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The GO and GTO Observing Programs

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ABS: Selected information from the current Hubble Space Telescope (HST) science programs for the Guaranteed Time Observers (GTO's) and General Observers (GO's) is presented. Included are program abstracts, detailed listings of specific targets, and exposure information.

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THE GO AND GTO OBSERVING PROGRAMS

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THE GO AND GTO OBSERVING PROGRAMS

1. Introduction

This document contains selected information from the current HST science programs for the Guaranteed Time Observers (GTOs) and General Observers (GOs). Included are program abstracts, detailed listings of specific targets, and exposure information. For an explanation of GTO and GO science program duplication policies and data rights see Sections 3.6 and 7.5 in the *Cycle 2 Call for Proposals*, May 1990.

These catalogs may be updated slightly before the Cycle 2 Telescope Allocation Committee (TAC) meeting. Any comments or questions regarding this document may be directed to the User Support Branch at the STScI.

2. The GTO and GO Catalogs - Overview

The GTO catalog contains the observations for Cycles 0 through 3 that were originally submitted to STScI by April 1, 1985, and subsequently modified by January 31, 1990. The GO catalog contains the programs submitted to STScI by October 1, 1988, for consideration by the TAC in April 1989 (which, for historical reasons, is denoted as "Semester 87A" in the catalogs). Only the GO programs which were recommended by TAC and approved by the STScI Director (and subsequently modified through January 31, 1990) are reported here. Although the observations of "generic targets" are not protected, they are included in the catalogs as an illustration of the scientific goals of the programs that contain them.

The catalogs contain two parts: 1) Abstracts of all GTO and GO programs, as written by the proposers, arranged by program ID number; and 2) Exposure list of the specific targets, arranged in order of J2000 right ascension when coordinates are available, and alphabetically by target name for generic and solar-system targets. The detailed contents of these two parts are discussed below. The exposures are listed separately for GTO and GO programs.

2.1 Abstracts

Section 3 of this document contains the abstract catalogs for the GTO and GO programs, and provides the program ID number, title, Principal and Co-Investigators and Institutions, scientific category and subcategory, and a concise abstract (as provided by the proposers) for each program. There are instances where it has been necessary to split large programs into two or more separate parts with different ID numbers; the abstracts for these programs may appear identical.

2.2 Exposures

Section 4 of this document contains the merged exposure list for all GTO programs, and a separately merged list for all GO programs. It is subdivided into four subsections: i) Fixed-target observations, ordered by right ascension; ii) Solar-system observations; iii) Generic-target observations; iv) Parallel-target observations. For each exposure the table displays the following quantities:

Column 1: Target name.

Column 2: Right ascension (in hours, minutes, and seconds of time; precessed to year 2000) as provided by the observer. When not specified by the observer, the year of the equinox for the coordinates was assumed to be 1950.0 before the precession was calculated. Generic and solar-system targets are denoted by (G) and (S) respectively.

Column 3: Declination (in degrees, minutes, and seconds of arc, precessed to year 2000) as provided by the observer. When not specified by the observer, the year of the equinox for the coordinates was assumed to be 1950.0 before the precession was calculated. An asterisk at the end of this column indicates that the coordinates were calculated relative to an offset target defined by the observer.

Column 4: Instrument and instrument configuration with which the target is to be observed.

Column 5: Operating mode for the observation.

Column 6: Aperture or field of view used for observation.

Column 7: Spectral elements (including filters, gratings, polarizers, etc.).

Column 8: Central wavelength or range when a grating or prism is used (in Å in the observer's frame).

Column 9: Number of exposures, as specified in the original proposal.

Column 10: Exposure time in seconds; in all cases it is the time requested for an individual exposure (Note: the exposure time does not refer to any internal segment of time such as STEP-TIME or SAMPLE-TIME that may be used in some high-time-resolution observations).

Column 11: ID number of the program (for reference to the corresponding Abstract Catalog, section 3).

Column 12: The cycle in which the exposure is to be obtained.

Column 13: This column flags the presence of some of the special requirements relevant to the exposure, *i.e.*, ACQUISITION (ACQ), CALIBRATION (CAL), CONDITIONAL (COND), SELECT (SEL), and PARALLEL (PAR).

Column 14: Number of times that the observations specified in this line will be executed. Typically, these repeats are executed at different epochs preselected by the observers.

The exposures that are marked with either COND (conditional) or SEL (select) are not protected in a strict sense, because only a fraction of them will actually be selected by the observers for execution. However, new GO proposals for these observations will be carefully reviewed by TAC, and a close scientific match may result in a lower ranking in view of limited HST resources.

3.0 THE ABSTRACT CATALOG

3.1 GTO PROGRAMS

[redacted] 2 [redacted]

ABSTRACT CATALOG FOR GTO PROPOSALS

KEY :

KP = Key Project
LP = Large Project
LT = Long Term Program
CT = Continuation Program
GTO/AST = GTO Astrometry Team Programs
GTO/FOC = GTO FOC Team Programs
GTO/FOS = GTO FOS Team Programs
GTO/HRS = GTO GHRS Team Programs
GTO/HSP = GTO HSP Team Programs
GTO/WFPC = GTO WF/PC Team Programs
GTO/OS = GTO Observatory Scientist Programs

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Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (ASTROMETRY) --

1003- LT - "ASTROMETRIC COMPANION SEARCH "

Keywords : LOW-MASS COMPANIONS; 'UNSEEN' COMPANIONS; ASTROMETRIC COMPANIONS; STELLAR PERTURBATONS; EXTRASOLAR PLANETS

Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

One of groundbased, long-focus photographic astrometry's most challenging and most challenged research activities has been the search for "unseen" companions to nearby stars based upon analyses of perturbations in their observed proper motions. We propose to examine with FGS in the trans/moving mode six late-type dwarf stars claimed to have low-mass companions of magnitudes and angular separations such as to make direct detection by FGS scans feasible. Any direct detection would not only extend importantly our knowledge on stars of very low mass and luminosity, but would also provide proof of the validity of a classical observational technique widely used in searches for other planetary systems.

Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (ASTROMETRY) --

1004- LT - "DUPLICITY AMONG HYADES STARS "

Keywords : DUPLICITY; BINARIES; MULTIPLE STARS; HYADES

Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

We propose to use FGS in the trans/moving mode to examine, at high angular resolution, a representative sample of probable Hyades cluster members in an effort to establish the incidence of duplicity among Hyades stars. The frequency of multiple stars in stellar systems and populations represents a significant aspect of star formation and stellar evolution. Among Hyades stars brighter than V ~ 12.0, companions should be observable to Delta m ~ 2. Binaries of small Delta m should be readily detectable at V ~ 15. Any multiple stars found will be reobserved in an effort to detect orbital motion.

Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (ASTROMETRY) --

1009- LT - "PARALLAXES OF HYADES CLUSTER MEMBERS "

Keywords : HYADES, DISTANCE SCALE, POP I, PROPER MOTIONS

Proposers: William H Jefferys (PI; University Of Texas), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

The goal of this project is to determine trigonometric parall Hyades cluster members and to define the Population I zero ag The ZAMS is used to determine the distances to open clusters the zero point of the Cepheid Period-Luminosity relationship, fundamental distance indicator in the universe. A secondary g project is to search for new Hyades cluster members which mig the 25th magnitude, or M(v)=22. This part of the project will through coordinated parallel observations with the WFC to det motions of very faint stars over a one year base line. FGS parallax observations of the thirteen Hyades members shou in the distance modulus of the Hyades Cluster good to approxi This accuracy should be sufficient to eliminate the Hyades as in determining the galactic distance scale.

Prop. Type: GTO/AST Selection Cycle : 87A

SOLAR SYSTEM -- (RELATIVITY/OCCULT) --
1010 - "GRAVITATIONAL DEFLECTION OF LIGHT (BY JUPITER) "
Keywords : GRAVITATION; RELATIVITY
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

We propose to measure the gravitational deflection of light by Jupiter. This will extend this classical test of general relativity to a mass regime three orders of magnitude lower than previously possible, with an expected accuracy of a few percent.

Prop. Type: GTO/AST Selection Cycle : 87A

GALAXIES _CLUSTERS -- (STRUCTURE) --
1012 - "HIGH-RESOLUTION SURFACE PHOTOMETRY OF NGC 4314 "
Keywords : GALAXIES, BARRED GALAXIES, PECULIAR GALAXIES, NUCLEAR RINGS
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

We propose to obtain ST WF/PC surface photometry of NGC 4314. NGC 4314 exhibits anomalous nuclear activity indicative of on-going star formation. Multicolor surface photometry with 0.1 to 0.4 arcsec resolution will afford an opportunity to explore the global interrelationships between gas clouds, dust, star formation, and stellar populations with detail never before obtained. The expected maximum resolution for for NGC 4314 is 15 parsecs.

Prop. Type: GTO/AST Selection Cycle : 87A

QUASARS _AGN -- (ASTROMETRY) --
1013- LT - "EXTRAGALACTIC ASTROMETRY AND ASTROPHYSICS - AST/PC PART ONE OF FIVE - PROPOSAL 1013 (WFPC OBSERVATIONS)"
Keywords : QUASARS, BL LACS, AGNS, HIPPARCOS, REFERENCE FRAMES FUNDAMENTAL ASTROMETRY, QUASAR INTERNAL MOTION
Proposers: William H Jefferys (PI; University Of Texas At Austin), J.Westphal (California Institute Of Technology)

The goal of this project is the determination of the rotation of the HIPPARCOS Reference Frame with respect to an Extragalactic Frame. The program will derive the internal optical motions of extragalactic objects (QSOs, BL Lacs, AGNs) at the +/- 0.002 arcsecond per year level of accuracy. 160 SAO stars within the FGSFOV of all selected QSOs, BL Lacs, and AGNs are included in the HIPPARCOS catalog. Ground based speckle observations have been used to pre-detect doubles which would cause problems for the FGS. The FGSs will measure the relative positions of SAO stars with respect to objects brighter than 17 mag. Fainter objects will be observed with the WFPC and FGS together. The objects have been selected in conjunction with the recommendations of the IAU working group in Radio/Optical Identifications, and have been selected for compactness and intensity. Most of the objects are recommended as ultimate position calibrators.

Prop. Type: GTO/AST Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS) --

1014- LT - "OBSERVATIONS OF MINOR PLANETS AT CROSSING POINTS FOR COORDINATE SYSTEM STUDIES (OMP)"

Keywords : FUNDAMENTAL ASTROMETRY, MINOR PLANET DYNAMICS RELATIVITY, HIPPARCOS

Proposers: William H Jeffereys (PI; University Of Texas At Austin), G.Benedict (University Of Texas At Austin), R.Duncombe (University Of Texas At Austin), O.Franz (Lowell Observatory), L.Fredrick (University Of Virginia), P.Hemenway (University Of Texas At Austin), P.Shelus (University Of Texas At Austin)

The goal of this project is to determine systematic corrections to the Fundamental Coordinate System and to aid in the formation of a dynamical basis for future revisions of the System. Observations of relative positions are intrinsically more accurate than absolute positions, because of the global nature of the latter. Crossing points provide a means of bringing the relative positional accuracy to bear on global problems. The technique is being applied to small minor planets to provide a more accurate coordinate system, to study small effects in the gravitational field of the solar system, and to look for differences between a dynamical (inertial) and extragalactic reference frame. The FGS accuracy of 0.002 per observation is expected to be an order of magnitude better than a comparable ground based measurement. Some benefits to accrue from these studies are (a) improved galactic dynamics (b) an improved basis for absolute parallaxes, and (c) the determination of the rotation of the HIPPARCOS reference frame with respect to a dynamical frame directly.

Prop. Type: GTO/OS Selection Cycle : 87A

QUASARS _AGN -- (HOST GALAXY) --
1015 - "IMAGING AND SPECTROSCOPY OF A COMPLETE SAMPLE OF BRIGHT NEARBY QUASARS: I. IMAGING"
Keywords : QUASARS, IMAGING, MORPHOLOGY, HOST GALAXIES
Proposers: John N. Bahcall (PI; Institute For Advanced Study), D.Schneider (Institute For Advanced Study)

A complete sample of 14 Palomar Green quasars will be imaged with the WFC. The sample includes all PG quasars with MB <= -25.0 mag and z <= 0.35. For comparison, we will image a sample of 8 less bright PG quasars (with z >= 0.158 and MB = -24.25 +/- 0.25 mag) to see if the galaxy morphology depends sensitively upon the quasar absolute magnitude. We will also image two intrinsically bright quasars at z ~= 0.5 to test for evidence of evolution. The morphology of the host galaxies is not discernible - in the presence of a bright center source (quasar) - with ground based observations, but will be determined with ST unless the galaxies are unexpectedly faint.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --
1016 - "LUMINOSITY FUNCTION AND TIDAL RADII OF GLOBULAR CLUSTERS IN VIRGO AND FORNAX"
Keywords : GLOBULAR CLUSTER, EXTRAGALACTIC, IMAGING, LUMINOSITY FUNCTION, TIDAL RADII
Proposers: John N. Bahcall (PI; Institute For Advanced Study), K.Freeman (Mt. Stromlo And Siding Spring Observatory; Australia)

These observations will determine the luminosity functions and tidal radii of globular clusters around 3 galaxies (NGC 4472, NGC 4374, and NGC 4526) in the Virgo cluster of galaxies and 3 galaxies (NGC 1380, NGC 1399, and NGC 1404) in the Fornax cluster of galaxies. ST observations are required in order to reach the faint limiting magnitudes that are necessary to provide sufficient spatial resolution to permit accurate photometry.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --
1017 - "STELLAR CONTENT OF NGC 6121 AND NGC 6397 "
Keywords : GLOBULAR CLUSTER, GALACTIC, IMAGING, WHITE DWARF, DWARF, STELLAR POPULATION
Proposers: John N. Bahcall (PI; Institute For Advanced Study), J.Westphal (Caltech)

The stellar content of the cores of the globular clusters NGC 6121 and NGC 6397 will be determined using the WFC. Of special interest will be the observed numbers of white dwarfs, the other ultra-violet excess stars, and the faint red dwarfs. ST observations are needed in order to reach the required faint apparent magnitudes and to provide sufficient spatial resolution to allow accurate photometry.

Prop. Type: GTO/OS Selection Cycle : 87A

QUASARS AGN -- (QUASAR EMISSION) --

1018 - "IMAGING AND SPECTROSCOPY OF A COMPLETE SAMPLE OF BRIGHT NEARBY QUASARS: II. SPECTROSCOPY"

Keywords : QUASAR, SPECTROSCOPY, EMISSION LINES, ABSORPTION LINES, INTERGALACTIC, HOST GALAXY

Proposers: John N. Bahcall (PI; Institute For Advanced Study), R.Green (Noao, Kitt Peak National Observatory), D.Schneider (Institute For Advanced Study)

FOS spectra will be obtained for seven optically bright PG quasars [3C 273, PG 0953+415, PG 1116+215, PKS 1302-102, PG 1700+518, GQ Com, and 3C 249.1] with Mb </= -25.0 mag and z </= 0.35, as well as V </= 15.7 mag. The spectra will be analyzed for both absorption and emission features. ST observations are required because the spectral features of greatest interest in these small redshift objects are in the far ultraviolet, inaccessible from the ground.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --

1019 - "THE STELLAR DENSITY DISTRIBUTIONS IN THE CENTERS OF GALACTIC GLOBULAR CLUSTERS"

Keywords : GLOBULAR CLUSTER, POPULATION II, BLACK HOLE

Proposers: John N. Bahcall (PI; Institute For Advanced Study)

Short exposures will be made of all galactic globular clusters with distance moduli less than 15.5 mag and galactic latitude above or below 15 degrees. A search will be made for cusps in the stellar density distributions and the colors will be measured for the brightest stars in the cores of the clusters. ST observations are required in order to reach the innermost regions of the clusters with sufficient resolution to separate individual stars.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR POPULATIONS -- (GALACTIC HALO) --

1020 - "FAINT STARS AND GALAXIES IN SA 57 AND SA 68 "

Keywords : STAR COUNTS; STRUCTURE OF THE GALAXY; DEEP GALAXY COUNTS; GALAXY HALO

Proposers: John N. Bahcall (PI; Institute For Advanced Study), D.Koo (Space Telescope Science Institute), R.Kron (Chicago, University Of), D.Schneider (Institute For Advanced Study)

Two selected area fields, one in SA 57 and one in SA 68, that have guide stars accessible for any telescope roll angle are proposed for study with deep WFC exposures. The results will compared with surveys of the same fields in x-ray, optical (from the ground), infrared, and radio wavelengths. The star counts will be used together with the Bahcall and Soneira Galaxy model to determine if the massive halo of the Galaxy is composed of stars that burn hydrogen. ST observations are required to discriminate between stars and galaxies at the faint magnitudes of interest.

Prop. Type: GTO/OS Selection Cycle : 87A

QUASARS AGN -- (QUASAR ABSORPTION) --

1022 - "DO GALAXIES PRODUCE QUASAR ABSORPTION LINES? "

Keywords : QUASAR, SPECTROSCOPY, ABSORPTION LINE, GALAXY, GRAVITATIONAL LENS

Proposers: John N. Bahcall (PI; Institute For Advanced Study), K.Ratnatunga (Institute For Advanced Study)

SPECTRA WILL BE OBTAINED WITH THE FOS FOR A NUMBER OF QUASARS THAT HAVE A SMALL ANGULAR SEPARATION ON THE SKY FROM GALAXIES OR GALAXY VOIDS, INCLUDING MARK 205, 3C 232, PKS 2020-370, THE GRAVITATIONALLY LENSED QUASAR, 2237+0305, 4 OBJECTS BEHIND THE BOOTES GALAXY VOID, US 1329 (BEHIND THE BAHCALL-SONEIRA GALAXY VOID), AND 5C 03.44 (BEHIND M 31). THE SPECTRA WILL BE USED TO TEST THE HYPOTHESIS THAT SOME METALLIC QUASAR ABSORPTION SYSTEMS ARE CAUSED BY VERY LARGE GALAXY HALOS OR DISKS. WF/PC IMAGES WILL ALSO BE OBTAINED OF THE LENSING GALAXY, 2237+0305, IN ORDER TO LOCATE ACCURATELY THE QUASAR POSITION AND MEASURE THE SURFACE BRIGHTNESS OF THE INNER REGION OF THE GALAXY. ST OBSERVATIONS ARE REQUIRED BECAUSE, FOR THE SMALL REDSHIFTS AT WHICH GALAXIES WITH LARGE ANGULAR SIZE ARE FOUND, THE RESONANT ATOMIC LINES ARE IN THE ULTRAVIOLET.

Prop. Type: GTO/OS Selection Cycle : 87A

QUASARS _AGN -- (QUASAR ABSORPTION) --

1024 - "DO RICH CLUSTERS OF GALAXIES PRODUCE QUASAR ABSORPTION LINES? "

Keywords : QUASARS, SPECTROSCOPY, ABSORPTION LINES, NEARBY GALAXY CLUSTER, INTERGALACTIC

Proposers: John N. Bahcall (PI; Institute For Advanced Study), R.Green (Noao, Kitt Peak National Observatory), K.Ratnatunga (Institute For Advanced Study)

Five quasars [NAB 0024+22, PKS 0003+15, UM 381, UM 324, and AO 1058+11] that lie behind rich clusters of galaxies will be studied spectroscopically with the FOS to see if the clusters produce ultraviolet absorption lines. All of the quasar spectra will be used also to help determine the statistics of quasar absorption lines, the main goal of the GTO proposal "Evolution of Lyman-alpha and C IV Absorption Systems" (J. Bahcall, PI). ST observations are required in order to observe the ultraviolet absorption lines that may be produced by the nearby rich clusters of galaxies.

Prop. Type: GTO/OS Selection Cycle : 87A

QUASARS _AGN -- (QUASAR ABSORPTION) --

1025 - "EVOLUTION OF LYMAN-ALPHA AND CIV ABSORPTON SYSTEMS "

Keywords : QUASAR, SPECTROSCOPY, ABSORPTION LINES, EMISSION LINES, EVOLUTION

Proposers: John N. Bahcall (PI; Institute For Advanced Study), R.Green (Noao, Kitt Peak National Observatory)

The evolution of Lyman-alpha and CIV absorption line systems in quasar spectra will be investigated using 21 optically bright quasars with a wide range of redshifts; the wavelength at which the Lyman cutoff appears will also be determined. All of the prominent emission and absorption lines will be measured. ST observations are required because the spectral features of interest are in the far ultraviolet, inaccessible from the ground.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (

1026 - "UV SPECTRA OF LOW-REDSHIFT-QSOS (FOS-1) "

Keywords : UV SPECTRA, LOW-Z QSOS, EMISSION LINES, LYMAN ALPHA ABSORPTIONS, NEARBY GALAXIES, EVOLUTION.

Proposers: E. Margaret Burbidge (PI; Uc, San Diego), J.Angel (Arizona, University Of), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

Three main scientific goals are to determine the emission-line properties in the UV of low-z QSOs, to look for L alpha -forest absorption shortward of L alpha emission to examine evolutionary effects, and to observe L alpha absorption in QSOs which have known metallic-line narrow absorption-line systems at z(absorption) << z(emission). There are objects of special interest included in the sample (e.g. 1548 + 114 A, B).

Prop. Type: GTO/FOS   Selection Cycle : 87A

QUASARS _AGN -- (
1027 - "UV SPECTRA OF QSOS WITH Z > 3.1 "
Keywords : HIGH REDSHIFT QSOS; HELIUM, INTERGALACTIC HELIUM.
Proposers: E. Margaret Burbidge (PI; Uc, San Diego), J.Angel (Arizona, University Of), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

Observe for the first time the extreme UV rest spectrum of QSOs with z > 3.1, to examine HeI and HeII in absorption and/or emission; perform Gunn-Peterson test for smooth intergalactic helium, determine and compare density of Lyman alpha forests of narrow absorptions per unit z; look for correlations of strongest narrow Lyman alpha absorptions with narrow helium absorptions; look for associated or intervening galaxies.

Prop. Type: GTO/FOS   Selection Cycle : 87A

QUASARS _AGN -- (
1028 - "SPECTRA AT LAMBDA <3000 ANGSTROMS FOR QSOS WITH Z~2 (FOS 3) "
Keywords : QUASARS, REDSHIFTS, LYMAN ALPHA ABSORPTIONS, INTERVENING CLOUDS OR GALAXIES.
Proposers: E. Margaret Burbidge (PI; Uc, San Diego), J.Angel (Arizona, University Of), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

Scientific goals are to determine and compare the density and density evolution of Lyman alpha forests of narrow absorptions per unit z over an extended range of Lambda < Lambda (L alpha emission). Some of the target objects combine an apparent wide range of L alpha absorption densities just shortward of L alpha emission with the presence of one or many narrow metallic absorption systems at z(absorption) << z(emission), and we shall look for intervening galaxies.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (
1029 - "SPECTROPOLARIMETRY OF QSOS, BLAZARS AND AGN "
Keywords : QSOS, BLAZARS, SEYFERT, AGN, POLARIZATION
Proposers: J. Roger P Angel (PI; University Of Arizona), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), H.Ford (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

Measurement of the spectrum of polarization has proven to be a powerful tool in deciphering emission processes and source geometry in AGN. This program will extend these observations into the UV below 3000A.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (
1030 - "GRAVITATIONALLY LENSED QSOS "
Keywords : GRAVITATIONAL LENSES, QUASARS, UV ABSORPTION LINES.
Proposers: E. Margaret Burbidge (PI; Uc, San Diego), J.Angel (Arizona, University Of), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

In two "gravitational lensing" multiple QSOs, we plan both to detect and study both new stellar images and diffuse lensing galaxies. We shall ascertain whether the UV spectra of the images are identical, while searching for absorption lines (especially Lyman alpha) which might exhibit differences and hence give information on sizes of absorbing clouds.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (
1031 - "FOS SPECTROPHOTOMETRY OF 3C273'S JET, IONIZED GAS, AND HOST GALAXY (FOS 9)"
Keywords : QUASAR, JET, IONIZED GAS, HOST GALAXY
Proposers: Holland C. Ford (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

We plan to use the FOS to measure the energy distribution in a knot in the jet from the optical to Ly-alpha in order to measure the spectral index and to look for emission and absorption features. We will take WF/PC pictures in the light of redshifted CIV 1549 and with the red grism to isolate ionized gas near 3C273. We will use the FOS with small apertures to measure the physical characteristics of the ionized gas. We will use the FOS with an occulting aperture to take spectra of the underlying host galaxy.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (
1032 - "QSO NEBULOSITY AND HOST GALAXIES (FOS NO. 10A) "
Keywords : QUASAR, HOST GALAXY, NEBULOSITY, JETS
Proposers: Holland C. Ford (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

WF/PC images will be taken of a sample of quasars to identify and type host galaxies and to look for environmental factors, such as interactions, which may contribute to the quasar phenomenon. FOS spectra will be taken of host galaxies and any interesting nebulosity, such as jets and filaments, which appear associated with the quasars. Our target list is strongly influenced by recent findings that quasar fuzz spectra correlate well with radio properties.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (
1033 - "SEARCH FOR MISDIRECTED BL LAC OBJECTS "
Keywords : BL LAC OBJECTS, RELATIVISTIC BEAMS, RADIO GALAXIES
Proposers: J. Roger P Angel (PI; University Of Arizona), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), H.Ford (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (University Of Washington)

FOC images will be obtained in the UV and visible of galaxies whose isotropic properties are the same as those of BL Lac objects. A search will be made for weak unresolved UV nuclei that would be expected if the relativistic beaming theory of normal BL Lac emission is correct. Candidate nuclei found this way will be studied with the FOS.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (
1034 - "M87'S JET, NUCLEUS, AND HOT CORONA (FOS NO. 12) "
Keywords : JET, CORONA, M87, IONIZED GAS
Proposers: Holland C. Ford (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

WF/PC narrow band images of M87 will be used to isolate emission line regions near the nucleus and jet. FOS spectra of these clouds will be used to i) map the velocity field near the nucleus, ii) understand physical conditions and ionization mechanisms in these clouds, and iii) measure chemical composition of the clouds. FOS spectra of the stellar nucleus and synchotron knots in the jet will be used to establish long-base-line spectral indices and to look for spectral features. Long exposure ultraviolet spectra of the nucleus and jet will be used to look for absorption lines from M87's hot corona.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (
1035 - "BL LAC OBJECTS: AO 0235 + 164 "
Keywords : BL LAC, REDSHIFT, UV ABSORPTION
Proposers: E. Margaret Burbidge (PI; Uc, San Diego), J.Angel (Arizona, University Of), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

A00235+164 is a special case of a BL Lac object with no emission lines, 2 metallic line absorptions at z = 0.524, 0.851, and variable 21-cm absorption at z = 0.524. It has a faint emission-line companion 2 arc sec south with z = 0.524 and another companion 1.3 arc sec East. Special goals for it will be examination of L alpha absorption at both absorption redshifts, search for UV emission lines, search for luminosity between A00235+164 and the (variable?) companion, or around AO itself, and spectra of such luminosity if found. UV spectropolarimetry of all objects is planned. Faint fuzzy objects nearby may will be observed to determine their redshiftsbe galaxies at z = 0.524 or 0.851.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (
1036 - "IMAGING AND SPECTROPHOTOMETRY OF SEYFERT NUCLEI (FOS 14) "
Keywords : SEYFERT, AGN, IONIZED GAS, NUCLEUS, NARROW LINE REGION, BROAD LINE REGION
Proposers: Holland C. Ford (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

WF/PC narrow band images will be used to isolate clouds near the nucleus and to look for organized structure such as disks, bubbles, and jets. FOS spectrophotometry from 1200A to 7000A will be used to establish density, temperature, chemical composition, ionization mechanisms, and reddening in the emission regions near the nucleus. Line profiles and radial velocities will be used to investigate broadening mechanisms near the nucleus such as turbulence, gas flows, and rotation. Small aperture FOS spectra of the nuclei will be used to separate the broad line region from the narrow line region. The spectra will be used to investigate physical conditions and gas dynamics in the broad line region. Absorption lines in the nuclear spectra will be used to measure the amount and distribution of gas along the line of sight through the parent galaxy.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (
1037 - "SEYFERT GALAXY SURVEY (FOS 14A) "
Keywords : SEYFERT GALAXIES
Proposers: Arthur F. Davidsen (PI; Johns Hopkins University), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corp.), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

The purpose of this program is to establish the optical and UV spectral energy distribution for two of the nearest and brightest Seyfert 1.5 and 2 galaxies, using the small (0.3") FOS aperture to isolate the broad line and continuum emission regions. Since this emission may not be coincident with the starlight that dominates the optical spectra, early PC exposures will be used to establish the exact location of the maximum UV brightness. The UV continuum will be used to look for absorption due to the halo of the Seyfert or intervening clouds. Emission line intensities and profiles for the broad components will be measured uncontaminated by emission from the galactic disk or narrow line region. In conjunction with the more detailed information obtained on brighter Seyfert 1's (FOS 14), this study of Seyfert 1.5 and Seyfert 2 properties will provide a point of comparison for more generally understanding the Seyfert phenomenon.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (
1038 - "IMAGING AND SPECTROPHOTOMETRY OF NUCLEAR ACTIVITY IN LINERS (FOS 15) "
Keywords : LINER, AGN, IONIZED GAS, NUCLEUS
Proposers: Holland C. Ford (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

WF/PC narrow band images will be used to isolate ionized gas clouds near the nuclei and to look for organized structure such as disks, bubbles and jets. FOS spectrophotometry from 1200A to 7000A will be used to establish density, temperatures, chemical composition, ionization mechanisms, and reddening in the emission regions near the nucleus. Line profiles and radial velocities will be used to investigate broadening mechanisms such as turbulence, gas flows, and rotation. Small aperture spectra of the nucleus will be used to look for a photoionizing continuum and for line broadening in the nucleus, and will be used to establish physical conditions and dynamics of the nuclear gas. UV absorption lines will be searched for in the nuclear continuum in order to measure the amount and distribution of gas along the line-of-sight through the parent galaxy.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (HOST GALAXY) --
1039 - "UV AND OPTICAL SPECTROSCOPY AND IMAGING OF THE COMPLEX OBJECT 3C 303 "
Keywords : RADIO GALAXY, JET, SYNCHROTRON, ACTIVE NUCLEUS
Proposers: E. Margaret Burbidge (PI; Uc, San Diego), J.Angel (Arizona, University Of), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

Interaction between high-energy electrons and ambient cluster gas may produce faint optical or UV radiation. A good case, demanding the spatial resolution of ST and the UV capability of the FOS, is 3C 303, a very complex radio/optical object with jets, surrounding knots, and a candidate optical synchrotron emission patch.

Prop. Type: GTO/FOS Selection Cycle : 87A

GALAXIES _CLUSTERS -- (

1040 - "VELOCITY DISPERSIONS IN THE NUCLEI OF GIANT ELLIPTICALS (FOS 17) "

Keywords : GALAXIES, VELOCITY DISPERSION,ROTATION,NUCLEUS STELLAR POPULATION

Proposers: Holland C. Ford (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

The FOS will be used with small apertures to map the stellar velocity dispersion and rotation in the central 1" of NGC4486, NGC4472 and NGC6251. The velocity dispersion maps will be used to discriminate between the large M/Ls required by massive black holes, velocity anisotropy, and isothermal velocity distributions. Line strengths will be used to measure changes in the stellar population in the central 1".

Prop. Type: GTO/FOS Selection Cycle : 87A

GALAXIES _CLUSTERS -- (

1041 - "THE NUCLEUS OF NORMAL AND STARBURST GALAXIES (FOS 20) "

Keywords : GALACTIC NUCLEUS

Proposers: Ralph Bohlin (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

Try to understand the energies of normal galactic nuclei. Are the main sources of ionizing radiation nonthermal, or due to a blue stellar population? High spatial resolution of ST is essential to this problem; FOS spectra can distinguish between a population of hot young stars or HB stars. Use the 0.3" aperture at any central point sources and off nucleus at the appropriate spot determined from WFPC data. Choose this spot within 1", along the major axis in accord with the techniques of FOS program 24, "Dynamics near Cores of Normal Galaxies."

Prop. Type: GTO/FOS Selection Cycle : 87A

GALAXIES _CLUSTERS -- (
1042- LT - "A SUPERNOVA-BASED DETERMINATION OF QO (FOS 22) "
Keywords : SUPERNOVAE, DETERMINATION OF QO, COSMOLOGY
Proposers: Richard J. Harms (PI; Applied Research Corporation), J.Angel (Arizona, University Of), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), B.Margon (Washington, University Of)

Two approaches will be used to determine qo from spectrophotometry of distant (z = 0.2-0.5) supernovae. In the Baade-Wesselink method, spectra of either type I or II supernovae are taken several times during the first month after outburst; the observed fluxes, expansion velocity, date of outburst, and redshift of the parent galaxy, when compared to models, allow a determination of qo. The second approach assumes that type I supernovae can be used as standard candles. We will also perform imaging of faint supernovae to determine the morphology of the host galaxy, and also obtain spectra of several very faint (and therefore distant) supernovae.

Prop. Type: GTO/FOS Selection Cycle : 87A

QUASARS _AGN -- (
1043 - "SEARCH FOR EXTENDED GALACTIC HALOS (FOS 23) "
Keywords : GALACTIC HALOS, QUASAR
Proposers: Ralph Bohlin (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

Use QSOs projected close to nearby galaxies to search for halos sufficiently extended to explain the observed statistics of QSO absorption line spectra. Different candidate galaxies have been chosen, including some known to have extended 21 cm halos, galaxies in and out of clusters, etc. Galaxies are chosen with z>0.001 where possible, so that local Lyman alpha absorption can be resolved from a galaxian column density of 2E19 of HI in our R=1200 mode. This is a UV specific problem that requires ST collecting area. A positive detection will produce a point on the rotation curve far into the galaxy halo, as well as crude information on the physical conditions of the halo gas. Each spectrum will also contain information on the gas distribution of our galaxy.

Prop. Type: GTO/FOS Selection Cycle : 87A

GALAXIES _CLUSTERS -- (
1044 - "STELLAR AND GAS DYNAMICS IN NORMAL GALAXIES (FOS 24) "
Keywords : GALAXIES, STELLAR DYNAMICS, IONIZED GAS, SUPERNOVAE
Proposers: Holland C. Ford (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

The FOS will be used with small apertures to map the stellar velocity dispersion and rotation in the central 1" of NGC221 (M32), NGC224 (M31), and NGC3031 (M81). The velocity disperions and rotation curves will be used to model the nuclear dynamics and to measure nuclear M/Ls. Line strengths will be use to measure changes in the stellar populations in the central 1". WF/PC pictures will be used to isolate nuclear emission line regions in M31 and M81. FOS spectra of the regions will be used to measure the physical characteristics, ionization mechanisms, and dynamics of the clouds. A special search will be made for the remnant of the supernova S-And (1885). FOS spectra will be taken of any candidate nebulosity.

Prop. Type: GTO/FOS Selection Cycle : 87A

GALAXIES _CLUSTERS -- (DISTANT GALAXIES) --
1045 - "SEARCH FOR PRIMEVAL GALAXIES (FOS 25) "
Keywords : HIGH REDSHIFT QUASARS, GALAXIES-EVOLUTION
Proposers: Arthur F. Davidsen (PI; Johns Hopkins University), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corp.), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

The purpose of this program is to locate and obtain spectra of several primeval galaxies (i.e., galaxies at very high redshifts). The method employed is to obtain deep WF/PC exposures of the regions near known high redshift quasars and search for faint, extended objects, including anything associated with the quasars themselves. Out of the six WF/PC fields, the three brightest extended objects will be chosen for follow-up with the FOS. Depending on the magnitudes of the objects, long integrations with G650L or the prism will be used to compare the spectral energy distributions of the primeval galaxies to lower redshift objects to study the evolution of galaxies.

Prop. Type: GTO/FOS   Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (
1046 - "IMAGING AND UV SPECTROPHOTOMETRY OF LOCAL GROUP PLANETARY NEBULAE (FOS 26)"
Keywords : NEBULA, PLANETARIES, CENTRAL STARS, GALAXIES, K648
Proposers: Holland C. Ford (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

WF/PC interference filter pictures will be used to resolve the shells of planetary nebulae in the LMC and to resolve the shell of K648 in M15. The angular diameters of the shells will be combined with echelle expansion velocities to derive the ages of nebulae. Ultraviolet spectra of the central stars will be used to derive the stars' effective temperatures and magnitudes, with objective of placing the stars on evolutionary tracks in an M-Teff diagram. UV spectra of the LMC nebulae, K648, and the brightest nebula in M32, NGC205, and NGC185 will be used to derive chemical compositions and physical conditions in the nebulae.

Prop. Type: GTO/FOS   Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (
1047 - "NOVAE AND SUPERNOVAE IN M31 (FOS 27) "
Keywords : NOVAE, ABUNDANCES, M31
Proposers: Holland C. Ford (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

The purpose of this program is to obtain FOS spectra in the UV of three optically discovered novae near the nucleus of M31. If a supernova were to occur in the time frame of interest, it would also be of interest to this program. The FOS spectra are to be obtained roughly one month after maximum, which will involve scheduling on a fairly short timescale. The FOS spectra will permit the carbon abundance (and perhaps the nitrogen and silicon abundances) in the bulge of M31 to be estimated. The observations will also allow an estimate of the feasibility of detecting novae in distant galaxies using the WF/PC and C III 1909 filter (F194W).

Prop. Type: GTO/FOS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN_SNR) --

1048 - "SUPERNOVA REMNANTS AND NUCLEOSYNTHESIS (FOS 30) "

Keywords : SUPERNOVA REMNANTS, NUCLEOSYNTHESIS

Proposers: Arthur F. Davidsen (PI; Johns Hopkins University), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corp.), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of)

UV and optical spectra of six supernova remnants (SNRs) will be used to study a number of problems related to abundances, grain destruction, interstellar medium properties and physical conditions in SNR shocks. Representatives of three of the main classes of SNRs (Crab-nebula like, Balmer-line and "normal") will be studied in the LMC, where reasonably low reddening permits UV observations. Two SNRs in M33 will be observed to study abundances and abundance gradients of elements not readily available from optical spectra and that are too faint for IUE. An oxygen-rich SNR in NGC 4449 will be observed, taking advantage of the small FOS slits to isolate the SNR from surrounding H II emission.

Prop. Type: GTO/FOS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (

1049 - "SPECTROPOLARIMETRY OF MAGNETIC WHITE DWARFS "

Keywords : WHITE DWARFS, HIGH MAGNETIC FIELDS

Proposers: J. Roger P Angel (PI; University Of Arizona), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), H.Ford (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (University Of Washington)

Spectropolarimetry and spectrophotometry will be used to study the ultraviolet Zeeman spectra of magnetic white dwarfs with fields in excess of 20 MG.

Prop. Type: GTO/FOS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (
1050 - "SPECTROPHOTOMETRY OF COOL WHITE DWARFS "
Keywords : COOL WHITE DWARFS
Proposers: J. Roger P Angel (PI; University Of Arizona), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), H.Ford (Johns Hopkins University), R.Harms (Applied Research Corporation), B.Margon (University Of Washington)

Ultraviolet spectrophotometry will be used to determine whether the ultraviolet blanketing of the coolest DA, DC and DK degenerate stars differ due to the presence of molecular hydrogen and/or heavy metallic elements and/or carbon and whether the coolest DC-DK stars have hydrogen-rich atmospheres. The second question may hold implications for the apparent "cut-off" in the white dwarf luminosity function at Log L/L(sun) = -4, the disk star formation history and age.

Prop. Type: GTO/FOS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY SOURCES) --
1051- LT - "MASS EXCHANGE BINARIES (FOS 34) "
Keywords : X-RAY STAR, NOVA, DWARF NOVA
Proposers: Bruce Margon (PI; Washington, University Of), J.Angel (Arizona, University Of), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation)

FOS UV spectra will be used to probe the effect of ionizing radiation from the compact star on the atmosphere of the normal companion, gaining information on the unobservable soft X-ray spectrum of the system which may, in some cases, dominate the energy budget. The FOS time resolved mode permits data also to be obtained as a function of pulse phase for X-ray pulsars, especially in the UV, where the strong resonance lines are available, and the FOS polarimeter will be used to examine the orbital phase dependence of polarization in these lines in the polars, providing new data on the complex structure of the accretion column.

Prop. Type: GTO/FOS Selection Cycle : 87A

STELLAR POPULATIONS -- (
1052 - "GLOBULAR CLUSTER CORE STRUCTURE AND DYNAMICS (FOS 36) "
Keywords : GLOBULAR CLUSTER
Proposers: Ralph Bohlin (PI; Space Telescope Science Institute), J.Angel (Arizona, University Of), F.Bartko (Applied Research Corporation), E.Beaver (Uc, San Diego), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation), B.Margon (Washington, University Of), L.Spitzer Jr. (Princeton University)

Obtain data on the stellar populations in the central cores of globular clusters. Clusters with and without central unresolved cusps, and with and without central X-ray sources will be observed. Spectra will be obtained at the center of the UV brightness, and at a distance within about one core radius. We might expect these spectra to differ; massive objects formed in collisions may produce unexpected spectral features, as well as relatively intense UV radiation in the central core.

Prop. Type: GTO/FOS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (
1053- LT - "BINARIES IN GLOBULAR CLUSTERS (FOS 37) "
Keywords : X-RAY STAR, NOVA, GLOBULAR CLUSTER, NEUTRON STAR
Proposers: Bruce Margon (PI; Washington, University Of), J.Angel (Arizona, University Of), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation)

Imaging and spectroscopy will be used to probe the nature of the luminous, central X-ray burst sources; to attempt optical identifications of the lower luminosity X-ray sources removed from the cores (and thus to verify the conjecture that they are related to CVs); and to attempt to recover the two historical novae seen in clusters (possibly resulting in expansion parallaxes for the clusters).

Prop. Type: GTO/FOS   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (

1054- LT - "OPTICAL COUNTERPARTS OF RADIO PULSARS (FOS 38) "

Keywords : NEUTRON STAR, PULSAR, WHITE DWARF, SUPERNOVA REMNANT

Proposers: Bruce Margon (PI; Washington, University Of), J.Angel (Arizona, University Of), F.Bartko (Martin Marietta Corporation), E.Beaver (Uc, San Diego), R.Bohlin (Space Telescope Science Institute), E.Burbidge (Uc, San Diego), A.Davidsen (Johns Hopkins University), H.Ford (Space Telescope Science Institute), R.Harms (Applied Research Corporation)

FOS spectra will be used to measure the spectral index (especially in the UV) of the nonthermal pulsar radiation, to verify synchrotron mechanism and search for spectral breaks, to watch variations through the pulse phase, and to examine the variation of polarization with wavelength in the Crab. Absorption may be seen due to intervening gas, whose abundance and physical state could then be probed.

Prop. Type: GTO/OS   Selection Cycle : 87A

GALAXIES _CLUSTERS -- (NUCLEI) --

1055 - "STUDIES OF THE 'NORMAL' SPIRAL M81 "

Keywords : SPIRAL GALAXY, GALACTIC NUCLEII

Proposers: Philippe Crane (PI; European Southern Observatory; Germany, West), I.King (Uc, Berkeley)

M81 is a very nearby spiral galaxy with an extremely compact nucleus and weak Seyfert like activity. Studies with the FOC will provide unprecedented resolution in the nuclear regions. Imaging at f/96 and spectrosopy at f/48 are proposed to study both the gas and the stars in the nuclear region.

Prop. Type: GTO/OS   Selection Cycle : 87A

GALAXIES _CLUSTERS -- (NUCLEI) --

1056 - "STUDIES OF SPIRAL NUCLEI "

Keywords : GALAXIES, SPIRAL

Proposers: Philippe Crane (PI; European Southern Observatory; Germany, West), J.Deharveng (Marseille Observatory; France), P.Grosbol (European Southern Observatory; Germany, West)

The high resolution of the FOC f/96 imaging mode will be used to study the nuclear regions of several nearby spiral galaxies. A first image in the UV continuum will be used to see if there is a nuclear condensation which would merit further study either spectroscopically or at a higher spatial resolution. The major objective is to discover heretofore unknown phenomena in the nuclei on physical scales which cannot be reached from the ground.

Prop. Type: GTO/OS Selection Cycle : 87A

GALAXIES CLUSTERS -- (NUCLEI) --

1057 - "IMAGING AND SPECTROSCOPY OF ELLIPTICAL GALAXIES "

Keywords : GALAXIES, ELLIPTICAL; ASTROMETRY

Proposers: Philippe Crane (PI; European Southern Observatory; Germany, West), M.Disney (University College, Cardiff; United Kingdom), I.King (Uc, Berkeley), C.Mackay (Cambridge University; United Kingdom)

This proposal has several objectives. First, the imaging data will be used to determine the precise positions of the centers of the galaxies, to see if the central region is bright enough to do long slit spectroscopy with the FOC f/48 spectrograph, and finally to study the radial intensity and color profile in the spectral region between 2200A and 4500A. In addition, f/288 data will be obtained in those few cases where it is warranted by the f/96 exposures. The spectroscopy will be attempted only in the cases where the central region is bright enough to determine a good velocity dispersion.

Prop. Type: GTO/OS Selection Cycle : 87A

QUASARS AGN -- (GAS) --

1058 - "OPTICAL EMISSION IN DOUBLE RADIO GALAXY LOBES "

Keywords : RADIO GALAXIES

Proposers: Philippe Crane (PI; European Southern Observatory; Germany, West), F.Macchetto (Space Telescope Science Institute), C.Mackay (Cambridge University; United Kingdom), G.Miley (Space Telescope Science Institute)

Radio hot spots associated with radio galaxies will be studied either to learn about the detailed optical morphology of optical emission already found in the vicinity of the radio emission or to search for new regions where optical emission can be seen. The observations proposed here are of double radio galaxies with compact unresolved components (at 3C resolution). Objects with known emission will be searched using the PC.

Prop. Type: GTO/OS Selection Cycle : 87A

QUASARS _AGN -- (GRAVITATIONAL LENSES) --

1059 - "GRAVITATIONAL LENSES "

Keywords : GRAVITATIONAL LENSES

Proposers: Philippe Crane (PI; European Southern Observatory; Germany, West), J.Schneider (Meudon Observatory; France), H.Sol (Meudon Observatory; France)

We intend to detect new features in gravitationally lensed QSO's. In particular, we will look for the predicted extra images, optical counter-parts to VLA and VLBI jets and if possible at the morphology of the deflecting mass. Quantitative knowledge of these is necessary for the astrophysical use of the phenomenon.

Prop. Type: GTO/OS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN _SNR) --

1060 - "IMAGING AND SPECTROSCOPY OF CRAB NEBULA FILAMENTS "

Keywords : INTERSTELLAR MEDIUM, SUPERNOVA REMNANT

Proposers: Philippe Crane (PI; European Southern Observatory; Germany, West)

F/98 images in HBeta will be used to locate bright resolved regions of the Crab for further investigation with the f/48 spectrograph. The f/48 spectrograph is well suited for untangling the physics in the various filaments of the Crab.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1061 - "BINARY PULSAR PSR1913+16 IMAGING "

Keywords : PULSARS, ASTROMETRY, GRAVITATIONAL RADIATION

Proposers: Philippe Crane (PI; European Southern Observatory; Germany, West)

A candidate star for the binary pulsar has previously been identified but the precision of the astrometric measurement needs to be improved in order to finally put to rest the question of whether or not this object lies at the radio position. A single 10 minute PC image in the R band will provide the initial data to determine if it is worth using the FGS to get results at the 2 milliarcsec level of precision.

Prop. Type: GTO/OS Selection Cycle : 87A

SOLAR SYSTEM -- (EXTRASOLAR PLANETS) --

1062 - "A PHOTOMETRIC SEARCH FOR PLANETS OF NEARBY STARS; GTO PROPOSAL 1062"
Keywords : PHOTOMETRIC EXTRA SOLAR PLANETS, PESP GTO PROPOSAL 1062
Proposers: William G Fastie (PI; Johns Hopkins University), J.Caldwell (York University; Canada), D.Schroeder (Beloit College)

The proposed research is a search for planets of nearby stars. The technique involves use of the Planetary Camera with narrow and wide band pass filters to photometrically measure the presence of resolved dark companions. The target star is placed about 1.4 arc sec from the WPC pyramid. The exposures are calculated to provide 25000 electrons per pixel at 1.2 arc second from the target stars. Multiple exposures will be required.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1063 - "THE EXTENDED ATMOSPHERE OF BETELGEUSE "
Keywords : STARS: M SUPERGIANTS; BETELGEUSE STELLAR PROCESSES: MASS LOSS
Proposers: David L. Lambert (PI; Texas, University Of)

The extended chromosphere and circumstellar shell of the M supergiant Betelgeuse will be studied through HRS spectroscopy of the Mg II resonance lines, FOS spectra, and WF/PC images of the shell. The results will provide new insights into mass loss by the star.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1064 - "BORON IN MAIN SEQUENCE STARS "
Keywords : NUCLEOSYNTHESIS - BORON. STARS - ABUNDANCES OF BORON IN POP. I ANS II MAIN SEQUENCE STARS
Proposers: David L. Lambert (PI; Texas, University Of)

Boron abundances will be obtained for a sample of Pop. I and Pop. II main sequence stars from HRS spectra of the BI resonance lines at 2497 A. Stars to be observed include - Noraml F dwarfs including stars showing the unexplained large deficiencies of Li and Be. Boron will provide a new clue to the processes depleting Li and Be. - Old Disk and Halo Dwarfs with metal abundances in the range [Fe/H] ~ -0.3 to -2.4. These observations will reveal the evolution of the boron abundance with overall metal abundance and age.

Prop. Type: GTO/OS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1065 - "ISOTOPIC ABUNDANCES OF CARBON AND OXYGEN AND FRACTIONATION IN INTERSTELLAR CARBON MONOXIDE"

Keywords : INTERSTELLAR MOLECULES-CO. ABUNDANCES AND NUCLEOSYNTHESIS-ISOTOPES OF C AND O - MOLECULAR PROCESSES - FRACTIONATION

Proposers: David L. Lambert (PI; Texas, University Of), S.Federman (Jet Propulsion Laboratory)

HRS observations of the CO A-X system between 1250 and 1550 A will be acquired and analyzed to obtain abundances of 12C16O, 13C16O, 12C17O, and 12C18O, and to study the rotational excitation of the CO molecule. Additional observations of the weak inter-combination line of C II at 2324 A will provide the C+ abundance which plays an important role in chemical fractionation. Diffuse interstellar gas towards local stars (e.g. Zeta Per and Zeta Oph) will be observed for the C II lines and lines of the less abundant isotopic species of CO. A check on the Galactic gradient in the 12C/13C ratio will be attempted by observing stars about 1 kpc towards and away from the Galactic center.

Prop. Type: GTO/OS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1066 - "CARBON CHEMISTRY IN INTERSTELLAR DIFFUSE CLOUDS - THE C2 MOLECULE "

Keywords : INTERSTELLAR MOLECULES - C2 - MOLECULAR PROCESSES - CHEMISTRY OF C2

Proposers: David L. Lambert (PI; Texas, University Of), A.Danks (European Southern Observatory; Chile)

Observations of the C2 molecule in interstellar diffuse clouds are based on the Phillips near-infrared system. The ultraviolet D-X (lambda ~2310 A) and F-X (lambda ~1341 A) transitions should provide detectable C2 lines on HRS echelle spectra for lines-of-sight for which Phillips system lines are essentially undetectable. Observations of C2 will be attempted for line of sight containing rather little H2 (log N(H2) <~ 20.6). The D-X and F-X bands transitions will be calibrated against the Phillips system through observations of zeta Oph. The relation between C2, H2, and other abundant molecules will be interpreted using cloud models and thorough chemical reaction networks. Rotational excitation will also be measured and interpreted.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1067 - "OLD NOVAE AND CATACLYSMIC VARIABLES - DQ HER AND G61-29 "

Keywords : VARIABLE STARS: NOVAE AND CATACLYSMICS STARS - INDIVIDUAL: DQ HER AND G61-29

Proposers: David L. Lambert (PI; Texas, University Of), G.Ferland (Kentucky, University Of)

The classical nova DQ Her is the prototype of the dust-forming novae with the 1934 ejecta well resolved on the sky providing an emission line spectrum corresponding to an electron temperature of just T ~ 500K. FOS spectra and WF/PC images of the shell will be obtained to study the nebular dust and gas. The 46 min binary G61-29 consists of a 0.02m He white dwarf transferring mass to another white dwarf. FOS spectra are to be obtained to define the heavy element abundances of the intersystem gas.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1068 - "EPSILON AURIGAE - A SEARCH FOR THE SECONDARY "

Keywords : STARS: BINARIES - EPSILON AUR

Proposers: David L. Lambert (PI; Texas, University Of)

Observations with IUE of the recent eclipse of Epsilon Aur by its enigmatic secondary showed that the source of the ultraviolet flux, Lambda </~ 1400 A, was not eclipsed. This flux is probably provided by a hot star embedded within the large dusty disk around the secondary. A FOS spectrum will be obtained to provide the first detailed look at the secondary.

Prop. Type: GTO/OS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1069 - "INTERSTELLAR BORON AND THE BORON ISOTOPIC RATIO "

Keywords : INTERSTELLAR ABUNDANCES - BORON. ABUNDANCES AND NUCLEOSYNTHESIS BORON.

Proposers: David L. Lambert (PI; Texas, University Of)

Boron with Li and Be is synthesized by spallation reactions between Galactic cosmic rays and interstellar CNO nuclei. Theoretical predictions for nucleosynthesis are close to accounting for the observed standard or cosmic abundances of the trio. The 11B/10B ratio is one possible exception. Observations of solar-system material give 11B/10B = 4.025, but standard spallation calculations predict 11B/10B ~ 2.5. HRS echelle observations of the interstellar B II 1362 A resonance line provide opportunity to obtain a second measurement of the Boron isotopic ratio. The 1362 A line will be observed towards Kappa Ori and searched for towards 2 to 4 other stars.

Prop. Type: GTO/OS Selection Cycle : 87A

QUASARS _AGN -- (DISTANT GALAXIES) --

1070 - "HIGH RESOLUTION IMAGING OF RADIO GALAXIES AT LARGE REDSHIFT "

Keywords : RADIO GALAXIES, LARGE REDSHIFTS ACTIVE GALAXIES COSMOLOGY

Proposers: Malcolm S Longair (PI; Royal Observatory, Edinburgh; U.K.), S.Lilly (Institute For Astronomy, University Of Hawaii)

Recent ground-based observations of the colours and magnitudees of 3C radio galaxies at z ~ 1 have enabled a picture of the evolution of the stellar populations of these galaxies to be constructed. Some galaxies show only the effects of the passive evolution of the main-sequence turn-off point, while a substantial fraction show evidence of additional substantial populations of young stars in an actively evolving stellar population. Ground-based observations indicate that this range of evolutionary behaviour is maintained at least to z ~ 2 but little progress has been possible in understanding the star formation activity seen in a fraction of these galaxies at all redshifts $z > 0.7$. It is proposed to take two-colour deep high resolution images of a well- defined sample of 22 3C galaxies with $0.6 < z < 1.3$ and single-colour exposures of an additional 6 galaxies at $z > 1.3$ using the WFC. These will allow the morphologies and structures of both actively and passively evolving galaxies to be determined, allow the distribution of star forming regions in the galaxies to be mapped and the cause of this activity to be understood. The data will also allow the nearby cluster environments of the galaxies to be studied.

Prop. Type: GTO/OS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1071 - "COMPOSITION OF GAS IN INDIVIDUAL INTERSTELLAR CLOUDS "

Keywords : INTERSTELLAR LINES

Proposers: C. R. O'Dell (PI; Rice University), L.Spitzer Jr. (Princeton University)

Column densities of interstellar atoms of some ten atomic species will be measured in the line of sight to 27 early-type stars, using the High-Resolution Spectrograph to obtain precise measures in the ultraviolet with highest spectral resolution. These data will be analyzed to determine relative abundances in the several individual clouds present along each line of sight, and thus to determine how the composition of the gas in such clouds varies with cloud parameters such as H column density, velocity, ionization level and distance z from the galactic plane. This information should help to clarify the equilibrium between gas and grains,--i.e., how the gas condenses on the grains and how the grains are destroyed by a variety of phenomena occurring in interstellar clouds.

Prop. Type: GTO/OS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (HII REGIONS) --

1072 - "SIZE DISTRIBUTION OF BOK GLOBULES "

Keywords : BOK GLOBULES

Proposers: C. R. O'Dell (PI; Rice University), L.Spitzer Jr. (Princeton University)

The Bok globules in HII regions will be characterized in terms of their forms and distribution of sizes.

Prop. Type: GTO/OS Selection Cycle : 87A

GALAXIES_CLUSTERS -- (GAS) --

1073 - "HII COMPLEXES AS EXTRAGALACTIC DISTANCE INDICATORS "

Keywords : HII REGIONS, EXTRAGALACTIC DISTANCES

Proposers: C. R. O'Dell (PI; Rice University), L.Spitzer Jr. (Princeton University)

Ground based observations have shown that extragalactic H II Complexes can be fit by a simple standard model, whose parameters can be determined by observation of the recombination line surface brightness. WF/PC H-beta images will be obtained of a series of H II Complexes in successively more distant galaxies in order to refine the zero point calibration and to apply this method to distant galaxies.

Prop. Type: GTO/OS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (PLANETARY NEBULAE) --

1074 - "SEARCH FOR THE OORT CLOUD IN PLANETARY NEBULAE "

Keywords : PLANETARY NEBULAE

Proposers: C. R. O'Dell (PI; Rice University), L.Spitzer Jr. (Princeton University)

Under the assumption that the Oort Cloud of Comets is a common feature of stars with planetary systems and the planetary nebulae nuclei are advanced stages of evolution of intermediate mass stars, it is proposed to use the WF/PC to look for evidence of evaporation of massive comets by the strong stellar wind and radiation field of these stars.

Prop. Type: GTO/OS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (HII REGIONS) --

1075 - "TURBULENCE IN H II REGIONS "

Keywords : HII REGIONS

Proposers: C. R. O'Dell (PI; Rice University), L.Spitzer Jr. (Princeton University)

The WF/PC will be used to characterize the internal structure of the inner parts of the Orion Nebula (NGC 1976). The data will be combined with ground based velocity studies to determine the nature and source of fine scale turbulence in this object.

Prop. Type: GTO/OS Selection Cycle : 87A

QUASARS _AGN -- (QUASAR EMISSION) --

1078 - "TRANSMISSION GRATING SURVEY FOR FAINT QSOS "

Keywords : QUASAR SURVEY

Proposers: Daniel J. Schroeder (PI; Beloit College)

The proposed program is a search for QSOs as faint as V=24 over a section of the sky at high galactic latitude. The instrument used is the WF/PC in its wide-field mode with either the red or blue grating as the filter. This grating/camera combination will give spectra at a spectral resolving power of 50-100 at S/N ~5 for V as faint as 24.

Prop. Type: GTO/HSP Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS, PLUTO) --

1079 - "OPPORTUNITY OCCULTATIONS BY SMALL BODIES "

Keywords : COMET, ASTEROID, SATELLITE, PLUTO, OCCULTATION

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

Although an occultation by any specific comet, asteroid, satellite, or Pluto is unlikely to be observable from the ST, the scientific return from such an event would be great because of the superior signal-to-noise ratio achievable with the ST for occultation observations. We propose to observe occultations by these bodies with the ST, as the opportunites arise, to probe their atmospheres, determine their sizes and achieve other goals. With such diverse possibilities, one must examine each opportunity as it occurs and formulate an observing strategy to fit that particular case.

Prop. Type: GTO/HSP Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1080 - "THE SIZE AND COMPOSITION OF PLANETARY RING PARTICLES "

Keywords : PLANETARY RINGS, RING PARTICLES, OCCULTATIONS, RINGS SPECTRA, RING COMPOSITION

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The size and composition of planetary ring particles are of interest for two reasons. First, these parameters provide important clues as to the age and source of the particles. The second reason for the interest in the size and composition of ring particles is that these quantities determine the fate of the particles in their present environment. In this regard, the size of the particles tells us the relative importance of gravitational forces (resonances with satellites, gravitational interaction with other ring particles, and the planetary gravity potential) and non-gravitational forces (particle collisions, radiation drag, and electromagnetic forces) in the present dynamical evolution. Clearly, the sizes and compositions of ring particles are central to our understanding of ring systems. Using the unique capabilities of ST, we propose to make major advances in knowledge of the size and composition of planetary ring particles through a combination of spectral and occultation observations of all three systems.

Prop. Type: GTO/HSP Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1081 - "SATURN RING DYNAMICS "

Keywords : SATURN'S RINGS, OCCULTATIONS, RING DYNAMICS

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

Understanding the dynamics of the rings is essential to our eventual understanding of their origin. Did they form recently or along with Saturn itself? We propose a series of stellar occultation observations in order to continue the dynamical investigation of Saturn's rings, at high spatial resolution, begun by the Voyager spacecraft. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 local _remote; fixed up small syntax errors - SALM 9/5/89 Updated for cycle 1 -- amanda bosh (MIT) 28 Sept 89 asb @ MIT 19 Mar 1990: Updated cycle 1 targets.

Prop. Type: GTO/HSP Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --
1082 - "HELIUM ABUNDANCE IN JOVIAN PLANET UPPER ATMOSPHERES "
Keywords : JOVIAN PLANETS, OCCULTATIONS, UPPER ATMOSPHERES, HELIUM ABUNDANCES
Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The large masses of the Jovian planets make it likely that they have retained their primordial abundance of material accreted from the solar nebula. The helium abundance in the upper atmospheres of these planets reflects the primordial abundance and the structural evolution of the planet. We propose to determine the Helium fraction in the upper atmosphere of each Jovian planet by measuring the ratio of the refractivities of its atmosphere for two wavelengths during stellar occultations. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 Updated to V2 prop. instr. - SALM 9/5/89 Updated for cycle 1 --amanda bosh 28 Sept 89 RPSS V7.2 remote _local - 9/29/89; Moved some observations to cycle2 - SALM 2/9/90 asb @ MIT 19 March 1990: updated targets for cycle 1.

Prop. Type: GTO/HSP Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --
1083 - "DYNAMICS OF PLANETARY UPPER ATMOSPHERES "
Keywords : PLANETARY ATMOSPHERES, JOVIAN PLANETS, MARS, UPPER OCCULTATIONS, TEMPERATURE PROFILES
Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

Observations of planetary upper atmospheres through stellar occultations are of interest because they provide information about the radiative and dynamical processes at work in these rarefied regions (number density range: 10super13 - 10super15 cmsuper-3), which could be otherwise measured only through direct atmospheric probe launched from a spacecraft. One of the problems with interpretation of the temperature profiles obtained from ground-based occultation observations has been that the numerical inversion of the data is highly sensitive to photometric errors--especially in obtaining the mean temperature of the atmosphere. The much greater stability of photometry that is possible with the ST will allow us to obtain more accurate temperature profiles and permit a comparison of the atmospheric structures of the Jovian planets with much greater precision than has been possible in the past. We propose a series of three occultation observations for each Jovian planet and a series of three observations for Mars, which we shall use to further test the predictions of the tidal model. Revision History: Received on RPS 9/1/89; Added to SCCS

9/5/89 Updated for cycle 1 -- amanda bosh (MIT) 28 Sept 89 Changed 3 sequences from cycle1 to cycle2 - SALM 2/12/90 asb @ MIT 20 March 1990: changed cycle1 targs to real events

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Prop. Type: GTO/HSP Selection Cycle : 87A

SOLAR SYSTEM -- (RELATIVITY/OCCULT) --

1084 - "LUNAR OCCULTATIONS WITH THE SPACE TELESCOPE "

Keywords : LUNAR OCCULTATIONS, BRIGHTNESS DISTRIBUTIONS, LIMB DARKENING, SOLAR SYSTEM OBJECTS, EXTRA-SOLAR SYSTEM OBJECTS

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

In order to obtain their angular diameters, limb darkening and/or strip brightness distributions, we propose to observe lunar occultations of Seyfert galaxies, X-ray sources, white dwarfs, early stars, quasars, planetary nebulae, late stars, asteroids, and satellites. For certain occultations, much greater signal-to-noise ratio can be achieved with the HSP on the ST than has been possible from the ground because of its orbital geometry, the greatly reduced scattered light from the moon, and the absence of scintillation noise.

Prop. Type: GTO/HSP Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1086 - "DO NEPTUNE AND PLUTO HAVE RINGS? "

Keywords : NEPTUNE, PLUTO, PLANETARY RINGS, OCCULTATIONS, RING IMAGING

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The origin of planetary ring systems remains unknown. One common property of the known ringed planets--Jupiter, Saturn, and Uranus--is that each possesses a regular satellite system, which would point to a close connection between the formation of rings and satellites. However, the dynamical lifetimes of several important features in Saturn's are short, which would lead to the conclusion that these rings are young. Continuing this line of reasoning, one would conclude that rings are not formed concurrently with planets--perhaps the formation of rings depends on encounters of planets with small bodies, or other random events: ring systems come and go. The discovery of ring systems around Neptune and/or Pluto would shift opinion toward this latter view, while the lack of detectable rings would greatly strengthen their apparent connection with regular satellite systems. The August, 1989 Voyager encounter with Neptune discovered complete rings with shepherd satellites, and perhaps ring arcs around Neptune. We propose to further probe the structure of the system of rings and ring arcs around Neptune, to determine the dynamical processes which could create rings as well as ring arcs, and to search for rings around Pluto. To achieve this, we will use occultations, which are most sensitive to (possibly dark) material clumped into narrow rings. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 Updated to V2 prop. instr.; RPSS V7.2 local _remote - SALM 9/6/89

Prop. Type: GTO/HSP   Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1088 - "SMALL SATELLITES IN THE URANIAN SYSTEM "

Keywords : URANIAN SATELLITES, SATELLITE ORIBTS

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The Voyager investigation of the Saturnian and Jovian ring systems revealed the intimate relationship between the structure of the rings and small satellites that orbit within or near the rings. The long term stability of ring systems is now thought to depend upon a chain of resonances that stabilizes the ring particle orbits by linking them--though resonances--to small, nearby moons, whose orbits in turn are stabilized through resonance links to the large, outer satellites. Establishing these connections depends upon obtaining precise orbits for the small satellites. To explain the structure of the Uranian system, most are expecting Voyager to discover several shepherd satellites within the ring system, and perhaps some in orbit between miranda and the epsilon ring. These satellites would have magnitudes within the range +20-+25 and have proven--so far--to be undetectable from Earth. We propose a series of exposures with one of the cameras to establish the orbits of those satellites that have important connections with the ring dynamics.

Prop. Type: GTO/HSP   Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1089 - "CAPTURED SATELLITES OF THE JOVIAN PLANETS "

Keywords : SMALL SATELLITES, OUTER SATELLITES

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

Fundamental to our understanding of planetary rings is their age: were they formed along with their respective planets 4.6 billion years ago or are they a "recent" phenomenon? A scenario for possible recent origin might involve a small comet or asteroid captured by the planet. In order to provide basic data for the understanding the capture of small bodies by the Jovian planets, we plan to search for small outer satellites of the Jovian planets with parallel observations with the wide field camera during periods when the primary observing program involves observing the planet or one of its inner satellites with another instrument.

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1090 - "PERIODIC VARIATIONS IN DQ HERCULIS STARS "

Keywords : CATACLYSMIC VARIABLE STARS

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The DQ Herculis Stars are cataclysmic variables showing rapid, strictly periodic luminosity variations at either optical or X-ray wavelengths, and usually both. The periods range from 33 sec in AE AQR through 71 sec in DQ Her to 18690 sec in TV Col. The cataclysmic variables are all close binary stars consisting of a late-type star transferring mass to its companion white dwarf star. The white dwarf in the DQ Her stars is magnetized. The periodicities of the DQ Her stars are caused by rotation of the magnetized, acreting white dwarf. We propose to observe the DQ Her stars at ultraviolet wavelengths using the high speed photometer on the space telescope. The purpose of the observations is to investigate the physics of accretion onto compact stars. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote _local; Typos corrected; Added data-fmt - SALM 9/7/89 Updated text - SALM 9/28/89; Moved 5 targ to cycle 2 - SALM 2/12/90 Switched 1 targ in cycles 1 _2 - SALM 2/14/90

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY SOURCES) --

1091 - "ULTRAVIOLET PULSATIONS FROM X-RAY PULSARS "

Keywords : X-RAY PULSARS

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

We propose to obtain high-speed photometry at ultraviolet wavelengths of all the pulsing X-ray heated stellar atmospheres of the companion stars to the neutron stars in the binaries and to create list of X-ray pulsars with optical pulsations that can be further observed for such purposes as determining the mass ratios of the binary system. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 Updated to V2 prop instr; RPSS V7.2 remote _local - SALM 9/6/89 Added data-fmt - SALM 9/7/89; Small text _exp. line changes - SALM 9/28/89; Moved 8 targ to cycle2 - SALM 2/12/90

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1092 - "ECLIPSES OF CATACLYSMIC VARIABLE STARS "

Keywords : CATACLYSMIC VARIABLE STARS

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The cataclysmic variables are close binary stars consisting of a late-type star and white dwarf. Mass is being transferred from the late-type star to the white dwarf. Unless the white dwarf has an extremely strong magnetic field, the transferred mass forms an accretion disk around the white dwarf. An important reason to observe the cataclysmic variables is that they provide an unparalled way to study nearly all aspects of the accretion of gas onto compact objects. We propose to observe the eclipses of several cataclysmic variables. The eclipse light curves can be used to find information about the geometry and physical conditions in the accretion disk. One star we propose to observe, Z Cha, is a dwarf nova. Eclipse observations of this star will provide information about changes in the structure of the accretion disk over the outburst cycle. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 Updated V2 prop instr; RPSS V7.2 remote _local; fixed typos; Added data-fmt; added period _zero-phase uncertainties - SALM 9/7/89 Text changes; ACQ added to repeat visits - SALM 9/28/89; Move 1 targ to cycle2, spread out repeats - SALM 2/14/90

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1093 - "OBSERVATIONS OF ZZ CETI STARS "

Keywords : PULSATING WHITE DWARFS

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The ZZ Ceti Stars are pulsating DA white dwarfs with temperatures near 11,000K. They are all pulsating in the non-radial g-modes, and are multi-periodic with periods between 200 sec and 1200 sec. Two major uncertainties about the ZZ Ceti stars are first, the exact temperature limits of the ZZ Ceti instability strip, and second, whether the luminosity variations are entirely due to temperature variations - as they should be if the pulsations are g-mode pulsations. We propose to observe the ZZ Ceti stars with the high speed photometer to measure their mean colors (and thus mean temperatures) and their color variations (and thus their temperature variations). Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 Updated to V2 prop instr; RPSS V7.2 remote _local; Added data-fmt - SALM 9/7/89; Text changes - SALM 9/28/89; Reduce_Texp to 6H - SALM 2/14/90

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY SOURCES) --

1094 - "SEARCH FOR OPTICAL VARIABILITY ASSOCIATED WITH BLACK HOLES "

Keywords : VARIABLE, INTERACTING BINARIES, BLACK HOLES

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

It has been suggested that luminous matter passing through an accretion disk towards the event horizon of a black hole is likely to emit a short series of pulses at an increasing frequency. These so-called dying pulses trains would have a period of the order of milliseconds for stellar mass black holes. A search for such pulse trains will be made among candidate objects. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote _local; Added data-fmt - SALM 9/7/89; Removed target NGC7078; Added target A0620-00 _related changes; Changed "contiguous exposures" to "NON-INT" - Dolan_9/26/89; Changed fluxval, ONBRD ACQ, and SAMPLETIME - SALM 2/14/90

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1095 - "VARIABILITY OF HIGH LUMINOSITY STARS "

Keywords : SUPERGIANT, VARIABLE

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

Some of the most luminous and massive stars in our galaxy and in the Large Magellanic Cloud will be monitored for variability in light. Knowledge of the time scales and amplitudes of luminosity fluctuations can perhaps place useful constraints on various stellar models. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote _local - SALM 9/8/89; Text changes _added ACQ to repeat visits - SALM 9/28/89; Move 9 targ to cycle2 - SALM_2/14/90 Move 3 targ to cycle 2; add UV2 obs for P-CYG - SALM 3/26/90

Prop. Type: GTO/HSP Selection Cycle : 87A

QUASARS _AGN -- (GRAVITATIONAL LENSES) --

1096- LT - "GRAVITATIONAL LENSES PART I "

Keywords : GRAVITATIONAL LENSES; BLACK HOLES; HUBBLE CONSTANT

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

Photometric and polarimetric observations will be made of systems whose properties are ascribed to the effect of a gravitational lens. The similarity of the images in the previously unobserved UV region of the spectrum, both photometrically and polarimetrically, is necessary for these objects to be gravitational lens systems; any differences found will be carefully studied to determine what constraints they put on the system. Systems whose properties appear consistent with a point mass deflector (i.e., a black hole) will be monitored to determine whether photometric or polarimetric variability exists in the images. The distance to the deflecting mass in this case can be related to the path length difference between the two image paths from the imaged quasar to the observer. The path length difference can be derived directly from the time difference between the same variation occurring in each image. The parallaxes of objects at E+3 Mpc distances are of obvious importance to a wide variety of cosmological studies. Rev. Hist: Received on RPS 9/1/89; Added to SCCS 9/5/89; Changed sky-aper to parameter - SALM 9/12/89; Changed RA-OFF to XI-OFF and DEC-OFF; Fixed typos; Added needed acq seqs; Changed timing comments to reqs - SALM 9/20/89; Added "SPOILER", gyros _other changes-Dolan 9/29/89; Edited for submission - SALM 1/22/90; Changed to cycle1 - SALM 2/6/90; Moved to cycle2, coarse trk-SALM 2/15/90; more chngs 2/21/90; Typos - SALM 1/2/90

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY SOURCES) --

1097 - "X-RAY BINARIES PART 1 "

Keywords : X-RAY BINARIES: NEUTRON STARS: BLACK HOLES

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The extreme conditions existing in the near vicinity of neutron stars which are the secondaries in close binaries provide a laboratory in which we may observationally confirm or refine many of our basic theories of astrophysics. This program will monitor the photometric and polarimetric light curves of X-ray binaries at several different phases of the binary orbit in several different wavelength bands in the UV. The results will be related to the structure of, and physical conditions existing in, the gas streams (and possibly, the accretion disk) in these systems. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote local; Small syntax errs corrected - SALM 9/12/89 Gyros and other changes - Dolan 9/29/89; Move GX339-4 to cycle2, reduce repeats to 4 every 0.93D, coarse track - SALM 2/15/90; Condense POL observations - SALM 2/22/90; Move GX339-4 _A0538-66 to cycle2 - SALM 3/20/90

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1098 - "REMNANT STARS IN SUPERNOVA REMNANTS "

Keywords : SUPERNOVA REMNANTS; NEUTRON STARS

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The low frequency of occurrence of identified neutron stars located in supernova remnants (SNR's) is an unexplained embarassment to our generally accepted theories of stellar evolution and neutron star formation. We propose to search recent SNR's for any remnant star associated with them, and to study the photometric variability of known examples of neutron stars which are remnants of supernovae. The results will place important constraints on the mechanisms by which neutron stars originate. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote local; fixed small syntax err - SALM 9/12/89 Various small changes - Dolan 9/27/89; Condensed POL obs - SALM 2/23/90 Reduced Repeats - SALM 3/2/90; Moved SS433 to cycle2 - SALM 3/20/90

Prop. Type: GTO/HSP Selection Cycle : 87A

QUASARS _AGN -- (OTHER ACTIVE NUCLEI) --

1099 - "ACTIVE GALACTIC NUCLEI "

Keywords : QUASARS; BL LAC OBJECTS; ACTIVE GALACTIC NUCLEI

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The discovery of QSO's and (other) active galactic nuclei have radically altered the classical view of galactic evolution as a slow process occuring over cosmological time-scales. From the growing body of observations there are many varied theories developing to explain these highly energetic phenomena. To be successful, a theory must explain the large amplitude, rapid variations in both flux and polarization that characterize these objects. Variability in all parts of the spectrum has been observed, in some cases on time scales as short as minutes, placing constraints on the volume over which the phenomenon occurs. Observations on even shorter time scales would significantly affect these constraints. This program will monitor the intensity and linear polarization of the radiation emitted by AGN's and relate the results to the structure of their nuclei and the nature of their central power source. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote_local; Parameter sky-aper added; other small syntax fixes - SALM 9/13/89; Various small changes - Dolan 9/27/89; Gyros - Dolan 10/2/89; Move 11 targ to cycle2 - SALM 2/16/90; Condensed POL observations; move some targets to cycle3, put some back in cycle 1 - SALM 2/23/90; Move some targ to cycle2 - SALM 3/2/90; Move 3C273 to cycle 2 - SALM 3/20/90

Prop. Type: GTO/HSP — Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1100- LT - "EVOLUTION OF THE NUCLEI OF PLANETARY NEBULAE "

Keywords : PLANETARY NEBULAE, STELLAR EVOLUTION, WHITE DWARFS.

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation)

The nuclei of planetary nebulae represent a central link in the late stages of stellar evolution, the connection between the asymptotic giant branch and the white dwarfs. In this picture, the core gradually increases in temperature and contracts after expelling the planetary nebula, eventually reaching the white dwarf cooling sequence. The agreement between models of this process and observations rests on assumptions about nebular distance scales, bolometric corrections and reddening. We propose to use the high-speed photometer to measure the luminosity variation of a central star directly. The evolutionary time scale and temperature changes will be observed utilizing the stability and precision of the photometer in combination with the angular resolution of Space Telescope. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote local; removed extraneous comments; fixed small syntax errors; Added coordinate uncertainty to target 5_6 - SALM 9/13/89 Added comments about acq. on repeat visits - SALM 9/28/89; Move NGC40 to cycle2, delete 1 UV filter, reduce repeat obs, do obs on VIS - SALM 3/5/90 Move NGC1360 to cycle 2 - SALM 3/19/90.

Prop. Type: GTO/HSP   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1101 - "OPTICAL AND ULTRAVIOLET OBSERVATIONS OF RADIO PULSARS "

Keywords : PULSARS, NEUTRON STARS, SUPERNOVAE

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation)

In spite of extensive efforts only two definite (Crab and Vela) and one probable (in SNR 0540-693) radio pulsars have been detected at optical wavelengths. Only the Crab Pulsar has been observed in the ultraviolet. Most efforts at modeling the optical emission mechanism are constrained only by the Crab Pulsar observations. To provide better model constraints, visual and ultraviolet observations of the Crab, Vela, and LMC pulsars will be obtained. Likely candidates will also be observed to attempt detection of pulses from pulsars previously undetected in the optical (millisecond pulsars and two binary pulsars). Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote _local; Small syntax errs fixed - SALM 9/13/89 Text changes - SALM 9/28/89; Added gyro stuff - SALM 9/29/89 Fix up CTR1 sequence - SALM 2/6/90; Move 4 targ to cycle2, cut 1 UV filter - SALM 3/5/90

Prop. Type: GTO/HSP   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1102 - "ULTRAVIOLET LIGHT AND POLARIZATION VARIATIONS IN BETA CEPHEI STARS "

Keywords : BETA CEPHEI STARS, STELLAR PULSATION

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation)

The variability of certain B stars such as Beta Cephei has been known for many years. No accepted mechanism for the excitation of this variation has been found, and uncertainty exists as to whether the pulsation modes are radial or nonradial. Color and polarization data in the UV will be obtained in an attempt to identify pulsation modes and phases of temperature and other variation for a selection of Beta Cephei stars. Better constraints on stellar pulsation models and the Beta Cephei phenomenon are the overall goal. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 Updated to V2 prop instr; RPSS V7.2 remote _local; Small syntactical Changes; Added coordinate uncertainties - SALM 9/13/89; Reduce repeats - SALM 3/5/90

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --
1103 - "VISIBLE AND ULTRAVIOLET LIGHT CURVES OF SHORT PERIOD RR LYRAE-TYPE (RRS) VARIABLE STARS"
Keywords : PULSATING STARS, STELLAR ATMOSPHERES, HYDRODYNAMICS
Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation)

Almost all studies of short-period RR Lyrae stars have mentioned the possibility of small-scale fluctuations in light curves or short time-scale changes in absorption line strengths. While careful examination of high signal-to-noise ratio visible light curves has failed to confirm such behavior, fluctuations may still be detectable in the ultraviolet region. These would reflect such phenomena as shock waves generated by the pulsation in the outer stellar envelope. We propose high time resolution, high signal-to noise ratio observations of a sample of such stars to characterize the ultraviolet pulsation and investigate the pulsation effects in the upper atmosphere. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote _local; Small syntax errs fixed - SALM 9/14/89 Move 2 targ to cycle 2 - SALM 3/5/90

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY SOURCES) --
1104 - "HIGH SPEED PHOTOMETRY OF GBS 0526-66 "
Keywords : GAMMA RAYS, BURSTERS, NERTRON STARS
Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

High speed photometry of the 5 march 1979 gamma ray burst source will be made at the zero phase of its periodic optical bursts. Revision History: Recieved on RPS 9/1/89; Added to SCCS 9/5/89 Updated to V2 prop instr; Small syntax fixes; Added uncertainty to "zero-phase" - SALM 9/14/89 Removed TBDs; RPSS V7.2 remote _local - SALM 9/29/89

Prop. Type: GTO/WFC Selection Cycle : 87A

GALAXIES CLUSTERS -- (PECULIAR GALAXIES) --
1105 - "PECULIAR AND INTERACTING GALAXIES (WF/PC-01) "
Keywords : PECULIAR GALAXIES, INTERACTING GALAXIES
Proposers: James A. Westphal (PI; Caltech)

Imaging observations with the WFC and PC are specified for a small sample of peculiar and interacting galaxies. In each instance the observations will benefit variously from the spatial resolution and ultraviolet sensitivity afforded by the Space Telescope and may reveal important facts concerning the nature of the objects observed.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR POPULATIONS -- (GALACTIC BULGE) --
1106 - "STELLAR POPULATION IN THE GALACTIC BULGE (WF/PC-02) "
Keywords : STELLAR POPULATIONS, GALACTIC BULGE, BAADE'S WINDOW
Proposers: James A. Westphal (PI; Caltech)

The goal of this WF/PC project is to extend our knowledge of the stellar population in the nuclear bulge of our own Galaxy. During GTO time, our targets include a selected field within Baade's Window (about 4 degrees from the galactic nucleus) and another bulge field about 8 degrees from the nucleus. Stepped exposures with U, V, and I filters will enable us to correct for reddening on a small spatial scale, to extend the color-magnitude diagram several magnitudes, and to investigate the low-mass portion of the luminosity function.

Prop. Type: GTO/WFC Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (PLANETARY NEBULAE) --
1107 - "PLANETARY NEBULAR STRUCTURE (WF/PC-03) "
Keywords : PLANETARY NEBULAE, MASS LOSS, EVOLUTION, NEBULA
Proposers: James A. Westphal (PI; Caltech)

Observations of planetary nebulae utilizing the WF/PC are based upon the high angular resolution. Structure at the level of E+14 cm is seen in only one planetary NGC7293, Helix nebula. It is in the size range from E+14 to E+15 cm that the origin of long lived condensation is expected. Are the features seen in the Helix common to most planetaries? Do these condensations result in shadowing that can explain the ionization structure? The other objective of this program is to repeat the measurements on a few years baseline in order to study the temporal variations of well defined condensation. This may provide distance determinations as well as dynamic information.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (PLANETARY NEBULAE) --
1108 - "PLANETARY NEBULAE NUCLEI DISCOVERY (WF/PC-04) "
Keywords : PLANETARY NEBULAE, EVOLUTION MASS LOSS, NEBULA
Proposers: James A. Westphal (PI; Caltech)

The central star for some planetary nebulae have not been observed. It is believed that these PN nuclei have temperatures in excess of 100000dK and the large flux in the far ultraviolet produces a nebular surface brightness that overwhelms the stellar radiation in the visual when resolution is seeing limited. The WF/PC spatial resolution will enhance the contrast by the order of 100 while an additional enhancement will be achieved by observing in the UV. This program should result in the detection of these central stars and provide sufficient photometric data to determine the nature of the central star and interstellar extinction.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR POPULATIONS -- (EXTRASOLAR PLANETS) --
1109 - "LOW MASS COMPANIONS (WF/PC-05) "
Keywords : LOW MASS COMPANIONS, BROWN DWARFS, PLANETS, ASTROMETRY
Proposers: James A. Westphal (PI; Caltech)

The purpose of this observing program is the astrometric detection of Low Mass Companions, e.g., planets around stars other than our Sun. Astrometric observations of the stars are to be made to detect the periodic motion of the stars due to the influence of a planet around the star. The possibility of variations from pixel to pixel should be reduced by taking three exposures of each star field with an offset of a few pixels in the image location at each pointing. Each target field should be observed approximately every three months during the first year, and at maximum and minimum parallax positions during the following year. The observations during the guaranteed time will be the first of a series of observations of these stars to be taken over the lifetime of the Space Telescope. In combinations with ground-based observations, improvements to the parallaxes and proper motions will be investigated.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR POPULATIONS -- (DWARF SPHEROIDALS) --
1110 - "STELLAR POPULATIONS IN DWARF SPHEROIDAL GALAXIES (WF/PC-06) "
Keywords : DWARF GALAXIES, LOCAL GROUP, STELLAR POPULATIONS, HR DIAGRAM
Proposers: James A. Westphal (PI; Caltech)

HR diagrams to deep levels using the F555W and F785LP filters and the WFC will be used to study the stellar populations of the dwarf spheroidal galaxies Carina, Ursa Minor and Fornax. Aspects to be studied include the star formation histories based on the location and distribution of stars near the main-sequence turnoff; the luminosities, colors, and metallicities of stars on the giant branch; the relation of horizontal-branch morphology to stellar ages and metallicities; distance moduli via main sequence fitting; the absolute magnitude of the horizontal branch; the main-sequence luminosity function; the possible incidence of binaries on the main sequence; and an estimate of the overall mass-to-light ratio and space density of baryonic matter in stars. In Fornax, the proposed field also contains the metal-poor cluster Fornax 4, whose HR diagram and radial density gradient will also be measured.

Prop. Type: GTO/WFC   Selection Cycle : 87A

GALAXIES_CLUSTERS -- (GALACTIC HALO) --
1111 - "A DEEP SURVEY AT HIGH GALACTIC LATITUDES (WF/PC-07) "
Keywords : FAINT SURVEY
Proposers: James A. Westphal (PI; Caltech)

Very deep exposures will be taken in broadband V and I colors in each of two fields at high galactic and ecliptic latitudes, in order to observe objects as faint as possible. Fourteen dark-side exposures should yield S/N of about 4 at magnitude 29.5 for neutral-colored point sources. The data will be used for counts and morphology of faint and distant galaxies and to study the distribution and luminosity function of galactic stars to very faint levels. Parallel FOC observations will be taken to give additional color information in nearby fields.

Prop. Type: GTO/WFC   Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --
1112 - "GALACTIC GLOBULAR CLUSTERS (WF/PC-08) "
Keywords : GLOBULAR CLUSTER, POPULATION II, DWARF, WHITE DWARF, DYNAMICS, STELLAR POPULATION
Proposers: James A. Westphal (PI; Caltech)

Two classes of observations will be performed on a small sample of galactic globular star clusters. In one, a set of V and I frames will be obtained at two radii to study the faint end of the luminosity function and mass segregation; in one cluster (NGC6752) the data will also reach the bright end of the white dwarf luminosity function. In the other, the nuclei of a number of clusters will be imaged in the U band to study the core properties and the existance of a collapsed cusp if any. The clusters are relatively nearby and their core properties span the range from extremely regular to extremely cusplike.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR POPULATIONS -- (MAGELLANIC CLOUDS) --

1113 - "STELLAR POPULATIONS OF THE MAGELLANIC CLOUDS (WF/PC-09) "

Keywords : GLOBULAR CLUSTERS, CLUSTERS, STELLAR POPULATIONS, LOCAL GROUP, IRREGULAR GALAXIES, HR DIAGRAMS

Proposers: James A. Westphal (PI; Caltech)

HR diagrams with the Wide Field Camera in filters F336W,F555W and F785LP will be obtained for several clusters and background fields in the Large and Small Clouds. The proposed clusters span a range of age and metallicity, and the background fields are located at a variety of radial distances within the galaxies. The data will be used to study cluster ages, the history of star formation for field stars, the cluster and field luminosity functions, and distance moduli based on main-sequence fitting. Tidal radii of clusters and the stellar mass-to-light ratios of cluster and field populations will also be estimated.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1114 - "STELLAR POPULATIONS AND CLUSTERS IN ELLIPTICAL GALAXIES (WF/PC-11) "

Keywords : STELLAR POPULATIONS, GALAXIES, GLOBULAR CLUSTERS, DISTANCE INDICATORS, HUBBLE CONSTANT

Proposers: James A. Westphal (PI; Caltech)

Much of the luminous matter in the universe lies in large ellipitcal galaxies, but they are the type for which we know the least about stellar content. With WF/PC, incipient resolution of individual stars can be expected for ellipticals out to a modulus of 30.5 mag., while significant new information about the retinue of globular clusters surrounding ellipticals can be learned out to a modulus of 35.5 mag. A pixel-histogram technique, tested by simulations, will permit the top of the H-R diagram and the top of the stellar luminosity function to be characterized. The luminosity function for globular clusters in ellipticals will be more completely determined and their role as distance indicators more completeley developed, with possible application to improving the distance to the Coma Cluster (z = 0.022) and the determination of Ho.

Prop. Type: GTO/WFC Selection Cycle : 87A

GALAXIES CLUSTERS -- (COSMOLOGY) --

1115 - "FAINT CLUSTERS OF GALAXIES (WF/PC-10) "

Keywords : BRIGHTEST GALAXY, COSMOLOGY, SPIRAL GALAXY, GALAXY EVOLUTION, GALAXY MORPHOLOGY, DISTANT GALAXY CLUSTER

Proposers: James A. Westphal (PI; Caltech)

Ten distant clusters of galaxies, with redshifts from 0.39 to about 1.2, will be imaged in two colors corresponding to rest wavelengths of about 3600 and 5000 angstroms. The primary object of the study is to investigate the color and morphological evolution of cluster galaxies. Sufficient signal-to-noise will be obtained for all objects to see spiral structure if present in the brighter galaxies, and the morphologies of the clusters cover the range from extremely open to extremely compact. In addition, the data will yield structural parameters for the bright cluster ellipticals in the sample, which will aid in interpreting the classical Hubble diagram for the determination of the deceleration parameter. Several of the nearby clusters exhibit the Butcher-Oemler excess of blue galaxies and these data should elucidate their nature.

Prop. Type: GTO/WFC Selection Cycle : 87A

QUASARS AGN -- (HOST GALAXY) --

1116 - "STRUCTURE OF QUASARS AND RELATED OBJECTS (WF/PC-12) "

Keywords : QUASAR, AGN,RADIO GALAXY, EMISSION LINE GALAXY,BL LAC OBJECT

Proposers: James A. Westphal (PI; Caltech)

The aims of the program are (1) to detect, and to study the morphology of galaxies underlying QSOs and AGNs, galaxies associated with them in groups and clusters, and associated structures such as jets; (2) to detect bright nuclear and extranuclear structure on small angular scales; (3) to detect and examine additional images and lensing galaxies in gravitational lenses; (4) to detect extended emission line structure in quasars.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --

1117 - "GLOBULAR CLUSTERS IN M31 AND NGC205 (WF/PC-13) "

Keywords : GLOBULAR CLUSTERS, LOCAL GROUP, POPULATION II, HR DIAGRAMS, HALOS, STELLAR POPULATIONS, SPIRAL GALAXIES

Proposers: James A. Westphal (PI; Caltech)

HR diagrams and radial density profiles will be studied for three globular clusters in M31 and one in NGC205 using direct Wide Field Camera images in filters F555W and F785LP. The clusters span a range in line strength from H VIII and M IV (very metal-poor), through M II, to K58 (slightly sub-solar). Problems to be studied include the luminosity fuction of stars on the cluster giant branch, their spread in temperature, horizontal-branch morphology, and the tidal radii of the clusters. Of special interest is the apparent magnitude of the horizontal branch and its possible utility as a distance indicator. The HR diagram of any background stellar population in the halo of M31 and the general field of NGC205 will also be compiled, and the age and metallicity distribution of the background population studied.

Prop. Type: GTO/WFC Selection Cycle : 87A

GALAXIES_CLUSTERS -- (NUCLEI) --
1118 - "NUCLEI OF NEARLY_NORMAL GALAXIES (WF/PC-14) "
Keywords : GALACTIC NUCLEI, GALACTIC BULGES, LOCAL GROUP, DUST LANES, GLOBULAR CLUSTERS, SURFACE PHOTOMETRY
Proposers: James A. Westphal (PI; Caltech)

Direct images of the nuclei of nearby galaxies taken with the Planetary Camera will be used to measure the space density profile of luminous material and the nuclear color gradients in these objects. Galaxies will be imaged with the F555W and F785LP filters. Serveral objects known to contain ionized gas will also be imaged in narrow-band filters to obtain the gas distribution. In M31 a special series of ultra-violet exposures will be taken to study the hot stellar population. The sample of objects contains several normal ellipticals covering a broad range in nuclear surface brightness and concentration class, several nearby galaxies covering a range of Hubble types, and a few Seyfert and otherwise slightly abnormal nuclei.The images taken will also be searched for bright stars, inner globular clusters, and absorbing interstellar dust.

Prop. Type: GTO/WFC Selection Cycle : 87A

GALAXIES_CLUSTERS -- (DISTANCE SCALE) --
1119 - "CEPHEID DISTANCE_SCALE (WF/PC-15) "
Keywords : SPIRAL GALAXY, CEPHEID, SUPERGIANT, DISTANCE SCALE, HUBBLE CONSTANT, COSMOLOGY
Proposers: James A. Westphal (PI; Caltech)

The most reliable distance indicators we have at the nearby end of the extragalactic distance scale are Cepheid variables. The extension of the Cepheid scale to distances of the order of the Virgo Cluster has been one of the major promises that ST has offered since its inception. We will study five galaxies, three somewhat nearer than Virgo (NGC 2903, 4559, and 5033) and two Virgo galaxies (4535 and 4321), all with the aim of both determining a distance for its own sake and for the calibration of secondary indicators, primarily (with the obvious exception of 4321) the infrared Tulley-Fisher relation, but including brightest stars, globular clusters, and others. The scheme involves ten exposures on each galaxy with a sequence of exposure times designed to allow discovery and period determination to sufficient accuracy for stars with periods of ten to thirty days, and supplementary multicolor photometry to make use of period-luminosity-color/reddening-bucking relations.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1120 - "STELLAR POPULATIONS IN LOCAL GROUP GALAXIES (WF/PC-16) "
Keywords : STELLAR POPULATIONS, GALAXIES, SPIRAL ARMS, DISKS, BULGES, M31.
Proposers: James A. Westphal (PI; Caltech)

The goal of this WF/PC project is to extend our knowledge of the stellar population in arms, disks, and bulges of some of the nearest star-producing galaxies. (Other populations in nearby galaxies are dealt with in other parts of the WF/PC teams's GTO program). Our targets include young associations in M31 and M33, disk regions in M31 and M33, bulge regions in M31 and M81, and the general field in IC1613. The fields in M31 lie at stepped distances from the nucleus out to the vicinity of Baade Field IV. Deep U, V, I frames will be used to construct color-magnitude and color-color diagrams, and to derive age, metallicity, reddening, and luminosity functions.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1121 - "STELLAR FORMATION AND EVOLUTION (WF/PC-17) "
Keywords : STAR FORMATION, STELLAR EVOLUTION
Proposers: James A. Westphal (PI; Caltech)

High resolution images will be obtained for a small number of T Tauri stars, Herbig-Haro objects, and objects whose evolutionary state is uncertain. Most of the young stellar objects are in the Taurus complex, which is near enough that the high resolution afforded by ST will explore physical scales never before seen in these objects. Limited temporal coverage will also be obtained to search for structural variations at small scales.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (CIRCUMSTELLAR MATTER) --

1122 - "CIRCUMSTELLAR MATERIAL (WF/PC-18) "
Keywords : CIRCUMSTELLAR MATERIAL, PROTO-PLANETARY DISCS
Proposers: James A. Westphal (PI; Caltech)

The cold circumstellar material discovered around a number of nearby stars by IRAS will be examined to determine the spatial distribution of the material around the individual stars, including estimates of the amount of distributed mass as a function of distance from the star. Such studies should provide insight into the formation and evolution of the proto-planetary disc that once surrounded the Sun.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (INNER PLANETS) --

1123 - "MERCURY JOINT PROJECT WITH CALDWELL (WF/PC-19) "
Keywords : MERCURY, SURFACE PHOTOMETRY, CRATER COUNTS
Proposers: James A. Westphal (PI; Caltech)

We propose to take high resolution, multispectral images of the planet Mercury with the WF/PC using the Earth to shield the Sun. The data will be taken as Mercury rises above the Earth's limb. These data should obtain images with a resolution of 30 km on the side of Mercury not seen by the Mariner 10 spacecraft.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (INNER PLANETS) --

1124 - "VENUS (WF/PC-20) "
Keywords : VENUS, ATMOSPHERE, UV MARKINGS
Proposers: James A. Westphal (PI; Caltech)

These observations will obtain high resolution views of the upper atmosphere of Venus in the UV. Ground-based and spacecraft images of the atmosphere show low contract markings in the upper atmosphere of Venus. The observations will explore the imaging possibilities deeper into the UV, probing different depths into the atmosphere.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS) --

1125 - "ASTEROIDS (WF/PC-21) "
Keywords : ASTEROIDS, SATELLITES
Proposers: James A. Westphal (PI; Caltech)

There have been a number of visual and photo-electric observations of secondary events associated with occulations of stars by minor planets. These observations are suggestive of satellites for those minor planets. If one minor planet satellite is found, then it is expected that many minor planets would have satellites, unless there is a feature in the process of formation and evolution of the minor planets which favors uniqueness. In addition to the significance of satellites of minor planets to the theory of the formation of the solar system, the discovery of satellites and the determination of their periods will permit the determination of the masses of the minor planets. This is the only way to determine accurate values for the masses and hence the densities and compositions. These observations will be used to search for direct images of satellites brighter than 22nd magnitude around several asteroids where unconfirmed observations of satellites have been reported.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --

1126 - "JUPITER - SOLAR SYSTEM (WF/PC-22) "
Keywords : JUPITER, ATMOSPHERE DYNAMICS
Proposers: James A. Westphal (PI; Caltech)

This program will obtain two four-color complete 360 degree maps with the WF/PC to measure the Jovian atmospheric motion. The first set will be obtained within a ten-hour period to allow for adequate overlap between the longitudinal strips. Then twenty hours later a second map set will be obtained to complete the dynamical set. Since Jupiter rotates approximately fifty degrees per HST orbit, these dynamical sets should be obtained for eight sequential orbits. UV imaging at the high spatial resolution of HST provides an excellent method of studying the upwelling processes, especially in the time domain.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1127 - "JOVIAN RING - SOLAR SYSTEM (WF/PC-23) "
Keywords : JUPITER RING SYSTEM, JUPITER INNER SATELLITES
Proposers: James A. Westphal (PI; Caltech)

The newly discovered ring of Jupiter has only 3 or 4 data sets to describe the nature and characteristics of the very tenuous ring. The best data set were obtained by the Voyager spacecraft. HST will give much higher spatial resolution of the ring in a back scattering lighting condition at very low phase angles. These high signal-to-noise data will allow much better radius and albedo limits to be set. The observations would require Jupiter to be situated on one CCD and allow the ring, which is some six magnitudes fainter, to be imaged on an adjacent chip. These data would allow detection of the inner moons of Jupiter, including Adrastea which is located on the edge of the bright ring component of the Jovian ring system. The long time base since first discovery by Voyager would allow a very accurate determination of the orbital period. Spectral coverage will give some additional information on albedo and surface composition.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS) --

1128 - "IO VOLCANISM (WF/PC-24) "

Keywords : IO, VOLCANISM

Proposers: James A. Westphal (PI; Caltech)

Voyager observed volcanos on Io. These volcanos should be evident when they are observed in the UV and the volcanic plumes are located on the satellite limb. The observations will determine if the same volcanos that Voyager observed are still active and also if new volcanic activity is present.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --

1129 - "SATURN - SOLAR SYSTEM (WF/PC-25) "

Keywords : SATURN, ATMOSPHERE DYNAMICS

Proposers: James A. Westphal (PI; Caltech)

This program will obtain two four-color complete 360 degree maps with the WF/PC to measure the Saturnian atmospheric motion. The first set will be obtained within a ten-hour period to allow for adequate overlap between the longitudinal strips. Then twenty hours later a second map will be obtained to complete the dynamical data set. Since Saturn rotates approximately fifty degrees per HST orbit, these dynamical sets should be obtained for seven sequential orbits. UV imaging at the high spatial resolution of HST provides an excellent method of studying the upwelling processes, especially in the time domain.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1130 - "SATURN B-RING SPOKES (WF/PC-26) "

Keywords : SATURN, B-RING, SPOKES

Proposers: James A. Westphal (PI; Caltech)

Voyager S/C detected some low contrast features in the B-ring of Saturn which were dubbed 'spokes'. The origin, evolution, composition and dynamics of the spokes are not well understood. The objective of these observations is to determine the photometric properties of the spokes as a function of time and other external circumstances, such as solar elevation, and Saturn phase. The proposed observational sequence includes multispectral imaging over a 12 hour period.

Prop. Type: GTO/WFC   Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1131 - "SATURN SATELLITE SEARCH (WF/PC-27) "

Keywords : SATURN, SATELLITES, JANUS, EPIMETHEUS, TELESTO, CALYPSO, ATLAS

Proposers: James A. Westphal (PI; Caltech)

The purpose of these observations is to determine the positions of satellites that cannot be observed from the ground (coorbital and shepherding satellites), and that have been indicated by Voyager but not confirmed (satellites in the orbits of the coorbitals, Mimas, Tethys, and Dione), and to do a completeness survey for satellites in the Saturnian system down to 22nd magnitude between the A ring and Dione.

Prop. Type: GTO/WFC   Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1132 - "URANUS AND RINGS (WF/PC-28) "

Keywords : URANUS, PLANETARY ATMOSPHERES, URANUS RING SYSTEM

Proposers: James A. Westphal (PI; Caltech)

WF/PC obsevations will provide high-resolution images of Uranus and its rings in spectral regions not covered by Voyager imaging cameras and/or not possible from the Earth-based observations. At short wavelengths, the global reflectivity of Uranus is less than that of a pure Rayleight atmosphere; thus structure may be visible. The set of observations will be repeated one month later to study secular changes. The ring system and the associated satellites will be observed with the Planetary Camera.

Prop. Type: GTO/WFC   Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1133 - "URANUS SATELLITE AND RING SEARCH (WF/PC-29) "

Keywords : SATELLITES, URANUS, RINGS

Proposers: James A. Westphal (PI; Caltech)

The narrow rings of Uranus have been discovered and observed by occulations of stars. Images of the individual rings have not been achieved. These observations are an attempt at direct imaging of the individual rings. The narrow rings of Uranus, according to theory, are constrained by shepherding satellites. The observations will be searched for shepherding satellites brighter than 22nd magnitude and a completeness survey of inner satellites of Uranus down to that magnitude will be performed. The short exposures will provide accurate positions of the known satellites and a means of determining the positions of the faint discovery satellites with respect to Uranus.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1134 - "NEPTUNE AND RINGS (WF/PC-30) "

Keywords : NEPTUNE, PLANETARY ATMOSPHERES, NEPTUNE RING SYSTEM

Proposers: James A. Westphal (PI; Caltech)

Observations will provide high-resolution images of Neptune and its rings in spectral regions not covered by Voyager spacecraft cameras and/or not possible from the Earth-based observations. At short wavelengths, the global reflectivity of Neptune is less than that of a pure Rayleigh atmosphere; thus structure may be visible. Observations will be made in four sequences, distributed over 18 hours. The tenuous ring system and the associated satellites will be observed with the Planetary Camera.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1135 - "NEPTUNE SATELLITE AND RING SEARCH (WF/PC-31) "

Keywords : SATELLITES, NEPTUNE, RINGS

Proposers: James A. Westphal (PI; Caltech)

There have been reports of the detection of a ring around Neptune and also of negative results. The Neptune satellite system is unusual with two satellites of very different types. These observations are designed for a search for rings and satellites around Neptune to a completeness limit of 23rd magnitude or fainter. The short exposures will provide reference positions.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS, PLUTO) --

1136 - "PLUTO AND ITS SATELLITE (WF/PC-32) "

Keywords : PLUTO, CHARON, PLANET, SATELLITE

Proposers: James A. Westphal (PI; Caltech)

These observations are intended to obtain high resolution, high S/N pictures of Pluto and its satellite so that surface colors, diameters, separations and orbital characteristics can be determined. The observations will be taken as a series at three wavelengths and the series will be taken separated in time to give different sides of Pluto and positions of the satellite in its orbit for accurate orbital characteristics.

Prop. Type: GTO/WFC Selection Cycle : 87A

SOLAR SYSTEM -- (COMETS) --

1137 - "COMPOSITION AND STRUCTURE OF COMETARY COMAE (WF/PC-33) "

Keywords : COMETS, HALLEY'S COMET

Proposers: James A. Westphal (PI; Caltech)

A "target of opportunity" comet will be imaged to resolve the profile shape and comet coronal properties of this nearby comet. The observations will be planned to allow the sublimation process to be monitored for comparison to other comet coronae and with coronal models.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1138 - "MISCELLANEOUS (WF/PC-34) "

Keywords : X-RAY STAR, SUPERNOVA REMNANT, BIPOLAR NEBULA, PULSAR, POLARIMETRY, PHOTOMETRY

Proposers: James A. Westphal (PI; Caltech)

This WF/PC GTO program covers a small group of targets all but one of which are related to the birth and death of stars. These include the Crab, Eta Carina, SS433, and Cygnus Loop, and four bipolar outflow sources. In each case high spatial and S/N imaging will be conducted to better understand the morphology and motions in these unusual objects. Transmission grating, UV and V exposures of NGC 6712, a globular cluster with a central X-ray source, will be taken to identify sources with unusual spectra.

Prop. Type: GTO/AST Selection Cycle : 87A

QUASARS _AGN -- (ASTROMETRY) --

1139- LT - "EXTRAGALACTIC ASTROMETRY AND ASTROPHYSICS - AST/PC PROPOSAL 1139 (JOINT OBSERVATIONS)"

Keywords : QUASARS, BL LACS, AGNS, HIPPARCOS, REFERENCE FRAMES FUNDAMENTAL ASTROMETRY, QUASAR INTERNAL MOTION

Proposers: William H Jefferys (PI; University Of Texas At Austin), J.Westphal (California Institute Of Technology)

The goal of this project is the determination of the rotation of the HIPPARCOS Reference Frame with respect to an Extragalactic Frame. The program will derive the internal optical motions of extragalactic objects (QSOs, BL Lacs, AGNs) at the +/- 0.002 arcsecond per year level of accuracy. 160 SAO stars within the FGSFOV of all selected QSOs, BL Lacs, and AGNs are included in the HIPPARCOS catalog. Ground based speckle observations have been used to pre-detect doubles which would cause problems for the FGS. The FGSs will measure the relative positions of SAO stars with respect to objects brighter than 17 mag. Fainter objects will be observed with the WFPC and FGS together. The objects have been selected in conjunction with the recommendations of the IAU working group in

Radio/Optical Identifications, and have been selected for compactness and intensity. Most of the objects are recommended as ultimate position calibrators.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (QUASAR ABSORPTION) --
1140 - "WEAK ABSORPTION LINES IN 3C273 "
Keywords : QUASAR, ABSORPTION LINES, HALO
Proposers: Ray J. Weymann (PI; Mount Wilson And Las Campanas Obs.), J.Brandt (U. Of Colorado)

HRS spectra of 3C273 will be obtained in the R=20000 mode over the range 1210-1425A and at selected longer wavelengths to detect weak absorption lines. Detections of, or upper limits on low column density remnants of the Lyman Alpha Forest at low redshifts will be made as well as profiles of such lines. Profiles of lines arising in the halo of our galaxy will also be obtained.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --
1141 - "HIGH RESOLUTION SPECTROSCOPY OF THE NUCLEUS OF NGC 4151 "
Keywords : SEYFERT GALAXY, AGN, EMISSION LINE, HALO, ABSORPTION LINES
Proposers: Ray J. Weymann (PI; Mount Wilson And Las Campanas Obs.), E.Beaver (Uc, San Diego), A.Boggess (Nasa, Goddard Space Flight Center), S.Heap (Nasa, Goddard Space Flight Center), J.Hutchings (Dominion Astrophysical Observatory; Canada), B.Savage (Wisconsin, University Of)

Spectra of the Nucleus of NGC 4151 will be obtained in the R=20000 mode with HRS to study detailed emission and absorption structure of selected features as well as obtain spectra of halo absorption. An off-nuclear exposure set will examine any structure in the emission lines. Repeat nuclear observations will check for changes that may have occurred in fine detail in the C IV emission line profile.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (QUASAR ABSORPTION) --

1142 - "HIGH S/N SPECTRA OF 3 INTERMEDIATE REDSHIFT QUASARS "

Keywords : QUASARS, ABSORPTION LINES

Proposers: Ray J. Weymann (PI; Mount Wilson And Las Campanas Obs.)

Very high S/N FOS spectra at R=1200 will be obtained of 3 QSOs (PKS 0405 -123, PG 1634+706 and PG 1718+481) shortward of their Lyman Alpha emission lines. The objective is to determine the exact wavelengths of Lyman Alpha absorption lines (and Lyman Beta where possible) down to very small rest equivalent widths. A selected subset of these lines of varying rest equivalent widths will be studied at R=20000 with HRS as described in a separate proposal, 1143.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (QUASAR ABSORPTION) --

1143 - "PHYSICAL PROPERTIES OF LYMAN ALPHA LINES AT INTERMEDIATE REDSHIFT "

Keywords : QUASAR, ABSORPTION LINES, PROFILES

Proposers: Ray J. Weymann (PI; Mount Wilson And Las Campanas Obs.), J.Brandt (U. Of Colorado)

High resolution (R=20000) spectra with HRS will be obtained of a selection of Lyman alpha (and higher order members) lines in 3 QSOs of intermediate redshift. The lines selected will cover a range of equivalent widths from very weak (less than or equal to 50 mA rest) to very strong. The profiles will be analyzed to determine the column densities, Doppler parameters, and non-thermal mass motions present in the clouds. These data will be used to discuss the physical conditions in the Lyman alpha clouds.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (QUASAR ABSORPTION) --

1144 - "LINEAR EXTENT AND IONIZATION CONDITIONS IN LYMAN ALPHA CLOUDS "

Keywords : QUASARS, ABSORPTION LINES, HELIUM

Proposers: Ray J. Weymann (PI; Mount Wilson And Las Campanas Obs.)

Spectra of the QSO pair Ton 155,156 will be obtained with FOS over the range 1200-2300 A to search for any absorption systems which may or may not be in common with the two, thus setting limits on the linear size of the clouds. HRS observations in the R=2000 mode will be made in the region 1625-1340 A of PG 1115+08 to find any HeI counterparts of the Lyman Alpha forest; and at R=20,000 at 2760 A.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS AGN -- (HOST GALAXY) --
1145 - "IMAGING AND SPECTROSCOPY OF THE LOW REDSHIFT BALQSO PG 1700+518 "
Keywords : QUASAR, ABSORPTION LINES, UNDERLYING GALAXY, MORPHOLOGY
Proposers: Ray J. Weymann (PI; Mount Wilson And Las Campanas Obs.), D.Turnshek (Space Telescope Science Institute)

Imaging with FOC and Spectroscopy with FOS will be carried out on the low redshift BALQSO PG 1700+518 to study the physics and morphology of the absorbing clouds and their relations to the galaxy morphology.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS AGN -- (QUASAR EMISSION) --
1146 - "SPECTROSCOPIC STUDIES OF SEVERAL HIGH REDSHIFT BALQSOS "
Keywords : QUASARS, ABSORPTION LINES
Proposers: Ray J. Weymann (PI; Mount Wilson And Las Campanas Obs.), E.Burbidge (Uc, San Diego), R.Cohen (Uc, San Diego), C.Foltz (Arizona, University Of), G.Hartig (Space Telescope Science Institute), V.Junkkarinen (Uc, San Diego), D.Turnshek (Space Telescope Science Institute)

A survey of the UV spectra of 7 high redshift Broad Absorption Line Quasars (BALQSOs) will be carried out with the prism and low dispersion mode of FOS. Depending upon the flux levels and the features detected, one or two of these objects will be studied further at the R=1200 resolution mode.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --
1147 - "LINE PROFILES OF ROTATING STARS "
Keywords : B STARS, ROTATION, GRAVITY DARKENING, LINE PROFILES
Proposers: John B. Hutchings (PI; Dominion Astrophysical Observatory; Canada)

HRS will be used in echelle mode to obtain line profiles of far UV features in highly rotating B stars. Comparison of these profiles with those at longer wavelengths obtained from the ground will be used to understand the surface gravity darkening and determine the orientation of the stellar rotation axis.

Prop. Type: GTO/HRS   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1148 - "HOT PULSATING WHITE DWARFS "
Keywords : HOT STARS, WHITE DWARFS, PULSATIONAL INSTABILITIES
Proposers: John B. Hutchings (PI; Dominion Astrophysical Observatory; Canada)

Continuous series of spectra with 1 minute time resolution will be taken of two hot subdwarfs with pulsational instabilities. The high time resolution will allow anlysis of the UV continuum variations which will reveal the type of pulsation. Suitable data timing should also reveal line feature changes in profile and velocity. One star is an eclipsing binary and data will be taken at key orbital phases.

Prop. Type: GTO/HRS   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1149 - "HR DEL PHASE DEPENDENT WIND "
Keywords : CATACLYSMIC VARIABLE, MASS-LOSS, STELLAR WIND, OLD NOVA, UV SPECTROSCOPY
Proposers: John B. Hutchings (PI; Dominion Astrophysical Observatory; Canada)

The CIV lambda1550 resonance line will be observed at medium HRS resolution, at 5 orbital phases, to study the phase dependence of the wind from the system. Low resolution IUE data have shown that a wind is seen in the star, with apparent but unresolved changes in an orbit. The data will be used in understanding mass flows in a CV binary system viewed at a known angle.

Prop. Type: GTO/HRS   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1150 - "STELLAR WINDS IN M31, M33 "
Keywords : HOT STARS, MASS-LOSS, STELLAR WINDS
Proposers: John B. Hutchings (PI; Dominion Astrophysical Observatory; Canada), P.Massey (Noao, Kitt Peak National Observatory)

We will obtain UV spectra of OB supergiant stars in M33 AND M31 to study stellar wind phenomena (resonance line profiles and velocities, stellar effective temperatures). We will also derive approximate UV extinction curves for these galaxies. These observations relate to global comparisons between galaxies of different types. WFC UV grating images are requested in parallel to study the OB star population and extinction in these galaxies.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY SOURCES) --

1151 - "LMC X-RAY SOURCES "

Keywords : X-RAY BINARY, HOT STAR, STELLAR WIND

Proposers: John B. Hutchings (PI; Dominion Astrophysical Observatory; Canada)

HRS low dispersion spectra and FOS high dispersion spectra wil be obtained in the UV to study stellar wind lines at selected orbital phases. In LMC X-4, these will be carried out at two precessional phases as well. The data will be used to study stellar wind ionisation and velocity changes with X-ray binary phase, and with variable accretion disk obscuration of X-rays. WFC images with UV grating and UV filter in parallel to study LMC hot star population.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1152 - "STELLAR WIND VARIATIONS "

Keywords : OB STARS, STELLAR WINDS, BINARIES, TIME VARIATIONS

Proposers: John B. Hutchings (PI; Dominion Astrophysical Observatory; Canada)

UV spectroscopy will be done at 2 x 10super4 resolution on the principal stellar wind lines of OB stars with mass-loss. Each star will be observed twice to study time changes in line profiles. Several stars are interacting binaries. These will also be observed at key binary phases to study phase dependent wind variations. WFC parallel observations with UV grating are requested on one SMC star.

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (DUST) --

1153 - "UV INTERSTELLAR EXTINCTION IN THE SMC "

Keywords : REDDENED BO STARS IN SMC FOR UV EXTINCTION

Proposers: John B. Hutchings (PI; Dominion Astrophysical Observatory; Canada)

IUE spectra have shown that the SMC has high UV extinction compared with the galaxy. Because of this IUE data have not been good enough to define the extinction curve well. This proposal is to obtain good S/N data on reddened and unreddened stars of the same type in the SMC, to obtain better estimate of the UV extinction curve. Parallel WFC exposures in the SMC with the prism will pick out hot stars for further studies and map the UV extinction.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (HOST GALAXY) --

1154 - "SPECTROSCOPY OF QSO HOST GALAXIES "

Keywords : QUASARS, HOST GALAXIES, INTERACTING GALAXIES

Proposers: John B. Hutchings (PI; Dominion Astrophysical Observatory; Canada)

FOS spectra will be taken at selected off-nuclear positions of nearby QSOs. Ground-based imaging has indicated features of interest at these places, such as blue regions, spiral arms, bright areas, or interacting faint companion galaxies. The investigation will determine the velocities and nature of the faint luminous regions surrounding these QSOs.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1155 - "UV LINE PROFILES OF AM HER STARS "

Keywords : AM HER STARS, EMISSION LINE PROFILES, MAGNETIC FIELDS

Proposers: John B. Hutchings (PI; Dominion Astrophysical Observatory; Canada), A.Cowley (Arizona State University), D.Crampton (Dominion Astrophysical Observatory; Canada)

AM Her type binaries contain highly magnetic accreting White Dwarf stars. Emission lines originate in complex columns of accreting material and their profiles change significantly in times of a few minutes as the line of sight geometry alters with binary phase. IUE data reveal that emission lines are present in the UV spectrum but lack the spectral and time resolution to study profile changes. The UV resonance lines arise in different parts of the accretion column from the visible - so will allow new insights into the accretion mechanisms.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (QUASAR EMISSION) --

1156 - "QSO EMISSION LINE PROFILES "

Keywords : QSO, AGN, LINE PROFILE, UV SPECTRA

Proposers: John B. Hutchings (PI; Dominion Astrophysical Observatory; Canada), M.Derobertis (Uc, Santa Cruz)

HRS will be used at medium dispersion to obtain profiles of UV emission lines of low redshift QSOs, and Sy 1 galaxies. Repeat observations will be made to observe changes.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (HOST GALAXY) --

1157 - "IMAGING OF DISTANT ACTIVE GALAXIES "

Keywords : HOST GALAXIES, IMAGING OF QUASARS

Proposers: John B. Hutchings (PI; Dominion Astrophysical Observatory; Canada), A.Gower (Victoria, University Of; Canada), J.Kormendy (Dominion Astrophysical Observatory; Canada)

WF/PC will be used to image two objects of interest in various wavelengths. 1) The quasar 2305+187 which is marginally resolved as interacting from the ground; 2) The galaxy NGC 4874 which is marginally resolved as having a bright nucleus and dust lane from the ground.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1158 - "CORONAL FLARES "

Keywords : CORONAE, FLARE STARS, X-RAY STARS, M DWARFS

Proposers: Stephen P. Maran (PI; Nasa, Goddard Space Flight Center), J.Brandt (Colorado, University Of), K.Carpenter (Colorado, University Of), J.Linsky (Colorado, University Of), R.Shine (Lockheed Palo Alto Res. Lab.), F.Walter (Colorado, University Of), B.Woodgate (Nasa, Goddard Space Flight Center)

We will observe coronal flares in AU Mic with the HRS. Spectral coverage is traded in favor of time resolution; a single grating setting in medium resolution mode, however, allows us to observe emissions from Fe XXI, Fe XII, and O V, so that the emissions from flare plasmas at 1E7 K, 1.6E6 K, and 2.5E5 K can be compared. The same setting allows us to monitor bright lines of O I and C I, so that coronal flares can be related to activity in the 10,000 K plasma. Groundbased observations will be scheduled to determine the response of photospheric gas to the coronal flare; radio and X-ray observations will also be arranged or solicited if possible.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1159 - "CORONAL LINE SURVEY IN LATE-TYPE STARS "

Keywords : CORONAE, LATE-TYPE STARS, X-RAY STARS, CORONAL ACTIVITY

Proposers: Stephen P. Maran (PI; Nasa, Goddard Space Flight Center), J.Brandt (Colorado, University Of), K.Carpenter (Nasa, Goddard), J.Linsky (Colorado, University Of), R.Shine (Lockheed Palo Alto Res. Lab.), F.Walter (Colorado, University Of), B.Woodgate (Nasa, Goddard Space Flight Center)

This is the first survey of coronal lines in the ultraviolet spectra of late-type stars. The eight targets were chosen on the basis of large apparent X-ray fluxes and large ratio of hot-to-cool component in X-ray fluxes. The objectives are to detect and measure coronal lines, together with transition region and chromospheric lines that can be observed at the same HRS grating setting, to investigate the temperature, density distribution in the outer atmospheres of late-type stars, and to look for possible activity in the coronal lines, since even targets that are not recognized flare stars on the basis of present data on chromospheric and photospheric activity may produce detectable flares when observed in coronal lines. For maximum signal-to-noise in the coronal lines, assuming the corona is quiet, all of the observing time allocated per star is used at a single grating setting. However, brief exposures are made in repeat observation mode so that if the lines are bright, presumably due to flaring, variability information will be preserved. The results will be analyzed together with available X-ray data and other relevant observations from other facilities.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

1160 - "ABSORPTION CLOUD PHYSICS IN SEYFERT GALAXY NUCLEI "

Keywords : SEYFERT GALAXIES, BROAD LINE CLOUDS, X-RAY SOURCES

Proposers: Stephen P. Maran (PI; Nasa, Goddard Space Flight Center), J.Brandt (Colorado, University Of), J.Hutchings (Dominion Astrophysical Observatory; Canada), R.Mushotzky (Nasa, Goddard Space Flight Center), A.Smith (Nasa, Goddard Space Flight Center), R.Weymann (Mt. Wilson _Las Companas Obs.)

This is an investigation of the clouds associated with the broad line region in the nuclei of Seyfert galaxies. The targets are low-luminosity, unreddened Seyferts, X-ray selected for column densities of cool (below 1 million K) gas that exceed 10(superscript 22) atoms/sq cm. Of the three higher-priority targets, in NGC 3227 and NGC 3783 the X-ray covering fraction has been measured, while in NGC 3516, there is strongly variable X-ray absorption and IUE observations reveal C IV absorption but do not show Mg II absorption. HRS observations are proposed that will locate C IV and Mg II absorption lines due to individual clouds and determine physical properties in the absorbing material, the covering fraction of the absorbing clouds, and the column density in a single cloud. Temporal changes in the absorption lines will be studied.

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1161 - "INTRINSIC AND INTERSTELLAR LINES IN A HOT, HE-RICH WHITE DWARF "

Keywords : WHITE DWARF STARS, LOCAL INTERSTELLAR MEDIUM, DEUTERIUM

Proposers: Stephen P. Maran (PI; Nasa, Goddard Space Flight Center), F.Bruhweiler (Catholic University Of America), Y.Kondo (Nasa, Goddard Space Flight Center)

This is a program to obtain data at high signal-to-noise at the wavelengths of intrinsic and interstellar lines in HD 149499B. The target is at a distance of 34 pc and is the brightest He-rich white dwarf. Thus, it should pose the least problem with stellar H I contamination among stars suitable for use in deriving the D/H ratio in the local interstellar medium. The observations will also address the question of whether He-rich white dwarfs are subject to the effects of convective dredge-up of C. Finally, the measurements of lines of selected ions will provide useful information on the role of radiative levitation in the atmosphere of the star.

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1162 - "INTERSTELLAR ABUNDANCE TOWARD TWO STARS WITH HIGH DEPLETION "

Keywords : INTERSTELLAR, GAS, SPECTROSCOPY, UV

Proposers: Blair D. Savage (PI; Wisconsin, University Of)

5 HRS 10 resolution spectra of many interstellar lines will be obtained for Rho Oph A (HD 147933) and NU Ori (HD 37061). The data will be used to study the heavy element depletion and gas physical conditions toward stars with large gas to E(B-V) ratios.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS AGN -- (ABSORPTION LINES) --

1163 - "ABSORPTION BY EXTRAGALACTIC GASEOUS HALOS "

Keywords : SPECTROSCOPY, QUASAR, GALAXY HALOS, ABSORPTION LINES

Proposers: Blair D. Savage (PI; Wisconsin, University Of)

FOS spectra of bright quasars situated off the edges of foreground galaxies will be obtained to search for UV absorption produced by extragalactic halo gas.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --
1164 - "SPECTROSCOPY OF THE CENTRAL OBJECTS OF NGC 3603 "
Keywords : SPECTROSCOPY, STARS
Proposers: Blair D. Savage (PI; Wisconsin, University Of), D.Ebbets (Space Telescope Science Institute)

The central object of NGC 3603 has spectroscopic characteristics very similar to R136a. In this program HRS G140L spectra will be obtained of the two UV brightest components of the central object. The goal is to determine the nature of the central objects of giant H II regions.

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --
1165 - "SPECTROSCOPY OF MILKY WAY HALO GAS "
Keywords : INTERSTELLAR, GAS SPECTROSCOPY, UV, HALO
Proposers: Blair D. Savage (PI; Wisconsin, University Of), D.Ebbets (Space Telescope Science Institute)

Milky Way halo gas will be studied at resolutions of E+5 and 2xE+4 by observing selected interstellar lines toward galactic and extragalactic objects. Information about kinematics, physical condition, and abundances in the as will be obtained.

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --
1166 - "INTERSTELLAR ABSORPTION TOWARD THE LMC AND SMC "
Keywords : INTERSTELLAR, GAS, SPECTROSCOPY, UV
Proposers: Blair D. Savage (PI; Wisconsin, University Of), J.Brandt (Nasa, Goddard Space Flight Center)

HRS E+5 and 2xE+4 resoulution spectra will be obtained of selected interstellar lines toward HD 36402 in the LMC and HD 5980 in the SMC. The data will be used to determine physical conditions and abundances in Milky Way and Magellanic Cloud gas.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (ABSORPTION LINES) --

1167 - "METALLIC ABSORPTION LINES IN THE HALO OF NGC 3067 "
Keywords : SPECTROSCOPY, QUASAR, GALAXY HALOS, ABSORPTION LINES
Proposers: Blair D. Savage (PI; Wisconsin, University Of), J.Brandt (Nasa, Goddard Space Flight Center), R.Weymann (Arizona, University Of)

This program will investigate the velocity structure and abundances of Fe II and Mg II in the halo and/or extended disk of NGC 3067. HRS 20,000 resolution spectra will be obtained at 2800 and 2590 A for 3C232.

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1168 - "INTERSTELLAR CARBON AND OXYGEN "
Keywords : INTERSTELLAR ABUNDANCES
Proposers: Michael Jura (PI; Uc, Los Angeles)

This work is to observe interstellar oxygen and carbon within 1 kpc of the sun.The goal is to measure the gas phase abundaces of these species, the densities and temperatures within the clouds, the amount of CO, the electron densities, and the mean intensity of the ultraviolet radiation field. These numbers will greatly improve our understanding of the interstellar medium.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1169 - "GAS DYNAMICS AROUND MIRA B "
Keywords : INTERACTING BINARY
Proposers: Michael Jura (PI; Uc, Los Angeles), F.Paresce (Space Telescope Science Institute)

Mira B is powered by accretion from the wind of the red giant companion. The aim of this work is to understand better the process of accretion by obtaining spectra and images of the flow. Also, as has been proposed for other objects powered by gravitational accretion, we hope to determine if there is also some outflow from Mira B

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (QUASAR EMISSION) --

1170 - "UV SPECTROSCOPY OF LOW-REDSHIFT ACTIVE GALAXIES "

Keywords : ACTIVE GALACTIC NUCLEI, SEYFERT, LINE PROFILES, BROAD LINE REGION, NARROW LINE REGION

Proposers: Albert Boggess (PI; Nasa, Goddard Space Flight Center), C.Wu (Computer Science Corporation)

HRS will be used to measure the ultraviolet spectrum of active galaxies. Complementary and simultaneous visual and infrared data will also be obtained. The profile of the emission lines will provide information on the broadening mechanism and dynamics of the emitting regions. Comparison of the profile and radial velocity of the emission lines produced by species of different ioni- zation potential will allow the study of the thermal and density stratification of the emitting regions. The degree of asymmetry of lines at different wave- lengths will allow the absorbing material be identified and located. The ratio of the UV to visible lines, such as those for O I and He II will be used to estimate the reddening along the line of sight. Ratio of emission line fluxes will be compared with models in order to derive the ionization mechanism, elec- tron temperature and density, and chemical composition of the emitting gas. The emission line properties of low luminosity will be compared with those of high luminosity objects in order to investigate the covering factor and evolutionary effects. The continumm spectrum from the UV to the IR will be used to establish the emission mechanism and the nature and luminosity of the energy source. The weak absorption lines will be used to establish the physical conditions and the chemical composition of the gas in: our Galaxy, intergalactic medium and the parent galaxy. Absorption produced by broad line clouds will give information on cloud motion and covering factor.

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1171 - "STUDIES OF THE LOCAL INTERSTELLAR MEDIUM "

Keywords : INTERSTELLAR LINES - UV- SPECTROSCOPY - GAS

Proposers: Albert Boggess (PI; Nasa, Goddard Space Flight Center), F.Bruhweiler (Catholic University Of America), Y.Kondo (Nasa, Goddard Space Flight Center)

Interstellar absorption line data obtained by the HRS for four selected nearby A and B stars with large v sin (i) will be used to probe the physics of the local interstellar medium. Special emphasis will be placed on understanding the phsical conditions in the region within 25 pc, especially the local cloud. Data will also be obtained for the possible protoplanetary system, beta Pic, to search for molecular OH and place constraints upon te phsical condition in the circumstellar nebula.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS _AGN -- (BL LAC) --

1172 - "SPECTROSCOPY OF BL LAC OBJECTS "

Keywords : (1) ACTIVE GALACTIC NUCLEI - BL LAC OBJECTS; (2) INTERSTELLAR MEDIUM - GALACTIC HALO

Proposers: Albert Boggess (PI; Nasa, Goddard Space Flight Center), F.Bruhweiler (Catholic University Of America), Y.Kondo (Nasa, Goddard Space Flight Center), C.Urry (Massachusetts Institute Of Technology)

Two of the brightest X-ray emitting BL Lac objects, PKS 2155-304 and MK 421, will be observed for dual scientific purposes. The first objective is to look for the possible shortward shifted absorption in strong UV lines (e.g. C IV, Si IV and N V) to follow up on the report of shortward-shifted absorption in the X-ray by Canizares and Kruper (Ap.J., 278, 199 - 1984). A detection of such absorption would provide additional support to the relativistic jet model, in which a gas jet from BL Lac nucleus is moving toward us. The second objective is to probe the galactic halo gas using those bright BL Lac objects as continuum background source. The lines to be probed include N V, C IV, Si IV, Mg II, Mg I, C I and H I. Based on the X-ray absorption, the absorption lines occurring in the putative jet are expected to be significantly broader than the absorption lines occurring in the halo.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1173 - "SPECTROSCOPY OF TWO WHITE DWARFS "

Keywords : STARS - WHITE DWARFS - ABUNDANCE - CHEMICAL PECULIAR STAR - MASS LOSS

Proposers: Albert Boggess (PI; Nasa, Goddard Space Flight Center), F.Bruhweiler (Catholic University Of America), Y.Kondo (Nasa, Goddard Space Flight Center)

Two hot DA white dwarfs, G191-B2B and W1346 will be observed with the HRS. Both of these objects have been observed previously with IUE and reveal trace amounts of heavy elements in the surrounding expanding halo of G191-B2B and in the photosphere of W1346. These observations have three scientific objectives: 1) to quantitatively test if diffusion and levitation can explain the observed abundances in these objects; 2) to analyze absorption profile information to obtain a clearer understanding of the mass loss process in these objects; and 3) to derive ionic column densities from the observed interstellar features and place constraints on physical conditions of the local interestellar medium toward these objects.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1174 - "SPECTROSCOPY OF INTERACTING BINARIES "

Keywords : STAR - BINARY STARS - MASS FLOW - EVOLUTION

Proposers: Albert Boggess (PI; Nasa, Goddard Space Flight Center), F.Bruhweiler (Catholic University Of America), Y.Kondo (Nasa, Goddard Space Flight Center), G.Mccluskey Jr. (Lehigh University)

Ten interacting binaries have been selected to investigate the manner of mass flow in them. Based on available data, they are quite possibly in or near the rarely-observed, short-lived phase of supercritical mass transfer. Currently, only beta Lyrae is strongly presumed to be in that state. The scientific objectives are (a) to determine if they are indeed in that phase and (b) to investigate the manner of mass flow in those binaries.

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1175 - "LOCAL INTERSTELLAR MEDIUM AND D/H RATIO "

Keywords : HYDROGEN COLUMN DENSITY, DEUTERIUM COLUMN DENSITY, DEUTERIUM ABUNDANCE

Proposers: Jeffrey L. Linsky (PI; Colorado, University Of), S.Heap (Nasa, Goddard Space Flight Center), M.Jura (Uc, Los Angeles), W.Landsman (Nasa, Goddard Space Flight Center), B.Savage (Wisconsin, University Of), A.Smith (Nasa, Goddard Space Flight Center)

We will observe the Lyman alpha line at 100,000 spectral resolution towards 7 late-type local stars. The purpose is to derive the hydrogen and deuterium column densities and D/H ratios along lines of sight towards nearby stars. High resolution spectra of the MgII and FeII lines will be obtained to help determine the broadening parameter and whether material along these lines of sight has more than one velocity component.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1176 - "DYNAMICS AND ENERGY BALANCE IN STELLAR TRANSITION REGIONS "

Keywords : STELLAR CHROMOSPHERES, STELLAR TRANSITION REGIONS, F-M DWARF STARS, G-K GIANT STARS, STELLAR ACTIVITY

Proposers: Jeffrey L. Linsky (PI; Colorado, University Of), A.Brown (Colorado, University Of)

We propose to study the dynamics of stellar transition regions by measuring the redshifts, indicative of downflows, in lines of C III, C IV, Si IV, and O IV.The energy balance and heating rates in stellar chromospheres and transition regions will be derived from an emission measure analysis of emission line fluxes and densities inferred from density sensitive line ratios. Stars of interest include dwarf stars of spectral type F-M, active G and K giants, and RS CVn binary systems.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1177 - "SEARCH FOR HOT PLASMAS IN THE OUTER ATMOSPHERES OF K GIANTS "

Keywords : K III STARS, K I STARS, GIANTS, SUPERGIANTS, CHROMOSPHERES, CORONAE

Proposers: Jeffrey L. Linsky (PI; Colorado, University Of)

The goal of this program is to search for evidence of any plasma hotter than 10,000 K in the outer atmospheres of K giant stars for which no such evidence presently exists. We will search for evidence of emission lines of C III, Si III, C IV, Si IV, and N V in very deep HRS specta. Upper limits to the strength of these emission lines will place stringent constraints on the amount of hot plasma in the out atmospheres of these stars and thus on the nonradiative heating processes.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1178 - "FLUORESCENT PROCESSES IN THE ATMOSPHERES OF K GIANT STARS "

Keywords : K III STARS, ARCTURUS

Proposers: Jeffrey L. Linsky (PI; Colorado, University Of)

We propose to study the formation of emission lines of CO, H2, SI, and other species that are pumped by bright chromospheric emission lines like Lyman Alpha. The purpose is to understand the physics of these fluorescent processes.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1179 - "HYBRID STAR WINDS AND TRANSITION REGIONS "

Keywords : K II STARS, GI STARS, GIANTS, SUPERGIANTS, CHROMOSPHERES, CORONAE, WINDS

Proposers: Jeffrey L. Linsky (PI; Colorado, University Of)

This program will study the temperatures, densities, outflow velocities, and mass loss rates in hybrid-chromosphere stars. In particular, we will determine whether the hot plasma participates in the outflow or whether the wind consists entirely of cool gas. Atmospheric models will be derived of both the hot and cool gas using an emission measure analysis and density-sensitive line ratios.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1180 - "TRANSITION REGIONS IN VERY LATE M DWARFS "

Keywords : MS STAR, MV STARS, X-RAY STAR, FLARE STAR

Proposers: Jeffrey L. Linsky (PI; Colorado, University Of), C.Ambruster (Jila, University Of Colorado), M.Giampapa (National Solar Observatory), S.Maran (Nasa, Goddard Space Flight Center)

We propose to search for transition region emission lines indicative of 1.0E+5 K plasma in the ultraviolet spectra of the coolest M dwarf stars of both the dM and dMe types. With such data we will study the heating rates and energy balance in the transition regions of these stars and compare such data with stars of earlier spectral type. An important question is whether transition regions disappear or have significantly smaller heating rates in the late M dwarfs as is suggested by the X-ray data.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1181 - "STUDY OF THE WIND ACCELERATION IN ZETA AURIGAE "

Keywords : K4IB STAR, ZETA AURIGAE, SUPERGIANT, SPECTROSCOPIC BINARY, STELLAR WINDS

Proposers: Jeffrey L. Linsky (PI; Colorado, University Of), J.Brandt (Nasa, Goddard Space Flight Center), S.Heap (Nasa, Goddard Space Flight Center), D.Reimers (Hamburger Sternwarte; Germany, West), R.Weymann (Arizona, University Of)

The goal of this program is to study the wind acceleration process in K supergiants by observing the eclipsing Zeta Aurigae system at a number of phases during its eclipse centered on 4 August 1990. High resolution profiles of P Cygni-type lines formed in the wind of the K4Ib supergiant projected against the B8 star will be analyzed to determine the velocity law, mass low rate, and ionization state of the wind. Observations will be at a number of phases during the ingress or egress, but all should be either during ingress or during egress.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1182- LT - "ELEMENTAL ABUNDANCES IN EARLY-TYPE STARS "

Keywords : MS STAR, HB STAR, CHEMICALLY PECULIAR STAR, ABUNDANCE, SPECTROSCOPY, UV

Proposers: David S. Leckrone (PI; Nasa, Goddard Space Flight Center), J.Brandt (Nasa, Goddard Space Flight Center), K.Carpenter (Nasa, Goddard Space Flight Center)

The resolving power and photometric quality of HRS data are exploited in an extensive investigation of the elemental abundances, atmospheric properties and evolutionary characteristics of sharp-lined B and A stars. Three classes of stars are included - chemically peculiar (CP) non-magnetic late B stars of the HgMn class, an early-A type horizontal branch star and sharp-lined normal stars ranging from B6 to A2. Analyses of the CP stars will establish constraints on models for the production of abundance anomalies. The field horizontal branch star's CNO abundances, obtained form low-excitation UV lines, will provide a critical check of abundances derived from high excitation transtions observed in the red and near-IR, the latter being susceptible to large non-LTE effects. Abundances obtained from the spectra of the normal stars provide a framework of comparison standards for the study of CP stars and allow us to place limits on star-to-star variations in abundance, perhaps reflecting local patterns of nucleosynthesis. The program is divided into seven research topics. The R=100,000 mode is used to investigate specific issues raised by previous studies. The R=20,000 mode is used to obtain complete UV spectra of selected CP and normal stars to be used for global abundance analyses.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1183 - "ECHELLE ATLASES OF BRIGHT STARS "

Keywords : MS STAR, CHEMICALLY PECULIAR STAR, ABUNDANCE, SPECTROSCOPY, UV

Proposers: David S. Leckrone (PI; Nasa, Goddard Space Flight Center)

These observations constitute an HRS team project to obtain complete ultraviolet spectra of bright, sharp-lined stars at the highest resolving power of the HRS (R=10dex5). This spectral region (1250A or lower to 3000A) is exceedingly complex, in terms of line density and in terms of variety of species present. It has never before been observed in stars other than the Sun at this resolution. One "normal" star (including Sirius which is in fact a mild Am star) is included to provide a spectroscopic reference standard and abundance data. One Bp star is included to allow exploration of abundance anomalies at the finest possible level of detail.

Prop. Type: GTO/HRS Selection Cycle : 87A

SOLAR SYSTEM -- (COMETS) --

1184 - "ULTRAVIOLET ATLAS OF BRIGHT, SUITABLE COMET OF OPPORTUNITY "
Keywords : COMET, SPECTROSCOPY, ULTRAVIOLET ATLAS
Proposers: John C. Brandt (PI; Lasp-University Of Colorado)

This project is a replacement for the Halley's Comet observations by the HRS outlined in our original proposal. Our intention is to select a comet of opportunity that is bright enough to obtain useful observations in the ultraviolet and that has an orbit which permits acquisition and tracking by the Space Telescope over a extended period of time. The goal is to obtain basically an HRS Atlas concentrating on 20,000 spectral resolution. The strategy will be to take initial spectra in the HRS low resolution mode and with the FOS for identifications of suitable spectral regions to be obtained to show changes with heliocentric distance. The detailed plan for this project cannot be identified at present, and moveover, the project may run outside the original limits of GTO time. Copies of the correspondence on this proposal are attached for the record. Also attached is a sheet which sketches the broad goals and strategy in greater detail. This is a priority 1 observing program, cycle TBD.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1186 - "IMAGERY AND UV SPECTROSCOPY OF MATTER EJECTED FROM ETA CARINAE "
Keywords : STELLAR EVOLUTION, MASS LOSS, NUCLEOSYNTHESIS
Proposers: Dennis C. Ebbets (PI; Ball Aerospace Corporation), K.Davidson (Univ Of Minnesota), N.Walborn (Space Telescope Science Institute), A.Warnock (Nasa/Gsfc)

The Planetary Camera and the High Resolution Spectrograph will be used to study the knots of material which have been ejected from Eta Carinae. Two sets of PC images in the light of H-Alpha will be taken at widely separated epochs. Analysis of the images will provide new information about the distribution, morphology and motions of the ejecta. Ultraviolet spectra of two bright knots will be obtained with the HRS. The spectral region 1150-1950A will be observed with configuration G140L, allowing emission line fluxes, profiles, and velocities to be studied. A signal to noise ratio of 25 in the brighter lines is anticipated. Searches for as yet undetected lines of carbon and oxygen will be possible to much fainter limits on the fluxes. REVISED 7/20/88 FOR PHASE 2 UPDATED 9/15/89 FOR CYCLE 1 PHASE 2 WF/PC images revised 10/89

Prop. Type: GTO/HRS Selection Cycle : 87A

GALAXIES _CLUSTERS -- (PECULIAR GALAXIES) --
1187 - "IMAGERY AND UV SPECTROSCOPY OF GALAXIES WITH STARBURST NUCLEI "
Keywords : EMISSION LINE GALAXY, NUCLEUS, INTERACTING GALAXIES, EXTRAGALACTIC HII REGION
Proposers: Dennis C. Ebbets (PI; Ball Aerospace Corporation), V.Balzano (Computer Science Corporation), M.Shara (Space Telescope Science Institute)

Galaxies with starburst nuclei show evidence for large populations of massive hot stars existing in a small volume in the nucleus. This phenomenon may be a precursor to more dramatic activity powered by the evolutionary endproducts of millions of high mass stars. Multiband images obtained with the Wide Field Camera will be used to invesitgate the location, size, structure, colors and luminosity of the starburst region. Ultraviolet spectroscopy with the High Resolution Spectrograph will provide direct insight into the nature of the hot stars. Interstellar gas in the target galaxy, and in or near the Milky Way will be probed by high resolution observations of selected absorption lines.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --
1188 - "UV SPECTROSCOPY OF THE COMPONENTS OF R136 "
Keywords : SUPERGIANT STAR, WOLF-RAYET STAR, MASS LOSS, LMC 30 DORADUS
Proposers: Dennis C. Ebbets (PI; Ball Aerospace Corporation), B.Savage (Wisconsin, University Of)

R136 is the bright central object of the 30 Doradus nebula in the LMC. It contains an unusually tight grouping of very massive and luminous O and Wolf-Rayet type stars. The brightest recognizeable component, called R136A1, may be an unresolved group of several stars, or may be a single object with a mass of order 800 Mo. Detailed studies of the individual components have been hampered by a lack of sufficient spatial resolution. The High Resolution Spectrograph will be used to obtain detailed ultraviolet spatial and spectral information about the five or so brightest discrete components. The goal of the program is to study the spectral morphology, stellar wind characteristics, ultraviolet luminosities and ultimately the masses included in this unusual and interesting object.
redlined for phase 2, 7/19/88, dce updated for cycle 1 phase 2 9/21/89

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1189 - "AN ATLAS OF INTERSTELLAR MOLECULAR ABSORPTION SPECTRA TOWARDS ZETA OPHIUCHI"

Keywords : INTERSTELLAR GAS, INTERSTELLAR MOLECULES

Proposers: Dennis C. Ebbets (PI; Ball Aerospace Corporation), J.Brandt (Nasa, Goddard Space Flight Center)

Zeta Ophiuchi is one of the best studied lines of sight for interstellar absorption lines. Interstellar observations represent one of the primary scientific objectives of the High Resolution Spectrograph. Towards the end of the GTO period, the HRS science team (IDT) will use its collective experience and wisdom to produce a very high quality atlas of interstellar molecular absorption lines, both as a data base for studies of the spectra, and as a demonstration to all future users of how to achieve the ultimate performance from the Echelle configurations.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1190- LT - "FUV EMISSION LINE PROFILES OF W SERPENTIS BINARIES "

Keywords : INTERACTING BINARIES - W SERPENTIS - RX CAS-SX CAS

Proposers: Edward Beaver (PI; Uc, San Diego), J.Weiland (Applied Research Corporation)

We propose to use the HRS at intermediate resolution for the study of FUV emission line profiles in SX Cas, RX Cas, and W Ser (all are interacting binaries of the W Serpentis type).The lines of interest are:N V 1240,C II 1335, Si IV 1400, Si II 1533, C IV 1550 and Al II 1670. These lines may be observed in these binaries with IUE at low dispersion, but all profile information is lost at this resolution: all of the listed systems are too faint to be observed at IUE high dispersion. The emission lines are believed to arise from a high excitation wind powered by the accretion process. Modelling of observed line profiles will yield information about the physical properties of the mass outflow in these systems, as well as providing insight into a stage of evolution which many close binaries appear to undergo.

Prop. Type: GTO/HRS   Selection Cycle : 87A

QUASARS _AGN -- (QUASAR ABSORPTION) --

1191 - "PHYSICAL CONDITIONS IN LOW Z ABSORPTION LINE SYSTEMS IN QSOS "
Keywords : QUASAR, BL LAC OBJECTS, SPECTROSCOPY, ABSORPTION LINES
Proposers: Edward Beaver (PI; Uc, San Diego), R.Cohen (Uc, San Diego), H.Smith (Uc, San Diego)

We are proposing to make detailed observations of the low redshift absorption line systems in two QSOs which have been studied in detail at optical wavelengths. These observations will allow comparison with higher redshift QSO absorption line systems and with absorption from galaxy halos, the leading candidate for the site of such absorption.

Prop. Type: GTO/HRS   Selection Cycle : 87A

QUASARS _AGN -- (QUASAR EMISSION) --

1192 - "ULTRAVIOLET LINE PROFILES OF OX 169 (2141+174) "
Keywords : QUASARS, ABSORPTION LINES
Proposers: Edward Beaver (PI; Uc, San Diego), R.Cohen (Uc, San Diego), H.Smith (Uc, San Diego)

We will observe Lyman-alpha and CIII] in the QSO OX 169, whose Balmer lines show a feature which is either due to self absorption or narrow-line emission. These observations will resolve the issue and may provide unique information about QSO broad-line clouds.

Prop. Type: GTO/HRS   Selection Cycle : 87A

QUASARS _AGN -- (QUASAR ABSORPTION) --

1193 - "LYMAN-ALPHA REGION OF QSOS WITH STRONG ABSORPTION LINES "
Keywords : QUASARS, ABOSORPTION LINES, 21-CM
Proposers: Edward Beaver (PI; Uc, San Diego), R.Cohen (Uc, San Diego), A.Davidsen (Johns Hopkins University), B.Margon (Washington, University Of)

FOS Spectra will be obtained of the L-alpha region of 3 quasars with 21 cm absorption. Measurement of the spin temperature and column depth will allow us to discriminate between different models for the absorbing gas.

Prop. Type: GTO/HRS Selection Cycle : 87A

QUASARS AGN -- (QUASAR ABSORPTION) --

1194 - "IMAGING AND SPECTROSCOPY OF THE NEARBY QSO 2130+099 "
Keywords : QUASARS, SPIRAL GALAXY, STELLAR POPULATION, MORPHOLOGY
Proposers: Sara Heap (PI; Nasa/Gsfc)

We will make four types of observations of the nearby QSO 2130+099: (1) images with the PC: (2) UV maps of the nucleus with the HRS; (3) UV spectrum of the nucleus with the HRS; and (4) (off-nuclear) UV spectrum of the host galaxy with the HRS.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1195 - "WINDS OF COOL LUMINOUS STARS: DENSITIES, TEMPERATURES, GEOMETRIC EXTENTS, AND VELOCITY STRUCTURES"
Keywords : COOL STARS: WINDS, CHROMOSPHERES, MASS-LOSS.
Proposers: Kenneth G. Carpenter (PI; Nasa - Goddard Space Flight Center), J.Linsky (Colorado, University Of)

The goals of this program are to determine the physical characteristics of the winds/chromospheres around cool luminous stars. The electron density and temperature in, and the radial geometric extent of, the wind regions will be determined from HRS observation of the C II (UV 1) 1335 A and C II (UV 0.01) 2325 A multiplets. The C I lines near 1657 and 1994 A will be used to obtain an independent estimate of the electron density in these regions. The C II (UV 0.01) lines will also be used to estimate the turbulence in these chromospheres. HRS observations of a set of Fe II lines in the 2700 - 2800 A region will be used to study the dependence of the wind velocity on radial distance above the photosphere. High quality Mg II profiles will be acquired to search for discrete velocity features within the profiles. The photospheric absorption-line spectrum (2579-2675 A) of Arcturus will be observed in the echelle mode. Medium resolution observations of Fe II and Mg II in the dusty, very luminous star Mu Cep will provide information on the effect of dust and very low gravity on the wind velocity field.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1196 - "CHROMOSPHERES OF DUSTY STARS "
Keywords : COOL STARS: DUST, CHROMOSPHERES, WINDS, MASS-LOSS
Proposers: Kenneth G. Carpenter (PI; Nasa - Goddard Space Flight Center), J.Linsky (Colorado, University Of)

The goals of this program are to study in detail the chromospheric characteristics of one "dusty" star, R Dor, and to briefly examine the chromospheres of several other dusty stars. The High Resolution

Spectrograph will be utilized to obtain moderate resolution spectra of the fluorescent Fe I emission lines near 2830 A and the large number of Fe II emission lines in the 2575 - 2800 A region for R Dor. In addition, the echelle mode will be used to obtain high resolution observations of the Mg II emission lines near 2800 A in R Dor and several other dusty stars. These data will be used to produce models of the outer atmosphere of R Dor and to determine the velocity structure of its wind. The Mg II profiles from all the spectra will be used to estimate outflow velocities and the strength of each star's chromosphere. The results will be used to gauge the effect of high dust levels on the outer atmospheres of cool luminous stars.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1197 - "FOC OBSERVATIONS OF THE EXTENDED CHROMOSPHERE OF ALPHA SCO A "

Keywords : COOL STARS: CHROMOSPHERES, WINDS, MASS LOSS; INTERACTING BINARIES.

Proposers: Kenneth G. Carpenter (PI; Nasa - Goddard Space Flight Center), A.Brown (Colorado, University Of), J.Linsky (Colorado, University Of)

The aim of this proposal is to obtain direct imaging of the extended chromosphere/stellar wind of the cool supergiant star Alpha Sco A, using the FOC/288 mode in the ultraviolet. The spatial properties, such as asymmetric mass loss and the radial variation of density and temperature, of the wind will be investigated. We also hope to detect and study the ionization/shock front between this stellar wind and that from the companion B-star. The 0.4 arcsec coronographic finger will be used to block the disk of the B-star and prevent an overexposure of the FOC.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1198 - "PHYSICAL CONDITIONS AND VELOCITY STRUCTURES IN THE RED GIANT WINDS IN THE BINARIES CI CYG AND EG AND"

Keywords : COOL STARS; CHROMOSPHERES, WINDS, MASS LOSS, BINARIES; SYMBIOTIC STARS

Proposers: Kenneth G. Carpenter (PI; Nasa - Goddard Space Flight Center), J.Linsky (Colorado, University Of), R.Stencel (Colorado, University Of)

This proposal represents a two pronged attack aimed at understanding the detailed chracteristics of red giant winds in binary star systems. Red giant winds can provide the most massive, sustained form of mass transfer in binaries. The symbiotic and related stars, which contain red giant and hot companion stars, permit line of sight studies through a range of red giant atmospheric heights. The goal of this work is to attempt to define both the mechanism of rapid mass loss in red giant stars and the details of mass transfer to the companion stars. Such results can provide important constraints for both stellar and binary evolution theories. In each case we expect to derive density and temperature values for the red giant wind region and compare this to the present understanding of single star conditions where low temperature, dust and molecule forming, circumstellar envelopes prevail.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1199 - "HRS ECHELLE ATLAS OF ALPHA ORIONIS "

Keywords : COOL STARS: WINDS, CHROMOSPHERES, MASS-LOSS, UV SPECTRA, PHOTOSPHERES

Proposers: Kenneth G. Carpenter (PI; Nasa - Goddard Space Flight Center), J.Brandt (Nasa, Goddard Space Flight Center), J.Linsky (Colorado, University Of), R.Weymann (Arizona, University Of)

The HRS will be used to obtain high resolution echelle spectra of the 2480 - 3210 A spectral region of the M2 Iab supergiant Alpha Orionis. The observations are to be obtained at a set of standard carrousel positions corresponding to those used during in-orbit calibration of the instrument. Exposure times have been chosen so that both the chromospheric emission line spectrum and the photospheric continuum and absorption line spectrum will be properly exposed. These observations will be combined and published in atlas format. It is hoped that this atlas will provide a standard against which high-resolution UV observations of other late-type stars can be compared.

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1200 - "SEARCH FOR INTERSTELLAR MOLECULES IN SPECTRA OF THREE B STARS "

Keywords : MOLECULAR CLOUD, GAS

Proposers: Andrew M. Smith (PI; Nasa, Goddard Space Flight Center), J.Brandt (Nasa, Goddard Space Flight Center), D.Ebbets (Ball Aerospace Corporation), M.Jura (Uc, Los Angeles), B.Savage (Wisconsin, University Of)

The scientfic goal of this program is to check current theoretical understanding of gas phase chemistry in diffuse interstellar clouds and to modify this understanding if necessary. A further goal is to look for evidence of molecule formation other than H2 on interstellar grain surfaces. Signatures of many of the most important molecular species are found in the vaccuum and middle ultraviolet accessible to the HRS. It is proposed to observe HD32656 throughout the HRS wavelength range and HD29647 at a few caroussel settings in the 2.4x104 resolving power mode. These stars are associated with the Taurus Cloud complex. It is also proposed to observe omicron persei in the 105 revolving power mode and combine the new results with those found by observations with the "Copernicus" satellite.

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1201 - "PHYSICAL PARAMETERS IN THE LOCAL INTERSTELLAR MEDIUM "

Keywords : HI CLOUD, GAS

Proposers: Andrew M. Smith (PI; Nasa, Goddard Space Flight Center)

Using the 10 (super 5) resolving power mode of the HRS it is proposed to observe neutral as well as multiply ionized species in the local interstellar medium at distances less than 50 pc from the Sun. The primary goal is to determine local hydrogen atom densities using fine structure populations in carbon and silicon atoms. Other goals are to determine electron densities from the populations of fine structure levels in C (super +) and S (super +) ions and to set limits on local gas temperatures by combining observations of line profiles, doppler parameters and ionization equilibria in atoms and first ions of carbon, silicon and magnesium.

Prop. Type: GTO/HRS Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --

1202 - "LY-ALPHA AND H2 SURVEY "

Keywords : LY-ALPHA, UV SPECTRA, UV EMISSION, PLANETARY ATMOSPHERES

Proposers: Laurence M. Trafton (PI; Texas, University Of)

Measure the Ly-alpha emission and the nearby H2 emission for Jupiter, Saturn, Titan, Uranus and Neptune for a low - and medium - resolution survey and comparative study. Calibrate the superposed geocoronal Ly-alpha background emission in parallel HRS observations.

Prop. Type: GTO/HRS Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --

1203 - "JOVIAN AURORAL LY-ALPHA PROFILE "

Keywords : LY-ALPHA, AURORA, MAGNETOSPHERE, DEUTERIUM

Proposers: Laurence M. Trafton (PI; Texas, University Of), J.Brandt (Nasa, Goddard Space Flight Center)

Observe the Ly-alpha profile for a bright auroral emission on Jupiter to obtain atmospheric properties and electron precipitation flux. A determination of the D/H ratio may result if the signal to noise is high enough.

Prop. Type: GTO/HRS Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES) --

1204 - "IO PROTON AURORA? "

Keywords : LY-ALPHA, IO, TRAPPED RADIATION, MAGNETOSPHERE

Proposers: Laurence M. Trafton (PI; Texas, University Of)

Attempt detection of Ly-alpha emission from Io, caused by protons trapped in magnetosphere interacting with Io.

Prop. Type: GTO/HRS Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES) --

1205 - "SO2 ON IO "

Keywords : IO, SO2, SPECTRUM

Proposers: Laurence M. Trafton (PI; Texas, University Of), J.Caldwell (Suny, Stony Brook)

Observe Io with the HRS at 2180-2230A in attempt to detect SO2 gaseous and solid absorption.

Prop. Type: GTO/HRS Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES) --

1206 - "SULFUR NEAR IO "

Keywords : IO, SULFUR, JOVIAN TORUS

Proposers: Laurence M. Trafton (PI; Texas, University Of)

Neutral sulfur and several stages of ionized sulfur have been observed in Jupiter's torus. Io is supposed to be the source of all torus species but the mechanism feeding the torus has not been determined. Neutral S should be densest near Io. We will attempt to detect neutral sulfur near Io in order to shed light on this problem.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1207 - "ULTRAVIOLET TOMOGRAPHY OF V471 TAURI "

Keywords : TRANSITION REGIONS; STELLAR ATMOSPHERIC PROFILES; STELLAR TOMOGRAPHY; ECLIPSING BINARIES

Proposers: Frederick M. Walter (PI; Stony Brook, State University Of New York)

The V471 Tau system consists of a very active K2 dwarf which totally eclipses a hot white dwarf every 12.5 hours. We shall use the passage of the white dwarf behind the K dwarf to probe the temperature and density structure of the atmosphere of the K dwarf. There will be 4 observations-an ingress and an egress separated by one orbital cycle, and the pair repeated after ~ 4 months.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1208 - "DOPPLER IMAGING OF THE CHROMOSPHERES AND TRANSITION REGIONS OF AR LACERTAE"

Keywords : DOPPLER IMAGING; RSCVN; TRANSITION REGION; CHROMOSPHERE

Proposers: Frederick M. Walter (PI; Suny Stony Brook)

By obtaining high resolution, high S/N profiles of the transition region line in an active chromosphere star, it is possible to apply Doppler Imaging techniques in order to map the surface plages. We propose to obtain 8 spectra of C IV and Mg II lines in AR Lac, spaced around the orbit, to determine the spatial location of the active regions in the transition regions and lower chromspheres of the two stars.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1209 - "NON-RADIATIVE HEATING IN PRE-MAIN SEQUENCE STARS "

Keywords : T TAURI STARS; CHROMOSPHERES; TRANSITION REGIONS

Proposers: Frederick M. Walter (PI; Suny, Stony Brook), J.Linsky (Colorado, University Of)

We shall obtain UV line fluxes and selected line profiles, using the HRS, for a diverse sample of 6 pre-main sequence stars. We propose to study the atmospheric heating, dynamics, and density structure of these stars.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1210 - "AGE DEPENDENCE OF NON-RADIATIVE HEATING IN STELLAR CHROMOSPHERES "

Keywords : CHROMOSPHERES; ROTATION; STELLAR AGES; YOUNG STARS

Proposers: Frederick M. Walter (PI; Suny, Stony Brook), J.Linsky (Colorado, University Of)

We propose to observe 23 F and G stars in the alpha Per, Pleiades, UMa and Hyades clusters to study the decay of chromospheric radiative loss rates (as a function of temperature) as a function of stellar age.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1211 - "EXTENDED ATMOSPHERES OF EARLY-TYPE STARS "

Keywords : STELLAR WINDS, EXTENDED ATMOSPHERES

Proposers: Sara R. Heap (PI; Nasa, Goddard Space Flight Center), H.Heinrichs (University Of Amsterdam; Holland)

I propose to use the unprecedented high-dispersion, high time-resolution, and high S/N of the HRS to make an exploratory study of the extended atmospheres of early-type stars, including the high-velocity winds from O-B stars, shells around Be-shell stars, and disks around (or expected to be around) B-A-F stars like beta Pic, and outer atmospheres of O-B stars undergoing non-linear pulsations. The goals of the study are to derive a kinematic picture of the extended atmosphere and, if possible, to infer the mechanism(s) leading to the formation of winds, shells, and disks. All these programs incorporate monitors of variations in some spectral feature formed in the extended atmosphere. The time resolution of the monitor will be seconds-days for lines formed at the base of an OB-star wind, weeks to years for lines formed in a disk or shell.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --

1212 - "HIGHLY EVOLVED STARS OF LOW MASS "

Keywords : PLANETARY NEBULAE, PLANETARY NUCLEI

Proposers: Sara R. Heap (PI; Nasa, Goddard Space Flight Center), J.Harrington (Maryland, University Of)

I propose to use the HRS to study highly evolved stars, particularly the central stars of planetary nebulae. The study includes (1) an attempt to detect and measure the flux from extremely hot stars (T>150,000 K), (2) an investigation of hydrogen and carbon-rich central stars and their recent ejecta, (3) an investigation of the interaction of the wind from a central star with the surrounding nebula, and (4) follow-up spectroscopic studies of uv-bright stars discovered in globular clusters.

Prop. Type: GTO/HRS Selection Cycle : 87A

GALAXIES CLUSTERS -- (NUCLEI) --

1213 - "THE NUCLEUS OF M83 "

Keywords : BARRED SPIRAL, GALACTIC NUCLEI

Proposers: Sara R. Heap (PI; Nasa, Goddard Space Flight Center), V.Rubin (Carnegie Institute Of Washington), T.Stecher (Nasa, Goddard Space Flight Center)

We propose to use the ST/HRS to measure the velocity field of the mucleus of M83, a nearby barred spiral galaxy.

Prop. Type: GTO/HRS Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

1214 - "A SHOCK IN THE LOCAL INTERSTELLAR CLOUD? "
Keywords : LISM, SHOCK
Proposers: Sara R. Heap (PI; Nasa, Goddard Space Flight Center), E.Jenkins (Princeton University)

We propose to search for evidence of shocked material on the outside rim of the interstellar cloud in which the sun is embedded.

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1215 - "ULTRAVIOLET SPECTRAL ATLAS OF O STARS IN THE MILKY WAY AND MAGELLANIC CLOUDS"
Keywords : STELLAR WINDS, EXTENDED ATMOSPHERES
Proposers: Sara R. Heap (PI; Nasa, Goddard Space Flight Center)

We will obtain high S/N far-ultraviolet spectra of O giants and supergiants in the Milky Way and the Large and Small Magellanic Clouds. We will derive the properties of the star/wind systems from the photospheric and wind spectra, and we will investigate the effect of chemical composition on the properties of the wind.

Prop. Type: GTO/FOC Selection Cycle : 87A

GALAXIES CLUSTERS -- (NUCLEI) --

1216 - "VISUAL MAPPING AND LONG-SLIT SPECTROSCOPY OF THE NUCLEUS OF M51 "
Keywords : M51, NUCLEUS, LINER, SEYFERT GALAXY
Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), B.Pagel (Royal Greenwich Observatory; United Kingdom)

Direct FOC exposures will be used to map the narrow-line region [OII] and locate the centre in the continuum. A long-slit exposure in the visible will be used to a) study kinematics within a few pc of the nucleus; b) study line intensity gradients as a function of distance from the nucleus; c) enhance the broad emission line region relative to the stellar background. The slit should be orientated along the major axis in position angle 0 degrees.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

1217 - "THE NUCLEUS OF NGC 1052 "

Keywords : GALAXIES : INDIVIDUAL - GALAXIES : NUCLEI - GALAXIES : LINERS - RADIATION MECHANISMS - RADIOGALAXY

Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), C.Boisson (Meudon Observatory; France), R.Fosbury (Esa, European Coordinating Facility; Germany, West), D.Pequiguot (Meudon Observatory; France)

We show that the ST-FOC (in the first order of the long-slit spectrographic mode) allows to decide unambiguously which mechanism - photoionization by a central source or shock heating - is at work in this nucleus and thus to answer a fundamental question concerning active nuclei in general. In addition, the imaging mode of the FOC can provide the basic data with which to answer questions about the interaction between the nuclear activity and the interstellar medium. This is of relevance to ideas about the formation and maintenance of beams which power double radio sources. The question of stratification in nearby AGN is a general one, but we believe that NGC 1052 should be considered as a priority object because of the interest of the problems that can be solved in a reasonable observing time.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

1218 - "OBSERVATIONS AT HIGH ANGULAR RESOLUTION OF NGC1068 "

Keywords : SEYFERT 2 GALAXY, STARBURST, IMAGING, SPECTROSCOPY

Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), T.Snijders (Astronomisches Institute, Tubingen; West Germany), T.Snijders (Astronomisches Institute, Tubingen; West Germany), T.Snijders (Astronomisches Institute, Tubingen; West Germany)

We propose to observe the Seyfert 2 galaxy NGC 1068 with the FOC using both the imaging and the long slit spectroscopic modes. Our aim is to continue our optical and ultraviolet studies of NGC 1068 using the much higher angular resolution available with the FOC. The main fields of interest are: the massive burst of star formation which takes place in the inner spiral arms and the high ionization emission line gas in between and around these arms and the energy supply of this high ionization gas far away from the nucleus.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS AGN -- (SEYFERTS) --

1219 - "POLARIZATION MAPPING OF THE INNER STRUCTURE OF THE SEYFERT GALAXY NGC 1068 TO SEARCH FOR A NON-THERMAL SOURCE"

Keywords : POLARIMETRY, NUCLEUS, SEYFERT GALAXY NGC1068

Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), D.Axon (Manchester, University Of; United Kingdom), S.Heathcote (Noao, Cerro Tololo Interamerican Observatory; United Kingdom), I.Mclean (Royal Observatory, Edinburgh; United Kingdom), M.Ward (Cambridge University; United Kingdom)

Several Seyfert galaxies, including NGC 1068, are known to be intrinsically polarized. The source of this polarization may be synchrotron emission from a jet or electron scattering from an accretion disk or dust scattering from an extended aggregate of clouds surrounding the nucleus. Images with the Space Telescope at a resolution of 0.02" should resolve structure down to a scale of ~1 parsec in NGC 1068. High signal-to-noise images in polarized light should then enable one to discriminate between bright (unpolarized) HII regions, extended polarizing dust clouds and a compact polarized non-thermal source. In the UV, where residual galaxy dilution is weakest, polarizations of ~15% can be expected. The combination of UV sensitivity and high spatial resolution make the FOC well suited to this experiment. This proposal to use the FOC follows naturally from our extensive programme of ground-based observations and modelling of Seyfert nuclei.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS AGN -- (SEYFERTS) --

1220 - "THE ACTIVE NUCLEUS OF THE GALAXY NGC 1365 "

Keywords : AGN, SEYFERT GALAXY, HOT SPOT NUCLEUS, NGC 1365

Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), S.Jorsater (European Southern Observatory; Germany, West), P.Lindblad (Stockholm Observatory; Sweden), A.Sandqvist (Stockholm Observatory; Sweden)

The aim of the observations of NGC 1365 is to study: - the light distribution, kinematics and mass distribution in and around the Seyfert nucleus and the hot spots (including their rotation) with very high spatial resolution; - structures on a scale <0.1" which could shed light in the nature of the bright, compact nuclear radio sources; - differences on a small scale of the distribution of low (H-lines, [OII]) and high ([OIII], [NeIII]) excitation gas but, in particular, the anomalous kinematics (ejection) of the latter gas component; - the onset of expanding motions at the edge of the nuclear disk and related to the nuclear spiral and a possible spiral shock.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS AGN -- (SEYFERTS) --

1221 - "HIGH-RESOLUTION IMAGING OF THE NUCLEUS OF NGC 1808 "

Keywords : NGC 1808, AGN, HOT SPOTS, SEYFERT 2

Proposers: Gerd Weigelt (PI; Max-Planck-Institut Fuer Radioastronomie, Bonn; Germany, West), L.Colina (Gottingen University; Germany, West), K.Fricke (Gottingen University; Germany, West), W.Kollatschny (Gottingen University; Germany, West), H.Loose (Gottingen University; Germany, West), M.Muller (Max-Planck-Institut Fuer Radioastronomie, Bonn; Germany, West)

We propose high-resolution FOC f/288 imaging of the peculiar nucleus of NGC1808. The nucleus of NGC1808 consists of several hot spots. Ground-based observations show a star-like nucleus and two blue hot spots to the SE and NW of the nucleus with reddish filaments. It has been concluded from spectroscopic observations that the nuclear region of NGC1808 may consist of a superposition of a normal HII region and a Seyfert-like nebulosity and that it is very likely that NGC1808 has a Seyfert 2 nucleus. We wantto observe the nuclear region with highest attainable spatial resolution at short UV wavelengths in order to detect any anisotropic structure related to the extra-nuclear activity. We want to deconvolve the f/288 images by the roll deconvolution method in order to obtain diffraction-limited resolution in the UV, for example 0.02" at lambda = 200nm.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS AGN -- (SEYFERTS) --

1222 - "A FIRST STUDY OF ACTIVE NUCLEI WITH ST - THE STELLAR AND GASEOUS ENVIRONMENT OF THE NGC 4151 NUCLEUS"

Keywords : SEYFERT GALAXY, KINEMATICS, SPECTROSCOPY, IMAGING, JET, PROFILES

Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), A.Altamore (Rome, University Of; Italy), G.Bromage (Rutherford Appleton Laboratory; United Kingdom), J.Clavel (Meudon Observatory; France), M.Demoulin-Ulrich (European Southern Observatory; Germany, West), A.Elvius (Stockholm Observatory; Sweden), M.Penston (Royal Greenwich Observatory; United Kingdom), G.Perola (Rome, University Of; Italy), M.Pettini (Royal Greenwich Observatory; United Kingdom), L.Piro (Rome, University Of; Italy), M.Snijders (Royal Greenwich Observatory; United Kingdom), M.Tarenghi (European Southern Observatory; Germany, West)

NGC 4151 is the Seyfert galaxy with the brightest nucleus in apparent magnitude and one of the nearest and most active Seyfert galaxies. We propose to obtain the distribution and velocity field of the gas near the center in an attempt to answer the following questions: Is the gas distributed in a disk, a cone, along the radio jet? Is the photoionizing isotropic? What are the gas motions, the origin of the gas and the rate of the mass loss? We propose: - to map the ionized gas in the [OIII] lambda 5007 line to tie in the FOC observations with those made from the ground, and in the CIV lambda 1500 line for even higher angular resolution and because it is a permitted line and emitted by highly ionized gas; - to take long slit spectra in the first and third orders which will give the line width, the velocity field and line intensity ratios as a function of distance from center. The spectra will be taken along and perpendicular to the radio jet. (P.A.= 80 degrees +/- 10 degrees; P.A.= 170 degrees +/- 10 degrees.

Prop. Type: GTO/FOC   Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

1223 - "STUDY OF THE NUCLEUS OF THE SEYFERT 2 GALAXY NGC 5728 "

Keywords : SEYFERT GALAXY

Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), P.Veron (Haute Provence Observatory; France)

Seyfert 2 galaxies are most probably photoionized. The nature of the nonthermal continuum responsible for this photoionization is unknown; it has been seen in only one case, NGC 1068. NGC 5728 is a Seyfert 2 galaxy with an extended (~10") nuclear emission region (probably the most extended known). High angular resolution images, in the UV to get rid of the stellar continuum, through narrow band filters chosen to isolate emission lines or the continuum may allow the detection of a possibly extended non-thermal continuum and the similarity or the difference of its morphology with that of the emission nebulosity. This could be a first step in understanding the nature of this continuum.

Prop. Type: GTO/FOC   Selection Cycle : 87A

QUASARS _AGN -- (OTHER ACTIVE NUCLEI) --

1224 - "LONG-SLIT SPECTROSCOPY OF THE NUCLEUS OF THE NARROW LINE ACTIVE GALAXY MK348"

Keywords : ACTIVE NUCLEI, NARROW LINE REGION

Proposers: J. M. Deharveng (PI; Laboratoire Astronomie Spatiale; France), J.Bergeron (Institute Of Astrophysics, Paris; France), F.Durret (Institute Of Astrophysics, Paris; France)

Long-slit spectroscopy in the nuclear region of the narrow line active galaxy MK348 is proposed to study the morphology, velocity field and physical conditions in the narrow line region and the effects of the cosmic rays, responsible for the radio knots, on the kinematics and excitation degree of the gas. The long-slit spectrograph of the FOC provides an unprecedented angular resolution for such a study.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS AGN -- (QUASAR EMISSION) --

1225 - "NEBULOSITY ASSOCIATED WITH THE NEARBY QSO MR 2251-178 "

Keywords : QSO - INTERSTELLAR MATTER - KINEMATICS

Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), J.Bergeron (Institute Of Astrophysics, Paris; France), F.Macchetto (Esa, Space Telescope Science Institute)

Long-slit spectroscopy of the nearby QSO MR2251-178 will allow us to study the dynamics of its nuclear narrow line region and the link between this region and the surrounding ionized nebulosity, to determine the gas excitation gradients and the total column density of ionized gas. In addition the imaging mode will give the morphology of the ionized gas within the narrow line region and the inner nebulosity and will allow comparison between LyAlpha haloes of low and high redshift QSO's.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS AGN -- (HOST GALAXY) --

1226 - "THE CENTRAL SOURCE AND JET IN PKS 0521-36 "

Keywords : RADIO GALAXY, BL LAC, JET

Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), I.Danziger (European Southern Observatory; Germany, West), R.Fosbury (Esa, European Coordinating Facility; Germany, West), W.Goss (Groningen, University Of; Netherlands)

It is proposed to use the HST/FOC to obtain images, at ultraviolet and optical wavelengths, of the continuum jet in the BL Lac/radio elliptical galaxy PKS 0521-36. The source is remarkable in showing diametrically opposite asymmetries at optical and radio wavelengths and may provide the best available opportunity to study collimated jets very close to the line of sight the same exposure will contain images of the blue nucleus of the galaxy. The linear spatial resolution provided by the FOC will be equivalent to that obtained on the M87 jet with ground-based observations.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS AGN -- (OTHER ACTIVE NUCLEI) --

1227 - "HIGH-SPATIAL-RESOLUTION IMAGING AND SPECTROSCOPY OF AGN "

Keywords : EMISSION LINE GALAXY, SEYFERT GALAXY, RADIO GALAXY, BL-LAC OBJECT, QUASAR, IMAGING, SPECTROSCOPY

Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), F.Macchetto (Esa, Space Telescope Science Institute)

Images of many objects having AGN will be obtained, representing a range of typed physical properties. Roll deconvolution with the FOC f/288 mode can yield diffraction-limited resolution at short UV wavelengths, for example 0.02 arc sec at 200 nm; selected high-resolution measurements will be made of several nearby and bright AGN. Additional long-slit spectroscopy will complement these observations. The programme is directed at attaining a true physical picture of the nature of the broad line, intermediate and narrow line regions of such objects.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (JETS) --

1228 - "STUDY OF OPTICAL EMISSION ASSOCIATED WITH RADIO JETS AND HOT SPOTS "

Keywords : AGN, RADIOEMISSION, JETS

Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute), P.Crane (European Southern Observatory; Germany, West), G.Miley (Space Telescope Science Institute)

ST is uniquely equipped to detect optical emission from synchroton jets and to study the interaction of jets with their environment. Here we outline a program of broad and narrow band imaging and limited slit spectroscopy on carefully selected samples of objects designed to exploit ST for these purposes. The aims are to study the following: -morphological relations between radio and optical emission. -optical and UV counterparts of radio jets and hot spots to derive information on particle acceleration mechanisms. -interactions between synchroton jets and in the ambient gas, to use each as a unique probe of the physical conditions within the other. -possible relationship between the propagation of radio jets and star formation.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (HOST GALAXY) --

1229 - "OPTICAL AND ULTRAVIOLET IMAGING OF LARGE REDSHIFT RADIO GALAXIES "

Keywords : RADIO GALAXIES, LARGE REDSHIFTS, ACTIVE GALAXIES, COSMOLOGY

Proposers: Craig D. Mackay (PI; Cambridge University; United Kingdom), S.Lilly (Princeton University), M.Longair (Royal Observatory, Edinburgh; United Kingdom), J.Peacock (Royal Observatory, Edinburgh; United Kingdom)

We propose high resolution, deep imaging of 3CR radio galaxies with large redshifts. Optical and infrared studies of these galaxies show evidence for evolution of their stellar populations over cosmological timescales and also evidence for an enhanced rate of star formation activity throughout the body of many of these galaxies at large redshifts. The aim of this proposal is to confirm the evidence for enhanced star formation in these galaxies by high resolution observations in the optical and ultraviolet wavebands and to determine the distribution of the young stellar component. We will also search for ultraviolet continuum radiation from the nuclei of the galaxies and for evidence of interaction with nearby fainter galaxies.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

1230 - "HIGH-RESOLUTION IMAGING AND LONG-SLIT SPECTROSCOPY OF MULTIPLE-NUCLEUS GALAXIES"

Keywords : SEYFERT GALAXIES, INTERACTION, AGN'S MULTIPLE NUCLEI

Proposers: Gerd Weigelt (PI; Max-Planck-Institut Fuer Radioastronomie, Bonn; Germany, West), K.Fricke (Gottingen University; Germany, West), W.Kollatschny (Gottingen University; Germany, West), M.Muller (Max-Planck-Institut Fuer Radioastronomie, Bonn; Germany, West)

The double nucleus Seyfert galaxy Mkn 266 is proposed to be observed at high spatial resolution both directly (F/48 imaging) and spectroscopically using the ST-FOC. Extensive observations with ground-based telescopes and IUE of this object and of other objects of this kind have been done previously. From long-slit spectra through the component nuclei the dynamics and physical conditions of these systems will be investigated. The effectof tidal interactions among the constituents of this system will be quantitatively analysed in terms of the merging hypothesis and of galaxy evolution theory. The origin and fate of these systems - which are regarded tobe key objects for he test of recent galaxy evolution scenarios - will be discussed on the basis of the proposed high resolution ST-observations.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

1231 - "THE RELATIONSHIP BETWEEN GALACTIC ACTIVITY AND GRAVITATIONAL INTERACTION"

Keywords : INTERACTING GALAXIES, ACTIVE GALAXIES, NUCLEI OF GALAXIES

Proposers: Cesare Barbieri (PI; Padova, University Of; Italy), C.Bonoli (Padova Observatory; Italy), L.Danese (Padova, University Of; Italy), G.De Zotti (Padova, University Of; Italy), P.Rafanelli (Padova Observatory; Italy), H.Schulz (Ruhr University Bochum; Germany, West)

It has long been known that activity in galaxies can be triggered by gravitational interaction. This hypothesis is supported by direct observations which show that a considerable excess of Seyfert galaxies and low redshift QSO's belongs to an interacting or disturbed system. A typical member of this class of objects is the S1 galaxy NGC6240, which is characterized by two close nuclei and is also an outstanding member of the new class of extreme IR galaxies identified by IRAS. High resolution imaging of the region between the two nuclei, using the FOC F/96 camera in combination with narrow band filters, centered on crucial lines and on the continuum, will provide information on the nature and on the effects of the collision between the two nuclei. We propose, in addition, to observe with the FOC, F/48 spectrograph the nucleus of the disturbed S1 galaxy Mkn 231, which belongs also to the IR class of objects identified by IRAS and is interpreted to be in a later evolutionary stage of the collisional phenomenon going on in NGC 6240.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (JETS) --

1232 - "ROLL DECONVOLUTION OF A Q.S.O. IMAGE "

Keywords :

Proposers: Gerd Weigelt (PI; Max-Planck-Institut Fuer Radioastronomie, Bonn; Germany, West), M.Disney (University College, Cardiff; United Kingdom)

We propose imaging of the QSO 3C48 with highest possible resolution, using the FOC at F/288 and the roll deconvolution technique. We also hope with this program to prove the roll-deconvolution technique for wider use by G.O.s. We shall be looking for jets and other active structures, and for the effect of the QSO on the host galaxy. For maximum resolution (0.015") we want to obnserve in the UV (150nm), but this will depend on the available signal.We shall use 2 roll angles and we want similar (but short) exposures of a nearby star before and after for the P.S.F. determination.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (HOST GALAXY) --

1233 - "NARROW BAND IMAGING OF QUASARS "

Keywords : QUASARS, IMAGING, NARROW LINE EMISSION

Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute), S.Di Serego Alighieri (Esa, European Coordinating Facility; Italy), M.Perryman (Esa, Estec; Netherlands), P.Shaver (European Southern Observatory; Germany, West)

It has long been thought that quasars may be powered by the infall of gas, either from within the parent galaxy or from outside. It has also been thought that quasars may expel gas into the intergalactic medium, leading to large-scale enrichment at an early epoch. In either case, one may expect to find gas within the parent galaxies of quasars, and large gaseous halos around them. Other possibilities have been suggested - protogalactic disks, protoclusters, residual pancake structures - the remains of which might also appear as halos around quasars. Narrow-band observations of quasars with the ST will not only address these fundamental issues, but will at the same time touch on several others, including the nature of the parent galaxy, its evolution with redshift, the presence of nearby galaxies and possible protogalaxies, and the nature of the objects causing quasar absorption lines.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (HOST GALAXY) --
1234 - "OBSERVATIONS OF GALAXIES UNDERLYING Q.S.O.'S "
Keywords : MORPHOLOGY OF QSO 'FUZZ', SPECTROSCOPY OF FUZZ
Proposers: Michael J. Disney (PI; University College, Cardiff; United Kingdom), S.Phillipps (University College, Cardiff; United Kingdom)

It is proposed to make observations of 13 low redshift QSO's (0.2 < Z < 0.6) plus 2 higher redshift objects to determine the nature, in particular the morphological type, of the underlying galaxies. Observations in the U and B bands (to accentuate morphological features) of 1800 seconds (3600 seconds for the two more distant QSO's) should enable luminosity profiles to be obtained to radii > 10 kpc at S/N=10. Such a project is not feasible from the ground due to atmospheric seeing which smears out the bright central QSO across the underlying galaxy image.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (HOST GALAXY) --
1235 - "FAR-ULTRAVIOLET SPECTRA OF VERY HIGH REDSHIFT QUASARS "
Keywords : HIGH REDSHIFT QUASARS - INTERGALACTIC MEDIUM
Proposers: Peter Jakobsen (PI; Esa, Estec; Netherlands), J.Blades (Esa, Space Telescope Science Institute), A.Boksenberg (Royal Greenwich Observatory; United Kingdom), F.Paresce (Esa, Space Telescope Science Institute)

We intend to carry out a first exploraory survey of the redshifted Lyman continuum spectra of high redshift quasars. The main objective is to investigate the opacity of the intergalactic medium in the Lyman continuum and to carry out the He+ equivalent of the Gunn-Peterson test for once ionized intergalactic helium.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (GRAVITATIONAL LENSES) --
1236 - "A SEARCH FOR NEW GRAVITATIONAL LENSES "
Keywords : GRAVITATIONAL LENSES, QUASARS
Proposers: Craig D. Mackay (PI; Cambridge University; United Kingdom)

It is proposed to survey the images of known quasars at the highest resolution to look for multiple structure that might be caused by a gravitational lens. Quasars have been selected to have generally high redshift and rich absorption line spectra with multiple Systems to increase the chance of there being intervening material. The FOC at f/288 is the highest resolution instrument on ST and especially well suited to this search.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1237 - "STELLAR POPULATIONS IN M31 "

Keywords : STELLAR POPULATIONS, STAR FORMATION HISTORY, LOCAL GROUP

Proposers: Michael J. Disney (PI; University College, Cardiff; United Kingdom), M.Edmunds (University College, Cardiff; United Kingdom), B.Pagel (Royal Greenwich Observatory; United Kingdom)

We propose to study the colour magnitude diagram in a selected region of M31 that has a reasonable stellar column density corresponding to a surface brightness 23.5v mag/sq arc sec in order to compare numbers of stars with different ages and make deductions about the past history of star formation.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1238 - "YOUNG STELLAR POPULATIONS AND EXTINCTION IN NEARBY GALAXIES "

Keywords : MASSIVE STARS, STELLAR POPULATION, EXTINCTION LAW

Proposers: J. M. Deharveng (PI; Laboratoire Astronomie Spatiale; France), J.Lequeux (Marseille Observatory; France)

It is proposed to observe star formation regions in several nearby spiral and irregular galaxies (present candidates being M33, IC1613 and M101). Observations with the FOC at f/96 through three filters, including a far UV filter, will overcome confusion problems and provide a statistics for hot stars yielding the luminosity function and the upper initial mass function. Observations with the far UV objective prism will allow to determine the far UV extinction law, and may be, the hydrogen column density and, hence, the gas to dust ratio. These observations will provide for the first time a complete study of the young massive stellar population and of the interstellar dust extinction outside our Galaxy.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1239 - "BULGE STELLAR POPULATIONS IN SO GALAXIES "

Keywords : EARLY-TYPE GALAXIES, STAR FORMATION

Proposers: J. M. Deharveng (PI; Laboratoire Astronomie Spatiale; France), C.Balkowski (Meudon Observatory; France), B.Rocca-Volmerange (Institute Of Astrophysics, Paris; France)

It is proposed to study the origin of the UV flux in elliptical-type population and to determine the respective contribution from young stars and from hot stars commonly occurring in an old stellar population. Two SO galaxies NGC 5102 and MGC 3115, at reasonable distance and with very different gas contents, have been selected. Observations through several filters (especially a far UV filter) will allow to resolve and study the massive stars, if they exist. The UV surface brightness of the unresolved background will be measured and will set constraints on the characteristics of hot evolved stars. A spectrum of the nucleus of NGC 5102 will allow to search for any evidence of nuclear activity which may contribute to the UV flux.

Prop. Type: GTO/FOC Selection Cycle : 87A

GALAXIES _CLUSTERS -- (GAS) --

1240 - "THE FATE OF THE GAS AT THE CENTER OF AN ELLIPTICAL GALAXY: STAR FORMATION OR ACCRETION ON A MASSIVE OBJECT"

Keywords : ELLIPTICAL GALAXY, ACCRETION, SUPERGIANT, SPECTROSCOPY, IMAGING, EMISSION LINE GALAXY

Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), H.Butcher (Groningen, University Of; Netherlands), M.Demoulin-Ulrich (European Southern Observatory; Germany, West)

What happens to the gas which is accreted by a galaxy? Does it form stars or is it accreted by a massive object and fuels an active nucleus? To answer these questions we propose to observe the nearby normal elliptical NGC 4278 in which the neutral and ionized gas have been extensively studied. We propose to search for and count massive hot stars recently formed from the accumulated gas within 3 arc sec of the center by taking a direct image with the filter F275W which combines high efficiency of FOC and high contrast of hot stars against galaxy background. We propose to take two long slit spectra in the first order which will give the velocity field, the velocity dispersion, the line intensity ratios [OII] lambda3727/[OIII]lambda5007/H-beta in the gas as a function of distance from center and a detection of or a significant upper limit to the broad component of H-beta indicative of an (intrinsically weak) Seyfert nucleus. The long slit spectra will be taken perpendicular to and along the axis of rotation of the ionized gas within 8 arcsec from center (P.A.=40D +/- 10D; P.A.=130D +/- 10D) which we have determined from the ground.

Prop. Type: GTO/FOC Selection Cycle : 87A

GALAXIES _CLUSTERS -- (NUCLEI) --

1241 - "A STUDY OF THE NUCLEAR REGION OF NGC 4321 "

Keywords : NGC 4321 - NUCLEAR REGION - STELLAR POPULATION - GAS CHEMICAL COMPOSTION - KINEMATICS

Proposers: F. Duccio Macchetto (PI; Space Telescope Science Institute), N.Panagia (Esa, Space Telescope Science Institute)

We propose to study the properties of both the stellar and the gaseous components in the nuclear region of NGC 4321. The space distribution and the stellar composition of the stellar population will be determined by obtaining FOC images with a number of narrow band filters. The properties of the gaseous component (distribution, nature, i.e., HII region or PN or SNR, chemical composition, kinematics) will be investigated by taking spectra with the FOC long-slit spectrograph.

Prop. Type: GTO/FOC Selection Cycle : 87A

GALAXIES _CLUSTERS -- (GAS) --

1242 - "DUST LANES AND FILAMENTARY STRUCTURES IN DOMINANT ELLIPTICAL GALAXIES "

Keywords : DOMINANT CLUSTER GALAXY, FILAMENTS, COOLING DUST

Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute), H.Norgaard-Nielsen (Copenhagen University Observatory; Denmark)

Observations made with the best obtainable ground based angular resolution are insufficient to determine the kinematic structure of the filaments of dominant galaxies in clusters, the physical relation between the dust and ionized gas, and the origin of the filaments. Therefore, follow-up broad band U and B exposures with the FOC will be obtained. The small extent of the filaments (r~ 10") match well with the field of view of the f/48 relay. From published surface photometry we estimate that we can get good photometric accuracy (~2 per cent) within the allotted time. By exploiting the greater than one order of magnitude improvement in angular resolution we will acquire deeper understanding of these important astrophysical issues, especially the interrelation between the observed dust and ionized gas and an implied cooling flow around the galaxies.

Prop. Type: GTO/FOC Selection Cycle : 87A

GALAXIES _CLUSTERS -- (GAS) --

1243 - "COOLING FLOWS IN DISTANT DOMINANT CLUSTER GALAXIES "

Keywords : DOMINANT CLUSTER GALAXIES, COOLING FLOWS

Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute), G.Perola (Rome, University Of; Italy)

The systems of gaseous condensations detected in the optical range within and around the centrally dominant galaxy of X-ray clusters are thought to result from a radiative accretion flow. It is proposed to take advantage of the high spatial resolution and ST to study systems of this type in the strong Lyman Alpha emission line for which the contrast in brightness with the galaxy continuum is much greater than for optical lines. In particular it is proposed to explore in very distant clusters like A1795. Three clusters have been chosen, A1413 (z=0.14), 3C295 (z=0.46) and SC2059-247 (z=0.19). They have optical and X-ray morphologies similar to A1795, but are a factor 3-4 more powerful in the X-rays. The program aims to prepare the grounds for a systematic study of the cooling flow phenomenon out to the very early epochs of the cluster evolution.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

1244 - "NATURE OF GALAXIES WITH ANOMALOUSLY LARGE IR EMISSION "

Keywords : INFRARED, STARBURST, SEYFERT, IRAS

Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute), G.Miley (Esa, Space Telescope Science Institute)

One of the most important discoveries of the IRAS Satellite has been that some galaxies have anomalously large infrared to optical emission. These predominantly interacting "Starburst" systems are probably sites of extremely vigorous star formation. IRAS has also shown that many Seyferts have strong mid-IR components which are most likely due to emission from dust in the nuclear narrow-line regions. We wish to make broad and narrow-band images of extreme-IR galaxies from both of these classes. This is a pilot study. The ultimate aim of such a program will be to (a) determine the morphologies and colour distributions of both classes of objects as a function of distance and (b) investigate possible relations between the Seyfert and starburst phenomena.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (HOST GALAXY) --

1245 - "IMAGES OF FAINT BLUE RADIO GALAXIES FROM THE 5C12 SURVEY "

Keywords : ACTIVE GALAXIES, SPIRAL GALAXIES, GALAXY EVOLUTION

Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), C.Benn (Brain And Perception Laboratory; United Kingdom), G.Grueff (Bologna, University Of; Italy), M.Vigotti (Bologna, University Of; Italy), J.Wall (Royal Greenwich Observatory; United Kingdom)

We propose direct imaging with the ST/FOC F/96 mode, of three blue radio galaxies from the 5C12 sample. These galaxies are photometrically and morphology distinct from the giant ellipticals which host most 5C radio surces, and they are tentatively identified low red-shift, late-type spiral galaxies hosting radio sources of order 1,000 x more radio luminous than those in normal spiral galaxies. The aim of these observations is detection of spiral structure in the galaxies and the form of their apparent interaction with neighbours. At the redshift ~0.2 estimated from their apparent magnitude, they are viewed at a scale of ~5 kpc arcsec-1 and direct imaging from the ground cannot reveal the presence of spiral arms.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1246 - "STUDIES OF BLUE COMPACT DWARF GALAXIES "

Keywords : BLUE DWARF GALAXIES, YOUNG STARS

Proposers: J. M. Deharveng (PI; Marseille Observatory; France), C.Barbieri (Padova, University Of; Italy), M.Disney (University College, Cardiff; United Kingdom)

It is proposed to observe a few blue compact dwarf galaxies at high angular resolution. The most massive stars are expected to be resolved and identified by an exposure through a far UV filter. Further exposures with a near UV and visible filters would give their colors. The aim is to determine how star formation may be affected by the extreme conditions known to be present in this category of objects (intense burst of star formation, low heavy element abundances, large amount of neutral hydrogen). An exposure with the WF/PC in the far red is supposed to reveal the possible existence of an older generation of stars.

Prop. Type: GTO/FOC Selection Cycle : 87A

GALAXIES CLUSTERS -- (NUCLEI) --

1247 - "RESOLUTION OF NUCLEI IN VIRGO DWARF ELLIPTICALS "

Keywords : DWARF ELLIPTICALS, VIRGO CLUSTER

Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute), B.Binggeli (Basel, University Of; Switzerland), G.Tammann (Basel, University Of; Switzerland)

The core radii of globular clusters range from a few 0.1 pc to a few parsecs. Dwarf E nuclei most likely are dynamical entities quite similar to globular clusters hence their core radii must lie in the same range. At the Virgo distance of about 22 Mpc this translates into an angular range of 0.001" to 0.1" for the core radii, with total radii at best 10 times larger. Features of such extremely small angular size can only be resolved by the FOC.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1248 - "SEARCH FOR YOUNG STARS IN DWARF ELLIPTICALS "

Keywords : DWARF ELLIPTICAL, YOUNG STARS

Proposers: J. M. Deharveng (PI; Marseille Observatory; France), L.Vigroux (Cen, Service Astrophysique; France)

Search for young stars in 2 dwarf elliptical galaxies is proposed. Several of these galaxies in the local group and recently in the Virgo cluster are known to contain young stars. The origin of this ongoing star formation is still unknown. Only high resolution Space Telescope FOC observation will allow to study the properties of the star formation regions in galaxies outside the local group. Then we propose FOC f/48 observations of 2 dwarf elliptical galaxies. They have been selected on the basis of multicolor CCD photometry obtained at the Canada France Hawaii telescope. Three filters are needed for each exposure. A UV image help to detect the brightest hot stars and U and B filters allow to determine the dust extinction and the colors of the brightest stars.

Prop. Type: GTO/FOC   Selection Cycle : 87A

GALAXIES _CLUSTERS -- (DISTANT GALAXIES) --

1249 - "THE NATURE OF GALAXIES IN THE DISTANT CLUSTER AC103 "

Keywords : DISTANT GALAXY CLUSTER

Proposers: Craig D. Mackay (PI; Cambridge University; United Kingdom), W.Couch (Durham University; United Kingdom), R.Ellis (Durham University; United Kingdom), R.Sharples (Anglo-Australian Observatory; Australia)

We have analyzed multicolour photometry and obtained ectroscopic redshifts for a complete sample of faint galaxies in the southern cluster AC103 at a redshift of $z = 0.31$. FOC will be used to extend the colour distributions for cluster members into the far UV. High resolution images at 220 nm will reveal the location of star forming regions in galaxies of known colour and with known spectral characteristics. These FOC observations will test the prospects for faint object photometry and imaging in the UV before embarking upon more difficult and time consuming observations on very distant clusters.

Prop. Type: GTO/FOC   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (CIRCUMSTELLAR MATTER) --

1250 - "HIGH-RESOLUTION STUDIES OF THE CIRCUMSTELLAR GAS AND DUST SHELLS OF ALPHA ORIONIS"

Keywords : COOL STAR, EXTENDED CIRCUMSTELLAR ENVELOPE

Proposers: Gerd Weigelt (PI; Max-Planck-Institut Fuer Radioastronomie, Bonn; Germany, West), O.Engvold (Oslo, University Of; Norway), D.Lambert (Texas, University Of), O.Moe (Oslo, University Of; Norway)

Recent studies of the bright supergiant star Alpha Ori have shown that it is surrounded by a highly extended, expanding, and evidently inhomogenous gas and dust envelope. The emission from the Alpha Ori envelope is barely detectable against the straylight background of ground based telescopes. We propose to observe Alpha Ori's outer atmosphere in narrow spectral bands. One band encloses the strong Mg II h and k lines, which give rise to resonance line scattering in the gas. All spectral bands contain emission caused by light scattering on dust grains. The program will map the gas and dust concentrations in the extended circumstellar envelope of Alpha Ori. One will measure the brightness variations in the radial directions as well as in the expected fine structured clouds of the envelope. The objective of the program is to investigate the underlying physical conditions of the complex circumstellar envelope by utilizing the high spatial resolution, coronographic capabilities, and high UV sensitivity of the ST/FOC.

Prop. Type: GTO/FOC Selection Cycle : 87A

GALAXIES CLUSTERS -- (GAS) --

1251 - "COOLING FLOWS IN NEARBY DOMINANT CLUSTER GALAXIES "

Keywords : COMINANT CLUSTER GALXIES, COOLING FLOWS

Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute), A.Fabian (Cambridge University; United Kingdom)

Cooling flows of X-ray emitting gas appear to be common in clusters of galaxies and in galaxies. Mass inflow rates of between 1 and 1000 M theta yr-1 mean that this process has a considerable influence on the evolution, and possibly the formation of galaxies. Star formation must be particularly efficient and widespread. The driving force for these flows in the pressure of diffuse hot gas which is thermally unstable and leads to optical emission filaments. Further optical and UV studies of this process requires high resolution spatial and spectral observations. The ST FOC will match this need. Cooling flows have wide implications for dissipational galaxy formation, star formation, elliptical galaxy dynamics, the powering of active nuclei and the propagation of jets. FOC observations will provide the basis for understanding the distribution and IMF of large-scale and efficient star formation and continuing formation of large galaxies.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (COOL STARS) --

1252 - "HIGH-RESOLUTION MEASUREMENTS OF NEARBY GIANT STARS: SURFACE STRUCTURES AND SHELLS"

Keywords : OMICRON CETI, ALPHA-ORI, ALPHA SCO, STAR SURFACES, DUST SHELLS

Proposers: Gerd Weigelt (PI; Erlangen-Nurnberg University; Germany, West), M.Jura (Uc, Los Angeles)

Roll-deconvolution of ST data recorded with the f/288 mode of the FOC can yield diffraction-limited resolution at short UV wavelengths, for example, 0.015" resolution at lambda = 150nm. This resolution is high enough to resolve the surface of nearby giant stars including Omicron Ceti, which has an angular diameter of 0.06", and Betelgeuse and Antares, both of which exhibit a measured diameter of 0.05". In addition to surface structures, dust shells, especially the dust shell of Betelgeuse, will be investigated. In the case of Omicron Ceti (Mira), it is also intended to study the close companion Mira B.

Prop. Type: GTO/FOC Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SUBLUMINOUS STARS) --
1253- LT - "HIGH RESOLUTION OBSERVATIONS OF CATACLYSMIC VARIABLES "
Keywords : CATACLYSMIC VARIABLES, NOVAE, SYMBIOTICS, SHELLS
Proposers: Francesco Paresce (PI; Space Telescope Science Institute), F.Macchetto (Esa, Space Telescope Science Institute), C.Mackay (Cambridge University; United Kingdom)

It is proposed to explore at high spatial and moderate spectral resolution the close environments of ten cataclysmic variable stars known or suspected to possess complex surrounding emission nebulosities. The study will be conducted using the narrow band and interference filters centered on bright nebular emission features of hydrogen, carbon and oxygen. A wide combination of unique FOC capabilities including coronography, polarimetry and the high resolution apodizer will be employed to study in depth the most representative object of each class of cataclysmic variables. These capabilities will allow shells of ejecta around recent novae to be distinguished from the central star at a much earlier stage in their evolution and to detect very much fainter ejecta from old novae than possible from the ground. The basic aim of this study is to gain insight into the physical conditions of the nebula, the geometry of the nova explosion and the nature of the interstellar medium local to the nova. The proposed study of symbiotic systems, on the other hand, should permit resolving the objects into their postulated compact sources, barely resolving the accretion disk around the hot component, and determining the precise connection of the disk with the jets. The program also aims at assessing the possibility of using novae as extragalactic distance indicators.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (SUBLUMINOUS STARS) --
1254 - "OBSERVATION OF VERY HOT, HIGH MASS CENTRAL STARS OF PLANETARY NEBULAE "
Keywords : PLANETARY NEBULAE, HOT CENTRAL STARS.
Proposers: T. M. Kamperman (PI; Space Research Laboratory Utrecht; Netherlands), P.Atherton (Groningen, University Of; Netherlands), S.Pottasch (Groningen, University Of; Netherlands), N.Reay (Imperial College, London; United Kingdom)

It has proved impossible to detect the very hot exciting stars of some planetary neblae from the ground. This is probably because these stars emit a great many ionizing photons for each visible quantum. The ionized nebula is therefore so extensive that the nebular emission, both line and continuum, completely dominate the visual continuum emission of the central star, which becomes lost in the noise. Observing above the atmosphere increases the possibility of detection of these central star by a factor of at least 400. A factor ~ 100 because the light of the central star is within an image of. 1" instead of the ~ 1" ground seeing limitation allowing better discrimination of the star against the diffuse nebular continuum and a further factor ~ 4 occurs because the star is that much brighter, relative to the nebula, in the ultraviolet than it is in the visible.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1255 - "THE VERY MASSIVE OBJECTS R136A IN THE 30 DORADUS NEBULA, NGC 3603 AND ETA CARINAE"

Keywords : R136A, NGC 3603, ETA CAR, HII REGIONS, WR STARS

Proposers: Gerd Weigelt (PI; Max-Planck-Institut Fuer Radioastronomie, Bonn; Germany, West)

R136a is the core of the ionizing cluster NGC 2070 at the center of the 30 Doradus nebula in the Large Magellanic Cloud. The interesting question is whether R136 is a supermassive object or whether it is a dense star cluster. We propose FOC f/288 imaging and roll deconvolution in order to solve the question. Roll deconvolution of FOC f/288 data can yield exactly diffraction-limited resolution, for example, 0.02" at lambda = 200 nm. The same observations are proposed in order to study the nature HD 97950 AB in NGC 3603 and Eta Carinae. HD 97950 in NGC 3603 is probably of similar nature as R136. Objective prism observations are proposed in order to perform speckle spectroscopy of R136a and HD 97950 AB. Speckle interferometry observations (object autocorrelations) show that all 3 objects can be resolved with the ST. Only FOC f/288 measurements can yield the required resolution since only in the case of f/288 data the pixel size is small enough.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (HOT STARS) --

1256 - "THE NATURE OF THE LUMINOUS 'STARS' IN GIANT H II REGIONS "

Keywords : OB-ASSOCIATION-H II REGION-30 DOR NEBULA, 'SUPERMASSIVE STAR'

Proposers: Gerd Weigelt (PI; Max-Planck-Institut Fuer Radioastronomie, Bonn; Germany, West), P.Benvenuti (Esa, European Coordinating Facility; Germany, West), S.D'Odorico (European Southern Observatory; Germany, West), M.Rosa (Esa, European Coordinating Facility; Germany, West)

High spatial resolution long slit spectra will be obtained of the stellar-like luminous objects in the cores of giant extragalactic H II regions, namely R136 in the 30 Dor complex and two OB-WR type sources in NGC 604 in M 33. The detailed analysis of the spectral features in the wavelengthand the spatial regimes will be used to clarify the situation between the models proposed for these objects, i.e. whether they are very dense clusters of massive early type stars or whether they are small groups of or even are singleobjects in the 500 to 2000 solar masses range. Settling this question for the supermassive star candidates advocated in th Local Group will provide strong constraints for the interpretation of central objects in giant H II regions in more distant galaxies where star cluster appear unresolved even to ST. The 0.1 arc sec slit of the FOC will resolve 5000 AU in R136 and 7 10 4 AU in NGC 604 (comparable to ground based work on R136). Combined with ground based observations of NGC 3603 (the galactic candidate for a dense cluster/supermassive object) these observations will provide a continuous ladder of arguments based on the spectral and spatial characteristics of the object, that canbe extrapolated to interpret similar objects in more distant galaxies.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1257 - "MASSIVE STARS IN EXTRAGALACTIC HII REGIONS "
Keywords : MASSIVE STARS, HII REGIONS
Proposers: J. M. Deharveng (PI; Cnrs,Laboratoire Astronomie Spatiale; France), M.Joubert (Cnrs, Laboratory For Space Astronomy; France), J.Lequeux (Marseille Observatory; France)

It is proposed to take advantage of the high angular resolution and UV response of the Faint Object Camera to study the young massive stellar population in giant extragalactic HII regions. This will, in turn, enable to determine the upper Initial Mass Function in conditions different from those in the solar neighborhood. Three HII regions, NGC 604 and NGC 595 in the galaxy M33, NGC 5471 in the galaxy M 101 have been selected for observations at the f/96 mode. Three filters, including one in the far UV, are required for each target.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (MAGELLANIC CLOUDS) --

1258 - "CHEMICAL EVOLUTION AND HISTORY OF STAR FORMATION IN THE LMC "
Keywords : LARGE MAGELLANIC CLOUD - AGE - LUMINOSITY FUNCTION
Proposers: Peter Jakobsen (PI; Esa, Estec; Netherlands), A.Ardeberg (Lund Observatory; Sweden), B.Gustafsson (Stockholm Observatory; Sweden), G.Lynga (Lund Observatory; Sweden), P.Nissen (Aarhus, University Of; Denmark), B.Westerlund (Uppsala Astronomical Observatory; Sweden)

We intend to determine the age-metallicity relation and the luminosity function in the central bar of the Large Magellanic Cloud by obtaining deep FOC exposures in the four Stromgren uvby passbands.

Prop. Type: GTO/FOC Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN _SNR) --
1259- LT - "OBSERVATIONS OF SUPERNOVAE "
Keywords : SUPERNOVAE-GALACTIC HALOES-GALACTIC ENVIRONMENTS
Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute), J.Blades (Esa, Space Telescope Science Institute), N.Panagia (Esa, Space Telescope Science Institute)

We plan to observe supernovae (SNe) brighter than mB ~17m as soon as they are discovered and to follow their evolution in time by means of spectroscopic observations at early epochs and broad band photometry (imaging) at later epochs. Simultaneous IR, optical and radio observations will also be arranged. As interesting side-products, we will be able to study the properties of the intervening gas along the line of sight toward each SN as well as to reveal and study HII regions, bright planetary nebulae and supernova remnants which are expected to be found within the observing slit of the FOC spectrograph. Moreover, we plan to observe some of the brightest SNe which have been discovered recently and whose early phases have been studied by us in great detail.

Prop. Type: GTO/FOC Selection Cycle : 87A

GALAXIES _CLUSTERS -- (SURVEYS) --
1260 - "OBJECTIVE PRISM SURVEY "
Keywords : UV EMISSION, STARS, GALAXIES, ACTIVE GALAXIES, QUASARS.
Proposers: Craig D. Mackay (PI; Cambridge University; United Kingdom)

We propose to survey a set of fields at different galactic latitudes to look for new classes of object and to gather statistical data on the frequency and forms of UV emission in the general background population of stars and galaxies. The FOC at f/48 will be used with the FAR-UV Objective prism and a broad UV filter to allow low resolution spectra to be taken. The FOC has excellent dark current and the sky in the UV is dark, allowing spectra to be obtained for numbers of objects at very faint levels indeed.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY SOURCES) --
1261 - "OBSERVATIONS OF SS 433 "
Keywords : SS 433; JETS.
Proposers: Alec Boksenberg (PI; Royal Greenwich Observatory; United Kingdom), F.Paresce (Esa, Space Telescope Science Institute)

Jet formation is a widespread phenomenon in the universe. Jets have been identified is such widely disparate sites as AGNs, neutron stars and black holes, accreting hot subwards or white dwarfs and young stars embedded in cocoons of gas and dust. We propose here to study the structure and dynamics of jets in SS 433. This object affords us the best means of directly testing the physics of accretion disk formation and jet activity. Specifically, high spatial resolution images of SS 433 will reveal the presumed jets of material giving rise to the moving spectral features, definitely resolving fundamental questions on the overall geometry encompassing the ballistically flowing material. Sequential images taken at intervals of a few days will record the time development of the bursts of ejection relating to the short-lived spectral structure observed.

Prop. Type: GTO/FOC Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (DUST) --

1262 - "EVOLUTION OF GRAINS IN MOLECULAR CLOUD SHOCKS "

Keywords : INTERSTELLAR SHOCKS - DUST GRAINS - REFLECTION NEBULAE

Proposers: Peter Jakobsen (PI; Esa, Estec; Netherlands), G.Chlewicki (Leiden, University Of; Netherlands), J.Greenberg (Leiden, University Of; Netherlands), F.Paresce (Esa, Space Telescope Science Institute)

We intend to observe a shocked molecular region in Orion by using the f/96 imaging mode of the FOC. The objective of this program is to resolve the spatial structure perpendicular to the direction of motion of the shock front and the derive information on the changes in grain characteristics across the shock by observing the variation in intensity and wavelength dependence of scattered light. Our target is a section of the bright bar between THETA2 Ori and the Trapezium which is easily seen in continuum scattering as well as in nebular emission lines.

Prop. Type: GTO/FOC Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (HH OBJECTS) --

1263 - "STAR FORMATION REGIONS: HH AND T TAU OBJECTS "

Keywords : STAR FORMATION - INTERSTELLAR MEDIUM - HH OBJECTS - TTAU OBJECTS

Proposers: J. Chris Blades (PI; Esa, Space Telescope Science Institute)

It is proposed to study objects in their early stages of formation to investigate the intrinsic properties of these young objects and to establish the nature of their interaction with the local ISM. Time variablity of these targets is an important parameter, the targets will be revisited several times during the GTO phase. The program requires both the high-resolution, ultraviolet imaging and the long-slit spectrograph of the FOC for its success.

Prop. Type: GTO/FOC Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN _SNR) --

1264 - "POLARIMETRY OF WISPS NEAR THE CRAB PULSAR "

Keywords : POLARIMETRY, SUPERNOVA, PULSAR, CRAB NEBULA, PROPER MOTION

Proposers: Michael J. Disney (PI; University College, Cardiff; United Kingdom), I.Mclean (Royal Observatory, Edinburgh; United Kingdom)

We propose to observe the polarization in the Crab Nebula close to the pulsar in the U band. Our 3x1 hour observations will yield results accurate to 2.5%, and 5 degrees in a resolution element of 0.06". This will complement longer wavelength studies that can be better made with the WFC. It enables us to begin a longer term investigation of the motions reported in the wisps. Since we shall see 3727 filaments in U we propose a 1 hour 3727 exposure to subtract off the line contribution.

Prop. Type: GTO/FOC Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (PLANETARY NEBULAE) --

1265 - "FOC OBSERVATIONS OF SOME RING- AND PLANETARY NEBULAE "

Keywords : RING NEBULAE,PLANETARY NEBULAE,MORPHOLOGY

Proposers: T. M. Kamperman (PI; Space Research Laboratory Utrecht; Netherlands), J.Blades (Esa, Space Telescope Science Institute), J.Deharveng (Cnrs, Laboratory For Space Astronomy; France)

FOC filter and spectrographic observations are proposed of circumstellar HII regions around hot stars: one ring nebula around a Wolf-Rayet star and two planetary nebulae OVI- class central stars. The scientific aim is to study the morphology of the edge of these nebulae in different forbidden and semi- forbidden emission lines of CIII, OIII, Mg V and ArV, and the chemical abundance ratio's in the nebulae. The morphology is a powerful indicator for the origin of the nebulae (e.g.mass loss, ejection). The chemical abundance ratios, notably the C/O ratio, in the nebulae are significant measures on the evolutionary state of the central stars. The FOC enables observations, also in the visible wavelength region, at a spatial resolution at least 100 times as high as has been posssible so far.

Prop. Type: GTO/FOC Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (PLANETARY NEBULAE) --

1266 - "MAGELLANIC CLOUD PLANETARY NEBULAE "

Keywords : PLANETARY NEBULAE, HIGH RESOLUTION IMAGING, LONG SLIT SPECTROSCOPY

Proposers: J. Chris Blades (PI; Esa, Space Telescope Science Institute)

Using the high resolution f/96 mode of the FOC we shall image Magellanic Cloud Planetary Nebulae - objects whose diameters are less than 2 arcsec. Their known distances will allow nebular masses to be derived from their angular diameters, yielding the distribution of PN shell masses for the first time. In combination with their nebular expansion velocities, known from ground-based studies, it will be possible to determine the age of the objects. We shall obtain spatially resolved long-slit f/48 spectra of the nebulae to determine the electron density distribution and chemical abundances and to enable detailed nebular modelling thereby yielding the central star effective temperatures and luminosities. Comparison of those two parameters will allow a comparison to be made with the masses derived for the ejected envelopes.

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (ABSORPTION LINES) --

1267 - "INTERSTELLAR MEDIA OF EXTERNAL GALAXIES "

Keywords : INTERSTELLAR GAS, DUST; EXTERNAL GALAXIES; EARLY TYPE SUPERGIANTS, QSOS

Proposers: J. Chris Blades (PI; Esa, Space Telescope Science Institute)

This program will study the interstellar gas and dust in external galaxies via UV absorption lines superposed on the spectra of background stars and QSOs. First, we shall observe several early-type supergiants in M31, having a range in reddening and galactocentric distance: the properties of the dust and gas in M31 will be derived, as well as intrinsic properties of the stars. Second, we shall observe several QSOs behind NGC253 and Fornax whose sight-lines probe the outer disks and halos of these galaxies: the column density and extent of absorbing gas will be determined. Finally we shall study several QSOs situated near intervening galaxies whose spectra are already known to show galaxian CaII or NaI. Depending on our target we shall use either the FOS or FOC f/48 spectrograph.

Prop. Type: GTO/FOC Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS) --

1268 - "PHYSICS OF ASTEROIDS "

Keywords : SOLAR SYSTEM, ASTEROIDS

Proposers: Rudolf Albrecht (PI; Esa, European Coordinating Facility; Germany, West), J.Caldwell (Space Astrophysics Laboratory, Ists; Canada), T.Kamperman (Space Research Laboratory Utrecht; Netherlands), H.Schober (Graz University; Austria), G.Weigelt (Mpi F. Radioastronomie; Germany, West)

The purpose of the proposed investigation is to detemine the physical properties of selected asteroids (currently more than 4000 known, mainly between Mars and Jupiter, diameters ranging up to 10dex3 km). The asteroid 1 Ceres has a diameter of 1025 km and produces an image of 0.7 arcsec at opposition. We will study it with the FOC F/288 high resolution mode to determine the absolute diameter (and thus calibrate the asteroid diameter scales), the irregularities of the body, and the reasons for variations during its rotation (about 9.1 hours). The surface structure will be resolved to about 10x10 km per pixel, and also studied during rotation. The same will be done for a number of other asteroids. The position of the rotational pole will be determined, as well as the sence of rotation. Several asteroids are suspected to consist not only of one single body, but to be binary or multiple in nature, or to have satellites. The proposed observations will provide answers to these questions. The FOC in F/288 mode will for the first time produce direct images of asteroids with a resolution sufficient to discern surface details.

Prop. Type: GTO/FOC Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --

1269 - "FAR UV OBSERVATIONS OF THE GIANT PLANETS "

Keywords : FAR ULTRAVIOLET, GIANT PLANETS, AURORAE

Proposers: Francesco Paresce (PI; Esa, Space Telescope Science Institute), J.Gerard (Liege, University Of; Belgium), A.Vidal-Madjar (Institute Of Astrophysics, Paris; France)

H and H2 are the main constituents of the upper atmospheres of the giant planets and Titan, H is abundant in their exospheres and magnetospheres and N2, produced by photolysis of NH3, dominates the lower atmosphere of Titan. The spatial distribution of these elements is determined by the photochemical and particle dissociation processes responsible for their production and by the transport mechanisms responsible for their distribution. The presence of these planetary constituents is revealed by emissions of the HI, 1216 A Lyman alpha line, the H2 Lyman and Werner, and the N2 Lyman-Birge-Hopfield bands in the 1000-2000A region, all produced by particle impact excitation and/or resonance scattering of sunlight. Spatial and spectral images of the H, H2 and N2 atmospheres around these objects, consequently, represent key diagnostic tools in the investigation of these fundamental planetary phenomena. Moreover, Lyman alpha images of the giant planets taken at high enough spatial resolution will permit a determination of the abundance of deuterium, an extremely sensitive tracer of primordial nucleosynthesis. We propose to obtain a series of high resolution images of the giant planets' upper atmospheres and near-planetary environments in the far uv that are unobtainable from the ground or from the present generation of planetary probes.

Prop. Type: GTO/FOC Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS) --

1270 - "HIGH-RESOLUTION OBSERVATIONS OF PLUTO AND ITS MOON CHARON "

Keywords : PLUTO, CHARON

Proposers: Gerd Weigelt (PI; Max-Planck-Institut Fuer Radioastronomie, Bonn; Germany, West)

Roll deconvolution of ST data recorded with the f/288 mode of the FOC can yield diffraction-limited resolution at short UV wavelengths, for example 0.03" at lambda = 300 nm. This resolution is adequate enough to resolve for the first time the surface of Pluto (diameter 0.14 to 0.18") and of Charon (diameter 0.05 to 0.09"). Furthermore, ST measurements can improve our knowledge about the Charon orbit, the mass of Pluto and Charon and their densities.

Prop. Type: GTO/FOC Selection Cycle : 87A

SOLAR SYSTEM -- (COMETS) --

1273 - "DETECTION OF WATER IN COMETS "

Keywords : COMETS

Proposers: Cesare Barbieri (PI; Padova, University Of; Italy), J.Bertaux (Cnrs, Aeronomy Service; France), T.Encrenaz (Institute Of Astrophysics, Paris; France), M.Festou (Institute Of Astrophysics, Paris; France)

It is proposed to detect the presence of water vapor in comets and to measure its production. Two methods will be used:a)the direct observation of water vapor absorption near 1650-1850 A; b)the observation of the emission of OH radicals directly produced into the A state after dissociation of their parent molecule, currently asumed to be H2O. The first method implies either to record the spectrum of a hot star when it is occulted by the vapor envelope or to record the spectrum of the sunlight reflected by the dust particles, after it has been partially absorbed by the atmosphere of the comet. The second method implies to map the OH* emission near 3080 A: OH radicals directly produced in the A state have a very different spatial distribution than those which fluoresce in the solar light. The detection will be attempted on comet P/Brorsen-Metcalf in July 1989.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (EXTRASOLAR PLANETS) --

1274 - "A SEARCH FOR PLANETS AROUND NEARBY STARS "

Keywords : EXTRA-SOLAR PLANETS; SUB-STELLAR MASS COMPANIONS

Proposers: Cesare Barbieri (PI; Padova, University Of; Italy), A.Labeyrie (Cerga; France), A.Nota (Esa, European Space Operations Centre; Italy), H.Zinnecker (Royal Observatory, Edinburgh; United Kingdom)

We propose to take advantage of the very high resolution, sensitivity and attenuation capabilities of the FOC in its coronographic mode to search for planets of other stars, in order to get direct proof of their existence and to obtain data on the formation of planetary systems. Stars like Eps Eri and Barnard's are prime candidates for this search, because they are close to the Sun and their motion seems to be perturbed by unseen low-mass companions. The FOC is very suited to carry out the search, thanks to the photon counting capabilities, to the high attenuation of the coronograph, and to the small pixel size resolving the structure of the PSF of the bright primary star. A roll-blinking technique will be used to improve the detection capabilities.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (CIRCUMSTELLAR MATTER) --
1275 - "OBSERVATIONS OF CIRCUMSTELLAR MATERIAL AROUND NEARBY STARS "
Keywords : PROTOPLANETARY, CIRCUMSTELLAR, DISKS, SHELLS
Proposers: Francesco Paresce (PI; Esa, Space Telescope Science Institute), C.Barbieri (Padova, University Of; Italy)

It is proposed to explore at high spatial and moderate spectral resolution the close environments of 35 nearby stars that have a measured infrared excess indicating the presence of cold circumstellar material. The study will be conducted in the near and far ultraviolet where the full power of the FOC can be brought to bear and where several bright inherently circumstellar features may be expected. Narrow and medium band imaging with the high resolution apodizer, polarimetry and long slit spectroscopy will be utilized in the proposed program. The endeavor aims at determining the nature and the spatial and particle size distribution of the material surrounding these stars in as wide a range of spectral types, luminosities and distances from the central object as possible. The results should shed considerable light on the processes of formation and evolution of circumstellar structures relevant to the present or the protoplanetary solar system.

Prop. Type: GTO/OS Selection Cycle : 87A

GALAXIES CLUSTERS -- (SURVEYS) --
1276 - "LARGE AREA/MULTICOLOR SURVEY "
Keywords : GALAXIES - CLUSTERS; GALAXIES - EVOLUTION; COSMOLOGY
Proposers: Edward J. Groth Iii (PI; Princeton University)

Deep high latitude observations will be made with the WFC in order to study cosmology using as probes: the clustering of galaxies, galaxy counts as a function of magnitude, evolution of the galaxy luminosity function, evolution of galaxy colors, galaxy morphology, and the distribution of galaxies in redshift. The observations consist of a strip of 36 overlapping WFC exposures with the wide I filter. The strip is oriented in such a way that the FOC f/48 aperture will lie along the strip. Parallel FOC exposures with a wide B filter are used to provide color information for a subset of the galaxies detected in the WFC exposures. In addition, two of the fields are observed in six colors with the WFC and three colors with the FOC to provide detailed color information on a sample of the galaxies. These exposures will also be useful for star count studies bearing on galactic structure.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1277 - "IMAGING OF M31-GROUP GALAXIES "

Keywords : M31 -- STELLAR POPULATIONS -- HALO -- GLOBULAR CLUSTERS -- LOCAL GROUP

Proposers: Ivan R. King (PI; Uc, Berkeley), P.Crane (European Southern Observatory; Germany, West), J.Deharveng (Marseille Observatory; France), M.Disney (University College, Cardiff; United Kingdom)

1. Spatially resolved surface photometry at center of M31. 2. Color-magnitude array at edge of M31 central bulge. 3. Spatially resolved surface photometry at center of M32. 4. Color-magnitude array, not far from the center of M32. 5. Detection of stars that contribute the UV light. 6. Counting of Pop II red giants against the background of Pop I light in M31 central bulge, similarly in M32. 7. High-resolution imaging of dust and young stars at the centers of NGC 185 and 205, and old stars in these and NGC 147. 8. Simultaneous PC imaging of M31 globular clusters, the outer-bulge population of M31 and M32, the halo population of M31, and the outer population of NGC 185, 205, and 147.

Prop. Type: GTO/OS Selection Cycle : 87A

GALAXIES CLUSTERS -- (NEARBY GALAXIES) --

1278 - "SPECTROSCOPY OF THE CENTERS OF M31, M32, AND NGC205 "

Keywords : GALAXY -- SPECTROSCOPY -- ROTATION -- DYNAMICS

Proposers: Ivan R. King (PI; Uc, Berkeley), P.Crane (European Southern Observatory; Germany, West)

The M31 spectra, taken with the slit along the major axis, will total 2 hours and will produce enough counts to get both the rotation curve and the velocity dispersion as a function of position along the slit, with 1- pixel resolution at the center and resolution degraded to several pixels farther out. The M32 spectra will total 1 hour and will give a high-resolution rotation curve along the major axis. (The slit is too wide to get the velocity didpersion). The spectra of NGC 205 will do almost the same, on the small nucleus. In all cases parallel exposures will be made with the PC, on M31 globular clusters, and including the surrounding edge-of bulge population.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --
1279 - "STRUCTURE OF GLOBULAR CLUSTERS "
Keywords : GLOBULAR CLUSTERS -- DYNAMICS -- LUMINOSITY FUNCTION
Proposers: Ivan R. King (PI; Uc, Berkeley), S.Djorgovski (Center For Astrophysics), F.Macchetto (Esa, Space Telescope Science Institute)

Four contrasting clusters are studied, to elucidate the differences in their dynamics. Omega Centauri and 47 Tucanae are normal clusters but differ in relaxation time by a factor of 30; they should show interesting differences of structure due to differences in anistropy and equipartition. NGC 6624 has a collapsed core, which has never been resolved. NGC 6752 is a concentrated cluster with a small distance modulus and can be studied quite faint. Each cluster is observed in B and V at the center and at 1 and 3 core radii; ground-based data will be secured to carry the distributions farther out. The distributions of all types of stars should be delineated, down to and including red dwarfs and white dwarfs. Far-UV exposures are made at the centers of M15 and NGC 6624, to search for possible counterparts to the X-ray sources, and in the NGC 6752, to determine the temperatures of the BHB stars. Simultaneous exposures are made in V and I with the WFC, to gain further structural information.

Prop. Type: GTO/OS Selection Cycle : 87A

GALAXIES _CLUSTERS -- (NEARBY GALAXIES) --
1280 - "COLLAPSED CORES OF GLOBULAR CLUSTERS "
Keywords : GLOBULAR CLUSTER--DYNAMICS
Proposers: Ivan R. King (PI; Uc, Berkeley), S.Djorgovski (Center For Astrophysics)

About a dozen globular clusters are known that have the central density peak that is probably the signature of dynamically collapsed core. These will be imaged for surface photmetry at higher resolution than can be achieved on the ground. Simultaneous WFC exposures will contribute information on the raidal density distribution of faint stars.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR POPULATIONS -- (GALACTIC BULGE) --
1281 - "THE FAINT POPULATION IN BAADE'S WINDOW "
Keywords : BULGE -- STELLAR POPULATION -- LUMINOSITY FUNCTION
Proposers: Ivan R. King (PI; Uc, Berkeley), J.Deharveng (Marseille Observatory; France)

With 1500 sec in each of U, B, and V, at f/96, we will easily reach the main-sequence turnoff in the central bulge of the Milky Way, taking advantage of the low absorption in Baade's Window. FOC resolving power is adequate to separate stars down to the limited magnitude of ST. A by-product of another program will be a pair of V and I parallel WFC exposures, overlapping the same field.

Prop. Type: GTO/OS Selection Cycle : 87A

GALAXIES CLUSTERS -- (DISTANT GALAXIES) --

1282 - "IMAGING OF HIGH-REDSHIFT FIELD GALAXIES AND CLUSTERS "

Keywords : DISTANT GALAXY -- DISTANT GALAXY CLUSTER

Proposers: Ivan R. King (PI; Uc, Berkeley), P.Crane (European Southern Observatory; Germany, West), D.Koo (Space Telescope Science Institute), R.Kron (Chicago, University Of)

Koo and Kron have a long list of redshifts, from small up to 0.8, for individual and clustered galaxies in several fields; they also have 4 ground-based colors. Their fields are paired at seperations of 7 min, so that we can observe neighboring fields simultaneously with the FOC and the WFC. The aims are: (1) Visible and UV morphology, (2) UV colors. In every case the FOC images one or more galaxies in detail, while the WFC covers an area in which several galaxies have known redshifts. Most of the FOC work is at f/48, because the number of expected counts does not allow higher resolution at good S/N.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1283 - "M31 GLOBULAR CLUSTERS AND HALO STARS "

Keywords : M31--STELLAR POPULATIONS--HALO--GLOBULAR CLUSTERS-- LOCAL GROUP

Proposers: Ivan R. King (PI; Uc, Berkeley), M.Disney (University College, Cardiff; United Kingdom), A.Renzini (Bologna, University Of; Italy)

Since all of the globular clusters in M31 are at the same distance modulus, they offer an unparalleled opportunity to compare absolute magnitudes of various features of their HR diagrams, especially the horizontal branch. Clusters will be studied in B and V, with 0.1 mag accuracy in each color at 1 mag below the HB. The clusters chosen cover a range in meallicity and hopefully a range in the second parameter too. A number of clusters will get preliminary shorter exposures, to delineate the HB morphology; then the best 3 will be chosen for full study. Parallel WFC exposures will be made on fields of the M31 halo. These will delineate the density distribution and the upper part of the luminosity function (including HB morphology). Parallel PC exposures in King GTO programs will add to the sample of M31 globulars.

Prop. Type: GTO/FOC Selection Cycle : 87A

GALAXIES _CLUSTERS -- (NEARBY GALAXIES) --

1284 - "GLOBULAR CLUSTER POPULATION IN M87 "

Keywords : GLOBULAR CLUSTER -- ELLIPTICAL GALAXY -- M87

Proposers: Ivan R. King (PI; Uc, Berkeley), R.Cannon (Royal Observatory, Edinburgh; United Kingdom)

B and V f/96 512x1024 images zoomed to 22x22 arcsec, 1 arcmin from the center of M87, will give good sampling of globular clusters. The WFC will take V and I simultaneously, 5.5 min on the other side of the center. The combination of these will give the luminosity function of M87 globulars down to B=25.

Prop. Type: GTO/OS Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES, RINGS) --

1285 - "IO, EUROPA AND GANYMEDE BELOW 3000 A "

Keywords : IO, EUROPA, GANYMEDE, SO2

Proposers: John J. Caldwell (PI; York University; Canada)

Observe Io and Europa both at each orbital elongation (total of four exposures) with FOS H27, to search for SO2 absorption features. It is assumed 2 that an analogous single exposure on Ganymede will be part of the observatory calibration program. Also observe Io at one orbital elongation and Ganymede with HRS G200M, the former for SO2 absorption features, the latter for 2 calibration. L. Trafton of the HRS team will obtain a similar exposure of Io at the other orbital elongation. Finally image both Io and Europa at both orbital elongations with FOC F220W f/288.

Prop. Type: GTO/OS Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --

1286 - "AURORAL IMAGING OF JUPITER AND SATURN "

Keywords : JUPITER, SATURN, AURORA, H2

Proposers: John J. Caldwell (PI; York University; Canada)

Observe Jupiter and Saturn with the FOC, using two filters in series to reduce the red leak, at 1600 A for H2 Auroral emissions. For Jupiter, a sequence of seven images of the North Polar Region, spaced over one Jovian day, will be acquired. For Saturn, only one image will be attempted.

Prop. Type: GTO/OS Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (EXTRASOLAR PLANETS) --

1287 - "BETA PICTORIS ENVIRONMENT "
Keywords : BETA PICTORIS, CIRCUMSTELLAR RINGS
Proposers: John J. Caldwell (PI; York University; Canada)

Images of the Beta Pictoris Ring System will be obtained with the FOC, using the occulting fingers, over a wide wavelength interval to determine gross compositional information. FOS spectroscopy of selected regions will be obtained later.

Prop. Type: GTO/OS Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --

1288 - "SPATIALLY RESOLVED SPECTROSCOPY OF JUPITER, SATURN AND SATURN'S RINGS "
Keywords : ATMOSPHERIC CHEMISTRY, JUPITER, SATURN
Proposers: John J. Caldwell (PI; York University; Canada)

Obtain Spectrophotometry of selected regions of Jupiter and Saturn from 1500 to 3000 A, to study chemical composition of the upper atmosphere at various places with distinctive characteristics, including the poles, belt, zones and the Great Red Spot. Also obtain spectra of Saturn's A and B rings between 1500 and 2300 A.

Prop. Type: GTO/OS Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS) --

1289 - "STRUCTURE AND COMPOSITION OF TITAN'S ATMOSPHERE "
Keywords : TITAN, ATMOSPHERIC CHEMISTRY
Proposers: John J. Caldwell (PI; York University; Canada)

Titan will be observed both with ultraviolet and near infrared imaging and with ultraviolet spectroscopy. The near infrared imaging includes both the CH 4 band at 8890A and the nearby continuum, with a very broad-band filter for the latter. These wavelengths were not covered by the previous Voyager imaging. The CH band images may show atmospheric structure not otherwise visible, 4 because of the high opacity at this wavelength. The continuum image may actually sample the surface of Titan because the opacity there may be much lower than at other accessible wavelengths. The ultraviolet imaging is to look for very high altitude atmospheric structure that might be associated with details of the ultraviolet spectroscopy (which will itself have not spatial resolution). The ultraviolet spectroscopy will include a search for discrete absorption features, including those of CO, as well as continuum Rayleigh scattering from the atmosphere. Rayleigh scattering has not previously been detected from Titan, despite the very thick atmosphere there, because of strong absorption by quasi-organic material.

Prop. Type: GTO/OS Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --

1290 - "URANUS AND NEPTUNE BELOW 3000 A "

Keywords : URANUS, NEPTUNE, ATMOSPHERIC CHEMISTRY, AURORAE

Proposers: John J. Caldwell (PI; York University; Canada)

Both these planets will be observed spectroscopically from 1515 to 2280 A to search for atmospheric absorption features, including such possible trace gas constituents as C2H2, and also for H2 auroral emission. For Neptune, the auroral search would be in the discovery mode. For Uranus, there are already indications from other wavelengths that there is an aurora there, and the HST observations will follow the Voyager encounter, so the Uranian observations will be to improve the understanding of an established phenomenon. A complementary ultraviolet image of Uranus will be obtained, to look for structure that may be associated with the reflection spectrum.

Prop. Type: GTO/OS Selection Cycle : 87A

SOLAR SYSTEM -- (COMETS) --

1291 - "COMET HALLEY HYDROGEN CORONA "

Keywords : COMET HALLEY, HYDROGEN CORONA, LYMAN ALPHA

Proposers: John J. Caldwell (PI; York University; Canada)

The red leak will be a major problem for most attempts at planetary imaging with the WF/PC using the Lyman alpha filter. However, for comets, the OAO-2 discovered a very extended corona consisting of atomic H. Thedetection was possible because of the strong Lyman alpha signal due to resonant scattering of the Solar feature at that wavelength. For comets, the red leak would grossly distort the image of the near-nuclear region, but will not effect the extended atmosphere very much. As comet Halley recedes in 1986-87, the HST should be uniquely able to monitor the final stages of its activity.

Prop. Type: GTO/OS Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS) --

1292 - "SURFACE COMPOSITION OF PLUTO/CHARON "

Keywords : PLUTO/CHARON, METHANE

Proposers: John J. Caldwell (PI; York University; Canada)

Pluto/Charon will be observed at both orbital elongations with the PC grism, to search CH4 absorptions features (undoubtedly from condensed CH4) on both. Previous spectroscopy from the ground has not been able to resolve the pair spatially, so that previous detections of CH4 features have been attributed to an average planet, not to the individual members of the pair.

A special orientation will be needed, so that the two spectra do not overlap on the objective grating field of view, forcing the observations to be made near geocentric Solar opposition, where constraints on the spacecr aft roll angle due to power concerns will be minimized. Differences in the spectral characteristics of the two surfaces should be very easy to detect if they exist.

Prop. Type: GTO/OS Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --
1293 - "URANUS NEAR-INFRARED PROPERTIES "
Keywords : URANUS, ATMOSPHERIC STRUCTURE, METHANE
Proposers: John J. Caldwell (PI; York University; Canada)

Images of Uranus in both strong (8890A) and weak (4870A) CH4 continuum (8500 and 5550A) images will be combined with FOS s (4000-8000A) of selected areas on Uranus to determine the ver of condensed and gaseous CH4 in the atmosphere of that planet inhomogeneous radiative transfer calculations will be require data, because the sources of opacity will certainly vary with

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Prop. Type: GTO/OS Selection Cycle : 87A

SOLAR SYSTEM -- (
1294 - "JC PARALLEL OBSERVATIONS "
Keywords :
Proposers: John J. Caldwell (PI; Suny, Stony Brook)

TWO CATEGORIES OF PARALLEL OBSERVATIONS ARE REQUESTED: 1) LYMAN ALPHA SKY IMAGES NEAR COMET HALLEY, FOR CALIBRATION OF SIMILAR IMAGES OF THE COMET ITSELF. 2) SPECTRA OF STARS THAT ARE BRIGHT IN THE ULTRAVIOLET, WHICH ARE ALREADY BEING OBSERVED BY THE HRS, AS THESE STARS ARE BEING OCCULTED BY THE ATMOSPHERE OF THE EARTH.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (MAGELLANIC CLOUDS) --
1295 - "PHOTOMETRY OF STARS IN OLD MAGELLANIC CLOUD CLUSTERS "
Keywords : OPEN CLUSTER--MAGELLANIC CLOUDS
Proposers: Ivan R. King (PI; Uc, Berkeley), R.Cannon (Royal Observatory, Edinburgh; United Kingdom)

We will get accurate color-magnitude arrays that reach well below the main-sequence turnoff in three old clusters in the Magellanic Clouds, allowing detailed comparison with old clusters of different metal abundances in the Milky Way. Simultaneous exposures with the PC on fields in the Clouds will also determine the main-sequence turnoff for them.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --

1296 - "LOWER MAIN SEQUENCE AND WHITE DWARFS IN THE GLOBULAR CLUSTER NGC 6397 "
Keywords : GLOBULAR CLUSTERS -- WHITE DWARF -- LUMINOSITY FUNCTION
Proposers: Ivan R. King (PI; Uc, Berkeley), V.Castellani (Rome, University Of; Italy)

We will do a 2-color photometry, as faint as the allotted time will allow. NGC 6397 has the smallest distance modulus (12.3) among globular clusters. We will have a significant color-magnitude array down almost to V absolute magnitude 14, including both red dwarfs and white dwarfs. Exposures will be made at the center and at two other points, in order to get overall luminosity functions, for which the radial distribution must be known. Simultaneous exposures with the WFC will be concentrated on a single outer field, to go to a deep limiting magnitude.

Prop. Type: GTO/WFC Selection Cycle : 87A

GALAXIES CLUSTERS -- (SURVEYS) --

1297 - "HIGH-LATITUDE WF/PC PARALLEL SURVEY "
Keywords : DISTANT GALAXIES; GALAXY GROUPS; GALAXY EVOLUTION; ASTROMETRY; PROPER MOTIONS; STAR COUNTS; POPULATION II; GALACTIC HALO; AGNS;
Proposers: James A. Westphal (PI; Caltech), J.Blades (Esa, Space Telescope Science Institute), J.Dolan (Nasa, Goddard Space Flight Center), H.Ford (Space Telescope Science Institute), E.Groth Iii (Princeton University), S.Maran (Nasa, Goddard Space Flight Center), W.Van Altena (Yale University)

The WF/PC team has proposed two primary programs on the evolution of distant galaxies -- one a survey of distant clusters, the other a study of galaxy counts and colors to very deep levels in two fields. The parallel program described here directly supports these primary programs by providing a random comparison sample of galaxies in a large number of high-latitude fields. Galactic star counts and the structure of the Galactic halo will also be studied. The intention to carry out such a survey was described in the original WF/PC Team proposal. The planned exposures utilize the wide-field camera in parallel mode in fields above thirty degrees galactic latitude where another instrument is prime and observing a relatively small source. (Roughly 40 percent of all such high-latitude GTO parallel opportunities are devoted to the present proposal; the remainder are part of a high-latitude survey planned by the FOS team.) The expectation is that these fields will represent a fair sample of the universe and the Galactic halo.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1298 - "WFC PARALLEL LOCAL-GROUP AND NEARBY GALAXIES PROGRAM "

Keywords : STELLAR POPULATIONS; LOCAL GROUP HR DIAGRAMS; STAR FORMATION

Proposers: James A. Westphal (PI; Caltech), J.Blades (Esa, Space Telescope Science Institute), J.Dolan (Nasa, Goddard Space Flight Center), H.Ford (Space Telescope Science Institute), E.Groth Iii (Princeton University), S.Maran (Nasa, Goddard Space Flight Center), W.Van Altena (Yale University)

The WF/PC team has proposed an extensive primary program on stellar populations in nearby and Local Group galaxies. This parallel program directly supports these efforts and consists of observations that are similar to those in the primary programs. WF/PC images are taken in our standard filter set whenever another instrument is prime and is observing in a Local Group or other large nearby galaxy. The observations will be used to study the mass function, HR diagram, star formation history in these objects, with filters included to cover stars over a wide range in effective temperature.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --

1299 - "WIDE-FIELD CAMERA PARALLEL GLOBULAR CLUSTER PROGRAM "

Keywords : STELLAR POPULATIONS, GLOBULAR CLUSTERS, POPULATIONS II, WHITE DWARFS.

Proposers: James A. Westphal (PI; Caltech), J.Blades (Esa, Space Telescope Science Institute), J.Dolan (Nasa, Goddard Space Flight Center), H.Ford (Space Telescope Science Institute), E.Groth Iii (Princeton University), S.Maran (Nasa, Goddard Space Flight Center), W.Van Altena (Yale University)

The WF/PC team has proposed an extensive primary program on the stellar content and structure of Galactic globular clusters. This parallel program directly supports these efforts and consists of images in the exterior regions of clusters, taken in a manner similar to those of the primary program.. WF/PC images are obtained in a standard filter set whenever another instrument is prime and is observing in a Galactic globular cluster. The observations will be used to study luminosity function, white dwarf content, and mass segregation in the outer parts of the clusters. The images will also provide first-epoch frames for future proper-motion studies of stars in globular clusters.

Prop. Type: GTO/WFC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1300 - "WIDE-FIELD CAMERA PARALLEL OUTSKIRTS OF NEARBY GALAXIES PROGRAM "
Keywords : STELLAR POPULATIONS, GLOBULAR CLUSTERS, GALAXIES, GALAXY HALOS
Proposers: James A. Westphal (PI; Caltech), J.Blades (Esa, Space Telescope Science Institute), J.Dolan (Nasa, Goddard Space Flight Center), H.Ford (Space Telescope Science Institute), E.Groth Iii (Princeton University), S.Maran (Nasa, Goddard Space Flight Center), W.Van Altena (Yale University)

Parallel images with the WF/PC are proposed to augment and amplify primary observations of globular clusters and stars in nearby galaxies. The galaxies in the present proposal have angular sizes that are small compared to the angular separation between the WF/PC and the prime observing instrument. The fields are thus expected to lie off the disk regions and in the outer halos of the objects. The choice of filters is tailored to the cool stars and globular clusters that are expected to dominate in these regions. (Larger galaxies, in which a significannt population of young stars may be found in the WF/PC field, are treated in a separate parallel proposal.) The images will be used to study the luminosity function of stars on the evolved giant branch and the properties of globular clusters as a function of galactocentric radius.

Prop. Type: GTO/FOS Selection Cycle : 87A

GALAXIES CLUSTERS -- (SURVEYS) --

1301- LT - "FOS HIGH LATITUDE WF/PC PARALLEL SURVEY "
Keywords : GALAXY CLUSTERS, SUPERCLUSTERS OF GALAXIES, EXTRAGALATIC GLOBULAR CLUSTERS, EXTRAGALACTIC NOVAE, EXTRAGALACTIC HALO STARS
Proposers: Richard J. Harms (PI; Applied Research Corporation), J.Blades (Esa, Space Telescope Science Institute), J.Dolan (Nasa, Goddard Space Flight Center), H.Ford (Space Telescope Science Institute), E.Groth Iii (Princeton University), J.Gunn (Princeton University), S.Maran (Nasa, Goddard Space Flight Center), W.Van Altena (Yale University)

Most of the FOS GTO primary observations are aimed at studying active galactic nuclei (AGN). However, spectroscopic observations are not only useful method for understanding these objects. WF/PC (and FOC) pictures can be used to identify any close companions to these objects, determine whether or not the AGN are in clusters or superclusters, and to search for foreground galaxies that could be responsible for the aborption lines seen in QSOs. WF/PC (and FOC) pictures can also be used to study the content of nearby galaxies, again a main part of the FOS primary program. These pictures can be use to identify globular clusters, search for novae, and also resolve individual red gaints in the halos of these galaxies.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --

1302 - "PARALLEL FOC OBSERVATIONS IN GLOBULAR CLUSTERS "

Keywords : GLOBULAR CLUSTER

Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute), J.Blades (Esa, Space Telescope Science Institute), J.Dolan (Nasa, Goddard Space Flight Center), H.Ford (Space Telescope Science Institute), E.Groth Iii (Princeton University), J.Gunn (Princeton University), S.Maran (Nasa, Goddard Space Flight Center), W.Van Altena (Yale University)

During the time when any other SI is pointed at a globular cluster for one dark period or longer, the FOC is used in B and V (and in U, if the time is long enough) to get a faint color-magnitude array in the outer parts of the cluster. This program is complementary to a large portion of FOC primary science which deals with population studies in a variety of objects.

Prop. Type: GTO/FOC Selection Cycle : 87A

STELLAR POPULATIONS -- (NEARBY GALAXIES) --

1303 - "PARALLEL FOC OBSERVATIONS IN STELLAR POPULATION FIELDS "

Keywords : LOCAL GROUP, STELLAR POPULATION

Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute), J.Blades (Esa, Space Telescope Science Institute), J.Dolan (Nasa, Goddard Space Flight Center), H.Ford (Space Telescope Science Institute), E.Groth Iii (Princeton University), J.Gunn (Princeton University), S.Maran (Nasa, Goddard Space Flight Center), W.Van Altena (Yale University)

During the time when any other SI is pointed anywhere in a Local-Group or other very nearby galaxy for one dark period or longer, the FOC is used in B and V (and in U, if the time is long enough) to study the stellar population in the part of that galaxy where the exposure falls. This program is complementary to a number of FOC primary proposals to do similar science in primary mode.

Prop. Type: GTO/FOS Selection Cycle : 87A

GALAXIES CLUSTERS -- (NEARBY GALAXIES) --

1304 - "PARALLEL FOC OBSERVATIONS IN NEARBY GALAXIES "

Keywords : NEARBY GALAXY, GLOBULAR CLUSTER, NOVA, STELLAR POPULATIONS

Proposers: Richard J. Harms (PI; Applied Research Corporation), J.Blades (Esa, Space Telescope Science Institute), J.Dolan (Nasa, Goddard Space Flight Center), H.Ford (Space Telescope Science Institute), E.Groth Iii (Princeton University), J.Gunn (Princeton University), S.Maran (Nasa, Goddard Space Flight Center), W.Van Altena (Yale University)

FOC parallel images can be used to study the contents of nearby galaxies, a main part of the FOS primary program. Two uses for these images are identification of globular clusters and a search for novae.

Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (ASTROMETRY) --

1305- LT - "OBSERVATIONS OF THE Z-MOTIONS IN THE GALAXY "

Keywords : PROPER MOTIONS, Z-VELOCITIES, GALACTIC STRUCTURE, DISK MASS, BINARY STAR

Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

These exposures constitute the first epoch observations for an investigation of the motions perpendicuar to the plane of the Galaxy of stars lying within a cylinder centered on the sun having a radius of 10 kpc and a height of +/-5 kpc. All of the first epoch observations will be made in the parallel mode with the Wide Field or Planetary Camera in cases where the primary observation is at least as long as 45 minutes. This exposure time will enable us to obtain a 20 minute exposure in both the V and R passbands. We plan to repeat the observations after a time interval of five years, which should yield proper motions with an accuracy of 0.0002 "/yr, or 9.5 km/sec at a distance of 10 kpc. Since the local velocity dispersion perpendicular to the galatic plane is about 30 km/sec, we should be able to accurately study the z-motions of stars from the galactic center out to the outer edge of the Galaxy. The result of this analysis will be a determination of th mass density in the disk of the Galaxy over an area of about 3x10dex-8 pc2. Since the observations will extend to at least +/-5 kpc from the galactic plane, the velocity profiles should yield the complete mass distribution of the disk and may provide some information on the thick disk. The first epoch observations will be examined as they are taken to study the frequency distribution of multiple stars from the resolution of the ST to angular separations of about 2".

Prop. Type: GTO/HRS Selection Cycle : 87A

STELLAR POPULATIONS -- (DIFFUSE MATTER) --

1306 - "PARALLEL MODE IMAGING INVESTIGATIONS OF FIELDS AT LOW GALACTIC LATITUDES"

Keywords : INTERSTELLAR MEDIUM, VISUAL BINARIES, MASS LOSS

Proposers: Frederick M. Walter (PI; Colorado, University Of), J.Blades (Esa, Space Telescope Science Institute), J.Brandt (Nasa, Goddard Space Flight Center), J.Dolan (Nasa, Goddard Space Flight Center), H.Ford (Space Telescope Science Institute), E.Groth Iii (Princeton University), J.Gunn (Princeton University), S.Heap (Nasa, Goddard Space Flight Center), J.Hutchings (Dominion Astrophysical Observatory; Canada), S.Maran (Nasa, Goddard Space Flight Center), W.Van Altena (Yale University)

We propose a series of parallel mode observations with the WF/PC as an adjunct to the HRS GTO observing program. This imaging data will be used to study variations in galactic extinction on small angular scales, the luminosity function of very low mass stars, to look for nebulosity about late type giants and pre-main sequence stars to study mass loss, and to search for visual binaries with sub-arc second separations.

Prop. Type: GTO/FOC Selection Cycle : 87A

GALAXIES _CLUSTERS -- (SURVEYS) --
1307 - "FOC IDT PARALLEL OBSERVATIONS PROGRAMS "
Keywords : ULTRAVIOLET SURVEY - FAR UV OBJECTIVE PRISM - IMAGING
Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute)

The aim of this programme is to carry out parallel observations using both the FOC far-ultraviolet objective prism and selected filters in the F/48, 44 x 44 arcsecdex2, wide-field configuration of the FOC. The major thrust of our programme is the objective-prism survey: our purpose is to detect and classify ultraviolet sources, including completely new classes of astronomical objects that we expect to find in our images. We shall also carry out imaging through several of the FOC filters to help in the analysis of the objective-prism survey and complement many of the FOC IDT prime programmes, especially our stellar population, galaxy halos and QSO studies. Our parallel programme will allow statistics to be amassed on the UV emission properties of field objects including both galactic stars and external galaxies. This programme will support the following prime programmes (STScI numbers): 1234, 1237, 1239, 1260, 1263, 1265 and 1267, amongst others, and is directly related to the scientific interests of the IDT.

Prop. Type: GTO/HSP Selection Cycle : 87A

QUASARS _AGN -- (GRAVITATIONAL LENSES) --
1391- LT - "GRAVITATIONAL LENSES - PART II "
Keywords : GRAVITATIONAL LENSES; BLACK HOLES; HUBBLE CONSTANT
Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

Photometric and polarimetric observations will be made of systems whose properties are ascribed to the effect of a gravitational lens. The similarity of the images in the previously unobserved UV region of the spectrum, both photometrically and polarimetrically, is necessary for these objects to be gravitational lens systems; any differences found will be carefully studied to determine what constraints they put on the system. Systems whose properties appear consistent with a point mass deflector (i.e., a black hole) will be monitored to determine whether photometric or polarimetric variablity exists in the images. The distance to the deflecting mass in this case can be related to the path length difference between the two image paths from the imaged quasar to the observer. The path length difference can be derived directly from the time difference between the same variation occurring in each image. The parallaxes of objects at E+3 Mpc distances are of obvious importance to a wide variety of cosmological studies. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote _local; Fixed syntax - SALM 9/14/89; Various Small Changes - Dolan 9/27/89; Reduce cycle 1 visits on QS00023+171, coarse track - SALM 2/16/90; Add 1 visit for QS00023+171 - SALM 2/22/90 Move QS00023+171 to cycle 2 - SALM 3/20/90

Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (ASTROMETRY) --

1394- LT - "PARALLAXES OF HYADES CLUSTER MEMBERS "

Keywords : HYADES, DISTANCE SCALE, POP I, PARALLAXES, PROPER MOTIONS

Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

The goal of this project is to determine trigonometric parall Hyades cluster members and to define the Population I zero ag The ZAMS is used to determine the distances to open clusters the zero point of the Cepheid Period-Luminosity relationship, fundamental distance indicator in the universe. A secondary g project is to search for new Hyades cluster members which mig the 25th magnitude, or M(v)=22. This part of the project will through coordinated parallel observations with the WFC to det motions of very faint stars over a one year base line. FGS parallax observations of the thirteen Hyades members shou in the distance modulus of the Hyades Cluster good to approxi This accuracy should be sufficient to eliminate the Hyades as in determining the galactic distance scale.

Prop. Type: GTO/AST Selection Cycle : 87A

QUASARS _AGN -- (ASTROMETRY) --
1475- LT - "EXTRAGALACTIC ASTROMETRY AND ASTROPHYSICS - AST/PC PART TWO OF FIVE - PROPOSAL 1475 (WFPC OBSERVATIONS)"
Keywords : QUASARS, BL LACS, AGNS, HIPPARCOS, REFERENCE FRAMES FUNDAMENTAL ASTROMETRY, QUASAR INTERNAL MOTION
Proposers: William H Jefferys (PI; University Of Texas At Austin), J.Westphal (California Institute Of Technology)

The goal of this project is the determination of the rotation of the HIPPARCOS Reference Frame with respect to an Extragalactic Frame. The program will derive the internal optical motions of extragalactic objects (QSOs, BL Lacs, AGNs) at the +/- 0.002 arcsecond per year level of accuracy. 160 SAO stars within the FGSFOV of all selected QSOs, BL Lacs, and AGNs are included in the HIPPARCOS catalog. Ground based speckle observations have been used to pre-detect doubles which would cause problems for the FGS. The FGSs will measure the relative positions of SAO stars with respect to objects brighter than 17 mag. Fainter objects will be observed with the WFPC and FGS together. The objects have been selected in conjunction with the recommendations of the IAU working group in Radio/Optical Identifications, and have been selected for compactness and intensity. Most of the objects are recommended as ultimate position calibrators.

Prop. Type: GTO/AST Selection Cycle : 87A

QUASARS _AGN -- (ASTROMETRY) --
1532- LT - "EXTRAGALACTIC ASTROMETRY AND ASTROPHYSICS - AST/PC PART THREE OF FIVE - PROPOSAL 1532 (FGS OBSERVATIONS)"
Keywords : QUASARS, BL LACS, AGNS, HIPPARCOS, REFERENCE FRAMES FUNDAMENTAL ASTROMETRY, QUASAR INTERNAL MOTION
Proposers: William H Jefferys (PI; University Of Texas At Austin)

The goal of this project is the determination of the rotation of the HIPPARCOS Reference Frame with respect to an Extragalactic Frame. The program will derive the internal optical motions of extragalactic objects (QSOs, BL Lacs, AGNs) at the +/- 0.002 arcsecond per year level of accuracy. 160 SAO stars within the FGSFOV of all selected QSOs, BL Lacs, and AGNs are included in the HIPPARCOS catalog. Ground based speckle observations have been used to pre-detect doubles which would cause problems for the FGS. The FGSs will measure the relative positions of SAO stars with respect to objects brighter than 17 mag. Fainter objects will be observed with the WFPC and FGS together. The objects have been selected in conjunction with the recommendations of the IAU working group in Radio/Optical Identifications, and have been selected for compactness and intensity. Most of the objects are recommended as ultimate position calibrators.

Prop. Type: GTO/AST   Selection Cycle : 87A

QUASARS _AGN -- (ASTROMETRY) --

1570- LT - "EXTRAGALACTIC ASTROMETRY AND ASTROPHYSICS - AST/PC PART FOUR OF FIVE - PROPOSAL 1570 (FGS OBSERVATIONS)"

Keywords : QUASARS, BL LACS, AGNS, HIPPARCOS, REFERENCE FRAMES FUNDAMENTAL ASTROMETRY, QUASAR INTERNAL MOTION

Proposers: William H Jefferys (PI; University Of Texas At Austin)

The goal of this project is the determination of the rotation of the HIPPARCOS Reference Frame with respect to an Extragalactic Frame. The program will derive the internal optical motions of extragalactic objects (QSOs, BL Lacs, AGNs) at the +/- 0.002 arcsecond per year level of accuracy. 160 SAO stars within the FGSFOV of all selected QSOs, BL Lacs, and AGNs are included in the HIPPARCOS catalog. Ground based speckle observations have been used to pre-detect doubles which would cause problems for the FGS. The FGSs will measure the relative positions of SAO stars with respect to objects brighter than 17 mag. Fainter objects will be observed with the WFPC and FGS together. The objects have been selected in conjunction with the recommendations of the IAU working group in Radio/Optical Identifications, and have been selected for compactness and intensity. Most of the objects are recommended as ultimate position calibrators.

Prop. Type: GTO/AST   Selection Cycle : 87A

QUASARS _AGN -- (ASTROMETRY) --

1571- LT - "EXTRAGALACTIC ASTROMETRY AND ASTROPHYSICS - AST/PC PART FIVE OF FIVE - PROPOSAL 1571 (FGS OBSERVATIONS)"

Keywords : QUASARS, BL LACS, AGNS, HIPPARCOS, REFERENCE FRAMES FUNDAMENTAL ASTROMETRY, QUASAR INTERNAL MOTION

Proposers: William H Jefferys (PI; University Of Texas At Austin)

The goal of this project is the determination of the rotation of the HIPPARCOS Reference Frame with respect to an Extragalactic Frame. The program will derive the internal optical motions of extragalactic objects (QSOs, BL Lacs, AGNs) at the +/- 0.002 arcsecond per year level of accuracy. 160 SAO stars within the FGSFOV of all selected QSOs, BL Lacs, and AGNs are included in the HIPPARCOS catalog. Ground based speckle observations have been used to pre-detect doubles which would cause problems for the FGS. The FGSs will measure the relative positions of SAO stars with respect to objects brighter than 17 mag. Fainter objects will be observed with the WFPC and FGS together. The objects have been selected in conjunction with the recommendations of the IAU working group in Radio/Optical Identifications, and have been selected for compactness and intensity. Most of the objects are recommended as ultimate position calibrators.

Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (
2929- LT - "PARALLAXES OF ASTROPHYSICALLY INTERESTING OBJECTS PART ONE"
Keywords : PARALLAX, PLANETARY NEBULA, DWARF NOVA, PECULIAR STAR, CATACLYSMIC VARIABLE, T TAURI
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

Parallaxes of astrophysically interesting objects are propose objects are planetary nebulae, dwarf novae, peculiar stars, c variables, and T Tauri flare stars. Most of the objects propl study of stellar evolution where absolute fluxes are required can only be estimated because accurate distances are not avai is Feige 24, a hot white dwarf with x ray emission whose dist by various authors to be between 60 pc and 150 pc. A special observing sequence is required.

Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (
2930- LT - "PARALLAXES OF ASTROPHYSICALLY INTERESTING OBJECTS PART TWO"
Keywords : PARALLAX, PLANETARY NEBULA, DWARF NOVA, PECULIAR STAR, CATACLYSMIC VARIABLE, T TAURI
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

Parallaxes of astrophysically interesting objects are propose objects are planetary nebulae, dwarf novae, peculiar stars, c variables, and T Tauri flare stars. Most of the objects propl study of stellar evolution where absolute fluxes are required can only be estimated because accurate distances are not avai is Feige 24, a hot white dwarf with x ray emission whose dist by various authors to be between 60 pc and 150 pc. A special observing sequence is required.

Prop. Type: GTO/AST   Selection Cycle : 87A

STELLAR POPULATIONS -- (
2931- LT - "PART THREE "
Keywords : PARALLAX, PLANETARY NEBULA, DWARF NOVA, PECULIAR STAR, CATACLYSMIC VARIABLE, T TAURI
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

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Prop. Type: GTO/AST   Selection Cycle : 87A

STELLAR POPULATIONS -- (
2932- LT - "PARALLAXES OF ASTROPHYSICALLY INTERESTING OBJECTS PART FOUR"
Keywords : PARALLAX, PLANETARY NEBULA, DWARF NOVA, PECULIAR STAR, CATACLYSMIC VARIABLE, T TAURI
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

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Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (
2933- LT - "PARALLAXES OF ASTROPHYSICALLY INTERESTING OBJECTS PART FIVE"
Keywords : PARALLAX, PLANETARY NEBULA, DWARF NOVA, PECULIAR STAR, CATACLYSMIC VARIABLE, T TAURI
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

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Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (
2934- LT - "PARALLAXES OF ASTROPHYSICALLY INTERESTING OBJECTS PART SIX"
Keywords : PARALLAX, PLANETARY NEBULA, DWARF NOVA, PECULIAR STAR, CATACLYSMIC VARIABLE, T TAURI
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

Parallaxes of astrophysically interesting objects are propose objects are planetary nebulae, dwarf novae, peculiar stars, c variables, and T Tauri flare stars. Most of the objects propl study of stellar evolution where absolute fluxes are required can only be estimated because accurate distances are not avai is Feige 24, a hot white dwarf with x ray emission whose dist by various authors to be between 60 pc and 150 pc. A special observing sequence is required.

Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (
2935- LT - "UNSEEN AND PLANETARY COMPANIONS PART ONE "
Keywords : UNSEEN COMPANIONS, PLANETRAY COMPANIONS, BLACK DWARFS
Proposers: William H. Jefferys (PI; University Of Texas At Austin), G.Benedict (University Of Texas), R.Duncombe (University Of Texas), O.Franz (Lowell Observatory), L.Fredrick (University Of Virginia), P.Hemenway (University Of Texas), P.Shelus (University Of Texas)

With observations using the Hubble Space Telescope (HST) we intend to initiate a systematic search for variable proper motion objects in an attempt to discover very low mass objects in orbit around red dwarfs. Using well established astrometric methods we will secure accurate relative positional measurements for selected objects over very long intervals of time looking for systematic perturbations to rectilinear motion. Within the Astrometric Data Reduction System (SDAS), such perturbations will be extracted and reduced further to provide the relevant mass and orbital parameters of the composents. The HST is an instrument, the engineering specifications of which, open up the opportunity to extend this astrometric discipline far beyond the present bounds of ground-based and other observations.

Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (
2936- LT - "UNSEEN AND PLANETARY COMPANIONS PART TWO "
Keywords : UNSEEN COMPANIONS, PLANETRAY COMPANIONS, BLACK DWARFS
Proposers: William H. Jefferys (PI; University Of Texas At Austin), G.Benedict (University Of Texas), R.Duncombe (University Of Texas), O.Franz (Lowell Observatory), L.Fredrick (University Of Virginia), P.Hemenway (University Of Texas), P.Shelus (University Of Texas)

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Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (
2937- LT - "UNSEEN AND PLANETARY COMPANIONS PART THREE "
Keywords : UNSEEN COMPANIONS, PLANETRAY COMPANIONS, BLACK DWARFS
Proposers: William H. Jefferys (PI; University Of Texas At Austin), G.Benedict (University Of Texas), R.Duncombe (University Of Texas), O.Franz (Lowell Observatory), L.Fredrick (University Of Virginia), P.Hemenway (University Of Texas), P.Shelus (University Of Texas)

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Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (
2938- LT - "UNSEEN AND PLANETARY COMPANIONS PART FOUR "
Keywords : UNSEEN COMPANIONS, PLANETRAY COMPANIONS, BLACK DWARFS
Proposers: William H. Jefferys (PI; University Of Texas At Austin), G.Benedict (University Of Texas), R.Duncombe (University Of Texas), O.Franz (Lowell Observatory), L.Fredrick (University Of Virginia), P.Hemenway (University Of Texas), P.Shelus (University Of Texas)

With observations using the Hubble Space Telescope (HST) we intend to initiate a systematic search for variable proper motion objects in an attempt to discover very low mass objects in orbit around red dwarfs. Using well established astrometric methods we will secure accurate relative positional measurements for selected objects over very long intervals of time looking for systematic perturbations to rectilinear motion. Within the Astrometric Data Reduction System (SDAS), such perturbations will be extracted and reduced further to provide the relevant mass and orbital parameters of the composents. The HST is an instrument, the engineering specifications of which, open up the opportunity to extend this astrometric discipline far beyond the present bounds of ground-based and other observations.

Prop. Type: GTO/AST Selection Cycle : 87A

SOLAR SYSTEM -- (

2939- LT - "HIGH SPEED ASTROMETRY - A SEARCH FOR PLANETARY COMPANIONS TO LOW-MASS STARS PART ONE"

Keywords : FINE GUIDANCE SENSORS, FGS, STELLAR COMPANIONS, EXTRASOLAR PLANETS

Proposers: William H. Jefferys (PI; University Of Texas), G.Benedict (University Of Texas), R.Duncombe (University Of Texas), O.Franz (Lowell Observatory), L.Fredrick (University Of Virginia), P.Hemenway (University Of Texas), P.Shelus (University Of Texas)

We propose to test the hypothesis that jupiter-like planets are formed at distances from the primary dictated by the 'freezing' temperature of the volatiles which comprise jovian planets. Predicted periods for jovian planets orbiting this sample of very late-type, low-mass stars range from 70 to 160 days. We shall monitor the positions of these nearby late-M stars with a time-resolution of 4 to 10 days in an attempt to detect positional perturbations caused by possible jovian companions. Detection limits for these proposed targets lie between 0.4 and one Jupiter mass.

Prop. Type: GTO/AST Selection Cycle : 87A

SOLAR SYSTEM -- (

2941- LT - "HIGH SPEED ASTROMETRY - A SEARCH FOR PLANETARY COMPANIONS TO LOW-MASS STARS PART THREE"

Keywords : FINE GUIDANCE SENSORS, FGS, STELLAR COMPANIONS, EXTRASOLAR PLANETS

Proposers: William H. Jefferys (PI; University Of Texas), G.Benedict (University Of Texas), R.Duncombe (University Of Texas), O.Franz (Lowell Observatory), L.Fredrick (University Of Virginia), P.Hemenway (University Of Texas), P.Shelus (University Of Texas)

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Prop. Type: GTO/AST Selection Cycle : 87A

SOLAR SYSTEM -- (
2942- LT - "HIGH SPEED ASTROMETRY - A SEARCH FOR PLANETARY COMPANIONS TO LOW-MASS STARS PART FOUR"
Keywords : FINE GUIDANCE SENSORS, FGS, STELLAR COMPANIONS, EXTRASOLAR PLANETS
Proposers: William H. Jefferys (PI; University Of Texas), G.Benedict (University Of Texas), R.Duncombe (University Of Texas), O.Franz (Lowell Observatory), L.Fredrick (University Of Virginia), P.Hemenway (University Of Texas), P.Shelus (University Of Texas)

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Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (
2943- LT - "INTERNAL VELOCITY DISTRIBUTION IN GLOBULAR CLUSTERS PART ONE"
Keywords : GLOBULAR CLUSTERS, PROPER MOTIONS, INTERNAL VELOCITIES
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

The goal of this project is to study the internal velocity di globular clusters with a range of characteristics. We expect virial mass for each cluster and a kinematic distance (statis where radial velocity observations exist. The radial and azim of the velocity distribution will be analyzed to determine th anisotropy in the velocities as a function of distance from t for three of the clusters. In addition, the degree to which e energy exists among the various mass groupings will be studie giants down to one-half solar mass in three of the clusters. The observations are designed to yield an accuracy of +/- 1 k derived cluster velocity dispersion at each location in the c nearer clusters and +/- 2 km/sec for the more distant cluster

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Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (
2944- LT - "INTERNAL VELOCITY DISTRIBUTION IN GLOBULAR CLUSTERS PART TWO"
Keywords : GLOBULAR CLUSTERS, PROPER MOTIONS, INTERNAL VELOCITIES
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

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Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (
2945- LT - "INTERNAL VELOCITY DISTRIBUTION IN GLOBULAR CLUSTERS PART THREE"
Keywords : GLOBULAR CLUSTERS, PROPER MOTIONS, INTERNAL VELOCITIES
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

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Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (
2946- LT - "INTERNAL VELOCITY DISTRIBUTION IN GLOBULAR CLUSTERS PART FOUR"
Keywords : GLOBULAR CLUSTERS, PROPER MOTIONS, INTERNAL VELOCITIES
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

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Prop. Type: GTO/AST Selection Cycle : 87A

STELLAR POPULATIONS -- (
2947- LT - "INTERNAL VELOCITY DISTRIBUTION IN GLOBULAR CLUSTERS PART FIVE"
Keywords : GLOBULAR CLUSTERS, PROPER MOTIONS, INTERNAL VELOCITIES
Proposers: William H. Jefferys (PI; Texas, University Of), G.Benedict (Texas, University Of), R.Duncombe (Texas, University Of), O.Franz (Lowell Observatory), L.Fredrick (Virginia, University Of), P.Hemenway (Texas, University Of), P.Shelus (Texas, University Of)

The goal of this project is to study the internal velocity di globular clusters with a range of characteristics. We expect virial mass for each cluster and a kinematic distance (statis where radial velocity observations exist. The radial and azim of the velocity distribution will be analyzed to determine th anisotropy in the velocities as a function of distance from t for three of the clusters. In addition, the degree to which e energy exists among the various mass groupings will be studie giants down to one-half solar mass in three of the clusters. The observations are designed to yield an accuracy of +/- 1 k derived cluster velocity dispersion at each location in the c nearer clusters and +/- 2 km/sec for the more distant cluster

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Prop. Type: GTO/HSP   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (

2952 - "X-RAY BINARIES "

Keywords : X-RAY BINARIES: NEUTRON STARS: BLACK HOLES

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The extreme conditions existing in the near vicinity of neutron stars which are the secondaries in close binaries provide a laboratory in which we may observationally confirm or refine many of our basic theories of astrophysics. This program will monitor the photometric and polarimetric light curves of X-ray binaries at several different phases of the binary orbit in several different wavelength bands in the UV. The results will be related to the structure of, and physical conditions existing in, the gas streams (and possibly, the accretion disk) in these systems. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote local; Small syntax errs corrected - SALM 9/12/89 Gyros and other changes - Dolan 9/29/89

Prop. Type: GTO/HSP   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (

2953 - "REMNANT STARS IN SUPERNOVA REMNANTS "

Keywords : SUPERNOVA REMNANTS; NEUTRON STARS

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The low frequency of occurrence of identified neutron stars located in supernova remnants (SNR's) is an unexplained embarassment to our generally accepted theories of stellar evolution and neutron star formation. We propose to search recent SNR's for any remnant star associated with them, and to study the photometric variability of known examples of neutron stars which are remnants of supernovae. The results will place important constraints on the mechanisms by which neutron stars originate. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote local; fixed small syntax err - SALM 9/12/89 Various small changes - Dolan 9/27/89

Prop. Type: GTO/FOC Selection Cycle : 87A

QUASARS _AGN -- (

2956 - "STUDY OF OPTICAL EMISSION ASSOCIATED WITH RADIO JETS AND HOT SPOTS "

Keywords : AGN, RADIOEMISSION, JETS

Proposers: F. Duccio Macchetto (PI; Esa, Space Telescope Science Institute), P.Crane (European Southern Observatory; Germany, West), G.Miley (Space Telescope Science Institute)

ST is uniquely equipped to detect optical emission from synchroton jets and to study the interaction of jets with their environment. Here we outline a program of broad and narrow band imaging and limited slit spectroscopy on carefully selected samples of objects designed to exploit ST for these purposes. The aims are to study the following: -morphological relations between radio and optical emission. -optical and UV counterparts of radio jets and hot spots to derive information on particle acceleration mechanisms. -interactions between synchroton jets and in the ambient gas, to use each as a unique probe of the physical conditions within the other. -possible relationship between the propagation of radio jets and star formation.

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (

2958 - "X-RAY BINARIES PART 2 "

Keywords : X-RAY BINARIES: NEUTRON STARS: BLACK HOLES

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The extreme conditions existing in the near vicinity of neutron stars which are the secondaries in close binaries provide a laboratory in which we may observationally confirm or refine many of our basic theories of astrophysics. This program will monitor the photometric and polarimetric light curves of X-ray binaries at several different phases of the binary orbit in several different wavelength bands in the UV. The results will be related to the structure of, and physical conditions existing in, the gas streams (and possibly, the accretion disk) in these systems. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote local; Small syntax errs corrected - SALM 9/12/89 Gyros and other changes - Dolan 9/29/89; Move GX339-4 to cycle2, reduce repeats to 4 every 0.93D, coarse track - SALM 2/15/90; Condense POL observations - SALM 2/22/90; Move GX339-4 _A0538-66 to cycle2 - SALM 3/20/90

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (

2959 - "X-RAY BINARIES PART 3 "

Keywords : X-RAY BINARIES: NEUTRON STARS: BLACK HOLES

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The extreme conditions existing in the near vicinity of neutron stars which are the secondaries in close binaries provide a laboratory in which we may observationally confirm or refine many of our basic theories of astrophysics. This program will monitor the photometric and polarimetric light curves of X-ray binaries at several different phases of the binary orbit in several different wavelength bands in the UV. The results will be related to the structure of, and physical conditions existing in, the gas streams (and possibly, the accretion disk) in these systems. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote local; Small syntax errs corrected - SALM 9/12/89 Gyros and other changes - Dolan 9/29/89; Move GX339-4 to cycle2, reduce repeats to 4 every 0.93D, coarse track - SALM 2/15/90; Condense POL observations - SALM 2/22/90; Move GX339-4 _A0538-66 to cycle2 - SALM 3/20/90

Prop. Type: GTO/HSP Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (

2960 - "X-RAY BINARIES PART 4 "

Keywords : X-RAY BINARIES: NEUTRON STARS: BLACK HOLES

Proposers: Robert C. Bless (PI; Wisconsin, University Of), J.Dolan (Nasa, Goddard Space Flight Center), J.Elliot (Massachusetts Institute Of Technology), E.Robinson (Texas, University Of), G.Van Citters (National Science Foundation), R.White (Space Telescope Science Institute)

The extreme conditions existing in the near vicinity of neutron stars which are the secondaries in close binaries provide a laboratory in which we may observationally confirm or refine many of our basic theories of astrophysics. This program will monitor the photometric and polarimetric light curves of X-ray binaries at several different phases of the binary orbit in several different wavelength bands in the UV. The results will be related to the structure of, and physical conditions existing in, the gas streams (and possibly, the accretion disk) in these systems. Revision History: Received on RPS 9/1/89; Added to SCCS 9/5/89 RPSS V7.2 remote local; Small syntax errs corrected - SALM 9/12/89 Gyros and other changes - Dolan 9/29/89; Move GX339-4 to cycle2, reduce repeats to 4 every 0.93D, coarse track - SALM 2/15/90; Condense POL observations - SALM 2/22/90; Move GX339-4 _A0538-66 to cycle2 - SALM 3/20/90

3.2 GO PROGRAMS

ABSTRACT CATALOG FOR ACCEPTED GO PROPOSALS FOR SEMESTER "87A"

KEY :

SEMESTER "87A" is the selection cycle following TAC review
in April 1989 (reasons are historical)

KP = Key Project
LP = Large Project
LT = Long Term Program
CT = Continuation Program
GO/DD = GO at Director's Discretion
GO/AM = Amateur Program

Prop. Type: GO   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY BINARIES) --

2004 - "OBSERVATION OF CYCLOTRON LINES IN THE ULTRAVIOLET SPECTRUM OF THE X-RAY SOURCE 4U0115+63"

Keywords : CYCLOTRON LINES, X-RAY SOURCE

Proposers: Krishna M. V. Apparao (PI; Tata Institute Of Fundamental Research; India), S.Chitre (Tata Institute Of Fundamental Research; India), S.Tarafdar (Tata Institute Of Fundamental Research; India)

X-ray lines have been observed in the x-ray spectrum of the source 4U0115+63. The source has been identified as a 14 magnitude Be star. The X-ray lines have been identified as electron fundamental cyclotron line and its first harmonic. Apparoa and Chitre calculated the intensity of the proton and the helium cyclotron lines from this source. The helium cyclotron lines occur in the Ultraviolet and it is proposed that these be observed.

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Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (STELLAR ATMOSPHERES) --

2009 - "MASS LOSS IN LUMINOUS GLOBULAR CLUSTER STARS "

Keywords : STARS, POPULATION II, GIANTS, MASS LOSS

Proposers: Erika Bohm-Vitense (PI; Washington, University Of)

We want to study the mass loss for stars at the tip of the red giant branch in globular clusters. It is well known that red giant stars in globular clusters need to lose mass in order to become blue horizontal branch stars. While we do not yet understand the mass loss mechnism we suspect that it takes place at the tip of the red giant branch where the gravitational binding of the atmospheric layers becomes small. Gratton,Pilachowski and Sneden (1984)find a correlation between H-alpha emission being observed for luminous stars on the red giant branch in globular clusters and the existence of a blue horizontal branch. We therefore suspect that mass loss and H-alpha emission are correlated. We want to check this by observing the Mg II line profiles at 2800 A in order to see whether "blue" shifted absorption components can be seen which are indicative of a strong mass loss and whether this mass loss, if present, is correlated with H-alpha emission and with the existence of a blue horizontal branch.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (NEUTRON STARS) --

2014 - "ULTRAVIOLET AND OPTICAL RADIATION FROM NEAREST RADIO PULSARS "

Keywords : NEUTRON STAR, PULSAR, SURFACE, PHOTOMETRY, UV, OPTICAL, LUMINOSITY, TEMPERATURE

Proposers: George G. Pavlov (PI; Ioffe Physico-Technical Institute, Pulkovo Observatory; Ussr), Y.Gnedin (Pulkovo Observatory; Ussr)

EVEN OLD NEUTRON STARS WITHIN A FEW HUNDRED PARSECS MAY GIVE DETECTABLE UV AND OPTICAL FLUX EITHER VIA THERMAL RADIATION OR RADIATION FROM RELATIVISTIC PARTICLES IN RADIO PULSARS. WE PROPOSE TO MAKE PHOTOMETRIC OBSERVATIONS OF THE NEAREST THREE PULSARS PSR 1929+10, PSR 0950+08 AND PSR 1133+16 WHICH LIE AT DISTANCES OF 80,90 AND 150 PARSECS RESPECTIVELY. THE RESULTS WILL BE USED TO EVALUATE THE BLACKBODY TEMPERATURES OF NEUTRON STARS OR OBTAIN ADDITIONAL CONSTRAINTS ON RADIO PULSAR MODELS.

Prop. Type: GO Selection Cycle : 87A

GALAXIES _CLUSTERS -- (PECULIAR/INTERACTING) --

2067 - "HIGH RESOLUTION MORPHOLOGY OF 4 GALAXIES WITH ANOMALOUS REDSHIFTS "

Keywords : PECULIAR GALAXY, DISTANCES OF GALAXIES, PHOTOMETRY, SPIRAL STRUCTURE, MORPHOLOGY, REDSHIFTS

Proposers: Jack W. Sulentic (PI; Alabama, University Of), H.Arp (Mt Wilson _Las Campanas Observatories)

We propose to obtain high resolution images of galaxies involved in four of the best studied discordant redshift associations. Even short exposures in one color with the PC will give critical information on the nature of these systems. The data could be decisive in establishing whether the discordant galaxies are projected back-ground objects or are at a distance much closer than their redshifts would imply. The observations will 1) clarify the uncertain morphology of the discordant galaxy components and 2) allow a direct comparison of resolved detail (eg. HII regions, spiral arm width) for objects with different redshift, within each discordant pair or group. Large ground based telescopes have already established 1) that the discordant redshift components in galaxy systems are morphologically peculiar and 2) that direct signs of physical interaction exist between members of different redshift within the groups. Statistical studies also suggest that too many such discordant redshift groups are found. With a very small allotment of HST time, we have the opportunity to explore the nature of these objects which are critically important tests of one of the fundamental assumptions in astronomy.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

2076 - "HIGH IONIZATION SEYFERT GALAXIES "

Keywords : ACTIVE GALACTIC NUCLEUS: AGN, SEYFERT GALAXY, EMISSION LINE GALAXY

Proposers: Donald E. Osterbrock (PI; California, University Of, Santa Cruz), E.Capriotti (Ohio State University), G.Ferland (Ohio State University), H.Ford (Stsci), J.Miller (California, University Of, Santa Cruz), C.Wu (Computer Sciences Corporation)

Good signal-to-noise ratio spectra will be obtained in the ultraviolet spectral region (and optical) of three especially selected high-ionization Seyfert galaxies. Analysis and interpretation of the fluxes measured in the individual emission lines, down to a faint level, will provide new information on temperature densities, abundances, geometry, and especially the ionization mechanism and its strength in these active galactic nuclei.

Prop. Type: GO   Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

2077 - "SPECTROPOLARIMETRY OF TYPE 2 SEYFERTS "

Keywords :

Proposers: Robert Antonucci (PI; Univ. Of Calif., Santa Barbara), J.Miller (California, University Of, Santa Cruz)

We have discovered that the POLARIZED FLUX (scattered light) spectra of NGC1068 and other Seyfert 2 nuclei look like the FLUX spectra of Seyfert 1 nuclei. This implies that these objects would appear as Seyfert 1's if viewed from another direction, so the distinction between the two classes could be a largely an orientation effect. (The polarization position angles of Seyfert 2's are always perpendicular to the radio source axes. This scattering geometry indicates that the Seyfert 2's would appear as Seyfert 1's if viewed along the radio jet axis.) We need to find out whether or not the polarized flux spectra of Seyfert 2's are really INDISTINGUISHABLE from the flux spectra of Seyfert 1's by looking for the high excitation lines, the Fe II, and the continuum shape in the UV. We also need to measure the wavelength-dependence of continuum polarization in the UV to determine the nature of the scatterers.

Prop. Type: GO   Selection Cycle : 87A

GALAXIES _CLUSTERS -- (GAS _DUST) --

2078 - "A SEARCH FOR PRIMORDIAL GAS; IS IZW18 A YOUNG GALAXY ? "

Keywords : DWARF GALAXY, ABUNDANCE, UV SPECTROSCOPY.

Proposers: James Lequeux (PI; Meudon Observatory; France), D.Kunth (Institute For Astrophysics, Paris; France), W.Sargent (Caltech), F.Viallefond (Paris Observatory; France)

Amongst blue compact galaxies, IZw 18 has the lowest heavy-element abundances in its HII regions and is by far the best candidate for a young galaxy experiencing its first star formation. If this is the case, its HII-region heavy elements may have been produced by the present burst of star formation and the surrounding neutral gas may be primeval, without heavy elements. We aim at checking this possibility by obtaining upper limits or measuring the abundance of neutral oxygen in this gas using the strong OI line at 1302A in absorption in front of the star cluster that ionizes the HII region.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (QUASAR EMISSION) --

2123 - "POLARIZATION AND BROAD ABSORPTION LINES IN QUASARS "

Keywords : QUASAR

Proposers: Robert Antonucci (PI; Stsci), A.Kinney (Stsci), J.Ulvestad (Jet Propulsion Laboratory)

OI 287 is a unique extragalactic source. It appears to take one property from each class of object. It is either some kind of missing link, or a new type of activity. Because of the high optical polarization, OI 287 has been classified with the blazars. However, every other blazar is variable in optical flux, polarization, and polarization angle., while OI 287 is constant at V=17, P=8%, and theta=145 degrees. Also, every other blazar has a radio source dominated by an intense flat-spectrum core, while OI 287 has an upper limit of 2% of the total 20cm flux in the core. The only group of quasars which ever shows even moderate (2-5%) constant optical polarization is the broad absorption line (BAL) objects, e.g. PHL 5200 and H1413+113. Among the BAL quasars, PHL 5200 and H1413+113 have exceptionally smooth deep, attached absorption lines, and also the highest polarization. We want to know whether OI 287 is a BAL quasar. It would be the first definite radio loud example. If it is a BAL quasar then the high polarization is really related to (and perhaps the key to) the BAL phenomenon, and we can use the techniques of spectropolarimetry to help unlock the BAL geometry. The UV spectral shape would also provide help determining the cause of polarization.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (RADIO GALAXIES) --

2177 - "THE EXTENDED FEATURELESS CONTINUUM SOURCE IN CYGNUS A "

Keywords : RADIO GALAXY

Proposers: Robert Antonucci (PI; Stsci), A.Kinney (Stsci)

Cygnus A is by far the nearest luminous Classical Double radio galaxy.The nuclear spectrum shows the canonical mix of light from old stars, a strong featureless continuum (FC), and a very strong, high ionization emission line spectrum. Several observers have recently come to the astonishing conclusion that the featureless continuum is spatially resolved.(There is no reason to think Cygnus A is unusual in this respect: if other luminous Classical Doubles had the same size optical source, their angular sizes would be too small to resolve from the ground).Furthermore, the obvious explanations of scattered light from a point source, and of optical synchrotron radiation, are strongly disfavored by optical polarization mapping. The only idea seriously considered in the literature for such an extended, unpolarized continuum is the Warmer theory, which unequivocally predicts Fv=v1 in the UV. We want to know whether the spectrum is Fv=v-1 as for quasars, or whether it rises rapidly with frequency as for Warmers. Also, if the 1550A continuum is dominated by normal O stars as in the starburst and some Warmer models we can diagnose it unequivocally via the CIV wind absorption. We cannot reliably determine the spectrum of the featureless continuum from the ground because of contamination by the light of old stars.We would also like to take a WFC picure in the UV, to understand the morphology of the featureless continuum source without confusion with the old stars.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS) --

2215 - "DETERMINATION OF THE MASS DENSITIES OF PLUTO AND CHARON "

Keywords : PLUTO, CHARON, IMAGING, OPTICAL, MASS, DENSITY

Proposers: George W. Null (PI; Jet Propulsion Laboratory), D.Pascu (Us Naval Observatory), S.Synnott (Jet Propulsion Laboratory), E.Tedesco (Jet Propulsion Laboratory)

WE PROPOSE TO ACQUIRE SIX WF CCD OBSERVATIONS OF PLUTO AND CHARON AND A SINGLE NEARBY STAR FOR THE PURPOSE OF MEASURING THE STAR-RELATIVE PLUTO "WOBBLE" INDUCED BY CHARON'S MASS. THIS WILL DETERMINE THE CHARON/PLUTO MASS RATIO TO ABOUT 6-8% AND, WHEN COMBINED WITH A MASS-SUM SOLUTION FROM KEPLER'S 3RD LAW, WILL DETERMINE THE DENSITIES OF PLUTO AND CHARON TO ABOUT 4% AND 8-10%, RESPECTIVELY. THESE DENSITIES ARE PRESENTLY POORLY KNOWN, IMPROVED VALUES WILL PROVIDE CRUCIAL BOUNDARY CONDITIONS FOR MODELS OF PLUTO AND CHARON'S INTERIOR COMPOSITION, ATMOSPHERIC DYNAMICS, AND EVOLUTIONARY HISTORY. THE MASS SOLUTIONS REQUIRE ACCURATE ASTROMETRIC MEASUREMENTS OF THE SEPARATE IMAGES OF PLUTO AND CHARON, WHICH CAN ONLY BE OBTAINED WITH HST'S ANGULAR RESOLUTION AND FREEDOM FROM ATMOSPHERIC DISTORTION.

Prop. Type: GO Selection Cycle : 87A

GALAXIES _CLUSTERS -- (DISTANCE SCALE) --

2227-KP - "DETERMINATION OF THE EXTRAGALACTIC DISTANCE SCALE "

Keywords : DISTANCE SCALE, HUBBLE CONSTANT, SPIRAL GALAXY, STELLAR POPULATION, COSMOLOGY, CEPHEID, SUPERGIANT, STAR CLUSTER

Proposers: Jeremy Mould (PI; Caltech), S.Faber (California, University Of, Santa Cruz), H.Ford (Stsci), W.Freedman (Mt Wilson _Las Campanas Observatories), J.Graham (Department Of Terrestrial Magnetism, Ciw), J.Gunn (Princeton University), J.Hoessel (Wisconsin, University Of), J.Huchra (Cfa), G.Illingworth (California, University Of, Santa Cruz), R.Kennicutt Jr. (Arizona, University Of), B.Madore (Caltech), P.Stetson (Dominion Astrophysical Observatory; Canada)

Many fundamental problems in cosmology and astrophysics remain undetermined because the value of the expansion rate is uncertain to a factor of two. HST will provide the opportunity to break this impasse. We propose a program which in combination with other GTO and GO work should lead to a measurement of Ho to 10 % accuracy. Our main goal is the observation of Cepheids in two dozen fields in nearby galaxies, for the primary purpose of calibrating the infrared Tully-Fisher relation. The accumulated data will also allow investigation of other secondary distance indicators, including the brightest resolved stars, supernovae, and calibration of the Faber Jackson relation. Measurement of Cepheids in the Virgo and Fornax clusters will also be attempted. A necessary associated goal of our proposal is strengthening the calibration of the Cepheid PL relation itself, largely via resolved study of star clusters in the LMC, M31, and M33.

Prop. Type: GO Selection Cycle : 87A

GALAXIES CLUSTERS -- (DISTANCE SCALE) --

2230 - "DISTANCE TO THE SEYFERT GALAXY NGC 4151 DETERMINED BY PARALLEL OBSERVATIONS WITH THE WFC"

Keywords : SEYFERT GALAXY, DISTANCE DETERMINATION, GLOBULAR CLUSTERS

Proposers: Aina Elvius (PI; Stockholm Observatory; Sweden), A.Altamore (Instituto Astronomico Dell'Universita, Rome; Italy), A.Boksenberg (Royal Greenwich Observatory, Hailsham; Uk), G.Bromage (Rutherford And Appleton Laboratory, Chilton; Uk), J.Clavel (Esa Iue Observatory, Madrid; Spain), R.Fosbury (St-Ecf; Frg), M.Penston (Royal Greenwich Observatory, Cambridge; Uk), G.Perola (Instituto Astronomico Dell'Universita, Rome; Italy), M.Snijders (Astronomisches Institut Tuebingen; Frg), M.Ulrich (European Southern Observatory; Frg)

The nearest Seyfert 1 galaxy NGC 4151 has a rapidly variable nucleus with interesting features. It has been studied extensively by the proposers with IUE and ground-based telescopes. Parameters which we want to derive from the observations, like the dimensions of an accretion disk around a possible black hole and the amount of energy emitted from the active nucleus, depend on the distance to NGC 4151. Therefore it is essential to determine the distance as accurately as possible. Distance estimates based on the redshift (presently 10 to 20 Mpc) are not good enough because of a possible peculiar motion of the same order as the Hubble flow. We propose to use the WFC for exposures of the outer spiral structure and surroundings of NGC 4151 in parallel with observations of the nucleus with another instrument. We intend to search the fields for distance indicators such as globular clusters, HII regions, supergiant stars and Cephied variables and to determine their magnitudes and approximate colours. The distance indicators are too faint to be observed from the ground but should be comfortably measured with the HST.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (COMET) --

2231 - "HETEROGENEITY OF DUST AND GAS EMISSIONS ON A COMETARY NUCLEUS "

Keywords : COMET

Proposers: Philippe L. Lamy (PI; Laboratory For Space Astronomy, Marseille; France), E.Grun (Mpi For Atomic Physics; Frg), U.Keller (Mpi For Aeronomy; Frg), Z.Sekanina (Jet Propulsion Laboratory), R.West (European Southern Observatory; Frg)

We propose to observe with the planetary camera (PC) of HST the short-period comet P/Faye at its closest approach to the Earth (0.6 AU). The high spatial resolution (40 km) over a large field will allow to image the dust and gas jets "down to the nucleus" and to follow their temporal evolution over a period of approximately 10 days. Combined with ground-based observations as a model of the dust/gas expansion, it will be possible to map the discrete sources of emission on the nucleus and study its rotational properties. HST will extend the present insight we have of comet Halley to another comet, an important step in the current exploration and understanding of primitive bodies in the solar system.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (MASSIVE STARS) --

2233 - "THE PHYSICS OF MASSIVE O-STARS IN DIFFERENT PARENT GALAXIES. THE MAGELLANIC CLOUDS."

Keywords : EXTRAGALACTIC STAR, ATMOSPHERE, ABUNDANCE, MASS-LOSS, EVOLUTION, NUCELOSYNTHESIS, UV, SPECTROSCOPY, STELLAR PARAMETERS

Proposers: Rolf-Peter Kudritzki (PI; Munich University; Frg), D.Baade (European Southern Observatory; Frg), B.Bohannan (Colorado, University Of), K.Butler (Munich University; Frg), P.Conti (Colorado, University Of), C.Garmany (Colorado, University Of), H.Groth (Munich University; Frg), S.Heap (Nasa, Goddard), D.Hummer (Colorado, University Of), D.Husfeld (Munich University; Frg), A.Pauldrach (Munich University; Frg), J.Puls (Munich University; Frg), S.Voels (Munich University; Frg), N.Walborn (Stsci)

A detailed quantitative spectroscopic analysis of massive O-stars in the Magellanic Clouds is proposed. The objective is to determine precisely the intrinsic stellar parameters of luminosity, effective temperature, gravity, mass, chemical composition and the stellar wind parameters of mass-loss rate and velocity structure in these metal poor irregular galaxies. These parameters will be obtained from detailed NLTE model atmosphere analyses of HST UV-spectra (HRS, in low resolution mode) and ground-based optical high resolution, high S/N spectra already obtained using the ESO 3.6 m telescope. the results in comparison with our present parallel work on galactic O-stars will give important observational constraints on the evolution of massive stars and the strength of stellar winds as a function of metallicity. This will be a crucial test of stellar and galactic evolutionary scenarios which are all depend on the rate of mass-loss during the different stellar evolutionary stages.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (NEUTRON STARS) --

2237 - "OBSERVATIONS OF THE ECLIPSING MILLISECOND PULSAR "

Keywords : PULSARS, PULSARS: BINARY, PULSARS: MILLISECOND BINARIES: LOW MASS X-RAY, NEUTRON STARS.

Proposers: Jay Bookbinder (PI; Cfa), C.Bailyn (Cfa), A.Fruchter (Department Of Terrestrial Magnetism, Carnegie Inst.), P.Judge (Colorado, University Of), J.Taylor (Princeton University)

FRUCHTER et al. (1988a) HAVE RECENTLY DISCOVERED a 1.6 MSEC PULSAR (PSR 1957+20) IN A 9.2 HOUR ECLIPSING BINARY SYSTEM. THE UNUSUAL BEHAVIOR OF THE DISPERSION MEASURE AS A FUNCTION OF ORBITAL PHASE, AND THE DISAPPEARANCE OF THE PULSAR SIGNAL FOR 50 MINUTES DURING EACH ORBIT, IMPLIES THAT THE ECLIPSES ARE DUE TO A PULSAR-INDUCED WIND FLOWING OFF OF THE COMPANION. THE OPTICAL COUNTERPART IS A 21ST MAGNITUDE OBJECT WHICH VARIES IN INTENSITY OVER THE BINARY PERIOD; ACCURATE GROUND-BASED OBSERVATIONS ARE PREVENTED BY THE PROXIMITY (0.7") OF A 20TH MAGNITUDE K DWARF. WE PROPOSE TO OBSERVE THE OPTICAL COUNTERPART IN A TWO-PART STUDY. FIRST, THE WF/PC WILL PROVIDE ACCURATE MULTICOLOR PHOTOMETRY, ENABLING US TO DETERMINE UNCONTAMINATED MAGNITUDES AND COLORS BOTH AT MAXIMUM (ANTI-ECLIPSE) AS WELL AS AT MINIMUM (ECLIPSE). SECOND, WE PROPOSE TO OBSERVE THE EXPECTED UV LINE EMISSION WITH FOS, ALLOWING FOR AN INTIAL DETERMINATION OF THE TEMPERATURE AND DENSITY STRUCTURE AND ABUNDANCES OF THE WIND THAT IS BEING ABLATED FROM THE COMPANION. STUDY OF THIS UNIQUE SYSTEM HOLDS ENORMOUS POTENTIAL FOR THE UNDERSTANDING OF THE RADIATION FIELD OF A MILLISECOND PULSAR AND THE EVOLUTION OF LMXRBs AND MSPs IN GENERAL. WE EXPECT THESE OBSERVATIONS TO PLACE VERY SIGNIFICANT CONTRAINTS ON MODELS OF THIS UNIQUE OBJECT.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (STELLAR ATMOSPHERES) --

2238 - "LYMAN-ALPHA OBSERVATIONS OF HIGH RADIAL VELOCITY STARS "

Keywords : STARS: CHROMOSPHERES; STARS: LYMAN-ALPHA EMISSION, STARS: FLUORESCENCE, ISM: DEUTERIUM ABUNDANCE.

Proposers: Jay Bookbinder (PI; Cfa), A.Brown (Colorado, University Of), P.Judge (Colorado, University Of), W.Landsman (St Systems Corporation), J.Linsky (Colorado, University Of), J.Neff (Nasa, Goddard)

H I LYMAN -ALPHA (LY-A) IS ONE OF THE MOST IMPORTANT LINES EMITTED BY PLASMA IN THE TEMPERATURE RANGE OF 7000 TO 10 TO THE FIFTH POWER K IN LATE-TYPE STARS. IT IS A MAJOR COMPONENT OF THE TOTAL RADIATIVE LOSS RATE, AND IT PLAYS A CRUCIAL ROLE IN DETERMINING THE ATMOSPHERIC STRUCTURE AND IN FLUORESCING OTHER UV LINES. YET IT IS ALSO THE LEAST STUDIED MAJOR LINE IN THE FAR UV, BECAUSE MOST OF THE LINE FLUX IS ABSORBED BY THE ISM ALONG THE LINE OF SIGHT AND BECAUSE IT IS STRONGLY COMTAMINATED BY THE GEOCORONAL BACKGROUND. A KNOWLEDGE OF THE Ly-A PROFILE IS ALSO IMPORTANT FOR STUDIES OF DEUTERIUM IN THE INTERSTELLAR MEDIUM. BY OBSERVING HIGH RADIAL VELOCITY STARS WE WILL OBTAIN FOR THE FIRST TIME HIGH RESOLUTION SPECTRA OF THE CORE

OF A STELLAR H I LYMAN-A EMISSION LINE PROFILE.

Prop. Type: GO Selection Cycle : 87A

QUASARS AGN -- (GRAVITATIONAL LENSES) --

2242 - "LYMAN ALPHA IMAGING OF 2016+112 "

Keywords : ACTIVE NUCLEI, GRAVITATIONAL LENSING

Proposers: Charles R. Lawrence (PI; Caltech), M.Schmidt (Caltech), D.Schneider (Institute For Advanced Study, Princeton), E.Turner (Princeton University)

We propose to obtain a narrow band PC picture of the complex gravitational lens system 2016+112. The data will be taken through the F517N filter, which is centered on the strong Lyman alpha emission line in the $z = 3.273$ mutiply imaged active nucleus. This observation will provide: a precise measurement of the relative positions and brightnesses of the three known images of the active nucleus; evidence of any distortions in the emission line regions on scales of less than 1 kpc; locations of fainter images (most theoretical models predict a total of five images); and, possibly, the structure of the resolved emission line regions located near the active nucleus. These results, especially when combined with broad band GTO observations, will provide important constraints on models of this object. Although the active nucleus is a radio source, one of the lensing galaxies is considerably stronger, and prevents good radio measurements of the third image. Only in the strong, narrow Lyman alpha line does that image stand out from the galaxy, and only with the resolution of HST can we accurately measure its position and brightness.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (HH OBJECTS) --

2243 - "THE SHOCK WAVE STRUCTURE OF HERBIG-HARO OBJECTS "

Keywords : HERBIG-HARO OBJECTS

Proposers: Richard D. Schwartz (PI; Missouri, University Of, St Louis), K.Bohm (Washington, University Of), M.Cohen (California, University Of, Berkeley), M.Dopita (Mt Stromlo Siding Spring Observatories; Australia), L.Hartmann (Cfa), B.Jones (California, University Of, Santa Cruz), R.Mundt (Mpi For Astronomy; Frg), J.Raymond (Cfa)

Herbig-Haro (HH) nebulae are a class of objects produced by shock waves in supersonic jets (often bipolar) from young stellar objects. The shock wave structure can reveal much useful information concerning the physical conditions in the jets and the ambient medium. The detailed geometrical structure of the shocks is still unclear, especially for the semistellar knots found in many HHs. Some studies suggest that they may be radiative bow shocks, but seeing limitations of ground-based imaging have precluded a determination of the shock structure of the knots. We propose to obtain images of HH 1 and HH 2 with the PC over a wide range of excitation in order to allow a detailed shock wave analysis which incorporates information on the geometrical structure of the objects. The goal is to obtain information on the flow parameters in the shock wave and to incorporate theoretical shock wave modeling to interpret the flow. Such information is vital in order to develop a more complete under- standing of processes which occur in the early history of star formation.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (DUST) --

2245 - "ULTRAVIOLET INTERSTELLAR POLARIZATION "

Keywords : INTERSTELLAR DUST, POLARIZATION, ULTRAVIOLET EXTINCTION

Proposers: W. B. Somerville (PI; London, University College; Uk), D.Carnochan (London, University College; Uk), P.Martin (Toronto, University Of; Canada), D.Mcnally (London, University College; Uk), D.Morgan (Royal Observatory, Edinburgh; Uk), K.Nandy (Royal Observatory, Edinburgh; Uk), D.Whittet (Lancashire Polytechnic; Uk), R.Wilson (London, University College; Uk)

We propose to study interstellar polarization in the spectra of reddened early-type stars, throughout the ultraviolet range, an observation that has not previously been possible. This is an extension of work done in the optical and infrared and addresses three principal observational questions: (1) does the same empirical polarization curve (Serkowski's Law) extend into the uv?; (2) does the 2175 A absorption feature show polarization?; (3) in the far ultraviolet, does the polarization reflect the strong rise seen in the extinction curve? The results will provide vital new information about the composition and the size and shape distributions of the grains, and the nature of the carrier of the 2175 A feature. Targets are selected to have a variety of ultraviolet extinction and optical polarization properties, to enable us to examine whether the ultraviolet polarization is related to any of these.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY BINARIES) --

2248 - "ULTRAVIOLET SPECTROSCOPY OF LOW MASS X-RAY BINARIES "

Keywords : X-RAY STAR, NEUTRON STAR; BLACK HOLE; SPECTROSCOPY; UV

Proposers: Paul Barr (PI; Esa, Estec; Netherlands), M.Gottwald (Mpe Garching; Germany), I.Howarth (London, University College; Uk), M.Klis (Amsterdam University; Netherlands), A.Pollock (Esa, Estec; Netherlands), N.White (Esa, Estec; Netherlands)

We propose to use the HST FOS to study the UV spectra of five low-mass X-ray binaries (LMXRB). Our goals are to investigate the physical structure of their accretion disks and investigate the effects of X-ray heating in these systems. Studies of their UV spectra will lead to; -constraints on the accretion disk thickness and the effects of X-ray heating from comparison of the UV and X-ray luminosities, and from the studies of the UV spectral shape; -a probe of the sites of UV line emission. Possible locations for the emission line region are the accretion disk itself and the irradiated photosphere of the companion star. Only space-borne instrumentation can study the far UV spectra of these objects. Most LMXRB are too faint to have been observed with IUE. Only five have been studied with IUE and only Cen X-4 (in outburst) and Sco X-1 have yielded data of even moderate signal-to-noise ratio. It is highly desirable to extend this sample to include LMXRB of various types - bursters, dippers, accretion disk corona and 'normal' bulge sources - to search for systematic differences between them. The HST is uniquely suitable for obtaining moderate resolution UV spectra of these objects.

Prop. Type: GO   Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

2251- LT - "THE PROPERTIES OF SINGLE INTERSTELLAR CLOUDS "

Keywords : INTERSTELLAR CLOUDS

Proposers: L. M. Hobbs (PI; Chicago, University Of), D.Morton (Herzberg Institute Of Astrophysics; Canada), D.Welty (Chicago, University Of), D.York (Chicago, University Of)

WE PROPOSE TO USE THE ECHELLE GRATING OF THE HIGH RESOLUTION SPECTROGRAPH OVER A TWO-YEAR PERIOD TO OBSERVE THE PROFILES OF INTERSTELLAR ABSORPTION LINES. THE COLUMN DENSITES OF 18 NEUTRAL OR IONIZED FORMS OF THE ELEMENTS C,N,O,Mg,Si,P,S,Fe, AND Zn WILL BE MEASURED IN THE APPROXIMATELY 100 INDIVIDUAL INTERSTELLAR CLOUDS ALONG THE LIGHT PATHS TO 18 BRIGHT, BROAD-LINED STARS OF EARLY SPECTRAL TYPE WITHIN 1 KPC OF THE SUN. THE PRIMARY PURPOSE OF THE OBSERVATIONS IS TO DETERMINE MORE ACCURATELY THAN WAS HITHERTO POSSIBLE THE FUNDAMENTAL PHYSICAL PROPERTIES OF THE RESOLVED CLOUDS, INCLUDING LINEAR SIZE, TEMPERATURE, TOTAL DENSITY, FRACTIONAL IONIZATION AND THE RELATIVE ABUNDANCES OF THE 9 SELECTED ELEMENTS. IN THE ANALYSES OF THE VARIOUS CLOUDS, WE WILL ALSO USE OUR EXTENSIVE LIBRARIES OF EXISTING INTERSTELLAR LINE PROFILES FOR THESE STARS, INCLUDING BOTH COPERNICUS DATA FOR IMPORTANT ULTRAVIOLET LINES AT LAMBDA 1100 A, WHICH ARE NOT READILY ACCESSIBLE TO THE HRS, AND INTERFEROMETRIC GROUND-BASED DATA FOR OPTICAL LINES, WHICH WERE RECORDED AT STILL HIGHER SPECTRAL RESOLVING POWER. THE MEASUREMENTS WILL BE EXTENDED ADDITIONALLY TO THREE FAINTER, HIGH LATITUDE STARS IN THE LOWER GALACTIC HALO, AT DISTANCES 0.9 $<$ /Z/ $<$ 2.6 KPC FROM THE PLANE.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

2257- LT - "PHYSICAL CONDITIONS IN THE GASEOUS GALACTIC HALO "

Keywords : GAS, UV, INTERSTELLAR, HALO

Proposers: Blair D. Savage (PI; Wisconsin, Universiy Of), J.Cardelli (University Of Wisconsin-Madison), R.Edgar (University Of Wisconsin-Madison)

We will obtain high and intermediate resolution HRS observations of interstellar absorption produced by N V, C IV, Si IV, Al III and Mn II toward 7 halo stars. The target stars have been carefully selected from the existing IUE data base of high resolution spectra of distant B stars in the galactic halo. The data will be used to study the line broadening of N V, C IV and Si IV to determine if there is evidence that these lines are formed in collisionally ionized gas at temperatures in the range log T = 4.8 to 5.3 or formed in photoionized gas near log T = 4. In addition, we will study the general prevalence of interstellar N V absorption, the distribution of the various species away from the galactic plane and the velocity correspondance between the lines of high, intermediate and low ionization. Our overall goal is to obtain new information about the physical conditions of the gas in the galactic halo. With this information we hope to better understannd the origin of galactic halo gas. The HRS is required for these observations because of its superior resolution and signal to noise characteristics over the spectrographs of the IUE satellite.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (PULSATING STARS) --

2258 - "SHOCK INDUCED MASS LOSS IN THE POPULATION II CEPHEID ST PUPPIS "

Keywords : CEPHEIDS, MASS-LOSS, SHOCK WAVES

Proposers: George Wallerstein (PI; Washington, University Of), E.Bohm-Vitense (Washington, University Of), G.Bowen (Iowa State University), L.Willson (Iowa State University)

To study the mass loss by the population II Cepheid St Pup, which is also an IRAS source, we propose to observe the density sensitive pair of emission lines, 1892 of Si III and 1909 of C III and the group of lines around 1500; He II, Si IV, CIV and OV whose relative intensities are sensitive to the degree of ionization which depends on the flow velocity of the shocked gas. These data will allow us to compute the density, temperature, and shock velocity in the outer atmosphere of the star. If the gas velocity behind the shock equals the escape velocity, mass-loss is occurring on every cycle.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (PLANETARY NEBULAE) --
2263 - "PARALLEL-MODE WF/PC IMAGING OF MAGGELANIC CLOUD PLANETARY NEBULAE "
Keywords : PLANETARY NEBULAE; IRREGULAR GALAXY, IMAGING
Proposers: Marc Azzopardi (PI; Marseille Observatory; France), B.Lasker (Stsci), J.Lequeux (Ecole Normale Superieure, Paris; France), N.Meyssonnier (Marseille Observatory; France)

Planetary nebulae (PN), as well as likely proto-PN, in the Magellanic Clouds (MC) will be imaged by the WFC/PC in Parallel-Mode pointings in order to obtain image diameters and surface brightness in the selected emission lines H-Beta, [OIII] 5007, H-Alpha, [NII] 6584, and the continuum. These data will support a considerably improved analysis of the physics of a sample of planetary nebula with well-known distances and a better comparison of galactic PN with their counterparts in the MC. As only parallel observations are requested, no additional spacecraft time is required for this program.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (EARLY EVOLUTION) --
2265-LP - "THE FORMATION AND EVOLUTION OF SOLAR NEBULAE SURROUNDING PRE-MAIN SEQUENCE STARS"
Keywords : CIRUMSTELLAR DISKS; MASS LOSS;PMS STARS, T TAU STARS
Proposers: Stephen Strom (PI; Massachusetts, University Of), S.Beckwith (Cornell University), R.Brown (Stsci), B.Campbell (New Mexico, University Of), L.Carrasco (Mexico, Autonomous University Of; Mexico), S.Edwards (Smith College), G.Grasdalen (Wyoming, University Of), L.Hartmann (Cfa), S.Persson (Mt Wilson _Las Campanas Observatories), F.Shu (California, University Of, Berkeley), M.Simon (Suny, Stony Brook), T.Simon (Hawaii, University Of), R.Stachnik (Nasa, Washington), J.Stauffer (Nasa, Ames), F.Vrba (Us Naval Observatory)

This proposal requests time to bring the power of HST to bear on the problems of solar nebular formation and evolution. We will use the PC to exploit HST's stable point spread function and tenfold increase in angular resolution to image the circumstellar environment of nearby pre-main sequence (PMS) stars in order to: determine the frequency with which disks form around single and multiple stars; PC observations behind the Baum spot are capable of detecting scattered light from dust embedded in circumstellar disks of 50 AU radius which contain as little as 10-7 Mo in distributed material, and imaging such disks at effective spatial resolutions -15 AU; characterize the size, surface brightness and morphology of circumstellar disks for a sample of PMS stars spanning the time soon after stellar birth, when disks become optically thin, perhaps following planet-building episodes; investigate the morphology of energetic winds driven by PMS stars by using [O I] monochromatic images to trace low density, ionized outflowing gas, in order to a) evaluate the degree of interaction between winds and circumstellar disks, b) derive more accurate estimates of PMS star mass loss rates, and c) thereby assess the effect of

PMS star winds on the evolution of disks and the planet-forming environment. These observations will provide a) the basis for determining whether planetary systems are common or rare, and b) astrophysical constraints on the timescale and environment for planet-building.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (LATE EVOLUTION) --

2266 - "POST ASYMPTOTIC GIANT BRANCH EVOLUTION IN THE MAGELLANIC CLOUDS. "

Keywords : STARS:HB STAR, INTERSTELLAR MEDIUM:PLANETARY NEBULA, GALAXY:MAGELLANIC CLOUDS, ASTROPHYSICS:EVOLUTION, STELLAR POPULATION, ABUNDANCE

Proposers: Michael A. Dopita (PI; Mt. Stromlo And Siding Spring Observatories; Australia), R.Bohlin (Space Telescope Science Institute), H.Ford (Space Telescope Science Institute), P.Harrington (University Of Maryland), S.Maran (Goddard Space Flight Center), S.Meatheringham (Goddard Space Flight Center), T.Stecher (Goddard Space Flight Center), L.Webster (University Of New South Wales; Australia), P.Wood (Mount Stromlo And Siding Spring Observatories; Australia)

Planetary Nebulae (PN) represent a critical stage of stellar evolution which is still poorly understood. We still lack reliable observational estimates of stellar luminosity, mass, effective temperature and age, which could be used to constrain evolutionary models, and determine key data such as mass-loss rates, He shell flash phases and the role of dredge-up. This proposal represents the first stage in a systematic and definitive study using HST observations, which will require approximately a further 150 hours for completion, of a large sample of nebulae at known distance in the Magellanic Clouds. The following observations allow us to derive all parameters needed for proper confrontation between theory and observation: * Direct PC imaging to detect central stars and to derive the physical dimensions, masses, ages, and spatial structure of the nebulae. * FOS spectrophotometry of the central stars and nebulae in the range 1150 - 2332 Angstroms. This data will be used in combination with stellar models to derive the effective temperature, bolometric luminosity, and mass of each of the exciting stars. The combination of these parameters with the dynamical age of the PN will define the evolutionary tracks in the Luminosity/T-eff diagram. We will use two independent ionisation codes to interpret the FOS spectra, optical and IR spectra, and the ionisation structure derived from the PC images. This analysis will yield chemical abundances of many elements, including the astrophysically important species He, C, N, O, and Si.

Prop. Type: GO Selection Cycle : 87A

GALAXIES CLUSTERS -- (EVOLUTION/COSMOLOGY) --

2269 - "GALAXY POPULATIONS IN INTERMEDIATE REDSHIFT CLUSTERS "

Keywords : DISTANT GALAXY CLUSTERS, GALAXY EVOLUTION, GALAXY MORPHOLOGY

Proposers: Warrick J Couch (PI; University Of New South Wales; Australia), R.Ellis (Durham University; Uk), R.Sharples (Durham University; Uk)

We request WF/PC time to image at high resolution those members of 2 southern rich clusters at intermediate redshifts (z~0.3-0.4) which we have studied extensively at the AAT using both fiber-optic spectroscopy and multi-colour photometry. Our comprehensive ground-based data has allowed us to measure precise line indices and colours for individual galaxies in these clusters and hence to construct a unifying picture for the various phenomena associated with the Butcher-Oemler effect whereby different galaxies are seen at different stages of star-formation activity within a simple cycle. The WF/PC data will allow us to morphologically classify galaxies at various stages in this cycle and resolve many of the questions left unanswered by the ground based data. The AAT catalogue is the largest, most complete spectroscopic and photometric data set where, by virtue of the moderate redshift, detailed information is available for all galaxies to a fixed magnitude limit. As such, our sample forms the ideal first target for HST studies of the evolution of galaxies in dense environments.

Prop. Type: GO Selection Cycle : 87A

STELLAR ATMOSPHERES -- (LATE EVOLUTION) --

2282- LT - "SENSITIVE UV SPECTROSCOPY OF A HELIUM ATMOSPHERE DEGENERATE STAR "

Keywords : WHITE DWARFS

Proposers: Charles Alcock (PI; Inst. Of Geophys. And Planetary Phys., Llnl)

We propose a sensitive search using the FOS for Lyman alpha absorption in the spectrum of a DB white dwarf star whose visible spectrum shows only helium absorption lines. The observed absence of H alpha and H beta absorption already shows that the N(H) to N(He) ratio is less than or equal to 10E(-4). The Lyman alpha line is approximately 100 times stronger than H alpha (for a given hydrogen abundance) so the potential upper limit to the hydrogen content is 100 times stronger than presently available. At the same time, we would obtain senstitive measurements of (or upper limits to) the UV resonance lines of carbon, magnesium, aluminum, silicon and iron. Detection of or upper limits to any of these lines would place significant constraints on the models of the atmospheres of this star, its accretion of interstellar and circumstellar material, and indirectly on their ages.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (QUASAR EMISSION) --

2288 - "SPECTROSCOPY OF THE UV BRIGHTEST KNOWN HIGH RED SHIFT QUASAR "

Keywords : QUASAR, SPECTROSCOPY, CONTINUUM, LYMAN FOREST, INTERGALACTIC MATTER

Proposers: Dieter Reimers (PI; Hamburg Observatory; Frg), J.Clavel (Esa, Iue Observatory; Spain), D.Engels (Hamburg Observatory; Frg), D.Groote (Hamburg Observatory; Frg), H.Hagen (Hamburg Observatory; Frg), W.Wamsteker (Esa, Iue Observatory; Spain)

The luminous, high redshift quasar (v=16.1, z=2.72) HS 1700 + 6416, discovered recently by us, has been found with IUE to be in the UV the brightest known QSO. Its flux increases from 1500 to 1200A with shorter wavelength. This up to now unique object offers the possibility to conduct spectroscopic observations in the UV at a resolution of 103 with the aim i. to study the energy distribution of a luminous QSO down to rest wavelengths of 320 A ii. to search for QSO emission lines below 1000A to 320A iii. to study the distribution of the Lyman forest and of IGM in one line of sight between z=0 and z=2.72

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN _SNR) --

2290 - "CHEMICAL ABUNDANCES IN LOCAL GROUP SUPERNOVA REMNANTS "

Keywords : ASTROPHYSICS:EVOLUTION,STELLAR POPULATION,ABUNDANCE,

Proposers: Michael A. Dopita (PI; Mt. Stromlo And Siding Spring Observatories; Australia), P.Benvenuti (Space Telescope Coordinating Facility;), R.Chevalier (University Of Virginia), S.D'Odorico (European Southern Observatory;), J.Danziger (European Southern Observatory;), D.Mathewson (Mt. Stromlo And Siding Spring Observatories; Australia), F.Matteucci (European Southern Observatory;), S.Russell (Mt. Stromlo And Siding Spring Observatories; Australia), I.Tuohy (Mt. Stromlo And Siding Spring Observatories; Australia)

There is an increasing body of data, based on abundance analyses of the interstellar medium, which suggests that Local Group disk galaxies have had a star-formation history which is quite different from the region of the Galaxy about the sun. For example, the solar region appears to have undergone a burst of high-mass star formation at the time of disk collapse, unlike Local Group systems of low metallicity. The evolved, radiative supernova remnants (SNR) can be used as a powerful probe of the chemical abundances in the Interstellar Medium (ISM). This proposal is to obtain FOS UV spectrophotometry of the brightest radiative SNR discovered by us in Local Group Galaxies. This data will complement our ground-based data in the optical to give abundances of a variety of elements with different nucleogenic origins. The data to be obtained in the LMC will complement the abundance analysis of the spectra of many supergiant stars, already performed, to give us a complete picture of the "cosmic" abundances of most

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Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN _SNR) --

2292 - "YOUNG SUPERNOVA REMNANTS IN THE MAGELLANIC CLOUDS AND NUCLEOSYNTHESIS IN MASSIVE STARS"

Keywords : ABUNDANCE, SPECTRAL REGIONS: OPTICAL, UV,SUPERNOVAE: TYPE II

Proposers: M. A. Dopita (PI; Mt. Stromlo And Siding Spring Observatories; Australia), P.Benvenuti (Space Telescope Coordinating Facility; Frg), R.Chevalier (Virginia, University Of), S.D'Odorico (European Southern Observatory; Frg), J.Danziger (European Southern Observatory; Frg), B.Lasker (Stsci), D.Mathewson (Mt. Stromlo And Siding Spring Observatories; Australia), I.Tuohy (Mt. Stromlo And Siding Spring Observatories; Australia)

The young supernova remnants (YSNR) present a unique opportunity to directly observe the end-points of stellar evolution. The peculiar spectra of the oxygen-rich type undoubtedly result from the reheating of material ejected from deep within the core of a massive progenitor star. This material is not very well-mixed, so that the spectra of individual knots can be used to probe the chemical composition of the region of the progenitor star where they were produced. Galactic examples of this class are heavily reddened, so that UV spectroscopy will be difficult. This proposal is to observe those YSNR in the Magellanic Clouds which were discovered by us. By imaging with the WF/PC and by later UV spectroscopy with the FOS, we intend to determine the excitation mechanism, chemical abundances, and the chemical stratification in the supernova ejecta.

Prop. Type: GO Selection Cycle : 87A

GALAXIES _CLUSTERS -- (NUCLEI/CORES) --

2295 - "BLACK HOLES IN ELLIPTICAL GALAXIES "

Keywords :

Proposers: Giuseppina Fabbiano (PI; Cfa), G.Trinchieri (Cfa)

We propose to observe at high resolution the central regions of eight early-type galaxies, for which X-ray and radio continuum data are available. Four of these have radio core power comparable with that of M87, and four are radio quiet. We seek to measure the UV emission of a nonthermal nuclear source, and/or to find evidence of a central stellar spike, which could indicate the presence of a central mass concentration. These measurements will enable us to investigate the origin of nuclear activity in ellipticals with particular reference on the mass of the central black hole as a crucial element.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (QUASAR EMISSION) --
2296 - "QUASAR ENERGY DISTRIBUTIONS "
Keywords : QUASARS, CONTINUUM EMISSION, ULTRAVIOLET SPECTRA, X-RAY SPECTRA
Proposers: Jonathan Mcdowell (PI; Cfa), M.Elvis (Cfa), B.Wilkes (Cfa)

The most striking feature in the continuum energy distributions of many quasars is the ultraviolet 'Big Bump'. Bump properties vary widely, and there are objects in which no such component is evident. We propose to study the range of Bump strengths by obtaining high signal-to-noise, moderate resolution ultraviolet spectra of 6 quasars with soft X-ray spectra, two with large bump features, and four with little or no evidence for an ultraviolet bump. The 'Weak Bump' may reveal the bare non-thermal ultraviolet continuum for the first time. We will have complete (radio to X-ray) energy distributions of all 6 objects, which will allow the HST ultraviolet spectra to be understood in their wider context.

Prop. Type: GO Selection Cycle : 87A

GALAXIES _CLUSTERS -- (NEARBY GALAXIES) --
2298 - "STELLAR CONTENT OF GALAXIES AND GLOBULAR CLUSTERS "
Keywords : GALAXIES: STELLAR POPULATIONS; GLOBULAR CLUSTERS: INTEGRATED SPECTRA
Proposers: David Burstein (PI; Arizona State University), J.Frogel (Ohio State University), R.O'Connell (Virginia, University Of), M.Rieke (Arizona, University Of), J.Rose (North Carolina, University Of), C.Wu (Stsci)

Our goal is to establish a spectroscopic method which can reliably distinguish the effects of age from those of chemical composition in the integrated light of stellar populations older than one billion years. This program forms an essential link between two of HST's most powerful capabilities: detailed color-magnitude diagram (CMD) studies of nearby galaxies and globular clusters, and integrated light studies of high redshift galaxies in early phases of evolution. As a first step, we propose to obtain high precision FOS ultraviolet spectroscopy of bright, nearby extragalactic systems, to combine this with ground-based and IUE data in a comprehensive spectral synthesis analysis, and to compare the results with independent CMD studies by HST. Our results will help us to develop an effective method for interpreting the lower S/N data which will be available for distant objects at large lookback times.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (JETS) --

2301 - "IMAGING OF RADIO HOT SPOTS "

Keywords : RADIO GALAXIES, RADIO JETS, CONTINUUM EMISSION

Proposers: Klaus Meisenheimer (PI; Mpi For Astronomy; Frg), R.Laing (Royal Greenwich Observatory; Uk), R.Perley (Nrao), H.Roeser (Mpi Fuer Astronomie; Frg)

We proposed to obtain optical images of radio hot spots with the HST Planetary Camera. Based on results of our groundbased observations we selected 3 hot spots which emit optical synchrotron light (3C 20 west B, 3C 33 south, 3C 111 east). 3C20 and 3C 33 are in the GTO list and had thus to be omitted. 3C 111 has z ~ 0.05 where HST will reach a linear resolution of 0.1 kpc, i.e., ~ 1/10 of the hot spot diameter. We already marginally resolved the optical hot spot from the ground and will thus be able to study the structure of the places of particle acceleration in detail. These observations will help to decide between various models of radio jets feeding the hot spots.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

2306 - "PHYSICAL CONDITIONS IN THE NARROW-LINED REGION "

Keywords : ACTIVE GALACTIC NUCLEUS: AGN, SEYFERT GALAXY

Proposers: Jack A. Baldwin (PI; Cerro Tololo Inter-American Obs. National Optical Astron.Obs), G.Ferland (Ohio State University), H.Netzer (Tel Aviv University; Israel), D.Wills (Texas, University Of), B.Wills (Texas, University Of)

We will make a comprehensive study of the emission-line gas in the narrow-lined region (NLR) of active galactic nuclei (AGN). We will concentrate on Seyfert 2 galaxies in order to avoid possible confusion with the spectrum of the broad line region (BLR). We wish to use a wide variety of the HST instruments, to insure that a comprehensive and high-quality data set is built up for a representative sample of nearby Seyfert 2 galaxies. These data should immediately allow us to address several important, inter-related questions about AGN: a. What is the velocity field in the innermost part of the NLR? b. Where does the reddening occur in AGN? c. What is the chemical composition of the gas associated with the AGN? d. How do the Seyfert 1 and Seyfert 2 continuum sources differ? e. Do most Seyfert 2 galaxies contain "hidden" BLRs? We will exploit both the high UV response and high spatial resolution of HST, using PC images to map out the NLR structure in a few strong lines, FOS and HRS to obtain detailed nuclear spectra over a wide wavelength range, and most importantly, FOC in its long slit mode to study spatial variations in the UV and optical spectra.

Prop. Type: GO   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (STELLAR ATMOSPHERES) --

2321 - "SEARCH FOR ENERGETIC PROTONS IN THE IMPULSIVE PHASE OF STELLAR FLARES - AU MIC"

Keywords : STELLAR FLARES, PROTONS, CHARGE-EXCHANGE, ENERGETICS

Proposers: Bruce E. Woodgate (PI; Nasa, Goddard), K.Carpenter (Nasa, Goddard), M.Kundu (Colorado, University Of), J.Linsky (Colorado, University Of), S.Maran (Nasa, Goddard)

We propose to search for energetic protons in stellar flares, by monitoring the stellar H Lyman alpha profile with high time resolution. Protons accelerated in a flare may dominate the total energy released, but have not previously been observed below 1 Mev. In the impulsive phase, predictions show that some of the 10-300 kev protons accelerated down into the stellar chromosphere will charge-exchange with neutral hydrogen and emit Lyman alpha photons in the red wing, up to 20a from line center. Impulsive bursts may last from 0.5- 30 sec, spread over several minutes. Simultaneous observations of transition region, chromospheric, and coronal lines will identify the impulsive phase, and provide measurements of the emission measure, temperature distribution, and density. Observations of AU Mic totalling 6 hours with GHRS in low resolving power mode (R= 2000), to cover 1160-1448a with 0.4 sec time resolution are required.

Prop. Type: GO   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY BINARIES) --

2334 - "ULTRAVIOLET SPECTROSCOPY OF THE BLACK HOLE A0620-00 "

Keywords : BLACK HOLE, NEUTRON STAR, X-RAY STAR, INTERACTING BINARY

Proposers: Jeffrey Mcclintock (PI; Cfa), K.Horne (Stsci), R.Remillard (Mit)

There is compelling dynamical evidence that the X-ray nova A0620-00 contains a black hole. For more than ten years now, the nova has been in hibernation. It's quiescent optical spectrum is composed of two distinct components: a K5V stellar part and an accretion disk component. We propose to observe A0620-00 for a full binary orbit (7.8 hours) with the FOS. Two factors make the proposed UV observations a unique and exciting prospect: 1) the simplicity of the black hole event horizon eliminates the complex disk-star boundary layer in other accreting systems, and 2) the K5V secondary is completely invisible at UV wavelengths. Consequently, the UV spectrum of A0620-00 is expected to be the pure spectrum of an accreting black hole. We also propose to observe Cen X-4 (a quescent X-ray nova that contains a neutron star) in order to compare black-hole accretion and neutron-star accretion. This proposal is part of an 8 year, ongoing study of A0620-00.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (MASSIVE STARS) --

2338 - "SPECTROSCOPY OF THE SPECKLE-RESOLVED ETA CARINAE POINT SOURCES "

Keywords : EARLY TYPE STARS, ATMOSPHERES, UV SPECTROSCOPY, STELLAR EVOLUTION, NUCLEOSYNTHESIS, ABUNDANCES, LBVS, LUMINOUS STARS, MASSIVE ST

Proposers: Kris Davidson (PI; Minnesota, University Of), R.Humphreys (Minnesota, University Of), R.Kudritzki (Munich University; Frg), M.Rosa (European Southern Observatory; Frg), K.Simon (Munich University; Frg), N.Walborn (Stsci), G.Weigelt (Max-Planck-Institut F. Radioastronomie; Frg), B.Wolf (Heidelberg State Observatory; Frg)

Eta carinae is thought to be the most extreme known Luminous Blue Variable (LBV), marking the unstable upper boundary of the HR Diagram. It is crucial for theories of the LBV outburst phenomenon, only recently beginning to be developed. Recently the "central object" in Eta Carinae has been found by speckle techniques to be multiple. Combined with the presence of circumstellar emission and scattering, this multiplicity means that high spatial resolution is needed in order to obtain spectral data specifically on the primary component, the very massive LBV star. The fainter components are also important -- if they are stars, then this is a unique chance to study a truly coeval system of very massive stars of known age (known because the LBV is present), and if they are nebular objects, then we need spectra in order to understand why they are so unexpectedly bright. For these reasons we propose to us the FOS to obtain spectra of the primary star and of its companion objects. The stellar spectra will be used for a quantitative analysis by NLTE methods, aiming for estimates of Teff, g, chemical composition, mass, mass-loss rate, wind velcoity field, and luminosity.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN SNR) --

2340 - "IMAGING AND SPECTROSCOPY IN THE CRAB NEBULA "

Keywords : SUPERNOVA, SUPERNOVA REMNANT, CRAB NEBULA, ABUNDANCE, NUCLEOSYNTHESIS, MORPHOLOGY

Proposers: Kris Davidson (PI; Minnesota, University Of), R.Fesen (Dartmouth College), R.Henry (Oklahoma, University Of), M.Kafatos (George Mason University), R.Kirshner (Cfa), G.Macalpine (Michigan, University Of), A.Uomoto (Johns Hopkins University), A.Wilson (Maryland, University Of)

The Crab Nebula is the only young SNR (i.e., composed mainly of SN ejecta) whose condensations are resolvable by ST while also being "easily" observable in the UV. Moreover,it is now thought to represent an important SN mass range, and at the same time the Crab's chemical composition is poorly understood. V spectral data is essential for understanding the Crab, while high-spatial-resolution studies of its condensations will also be useful for producing more reliable ionization models in order to study it composition and its dynamics. We propose a detailed set of observations with the WFC, and FOC, partly to obtain useful data soon and partly to enable planning of future, more sophisticated UV spectroscopy. The WFC is to study density gradients and local structure in the condensations and also to provide accurate positions for possible future FOS work. The FOC is to make images of UV emission lines, for composition with visual-wavelength structure and also for possible future planning.

Prop. Type: GO   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (ERUPTIVE BINARIES) --

2342 - "THE SYMBIOTIC PHENOMENA "

Keywords : INTERACTING BINARY, SYMBIOTIC STAR, ACCRETION

Proposers: A. G. Michalitsianos (PI; Nasa, Goddard), R.Fahey (Nasa, Goddard Space Flight Center), M.Kafatos (George Mason University), H.Nussbaumer (Zurich Astronomy Institute; Switzerland), F.Paresce (Stsci)

Symbiotic stars are interacting binaries. The relevant interaction processes include mass expulsion from a common envelope between the two stars, collimated flows, accretion disk formation around the compact hot star, evolution of outbursts, as well as mass outflow leading to jet-like features with particularly intriguing characteristics. However, the nature of these systems and the physical processes that explain their behavior remain unsettled. Spectroscopy with HRS will decisively advance our knowledge of the kinematical and ionization structure of the central HII region that surrounds the binary. It is hoped that this will finally answer the controversial question concerning the nature of the hot object in symbiotics. High spatial resolution radio

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Prop. Type: GO   Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN _SNR) --

2344 - "HIGH VELOCITY LYMAN ALPHA ABSORPTION IN THE VELA REMNANT "

Keywords : SUPERNOVA REMNANT, SHOCKWAVES

Proposers: Edward B. Jenkins (PI; Princeton University), G.Wallerstein (Washington, University Of)

To detect the primary supernova shock in the intercloud medium of the Vela Remnant we propose to look for very high velocity (500<u<1500 kms-1) components of Lyman alpha in absorption. Models by Cowie et al. indicate that such line may be detectable, and we have seen possible components of HI and O VI near 400 kms-1 with Copernicus satellite.

Prop. Type: GO   Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (NOVAE) --

2345 - "ABSORPTION LINES DUE TO EJECTED NEBULA OF AN OLD NOVA. "

Keywords : ABSORPTION LINE, ABUNDANCE, NEBULA, NOVA, PROFILE UV, WIND

Proposers: Michael Friedjung (PI; Institut D'Astrophysique (Cnrs); France), A.Bianchini (Osservatorio Astronomico Padova; Italy), A.Cassatella (Iue Observatory Vilspa-; Spain), R.Gehrz (University Of Minnesota - Minneapolis; U.S.A), P.Selvelli (Cnr-Osservatorio Astronomico Di Trieste; Italy), S.Shore (New Mexico Institute Of Mining Technology; U.S.A.), S.Starrfield (Arizona State University - Tempe; U.S.A.), J.Truran (University Of Illinois - Urbana; U.S.A.), R.Wagner (Lowell Observatory-Flagstaff, Arizona; U.S.A.), R.Williams (Ctio - La Serena; Chile)

We plan to use the HRS to observe ultraviolet absorption lines with lower level excitation potentials at or near zero electron volts, produced by the nebula of the old nova V 603 Aql (1918). This old nova is very bright, while the line of sight to the central remnant seems to pass through or near the density maximum of the ejected nebula associated with a "polar cap". Analysis of lines due to the ions C IV, NV and Si IV will give information about the velocity field of the nebula on the line of sight to the central remnant and from this on the nebular thickness, as well as on nebular ionization and perhaps on the abundances. Information about the wind expected from the accretion disk around the white dwarf component of the central binary will also be obtainable.

Prop. Type: GO   Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN_SNR) --

2347 - "CLOSE SPACIAL SAMPLING OF SHOCKED CLOUDS IN THE VELA REMNANT "

Keywords : SUPERNOVA REMNANT, SHOCKWAVES, GAS

Proposers: George Wallerstein (PI; Washington, University Of), E.Jenkins (Princeton University)

To study the spatial correlation of ionization and excitation in the Vela Remnant clouds we propose to observe both components of 5 visual binaries within or behind the remnant. This will provide data along lines of sight by only 150 to 2500 A.U. The degree of correlation of column densities and ionization states over these short distances should help to distinguish among various theories of the origin of the high velocity and high ionization clouds in supernova remnants.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

2348 - "ABUNDANCE ENHANCEMENTS IN HALO GAS "

Keywords : HALO, SUPERNOVA REMNANT, ABUNDANCES, GAS

Proposers: Edward B. Jenkins (PI; Princeton University), G.Wallerstein (Washington, University Of)

We propose to use HRS in its highest resolution mode to examine interstellar absorption lines in the spectra of stars situated ~1 kpc or more from the galactic plane. We will compare Fe II, S II, Si II and Al II to see if their relative abundances differ from ordinary interstellar gas, as indicated by a conservative interpretation of some IUE data. We will equate possible abundance enhancements in halo gas, if they are indeed real, with element replenishments found in shocked gases in the plane (associated with the Vela SNR) to see if the pattern from element to element differs from that resulting from the destruction of grains. This differentiation will indicate whether the principal enhancements are from grain evaporation as the gas is ejected from the plane, or whether element injection from Type I supernovae plays an important role.

Prop. Type: GO Selection Cycle : 87A

QUASARS AGN -- (GRAVITATIONAL LENSES) --

2350 - "WF/PC IMAGING OF GRAVITATIONAL LENSES AND GRAVITATIONAL LENS CANDIDATES"

Keywords : EXTRAGALACTIC, IMAGING, GRAVITATIONAL LENS, COSMOLOGY

Proposers: Edwin L. Turner (PI; Princeton University), B.Burke (Mit), E.Falco (Cfa), J.Hewitt (Mit), J.Huchra (Cfa), S.Kent (Cfa), C.Lawrence (Caltech), J.Ostriker (Princeton University), D.Schneider (Institute For Advanced Study), I.Shapiro (Cfa)

WF/PC broad band imaging of ten specific systems believed to be gravitational lenses on the basis of existing observations and of 37 objects divided among five categories of quasars in which lensing might be very common is proposed. Observations of objects in the first category (i.e., lens candidates) would consist of images in two bands (F555W and F785LP) and have the goals of further testing the lens hypothesis for each system, of allowing very accurate measurement of the relative positions of the multiple source images and the lensing object(s), of revealing details of the lensing object's structure, of identifying additional source images and/or lensing objects, and of resolving possibly magnified source images. Proposed observations in the second category (i.e., search for new lens candidates) would consist of images in a single band (F555W or F702W) and have the goal of searching for evidence of lensing, either multiple source images or nearly superimposed foreground galaxies and/or galaxy clusters. This second imaging program may be thought of as a series of mini-surveys for new lens systems, each exploring a potential high yield search strategy. The proposed observations exploit the potential of HST's high angular resolution for gravitational lens studies and would play a central role in a multi-investigator, multi-institutional effort which is already underway using ground based optical and radio observations plus theoretical investigations. This larger program is ultimately aimed at utilizing

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Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN_SNR) --

2355 - "COLLISIONLESS SHOCKS AND YOUNG SUPERNOVA REMNANTS "

Keywords : SUPERNOVA REMNANTS, IMAGING

Proposers: William P. Blair (PI; Johns Hopkins University), J.Hester (Caltech), R.Kirshner (Cfa), K.Long (Johns Hopkins University), J.Raymond (Cfa), P.Winkler (Middlebury College)

We propose to obtain WFC H-alpha images of selected supernova remnants to study the physics and proper motions of so-called "collisionless" shocks. The primary targets include portions of the young galactic remnants SN 1006, SN 1572 (Tycho's remnant), and the northeast Balmer-dominated filaments in the Cygnus Loop. We will use the superior imaging quality of HST to resolve the shock structure and provide direct information about the physical scale lengths of the shock fronts. The images will also be crucial for determining accurate proper motions of the filaments (first by comparison with our existing ground-based images, and ultimately with future HST images). These data will help refine the distances and expansion laws of these remnants, information that is critical both for studies of remnant evolution and for the possible use of the historical observations to calibrate Type Ia supernovae as extragalactic distance indicators. Two LMC supernova remnants showing the same Balmer-dominated emission morphology will also be observed as first epoch proper motion images in order to constrain the ages of these remnants and provide an independent distance measurement to the LMC.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN_SNR) --

2356 - "THE IDENTIFICATION OF SUPERNOVA REMNANTS IN M83 AND OTHER SPIRAL GALAXIES"

Keywords : SUPERNOVA REMNANTS

Proposers: Knox S. Long (PI; Johns Hopkins University), W.Blair (Johns Hopkins University), R.Kirshner (Cfa), J.Raymond (Cfa), P.Winkler (Middlebury College)

This is a proposal to use narrow-band Wide Field Camera (WFC)images to identify supernova remnants in the nearest large Sc galaxy M83. SNRs will be identified on the basis of spatial extent and the ratio of observed emission in [S II]:H-alpha and [O III]:H-alpha. Based on our recent ground-based success in locating SNRs in M33 and other very nearby galaxies, we expect to find 40-80 small diameter, high surface brightness SNRs in M83, including the remnants of one or more of the 5 historical supernovae in M83. The observations will serve as a test case to demonstrate that HST can be used to inventory the SNR populations of many types of galaxies. The resulting catalogue of M83 will be used to test models of SNR evolution, to compare the supernova rate in M83 to that of local and Sculptor group spirals, to estimate the numbers of oxygen-rich to "normal" SNRs, to locate individual SNRs for future spectroscopic observations, and to relate the positions of detected SNRs to other morphological features in this galaxy. This is also a proposal to extend our ground-based surveys of SNRs to smaller diameter objects in confused regions of M33, NGC 300, and NGC 2403 by using the WFC in parallel mode. These observations will help reduce selection effects in the ground-based surveys and will incidentally produce images of known SNRs in these galaxies for future planning

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Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN_SNR) --
2360 - "R-PROCESS EJECTA IN THE VELA SUPERNOVA REMNANT "
Keywords : SUPERNOVA REMNANT, NUCLEOSYNTHESIS HEAVY ELEMENTS
Proposers: George Wallerstein (PI; Washington, University Of), E.Jenkins (Princeton University)

Groundbased, X-ray and radio studies reveal many properties of supernovae but none except for the neutrinos from SN1987A have been able to tell us anything about the mechanism of the explosion. By looking for r-process and heavy iron-peak isotopes we can estimate the amount of neutronized material ejected and hence get a grip on what actually happened during the explosion. We will search for interstellar absorption lines of KrI, HgII, Os II, W II, and Pt II in stars within and behind the Vela supernova remnant. Substantial quantities of these elements are expected to be ejected in supernova explosions. However, recent competing theories of the supernova explosion mechanism predict differing amounts of r-process ejecta and in this way our observation will provide important constraints on these models. This will be a direct observational input on the supernova mechanism, a theoretical problem on which much time, effort, and manpower have been expended.

Prop. Type: GO Selection Cycle : 87A

GALAXIES_CLUSTERS -- (DISTANT GALAXIES) --
2365 - "HST IMAGING OF GROUND-BASED ULTRA-DEEP SURVEY FIELDS "
Keywords : GALAXIES, ANONYMOUS, FORMATION, EVOLUTION
Proposers: Simon J. Lilly (PI; Hawaii, University Of), L.Cowie (Hawaii, University Of)

A deep ground based multi-color survey of several small areas of sky is being used to search for young galaxies in order to study galaxy formation and early evolution. Extremely deep images in five colors spread between the ultraviolet atmospheric cut-off at 3200 A and the thermal infrared at 2.4 micron have been used to isolate populations of interesting objects from amongst the larger number of more mundane galaxies. This technique has led to the identification of a population of galaxies which must represent a major episode of star-formation in the history of the Universe. We propose to observe with HST our two deepest survey fields, which are at present the most extensively studied areas of the sky at this depth, in order to (a) discriminate between stars and galaxies all the way down to our survey limit of V~27; (b) morphologically study the young galaxy population at V~24; and (c) extend out wavelength coverage into the far ultraviolet so as to encompass a full decade of frequency. This will allow the search for these young galaxies at lower redshifts.

Prop. Type: GO Selection Cycle : 87A

GALAXIES CLUSTERS -- (DISTANCE SCALE) --

2370 - "GLOBULAR CLUSTER SYSTEMS IN THE COMA SUPERGIANT ELLIPTICALS "

Keywords : GLOBULAR CLUSTERS, ELLIPTICAL GALAXIES, HALO, DISTANCE SCALE

Proposers: William E. Harris (PI; Mcmaster University; Canada), D.Hanes (Queen'S University; Canada), J.Hesser (Dominion Astrophysical Observatory; Canada), C.Pritchet (Victoria, University Of; Canada)

We propose to use the Wide Field Camera in the V and I bands for imaging of the globular cluster systems around NGC 4874 and NGC 4889, the two central supergiant ellipticals in the Coma Cluster.Photometry of the globular clusters around these galaxies will accomplish three principal scientific goals: 1) We will obtain the globular cluster luminosity function (number of clusters per unit magnitude) to approximately Mv~-6.6, fully one magnitude fainter than LF peak frequency or "turnover." Fitting the LFs directly to those from the Local Group galaxies and the giant Virgo ellipticals in a single step will then yield a pure Population II distance calibration for Coma with an internal uncertainty of + 1-0.2 mag and a clean determination of H0, completely independent of the entire chain of Population I standard candles.2)We will obtain the total cluster populations (specific frequencies) in each galaxy, thus sampling the formation efficiency of globular clusters in a much richer and denser galaxy environment than any accessible from ground-based imaging.3) We will obtain the radial distribution and color (metallicity) gradient within each cluster system. By comparing these with the same quantities for the underlying halo light of the galaxies, we will determine how distinct these two components of the halo are in their structure and chemical enrichment history.

Prop. Type: GO Selection Cycle : 87A

GALAXIES AND CLUSTER -- (EVOLUTION/COSMOLOGY) --

2373- LT - "MORPHOLOGY OF GALAXIES IN CLUSTERS AT Z = 0.5 "

Keywords : GALAXY MORPHOLOGY, EVOLUTION, GALAXY CLUSTER

Proposers: Alan Dressler (PI; The Observatories Of The Carnegie Institution Of Washington), H.Butcher (Kapteyn Observatory; Netherlands), J.Gunn (Astrophysical Sciences, Princeton University), A.Oemler (Department Of Astronomy, Yale University)

Our program is intended to study galaxy evolution through the investigation of galaxy morphology as a function of lookback time. The development of disks and bulges, the role of mergers, interactions, and other environmental influences, are expected to be visible over the range $0 < z < 1$ as judged by the spectrophotometric evolution already observed over this redshift range. Over this first year of our two year program, we will image with the Wide Field Camera 5 fields in four rich clusters of galaxies at $z = 0.35 - 0.55$ for which extensive photometry and spectroscopy already exist. The fields include a wide range of environments from the dense cores of clusters to isolated field galaxies. These data will be used to classify images according to traditional morphological categories and will be used to determine quantitative measures of surface brightness distributions and bulge-to-disk ratios. The images will be obtained in two colors in order to map the distribution of star formation in comparison with low-z galaxies in similar clusters. The data are applicable to specific questions, like the cause of enhanced starburst activity found for high-z galaxies.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (

2378- LT - "DETECTING THE NEUTRON STAR IN GAMMA-RAY BURSTERS "

Keywords : GAMMA-RAY BURSTERS

Proposers: Bradley E. Schaefer (PI; Universities Space Research Association), C.Chevalier (Haute Provence Observatory; France), T.Cline (Nasa, Goddard), K.Hurley (California, University Of, Berkeley), S.Ilovaisky (Haute Provence Observatory; France), C.Motch (Besancon Observatory; France), H.Pedersen (European Southern Observatory; Chile)

The nature of the gamma-ray burst (GRB) phenomena remains a puzzle in spite of the wealth of observational data because no source object has been identified. Great effort has therefore already been expended in counterpart searches; yet, even at the limit of current technology, no counterpart is known. The unique ultraviolet imaging capabilities of HST allow for a qualitatively new type of search--where we seek emission from the neutron star component. If we can find a counterpart, we could for the first time measure distance and temperature. We would be likely to eliminate most of the many GRB models and provide a significant observational base for theory. Hence, we believe that an HST counterpart would represent the biggest advance in knowledge in this field since the discovery of GRB's.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (INNER PLANETS) --

2379- LT - "SYNOPTIC MONITORING OF SEASONAL PHENOMENA ON MARS "

Keywords : MARS

Proposers: Philip B. James (PI; Missouri, University Of, St Louis), R.Clancy (Colorado, University Of), R.Kahn (Jet Propulsion Laboratory), S.Lee (Colorado, University Of), L.Martin (Lowell Observatory), R.Singer (Arizona, University Of), R.Zurek (Jet Propulsion Laboratory)

The combination of spatial and spectral resolution provided by the HST is ideally suited to a synoptic study of seasonal and interannual variability on Mars. We propose a three year program of Mars observations which will enable us to address the following objectives: multispectral mapping of geological surface units, quantitative study of seasonal and interannual variations in albedo features, the diurnal behavior of martian clouds, observation of a classic dust storm season, measurements of the atmospheric concentration of ozone and the derived water vapor abundance, and observations of seasonal polar cap changes for comparison with earlier data sets. Thirteen sequences of observations are proposed to map the martian globe and to provide repeated observations of the regions of greatest scientific interest; these use the PC to observe Mars in visible and near UV wavelengths and the FOS to map ozone absorption. The sequences are designed for particular martian seasonal dates relevant to the scientific objectives.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (ERUPTIVE BINARIES) --

2380 - "INSTABILITIES IN ACCRETION DISCS AND THE OUTBURSTS OF DWARF NOVAE "

Keywords : WHITE DWARF DWARF NOVA ACCRETION BOUNDARY LAYER INTER- ACTING BINARY

Proposers: Keith Horne (PI; Stsci), T.Marsh (Stsci)

We will use the HST with the FOS to observe eclipses of a dwarf nova at 5 epochs in the quiescent period between outbursts. From the eclipse data we will determine the secular evolution of the white dwarf, the accretion disc, and the bright spot. This evidence will be a clean test of the two competing theories for the instability which triggers dwarf nova outbursts. In the disc instability model the transition of the disc from a cool to hot state triggers the outburst, whereas in the red star instability model the cool binary companion transfers a short burst of material into the disc which then becomes brighter. During quiescence the disc instability model predicts an increasing accretion rate and hence an increasing ultraviolet flux, whereas the red star model predicts a decreasing accretion rate and ultraviolet flux. Therefore the variation of the ultraviolet flux with time will distinguish which of the two current models is correct. Only the HST is able to resolve the rapid variations seen in an eclipsing dwarf nova, and therefore determine the ultraviolet flux from the accretion disc. The observations that we propose will also probe the nature of the boundary layer between the disc and the white dwarf, a region too small and hot to be well constrained by any previous observations. In particular, we will measure the extent of heating of the white dwarf by the boundary layer, and the cooling

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Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (RADIO GALAXIES) --

2387- LT - "MORPHOLOGICAL STUDIES OF WEAK RADIO GALAXIES: CLUES TO THE PHYSICS AND EVOLUTION OF HIGH REDSHIFT STARBURST GALAXIES"

Keywords : WEAK RADIO GALAXIES, STARBURST GALAXIES, COSMOLOGICAL EVOLUTION,

Proposers: Rogier A. Windhorst (PI; Arizona State University), P.Katgert (Sterrewacht, University Of Leiden; Netherlands), A.Willis (Athabasca, University Of; Canada)

We propose to spend 8.5 hrs with the WFPC to help solve one of the major unresolved problems in extragalactic radio astronomy: What is the true morphological nature of the radio galaxies that cause the upturn in the submilliJansky source counts, and what physical process determines their cosmological evolution? During the last decade, we have studied these radio galaxies extensively from the ground, down to V~27 mag direct, and to V~24 mag spectroscopically. In this survey we discovered the upturn in the sub-milliJansky source counts, as well as its cause: a class of luminous, blue actively starforming galaxies at intermediate redshifts. Many of these objects show signs of interactions or merging in good seeing CCD images. We believe they are in the process of gradually forming elliptial galaxies, and that their evolution is intimately related to the formation and evolution of giant ellipticals. This process has been going on for at least half a Hubble time, and probably constitutes the physical cause for the cosmological evolution of the entire radio source population. Our goal is to study the physics of this process in detail. We propose to obtain two color WFPC images of five carefully selected high surface brightness, blue radio galaxies in the redshift range $0.3<z<1.4$ ($19<V<23$ mag). WFPC images are crucial to study their optical morphology, surface brightness distribution, color gradients, and nuclear structure at kpc scales. This will provide the necessary clues to understand

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Prop. Type: GO Selection Cycle : 87A

GALAXIES _CLUSTERS -- (NEARBY GALAXIES) --

2389 - "SUPER STAR CLUSTERS IN NERABY GALAXIES "

Keywords : STAR CLUSTERS STAR FORMATION IRREGULAR GALAXIES

Proposers: Robert W. O'Connell (PI; Virginia, University Of), J.Gallagher, Iii (Aura/Stsci), D.Hunter (Lowell Observatory)

"Super star clusters" are unusually compact, luminous star clusters found in galaxies with high star formation rates. They are barely resolvable with ground-based telescopes and have luminosity densities up to 1000 times higher than normal giant H II regions. They evidently represent an extreme mode of star formation, perhaps related to globular cluster formation during protogalaxy collapse. We propose to take advantage of the superb resolution of the Planetary Camera to study the structure of selected super star clusters and their surroundings with four color imagery.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (INNER PLANETS) --

2393 - "D/H RATIO OF VENUS AND MARS FROM LYMAN ALPHA EMISSION "

Keywords : VENUS, MARS, ATMOSPHERE, EVOLUTION, UV SPECTROSCOPY

Proposers: Jean-Loup Bertaux (PI; Cnrs, Department Of Aeronomy; France), J.Clarke (Michigan, University Of), M.Mumma (Nasa, Goddard), T.Owen (Suny, Stony Brook)

It is proposed to measure with HRS the D/H ratio of Lyman alpha intensities from the visible disks of Venus and Mars in order to have a key clue on the evolution of water on these two planets. Whereas the D/H ratio for Earth is 1.6x10-4, indicating no substantial water escape since origin, one single measurement (through in situ mass spectrometry) for Venus indicated a ratio of 1.6 x 10-2 (enrichment 100). However, IUE La observations pushed to IUE ultimate capabilities failed to show the D La emission at 1.5 x 10-2 of the H La emission, implying a D/H radio significantly smaller than previously reported (factor 8). This important finding needs to be confirmed with a positive detection at a lower level. On Mars, HDO has been detected, showing an enrichment of about 6 in the lower atmosphere. HST observation in the upper atmosphere would bring strong constraints on differentiation and escape of D probably valid for both planets. Even with the Earth's ratio of 1.6x 10-4, D La can be detected both on Venus and Mars with HST/HRS. The two lines D and H are separated by 0.33 A and well resolved with HRS Echelle A. The D/H ratio in the bulk lower atmosphere transfers into a different D/H La emission ratio because of atmospheric processes, different solar excitation rates, and radiative transfer. All these effects require modellings which are well mastered by the proposers, with computer codes used in

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Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

2403 - "HOT GAS IN THE INTERSTELLAR MEDIUM "

Keywords : INTERSTELLAR MEDIUM, GAS, HOT ISM

Proposers: Lennox L. Cowie (PI; Hawaii, University Of), E.Jenkins (Princeton University), A.Songaila (Hawaii, University Of)

The enormous gain in sensitivity and resolution of the HRS over previous instruments will at last allow us to make a detailed study of the distribution of thermally ionized N V and C IV absorption in the galactic disk. A survey of these ions in 8 carefully chosen stars ranging in distance from 80 pc to 3 kpc will provide a crucial test of the distribution of the hot gas in the interstellar medium and in particular of evaporation-front models of O VI production. The ratios of C IV and N V to

O VI and Si IV will allow us to test the predicted ionization ratios, while the evolution of equivalent with and velocity spread wtih distance will allow us to measure the number of components. Comparisons with lower ionization stages will test if the hot gas producing this absorption is physically associated with cooler material.

Prop. Type: GO   Selection Cycle : 87A

GALAXIES _CLUSTERS -- (EVOLUTION/COSMOLOGY) --

2405- LT - "WFPC STUDIES OF VERY HIGH REDSHIFT ELLIPTICAL GALAXIES: THE MORPHOLOGICAL EVOLUTION OF GIANT ELLIPTICALS AT 0.4<Z<2.5"

Keywords : ELLIPTICAL GALAXIES, DISTANT GALAXIES, MORPHOLOGICAL EVOLUTION, GALAXY FORMATION -

Proposers: Rogier A. Windhorst (PI; Arizona State University), D.Mathis (Arizona State University), L.Neuschaefer (Arizona State University), M.Oort (Sterrewacht, University Of Leiden; Netherlands)

We propose to spend 9 hours with WFPC to image a well defined, homogeneous sample of giant elliptical galaxies with redshifts 0.4<z<2.5. Our goal is to study the kpc structure of normal giant elliptical galaxies out to z=2.5, and their morphological evolution with cosmic time. During the last decade, we have performed extensive deep surveys, in the radio down to microJansky levels, and in the optical down to V=26 mag direct, and to V=24 mag spectroscopically. At milliJansky levels, the weak radio source population is dominated by red, high surface brightness galaxies with colors and absorption feature spectra like passively evolving giant ellipticals with current ages of 14-15 Gyr. They almost never have emission lines and are in all respects like normal, optically selected giant ellipticals, except that our ultradeep radio selection has found them out to z=2.5. We propose to obtain two color WFPC images of five carefully selected high surface brightness elliptical galaxies in the redshift range of 0.4<z<2.5 (19<V<23 mag). One of these is a young, compact elliptical galaxy at z=2.389 in a forming protocluster. WFPC images are crucial to study their optical morphology, surface brightness distribution, and color gradients at kpc scales. We will investigate their morphological evolution out to redshifts of 2.5, and see if their nuclear structure is different from that of optically selected high redshift ellipticals.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

2415 - "PHYSICAL AND CHEMICAL PROCESSES IN DENSE INTERSTELLAR CLOUDS "

Keywords : INTERSTELLAR, ABUNDANCE, UV, HI CLOUD, MOLECULAR CLOUD, DUST, MOLECULES

Proposers: Theodore P. Snow (PI; Colorado, University Of), J.Black (Arizona, University Of), R.Crutcher (Illinois, University Of), B.Lutz (Lowell Observatory), E.Van Dishoeck (Leiden, University Of; Netherlands)

We propose to take advantage of the high sensitivity and spectral resolution afforded by the GHRS to carry out a comprehensive study of abundances in "transluscent" interstellar clouds (Av=2-5 mag) in order to: (1) determine physical conditions such as density, kinetic and molecular excitation temperatures, and radiation field intensities; (2) measure abundances relative to hydrogen, learn about the gas-dust interaction and depletion processes; and (3) determine the abundances of several molecular species, so that we can apply recent chemical models toward a better understanding of molecular processes in transluscent and denser clouds. The clouds to be observed are dense enough to produce detectable millimeter-wave emission from molecular species, yet transparent enough to yield absorption-line data from the infrared through the visible, and now through the UV. We have developed a two-part strategy (1) carry out detailed analyses of two selected clouds using 19 grating settings to obtain coverage of 64 multiplets of 33 atomic species as well as 27 bands of 14 molecules; and (2) conduct a survey of a few species in a number of stars, in order to sample more clouds and to analyze any trends that may appear as functions of varying cloud conditions.

Prop. Type: GO Selection Cycle : 87A

GALAXIES CLUSTERS -- (NEARBY GALAXIES) --

2416 - "IMAGERY AND SPECTROSCOPY OF SUPER METAL POOR GALAXIES "

Keywords : DWARF GALAXY, IRREGULAR GALAXY, NEARBY GALAXY, STELLAR POPULATION, MORPHOLOGY, NUCLEOSYNTHESIS, ABUNDANCE, HII REGION, SPECTROSCOPY

Proposers: Reginald J. Dufour (PI; Rice University), D.Clayton (Clemson University), K.Davidson (Minnesota, University Of), M.Mccall (York University; Canada), J.Roy (Laval University; Canada), G.Shields (Texas, University Of), E.Skillman (Minnesota, University Of), C.Wu (Computer Sciences Corporation)

We propose to obtain WF/PC imagery of the two of the most metal-poor blue irregular galaxies known: I Zw 18 and GR8. The imagery will be obtained through wide band UV, B, V, R, and I filters and narrow-band filters isolating H-alpha and [O III] 5007. The wide-band imagery will be used to evaluate the massive star IMF, determination of the age distribution of groups of unresolved stars in the galaxies, and detect possible extended halos indicative of an old stellar population. The narrow band imagery will be used to identify the amount and spectral index of the ionizing radiation from OB stars, and detect supernova remnants, planetary nebulae, and emission-line stars. It is hoped that the results will enable us to evaluate in detail the chemical and stellar evolutionary history of these relatively rare systems and their place in the larger picture of galaxy formation and evolution.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN _SNR) --

2417 - "THE YOUNG REMNANTS OF MASSIVE SUPERNOVAE "

Keywords : ABUNDANCES, NUCLEOSYNTHESIS, SUPERNOVA REMNANTS

Proposers: Robert P. Kirshner (PI; Cfa), W.Blair (Johns Hopkins University), K.Long (Johns Hopkins University), J.Raymond (Cfa), P.Winkler (Middlebury College)

The remnants of recent supernovae provide the best opportunity to probe the evolution of massive stars and the synthesis of heavy elements. Among the remnants with fast moving, undiluted debris, the best known is Cas A. We have obtained extensive ground-based data on Cas A. The results provide valuable insights into the ages, composition, and kinematics of the remnant, but are imcomplete in tantalizing ways that HST can resolve. While we are confident Cas A results from the violent destruction of a massive star after advanced nuclear burning, essential features of the explosion physics, the excitation of the debris, the chemical composition of the ejecta, and the age, distance, and kinematics still elude our grasp. HST images will allow us to isolate the chemical inhomogeneities in the debris. The images will allow an unprecedented probe of the excitation mechanism, and will provide 10 times the angular resolution for proper motion studies to determine ages.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (OLD FIELD STARS) --

2419 - "THE CHRONOLOGY OF THE FORMATION OF THE GALACTIC HALO AND DISK "

Keywords : GLOBULAR CLUSTERS, POPULATION II

Proposers: Robert J. Zinn (PI; Yale University), B.Carney (North Carolina, University Of), C.Christian (University Of California At Berkeley), G.Da Costa (Yale University), P.Demarque (Yale University), J.Heasley (Hawaii, University Of), K.Janes (Boston University), E.Olszewski (Arizona, University Of), P.Seitzer (Stsci)

Observations with the PC will be used to construct color-magnitude diagrams that reach more than 2 mag. below the main-sequence turnoffs in 7 globular clusters. One of these clusters lies beyond 60 kpc from the galactic center, 2 are metal-poor clusters near the galactic center, and the remaining 4 are metal-rich clusters that belong to the disk system. The HST is needed because only it can provide (i) accruate photometry at the faint magnitudes (V > 25) required in the very distant cluster and (ii) the high resolution necessary for photometry in the very crowded fields of the inner halo and disk clusters. The ages of the clusters will be measured from the c-m diagrams using several techniques, and will be compared with each other and with the ages derived for other clusters from ground-based observations. The chronologies of the halo and the disk that result from these data will constrain theories of galactic evolution tightly, for they will indicate the time scale of halo formation and lag-time between halo and disk formation, as functions of galactocentric distance.

Prop. Type: GO　　　　Selection Cycle　: 87A

QUASARS _AGN　　-- (QUASAR ABSORPTION) --

2424-KP - "QUASAR ABSORPTION LINE SURVEY "

Keywords : SPECTROSCOPY QUASARS, ABSORPTION/EMISSION LINES, GALAXIES, HALOS/CLUSTERS/VOIDS, INTERGALACTIC MEDIUM

Proposers: John N. Bahcall (PI; Institute For Advanced Study, Princeton), J.Bergeron (Institute For Astrophysics, Paris; France), A.Boksenberg (Royal Greenwich Observatory; Uk), W.Sargent (Caltech), B.Savage (Wisconsin, University Of), D.Schneider (Institute For Advanced Study, Princeton), D.Turnshek (Stsci), R.Weymann (Mt Wilson _Las Campanas Observatories), A.Wolfe (Pittsburgh, University Of)

The establishment of a homogeneous data base of quasar absorption lines using the diagnostic survey proposed here will form the basis for an attack on fundamental cosmological and astrophysical problems: What are the physical, dynamical and evolutionary properties of the intergalactic medium? What is the strength, shape and origin of the UV background radiation? What limits can be set upon the primordial He/H and D/H ratios? What has been the chemical and dynamical evolution of gaseous galactic disks and halos? What physical processes govern the ionization of this gas? What physical processes govern the acceleration of thermal and relativistic plasma in radio quiet and radio loud quasars? How has gaseous structure in the universe evolved on scales of 1 Mpc to 100 Mpc? The discrimatory power of the survey and the efficient use of HST were the primary criteria used in constructing the survey, which takes account of all relevant GTO observations. Exposure times are based upon IUE archival data. Ground-based observations of all program objects will be made to monitor variability and to complement the HST observations. The survey contains a primary list of 103 quasars with 0.3 < Zem < 2.0, 18 additional bright quasars to be observed with the FOS to provide candidates for future HRS follow up, and a supplementary list of 49 fainter quasars for a damped Ly-alpha survey. A plausible extrapolation of ground-based data suggests that the primary survey will detect 275 Ly-alpha and 60 CIV systems.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (HOST GALAXIES) --

2425 - "WFC IMAGING OF A COMPLETE SAMPLE OF RADIO-LOUD QUASARS "

Keywords : QUASARS

Proposers: Donald P. Schneider (PI; Institute For Advanced Study, Princeton), J.Bahcall (Institute For Advanced Study, Princeton)

How does the morphology of the host galaxies around quasars depend upon the radio luminosity? Are the host galaxies unusually bright? Do they interact with companion galaxies? Observations with the WFC of the ten radio-loud quasars which constitute the complete sample considered in this proposal, together with the complimentary observations of the complete sample of eight radio-quiet quasars in GTO proposal 1015, will determine the dependence of host galaxy morphology on radio luminosity and will reveal properties of the host galaxy and its environment that cannot be obtained from ground based observations. The images will be taken with the filter F785LP; this band avoids the strong emission lines in the redshift range of interest (z~0.35) The effect of the quasar on the galaxy can be assessed by comparing the images requested in this proposal with the images obtained with the F702W filter for four of the radio-loud quasars in GTO proposal 1015. For these four quasars, F702W includes the strong O III HBeta emission lines.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (ASTROMETRY) --

2428- LT - "A CRITICAL TEST OF THE GALACTIC ESCAPE VELOCITY AT R(SUN) "

Keywords : GALACTIC ESCAPE VELOCITY, HIGH VELOCITY STARS, PARALLAXES, PROPER MOTIONS

Proposers: Darrell J. Macconnell (PI; Computer Sciences Corporation), W.Osborn (Central Michigan University)

We propose to measure the trigonometric parallaxes and proper motions of the three high-proper motion stars which Carney, Latham, and Laird (1988) identify as having the most extreme velocities known in the galactic rest frame. Using these stars, they conclude that the local value of the escape velocity, V(esc), is at least 500 k/s, and this leads them to draw other important conclusions regarding the distribution of mass in the galactic disk. However, their assigned distances, and hence the tangential velocities and V(esc) value, depend on uncertain photometric corrections and reddening estimates. The photometric distances they find are in the range 400-550 pc, so the parallaxes are expected to be of the order of 2 milliarcsec. If these distances are approximately correct, it will be possible to measure them at the 4-sigma level using an FGS on the HST if care is taken with the observations and reductions. It will be of great interest if the parallaxes turn out to be smaller than the estimates of Carney, et al., since this would lead to a higher value for the escape velocity and a larger mass for the galaxy. Alternatively, if the parallaxes are found to be considerably larger than they adopted, either V(esc) is considerably smaller than 500 k/s or these three stars are not the most appropriate for setting a limit on V(esc).

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS) --

2432 - "EXCEPTIONAL SOLAR-SYSTEM OBJECTS "

Keywords : ASTEROID, COMET, MINOR PLANET, ANOMALOUS OBJECT

Proposers: B. Zellner (PI; Computer Sciences Corporation), R.Brown (Stsci), E.Helin (Jet Propulsion Laboratory), C.Kowal (Computer Sciences Corporation), B.Marsden (Cfa), A.Milani (Pisa University; Italy), D.Pascu (Us Naval Observatory), P.Seidelmann (Us Naval Observatory)

This is a target-of-opportunity proposal for HST observations to be executed if a previously unknown, truly exceptional solar-system object or phenomenon is discovered either in the normal course of HST work or by anyone, anywhere. Trails due to unknown moving objects will often appear on HST images made for other purposes. A short trail seen near the opposition point or at high ecliptic latitude could represent a major addition to our knowledge of the solar system. Thus we further propose that all short trials seen on HST images taken in favorable regions of the sky be given a quick analysis in the Observation Support System for their possible significance. If an unusual object is found we propose to: (1) Seek from the owner of data rights permission to proceed as may be appropriate; (2) Contact the Minor Planet Center for an evaluation of the significance of the discovery; and (3) For an object that appears to be of great significance where effective groundbased followup appears unlikely, request the HST schedule be replanned for followup images and physical studies using HST.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN_SNR) --

2434 - "A STUDY OF THE CHEMICAL COMPOSITION AND VELOCITY STRUCTURE OF THE YOUNG SUPERNOVA REMNANT AD 1006"

Keywords : SUPERNOVA REMNANT, SUPERNOVA, NULEOSYNTHESIS, SUBDWARF

Proposers: Chi-Chao Wu (PI; Computer Sciences Corporation), R.Fesen (Colorado, University Of), A.Hamilton (Colorado, University Of), M.Leventhal (At_T Bell Labs), C.Sarazin (Virginia, University Of)

We propose to observe an sdOB star situated behind the young remnant of the type Ia SN 1006 in order to study the remnant's kinematic and chemical properties through absorption lines induced on the star's spectrum. Our exhaustive analysis of IUE data has firmly established that the star's UV spectrum exhibits broad FeII resonance line absorptions with radial velocity dispersions of approximately +/- 5000 km/s. Other broad, nonstellar features are tentatively identified as SII, SiII, SiIV, and OI resonance lines redshifted over the range 5200 to 6500 km/s. The UV absorption features provide a direct probe through this young SN Ia remnant, and thus a powerful test of theoretical SN models. However, the 17th mag star is at the limit of IUE capabilities, restricting detailed knowledge of the SNR's structure and composition. We propose FOS observations producing 10 to 20 better S/N and a 5-fold increase in resolution which will provide: 1) data on the density profile of the unshocked FeII core material, 2) a precise measurement of the reverse shock velocity, 3) insight into the nature of the O, Si and S 'knots', and 4) limits on the column density of enriched blueshifted ejecta.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES) --

2435 - "SPECTROPHOTOMETRY OF PHOBOS AND DEIMOS "

Keywords : PHOBOS, DEIMOS, PLANETARY SATELLITES, ASTEROIDS

Proposers: B. Zellner (PI; Computer Sciences Corporation), J.Bell (Hawaii, University Of), J.Caldwell (York University; Canada), J.Gradie (Hawaii, University Of), D.Tholen (Hawaii, University Of), P.Thomas (Cornell University), J.Veverka (Cornell University), E.Wells (Computer Sciences Corporation)

The satellites of Mars have been studied by the Mariner 9 and Viking missions, and will be minutely examined by the Phobos mission. The satellites are small, dark, and irregularly shaped, and are thought to resemble C-type mainbelt asteroids and some carbonaceous chondrites. Being the only such objects inspected by rendezvous spacecraft, they provide benchmarks for comparison of disk-integrated data with disk-resolved features, and thus are important in interpretation of astronomical data for many solar system objects. Also Phobos and Deimos have substantially different surface features, and promise substantial interpretive benefit by their variety. However groundbased observations that would allow direct comparisons with the asteroids are very difficult to obtain, and the connection with meteorites is uncertain because of limitations with reflectance data obtained from rendezvous spacecraft. Thus we propose spectrophometry of both satellites with HST.

Prop. Type: GO Selection Cycle : 87A

GALAXIES _CLUSTERS -- (NEARBY GALAXIES) --

2436 - "THE STARBURST GALAXY NGC 5102 "

Keywords : GALAXIES, STARBURST, LUMINOSITY FUNCTION, MASS FUNCTION

Proposers: Kenneth C Freeman (PI; Mt Stromlo _Siding Spring Observatories; Australia), C.Norman (Stsci), P.Quinn (Mt Stromlo _Siding Spring Observatories; Australia), N.Scoville (Caltech)

NGC 5102 is a nearby (4 Mpc) galaxy of classical S0 appearance which has undergone a recent starburst in its nucleus, bulge and disk. Because it is so close, it provides a unique opportunity to investigate the IMF of a typical starburst, the mass of starburst matter relative to the underlying older population, and the effect of the starburst on the largescale structure of this galaxy. PC images will be used to derive the luminosity function and IMF for the starburst matter in two regions of NGC 5102, at different distances from the nucleus. In the inner high surface brightness region, the crucial massive end of the mass function (stars more massive than 8 Ms) is accessible. In the outer disk, where the surface brighness is lower, we will be able to derive the mass function for stars more massive than 5 Ms. This proposal is part of a larger program on this important galaxy, involving extensive ground based optical and radio observations. The HST is required for its high spatial resolution, which enables faint stars of the starburst to be detected against the high background surface brightness of this galaxy.

Prop. Type: GO Selection Cycle : 87A

GALAXIES CLUSTERS -- (DISTANT GALAXIES) --

2438- LT - "A STUDY OF THE MOST DISTANT GALAXIES "

Keywords : FORMATION, EVOLUTION, AGN, RADIO GALAXY, MORPHOLOGY, RADIO

Proposers: George K. Miley (PI; Leiden University; Netherlands), K.Chambers (Johns Hopkins University), F.Macchetto (Stsci), W.Van Breugel (California, University Of, Berkeley)

We have recently developed the most efficient technique known for finding distant galaxies. In our sample of 33 4C sources, at least 8 are galaxies with $z < 2$, and 3 have $z > 3.7$ The galaxies emit bright narrow Lyman alpha which is extended, usually by several arcseconds. Their optical continua are also extended. These high-redshift objects show the striking alignment between their optical and radio emission that we (unexpectedly) found to be a general property of distant radio galaxies. Here we propose to study four $z > 2$ galaxies with the HST. Our program is directed towards imaging the galaxies in Lyman alpha and in the continuum with with the PC to obtain morphological information about the various components. Our distant radio galaxies are the only high-redshift objects that can be mapped in detail with the HST. This project will provide unique information about the properties of galaxies in the early universe, close to the epoch of their formation.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (OPEN CLUSTERS) --

2441 - "SEARCH FOR WOLF-RAYET STARS IN LOCAL GROUP GIANT HII REGIONS "

Keywords : WOLF-RAYET STARS - HII REGIONS - STELLAR POPULATION - IMAGERY

Proposers: Anthony Moffat (PI; Montreal, Universite De; Canada), L.Drissen (Montreal, Universite De; Canada), M.Shara (Stsci)

Wolf-Rayet (WR) stars represent a common, advanced evolutionary phase for the most massive stars. Their strong and broad emission lines (caused by high mass-loss rates) make them easily detectable, even in distant and crowded regions. Because of their high massive star content, Giant HII Regions (GHR) are priviledged sites to study extreme population I stars at their birthplace. We propose to take advantage of the high resolution provided by the HST and to use PC imagery with an interference filter centered on the prominent HeII 4686 emission line to detect and locate precisely WR stars in three key GHR of the Local Group (NGC 3603, NGC 604 and NGC 595) that cannot be completely resolved from the ground. The purpose of this project is mainly twofold: to check if WR stars in GHR are normal compared to WR stars in the field and to study how population ratios (WR/O and WC/WN) can be affected by the conditions inside GHR.

Prop. Type: GO   Selection Cycle : 87A

SOLAR SYSTEM -- (COMET) --

2442 - "COMETARY PARENT MOLECULES "

Keywords : COMETS, SPECTROSCOPY, ULTRAVIOLET

Proposers: Paul D. Feldman (PI; Johns Hopkins University), M.A'Hearn (Maryland, University Of), H.Weaver (Stsci)

We propose to use HRS observations of a suitable target-of-opportunity comet to study two outstanding problems related to the composition of the volatile component of the cometary nucleus. These problems concern two species, CO and S2, which have been observed in the cometary coma and identified as "parent" molecules sublimating directly from the nucleus. Both of these molecules have their principal fluorescent emissions in the vaccuum ultraviolet. The high spectral resolution will allow the determination of the rotational temperature of CO, which is diagnostic of the source temperature and the excitation mechanism of the observed emission. The determination of the abundance of both CO and S2 in the primarily water ice of the nucleus can serve to constrain current models of comet formation in the primordial solar nebula.

Prop. Type: GO   Selection Cycle : 87A

QUASARS _AGN -- (JETS) --

2443 - "ULTRA-HIGH RESOLUTION STUDIES OF AGN'S WITH THE FGS "

Keywords : AGN, RADIO GALAXY, QUASAR, JET

Proposers: Ethan J. Schreier (PI; Stsci), A.Fresneau (Strasbourg Observatory; France), G.Miley (Leiden University; Netherlands)

We wish to use the FGS to study the morphology of bright AGN's known to have radio structure on the scale of several milliarcseconds. Because their structures are linear, these objects are ideal for investigating the feasibility of using the HST FGS to attain ultra-high resolutions. We will also compare f/288 mode FOC observations to help model the larger scale structure and to compare deconvolution techniques. Several exciting problems concerning AGNs (and their jets) can be tackled uniquely by this experiment, including: the relation of optical continuum in AGNs to synchrotron jets; a search for superluminal jet expansion in the optical; and, spatial resolution of the broad-line region. Following detailed analysis of the observations proposed here, we would propose repeat observations of those source where structure is detected, in order to search for superluminal motion or other time variability.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (ERUPTIVE BINARIES) --

2446- LT - "TIME-RESOLVED SPECTROPHOTOMETRY OF ECLIPSING CATACLYSMIC VARIABLES "

Keywords : WHITE DWARF, ECLIPSING BINARY, INTERACTING BINARY, DWARF NOVA, ACCRETTION

Proposers: Keith Horne (PI; Stsci), T.Marsh (Stsci), J.Patterson (Columbia University), R.Polidan (Arizona, University Of), J.Raymond (Cfa), E.Robinson (Texas, University Of), A.Shafter (Texas, University Of), P.Szkody (Washington, University Of), R.Wade (Arizona, University Of), J.Wood (Texas, University Of), E.Zhang (Texas, University Of)

We will use the Faint Object Spectrograph to acquire time-resolved ultraviolet spectrophotometry of 8 eclipsing cataclysmic variables covering the full range of binary periods (1.5 to 8h) and accretion disk morphologies for these systems. Light-curve synthesis and maximum entropy mapping techniques will be used to interpret the eclipse data to determine the masses, radii and temperatures of the component stars, the physical conditions in the accretion disk and boundary layer between the accretion disk and its central white dwarf, and the rates of mass transfer. The ultraviolet spectra and ultraviolet eclipse light curves are crucial because they probe the hot inner regions of the accretion disk and the boundary layer between the accretion disk and the white dwarf. The results will test theories of the structure of accretion disks and theories of the structure and evolution of close binaries in the late stages of their evolution.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (LATE EVOLUTION) --

2450 - "UV-SPECTROSCOPY OF THE UNIQUE HOT RCRB STAR V348 SGR "

Keywords : STARS: CHEMICALLY PECULIAR STAR; SPECTRAL ANALYSIS 1.5

Proposers: K. Hunger (PI; Kiel University; Frg), R.Clegg (London, University College; Uk), J.Drilling (Louisiana State University), W.Hamann (Kiel University; Frg), U.Heber (Kiel University; Frg), A.Heck (Strasbourg Observatory; France), P.Hill (St Andrews, University Of; Uk), L.Houziaux (Liege University; Belgium), C.Jeffery (St Andrews, University Of; Uk), J.Kaufmann (Berlin Technical University; Frg), D.Kilkenny (South African Astronomical Observatory; S Africa), D.Klinglesmith (Nasa, Goddard), A.Lynas-Gray (Oxford, University Of; Uk), J.Manfroid (Liege University; Belgium), F.Nemry (Liege University; Belgium), D.Pollacco (St Andrews, University Of; Uk), N.Rao (Indian Institute Of Astrophysics; India), D.Schoenberner (Kiel University; Frg), H.Walker (Nasa, Ames)

V348 is a unique object: it is classified as i) the hottest known RCrB star (with Teff=20000K); ii) a very-late Wolf-Rayet type (WC10) central star of a planetary nebula; iii) a hydrogen-deficient star whose photospheric composition resembles those of extreme helium stars. This unusual combination opens the possibility to attack the following problems concerning late phases of stellar evolution: a) formation of planetaries with He-enriched central stars; b) formation of RCrB stars and extreme helium stars, c) mass loss processes and the RCrB phenomenon. In the present proposal, the following problems shall be addressed: i) position of V348 Sgr in the HR-diagram ii) chemical composition of the photosphere iii) mass-loss rate of V348 Sgr. The final aim is to determine the mass of the original H-rich shell and to derive the time when the nebular was expelled (onset of superwind).

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (JETS) --

2451 - "POLARIZATION MAPPING OF THE OPTICAL JET IN 3C273 "

Keywords : QUASAR, JET, IMAGING, POLARIZATION

Proposers: R. C. Thomson (PI; Institute Of Astronomy, Cambridge; Uk), M.Disney (University Of Wales, Cardiff; Uk), A.Wright (Csiro, Parkes; Australia)

3C273 is one of the nearest known quasars and has a (relatively) high surface brightness optical jet extending 25" from the nucleus. We expect that high resolution optical polarization maps will reveal much structure unresolved from the ground. These maps will be compared with computer simulations which include the magnetic field. Radio polarization maps of comparable resolution will be used to further define the physical state of the jet by providing depolarization and rotation measure maps. By such means it is hoped to identify the in situ acceleration mechanism powering the optical emission, and to set limits on the properties of the surrounding medium.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (RADIO GALAXIES) --

2456 - "PEN-NUCLEAR REGIONS OF RADIO GALAXIES "

Keywords : ACTIVE GALAXIES, RADIO GALAXIES, BROAD LINE EMISSION REGIONS, GALAXY MERGERS

Proposers: S. M. Simkin (PI; Michigan State University), E.Sadler (Anglo-Australian Observatory; Australia)

We have picked 3 of the nearest radio galaxies to observe with the HST PC. Recent ground-based observations show that these galaxies are excellent candidates to use as test cases for theories which describe the nuclear "feeding" process in active galaxies. Their proximity will allow the HST to resolve the inner 40 to 50 pc near their nuclei where the transition between the VLBI-Broad Line Emission region and the Narrow Line Emission region takes place. One of these objects, Pictor A,is THE closet BLRG known. We plan to follow up these imaging observations with high resolution spectroscopy during the second cycle of the HST program.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (GALACTIC CENTER) --

2459 - "THE CENTRAL STAR CLUSTER OF THE GALAXY "

Keywords : GALACTIC NUCLEUS, CENTRAL STAR CLUSTER, ACTIVE GALACTIC NUCLEI

Proposers: Kwok Y. Lo (PI; Illinois, University Of), J.Biretta (Cfa)

We propose to use the Planetary Camera on the HST to image the Galactic center at 0.1" (850 AU at 8.5 kpc) at 10326 and 8750 A. Recent observations have revealed a multitude of unusual phenomena at the center, suggesting that the Galactic center may be a low energy verion of an active galactic nucleus and may harbor a massive collapsed object. Unambiguous delineation of the central star cluster, which would provide an important constraint on the central mass distribution has been hampered by the inadequate angular resolution of ground-based observations. The HST observations will map directly the structure of the near-IR source, IRS16, which has been the focus of previous ground-based observations to define the central star cluster. The resolution and sensitivity of the proposed observations can also detect and resolve the individual K and M giant stars of the central star cluster, despite the large extinction to the center. Understanding the nearest galactic nucleus will be important for the interpretation of the more energetic active galactic nuclei.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (LOCAL MEDIUM) --

2461 - "INTERPLANETARY/INTERSTELLAR GAS CONNECTION: SEARCH FOR THE LOCAL CLOUD"

Keywords : INTERPLANETARY MEDIUM, HI CLOUD

Proposers: Rosine Lallement (PI; Cnrs, Department Of Aeronomy; France), J.Bertaux (Cnrs, Department Of Aeronomy; France), E.Chassefiere (Cnrs, Department Of Aeronomy; France), R.Ferlet (Institute For Astrophysics, Paris; France), A.Vidal-Madjar (Institute For Astrophysics, Paris; France)

We propose to use HST/HRS (R=10E5) in order to detect interstellar lines on some of the nearest stars: alpha Cen-A(1.3 pc), alpha CMa(2.7 pc), alpha Aql (5 pc), alpha Lyr (8.1 pc). Up to now, no optical lines have been detected towards those stars, except for alpha Aql (faint CaII, NaI absorptions). In the UV, lines can be found which are much stronger than in the visible, giving at high resolution the precise velocity and density structure of the nearby gas. The aim of this study is the determination of the characteristics of the parcel of ISM in which the sun is embedded (the "local" cloud): its heliocentric velocity vector (3 components), its temperature and state of ionization. Absorption lines to be observed are NI, OI,CI,SI,MgI,CII,FeII,SII,MgII,SiII, SIII,SiIII. These results will be compared to UV backscattered emissions of H and He in the solar system, which indicate V(H)=20 Km/s, T(H)=8000K, n(H)=.06at/cc and give precisely (within 3 degrees) the direction of the flow. If these characteristics are not compatible, it will bring constraints on the modifications of the neutral interstellar gas when penetrating the heliosphere. At present, nothing is known about the nature and the dimensions of the transition region between the interstellar and the solar plasma. HST/HRS will provide a unique opportunity to gather primary information on this interaction.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --

2472 - "INTERACTING BINARY STARS IN THE CORES OF GLOBULAR CLUSTERS "

Keywords : INTERACTING BINARY STARS; CATACLYSMIC VARIABLE BINARIES; MASSIVE DISK STARS; GLOBULAR CLUSTER CORES

Proposers: Michael Shara (PI; Stsci), F.Paresce (Stsci)

If Theorists' suggestions are correct, dozens of cataclysmic binaries (formed by tidal capture) and W UMa contact binaries, (and perhaps a few massive disk stars and/or 1 or 2 low-mass X-ray binaries) should be found in the inner few core radii of every globular cluster. These objects (if they exist) are the dominant dynamical energy sources and sinks of their host clusters. Testing the long-standing prediction of these objects' existence is crucial in advancing our understanding of the structures and evolution of globulars, and is the main thrust of this proposal. We will use the expected time variability and/or the extremely blue colors of these binaries, and the HST Faint Object Camera to: 1) demonstrate that these objects exist in globular cores, and 2) determine preliminary orbital period distributions, radial gradients in globulars, and luminosity functions. The high angular resolution and ultraviolet sensitivity of HST and the FOC are crucial to the success of this program. All three targets are in HST's continuous viewing zone, and thus the proposed observations make extremely efficient use (75%) of HST time.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (STELLAR ATMOSPHERES) --

2474 - "ABUNDANCES OF VERY HEAVY ELEMENTS IN THE EARLY GALAXY "

Keywords : CHEMICALLY PECULIAR STAR, NUCLEOSYNTHESIS, ABUNDANCE

Proposers: John J. Cowan (PI; Oklahoma, University Of), C.Sneden (Texas, University Of), J.Truran (Illinois, University Of)

We propose to search for spectral lines indicating the presence of the very heavy elements platinum, iridium and osmium in two very old, metal-poor halo stars, and to determine the elemental abundances. These lines, being weak and in the ultraviolet, have never before been detected in metal-poor stars. The abundances of these r-process nucleosynthesis products in halo stars will serve to provide important constraints both on the early history and chemical evolution of the Galaxy and, indirectly, on the age of the Galaxy and the universe.

Prop. Type: GO Selection Cycle : 87A

GALAXIES _CLUSTERS -- (PECULIAR/INTERACTING) --

2476 - "NGC1316 (FORNAX): A CASE STUDY FOR GALAXY MERGING AND NUCLEAR ACTIVITY"

Keywords : ELLIPTICAL GALAXY, NUCLEAR ACTIVITY, MERGERS, JETS, DUST-LANE, OPTICAL EMISSION

Proposers: W. B. Sparks (PI; Stsci), D.Carter (Royal Greenwich Observatory; Uk), F.Macchetto (Stsci), R.Smith (Durham University; Uk), A.Wilkinson (Manchester, University Of; Uk)

The nearby radio galaxy NGC1316 (Fornax A) offers the best opportunity for HST to utilize its unique capabilities in the investigation of several important astrophysical problems related to galaxy nuclear activity, merging and the nature and evolution of the interstellar medium, together with the interplay between these components. We wish to utilize the unique spatial resolution of HST to determine in NGC1316 the stellar and gaseous kinematics of the compact core region, to map the continuum light distribution of the inner few kpc, to map the spatial distribution of dust and its wavelength dependance of extinction, and to determine the distribution of emission line gas. This will reveal information on the structure of the galaxy particularly within the core, on whether gas is being fed directly onto the nucleus to fuel the activity, on the evolution of grain properties in hostile environments, on the detailed structure of shells within the galaxy, and on the emission line excitation mechanism for extended low excitation emission line gas. In addition we will be presented with a clear view of perhaps the nearest radio-jet/gas-cloud interaction.

Prop. Type: GO Selection Cycle : 87A

GALAXIES _CLUSTERS -- (GAS _DUST) --

2478 - "THE DISTRIBUTION OF GAS IN THE RADIO AND COOLING FLOW GALAXY NGC4696 "

Keywords : GALAXIES: ELLIPTICAL GALAXY, NUCLEAR ACTIVITY, COOLING FLOW, DUST-LANE, OPTICAL EMISSION

Proposers: W. B. Sparks (PI; Stsci), F.Macchetto (Stsci)

Planetary Camera images in V,R, and Ha + [NII] of the nuclear regions of NGC4696 - the radio galaxy at the center of the Cenaturus Cluster and prime cooling flow candidate - will enable us to determine the topology and geometry of emission-line gas clouds and of the dust lane. This will give vital information on densities, filling factors and the properties of the dust, to assess whether the filaments arise fro thermally unstable cooling condensations or from infall. The data will complement GTO FOC images in the blue and existing ground V,R, and Ha + [NII] data.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (COMET) --

2481 - "HST OBSERVATIONS OF PERIODIC COMETS "

Keywords : COMET

Proposers: Harold A. Weaver (PI; Stsci), M.A'Hearn (Maryland, University Of), C.Arpigny (Liege University; Belgium), P.Feldman (Johns Hopkins University)

The volatile composition of comets is a key diagnostic of cometary formation enviroments. The trace molecular composition of cometary nuclei, in particular, can be used to infer the physical and chemical state of the solar nebula or of the interstellar cloud from which the nebula condensed. Measuring these molecular abundances is extremely difficult due to the intrinsic weakness of the emissions from the trace species and can normally be attempted only on exceptionally bright comets. The advent of HST extends the feasibility of observing trace molecules to relatively faint, periodic comets. Thus, the compositions of "new" and "old" comets can be compared systematically. We propose using the FOS to obtain the volatile inventory in the brightest periodic comet appearing during the first HST GO cycle. Current the best candidate appears to be Comet Hartley-2 which reaches perihelion during September 1991. Simultaneous UV and visible spectra will be used to measure the abundances of the important carbon-, nitrogen-, and sulfur-bearing species in the nucleus. The geometry of Hartley-2's apparition is particularly favorable making it an excellent candidate for HST observations.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (COMET) --

2483 - "THE VOLATILE COMPOSITION OF NEW COMETS "

Keywords : COMET

Proposers: Harold A. Weaver (PI; Stsci), M.A'Hearn (Maryland, University Of), C.Arpigny (Liege University; Belgium), P.Feldman (Johns Hopkins University)

The volatile composition of a comet is a sensitive indicator of its formation environment. In particular, the relative abundances of trace molecules in cometary nuclei can be used to infer the physical and chemical state of either the solar nebula or the interstellar cloud from which the nebula condensed. We propose using the FOS to obtain the volatile inventory in a bright, new comet that appears during the first GO cycle. Simultaneous UV and visible spectra will be used to measure the abundances of the important carbon-, nitrogen-, and sulfur-bearing species in the nucleus (e.g., CO, CH4, CO2, NH3, N2, HCN , CS2, S2). Serendipitously our program will also provide sensitive observations of any possible new cometary species, including a variety of diatomic molecules (e.g, SO, NO, SH, H2). By using a pair of FOS apertures, information will be obtained on the spatial brightness distribution of the species allowing discrimination between molecules that are present as ice in the nucleus and those that are produced by the destruction of more complex molecules in the nucleus (e.g., from the breakup of organic molecules which coat cometary grains).

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (EARLY EVOLUTION) --

2485- LT - "SLEUTHING THE DYNAMO "

Keywords : OPEN CLUSTER, DWARF, MS STAR, CHROMOSPHERE, CORONA

Proposers: Thomas R Ayres (PI; Colorado, University Of), S.Antiochos (Us Naval Research Laboratory), G.Basri (California, University Of, Berkeley), J.Bookbinder (Cfa), A.Brown (Colorado, University Of), G.Doschek (Us Naval Research Laboratory), J.Linsky (Colorado, University Of), L.Ramsey (Penn State University), T.Simon (Hawaii, University Of), J.Stauffer (Nasa, Ames), R.Stern (Lockheed Palo Alto Research Labs), F.Walter (New York, State University Of (Stony Brook))

Innovative technologies in the 1990s will open new windows to the interior of the Sun and its hidden dynamics: the GONG project for helioseismology; rare-earth detectors for solar neutrinos; and SOLAR PROBE for high-order moments of the mass distribution. At the same time, newly-commissioned space observatories will provide unprecedented views of the vacuum- UV and X-ray emissions of stars in our Galactic neighborhood. These seemingly unrelated developments are in fact deeply connected. A central issue of solar-stellar physics is the nature and origin of magnetic activity: the profound link between the interior dynamics of a late-type star and the violent state of its outermost coronal (>106 K) layers. As solar physicists are unlocking the secrets of the hydromag- netic dynamo deep inside the Sun, we will apply one of the powerful new astronomical tools of the 1990s -- the HST -- to document the early evolution of the dynamo and its assoc- iated external gas-dynamic activity. In particular, we will obtain high-S/N FUV spectra of young solar-type stars in open clusters ranging in age from 1/100-th to 1/10-th the Sun.

Prop. Type: GO Selection Cycle : 87A

QUASARS AND AGNS -- (JETS) --

2488- LT - "THE NATURE OF EXTRAGALACTIC SYNCHROTRON JETS "

Keywords : AGN, RADIO GALAXY, QUASAR, MORPHOLOGY, KINEMATICS RADIO

Proposers: George K Miley (PI; Leiden University; Netherlands), R.Blanford (California Institute Of Technology), A.Bridle (National Radio Astronomy Observatory), H.Butcher (Kapteyn Observatory; Netherlands), T.Heckman (University Of Maryland), F.Macchetto (Space Telescope Science Institute), R.Schilizzi (Radiosterrewacht Dwingeloo; Netherlands), W.Van Breugel (University Of California, Berkeley), A.Wilson (University Of Maryland)

The HST should realize a dramatic breakthrough in our understanding of synchrotron jets and their palce in AGNs for the following reasons: the sizes of radio-jet knots and those of the gaseous nuclei through which these jets propagate, are optimally matched to the spatial resolution of the HST. Hence, for the first time, the Space Telescope will allow a large number of jets to be detected in the optical. Optical line and continuum observations provide a powerful and unique battery of diagnostics for probing jets and their environment, particularly when combined with radio continuum measurements. Here we outline a strategy designed to exploit the HST optimally for these studies. This incorporates: (i) Continuum imaging to investigate particle acceleration mechanisms, pinpoint their locations and constrain the processes by which energy in jets is made visible. (ii) Line imaging and split spectroscopy to probe the morphology, kinematics and physical conditions of the gas through which the jets are propagating and with which they are interacting.

Prop. Type: GO   Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (CIRCUMSTELLAR MATTER) --
2490 - "HIGH RESOLUTION OBSERVATIONS OF SYMBIOTIC NOVAE "
Keywords : BIPOLAR NEBULAE, OLD NOVAE, DUST, JETS, SYMBIOTIC STARS
Proposers: Robert E. Stencel (PI; Colorado, University Of), E.Brugel (Colorado, University Of), M.Friedjung (Institute For Astrophysics, Paris; France), S.Kenyon (Cfa, Cambridge Mass.), S.Kwok (Calgary, University Of; Canada), J.Mikolajewska (Nicolaus Copernicus University, Torun; Poland), H.Nussbaumer (Zurich Astronomy Institute; Switzerland), F.Paresce (Stsci), R.Viotti (Space Astrophysics Institute, Frascati; Italy)

The aim of this project is to study the nature of selected symbiotic variables characterized by nova explosions: AG Peg, V1016 Cyg, and R Aqr. Radio and optical observations provide evidence of small, asymmetric nebulae, probably associated with recent outbursts. The unique FOC capabilities will be used for high spatial resolution long-slit spectrophotometry to determine the electron density and temperature, chemical composition, and the velocity field in the different regions of the envelopes of these interacting binaries.

Prop. Type: GO   Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --
2492 - "CONDUCTIVE INTERFACES IN STELLAR WIND BUBBLES "
Keywords : WIND, NEBULA, TEMPERATURE, DENSITY
Proposers: Richard Mccray (PI; Colorado, University Of), M.Bergoffen (Colorado, University Of), Y.Chu (Illinois, University Of), M.Mac Low (Ames Research Center, Nasa), J.Slavin (Wisconsin, University Of), D.Van Buren (Stsci)

We propose to observe the conductive interfaces of the stellar wind bubbles in the Rosette Nebula and Sharpless 308. These observations will allow us to understand the physics of conductive interfaces. Evaporationin these structures determines both the dynamics of stellar wind bubbles, and the overall mass and energy balance of the interstellar medium. We have chosen nearby bubbles with hot stars within them. Wewill observe the absorption lines of the ions N V, Si IV, and C IV that occurat the temperatures found in conductive interfaces. We will model the resulting lines with an existing non-equilibrium model of an interface including saturated conduction. This will yield the strength of the evaporation in the interface.

Prop. Type: GO   Selection Cycle : 87A

QUASARS _AGN -- (JETS) --

2493 - "IMAGING AND SPECTROSCOPY OF MARKARIAN 78 "

Keywords : SEYFERT GALAXY, EMISSION LINES, JETS, DYNAMICS

Proposers: D. Mark Whittle (PI; Virginia, University Of), A.Wilson (Maryland, University Of)

We aim to study the interaction between jets and the interstellar medium in the central few kpc of the Seyfert galaxy Markarian 78. In a recent long-slit survey of Seyfert galaxies, MKN 78 was identified as the outstanding example in which [OIII] lambda5007 profile structure clearly reveals the interaction between radio jets and the interstellar medium. Even in this optimum case, however, the important structures are within a few arcsec of the nucleus, and HST resolution is needed to trace the interaction in detail. We shall take a narrow band [OIII] image with the PC and 3 parallel long-slit FOC spectra, chosen to intercept the fine scale radio structure revealed by a new 2 cm VLA radio map (0."1 resolution). These observations will allow us to define the velocity and intensity distributions of the emission components over the nuclear regions. We shall be able to test two current models: acceleration and compression behind the lobe bow shock and entrainment along the length of the jet. In addition, we shall answer many other questions about the nature of the jet interaction (see main case for support).

Prop. Type: GO   Selection Cycle : 87A

STELLAR POPULATIONS -- (OLD FIELD STARS) --

2495 - "THE AGE(S) OF THE SCULPTOR DWARF SPHEROIDAL GALAXY "

Keywords : DWARF SPHEROIDAL GALAXY, LUMINOSITY FUNCTION, STELLAR POPULATION

Proposers: Gary S. Da Costa (PI; Yale University), P.Seitzer (Stsci)

PC imaging of two fields near the center of the Sculptor dwarf spheroidal galaxy will be used to construct c-m diagrams and luminosity functions that reach more than two magnitudes fainter than the turnoff expected for the oldest possible stars in this system. With these data we will investigate the mean age, and the age range of the stellar population of this dwarf galaxy. Knowledge of these quantities is a prerequisite for understanding the evolutionary history of this galaxy in particular, and of galaxies of this class in general. The HST is required for its faint limiting magnitude capability, which enables stars well below the turnoff to be detected, and for its high resolution capability that will allow such stars to be accurately measured.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --

2497 - "THE GLOBULAR CLUSTER SYSTEM IN THE FORNAX DWARF SPHEROIDAL GALAXY: PHYSICAL PARAMETERS AND CHRONOLOGY"

Keywords : GLOBULAR CLUSTERS, DWARF GALAXY, POPULATION II

Proposers: Robert J. Zinn (PI; Yale University), R.Buonanno (Rome, University Of; Italy), C.Cacciari (Bologna, University Of; Italy), C.Cacciari (Bologna, University Of; Italy), G.Clementi (Bologna, University Of; Italy), C.Corsi (Rome, University Of; Italy), E.Hardy (Laval University; Canada), F.Pecci (Bologna, University Of; Italy), N.Suntzeff (Ctio, Noao)

Observations with the PC will be used to construct color-magnitude diagrams of the five globular clusters in the Fornax Dwarf spheroidal galaxy. The HST is required because only it has the resolution and faint limiting magnitude that will allow us to do precise photometry to main sequence turnoff in the central areas of these clusters, where cluster stars greatly outnumber field stars. From the c-m diagrams, we will determine(i)the mean magnitudes of the horizontal branches (HB)of the clusters,(ii)the morphologies of their HB's,(iii)the ratios of their numbers of red giant and horizontal branch stars and (iv)the ages of the clusters. Measurement (i) will indicate how the luminosity of the HB in globular clusters varies with metal abundance; hence it will have a major impact on the Population II distance scale and the dating of globular clusters in the Milky Way. (ii), (iii), and (iv) will indicate if the Fornax clusters are similar to the globular clusters of the Milky Way in terms of HB morphology as a function of metallicity, the abundance of helium, and age. This information will im- prove our understanding of the evolution of Fornax and will indicate if the properties of its clusters are consistent with the idea that the halo of the Milky Way formed out of the destruction of many Fornax-like dwarf galaxies.

Prop. Type: GO Selection Cycle : 87A

QUASARS AND AGNS -- (SEYFERTS) --

2498 - "THE NARROW AND VARIABLE EMISSION LINES IN NGC 4151 "

Keywords : SEYFERT, JET, SPECTRA

Proposers: Marie-Helene Ulrich (PI; European Southern Observatory; Frg), A.Altamore (Instituto Astronomico Dell'Universita, Rome; Italy), A.Boksenberg (Royal Greenwich Observatory, Hailsham; Uk), G.Bromage (Rutherford And Appleton Laboratory, Chilton; Uk), J.Clavel (Esa Iue Observatory, Madrid; Spain), A.Elvius (Stockholm Observatory; Sweden), R.Fosbury (St-Ecf; Frg), M.Penston (Royal Greenwich Observatory, Cambridge; Uk), G.Perola (Instituto Astronomico Dell'Universita, Rome; Italy), M.Pettini (Anglo Australian Observatory; Australia), M.Snijders (Astronomisches Institut Tuebingen; Frg)

Two narrow emission lines at 1518A and 1594A respectively (hereafter called

L1 and L2) with intensities varying on time scales of day(s) have been found in the UV spectrum of NGC 4151. These lines are too narrow to be emitted by the entire broad line region. Therefore, regardless of their identifications, they must come from localized regions with a special excitation mechanism, possibly a two-sided jet. We propose to observe the structure of L1 and L2 with a resolution of 15-30 km/s and to study its variations on a time scale of 2 days by taking a ~ 1 hour spectrum of L1 (G140M) and a ~ 1 hour spectrum of L2 (G160M) and to repeat these 2 spectra 2 days later. We propose to complement these high resolution spectra with 2 ten minute spectra with G140L to measure the continuum and the entire profile of the CIV line. Similar low resolution spectra taken 2 and 4 days before and after the high resolution observations will provide information on the time delay between the intensity variations of L1 and L2.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (GRAVITATIONAL LENSES) --

2502- CT - "GRAVITATIONAL MICROLENSING "

Keywords : QUASAR, PHOTOMETRY

Proposers: Sjur Refsdal (PI; Hamburg Observatory; Frg), P.Crane (European Southern Observatory; Frg)

Images of QSO 2237+0305 will be compared to look for variations in the luminosity ratios of the components. Such variations would be an observational proof of microlensing. Variations of about 0.05 mag/year are expected in two of the images if the quasar radius is 0.1 l.y. or less. HST spatial resolution is required to allow the precise comparison of the QSO components of the lensed system.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY BINARIES) --

2513 - "THE UV ORBITAL LIGHT CURVE OF THE X-RAY BINARY X1822-371 "

Keywords : STARS: INTERACTING BINARY, ECLIPSING BINARY, X-RAY STAR- SURFACE PHENOMENON: ACCRETION

Proposers: K. O. Mason (PI; London, University College; Uk), P.Charles (Royal Greenwich Observatory; Uk), F.Cordova (Pennsylvania State University), S.Ilovaisky (France Observatory; France), J.Thorstensen (Dartmouth College), J.Van Paradijs (Amsterdam University; Netherlands)

We are proposing to obtain the first far-UV orbital light curve of an eclipsing low-mass x-ray binary by making FOS observations of the 15th. magnitude system x1822-371. The shape of the UV light curve will be used to determine the geometry of the hottest, X-ray illuminated parts of the accretion disk in the system and will provide information that is crucial to determing whether the disk in this X-ray binary system has a thick, structured rim as presently believed. The FOS data will also permit us to construct light curves of the flux in the high excitation UV emission lines such as CIV 1549A allowing us to determine where they are formed in the system and investigate how they are excited. This will be the first detailed study of UV emission from a member of this important class of X-ray binary, and can only be done with HST.

Prop. Type: GO Selection Cycle : 87A

QUASARS AGN -- (QUASAR EMISSION) --

2524 - "SPECTROPOLARIMETRY OF BRIGHT QUASARS "

Keywords : QUASAR, CONTINUUM, RADIATION

Proposers: Chris Impey (PI; Arizona, University Of), M.Malkan (California, University Of, Los Angeles)

We request 5.5 hours with the FOS to obtain the first ultraviolet polarimetry of the five bright quasars. They have been specifically selected from a large optical polarimetric survey; their measured U,B,V,R and I colors and polarizations indicate the absence of contaminating starlight,dust or blazar components. These observations will be combined with quasi-simultaneous ground based polarimetry and spectrophotometry, to double the spectral coverage into the critical UV region. These data will be analyzed with multiwavelength fitting techniques. Several emission mechanisms contribute to the optical- ultraviolet continuum in quasars, including a power law of slope ~ 1(Sv proportional to v -1), an optically thick thermal component which peaks in the ultraviolet, and occasionally a highly polarized and variable synchroton power law. The combined UV and optical spectropolarimetry will determine, for the first time, the polarization of these individual components, including that of the strong ultraviolet excess. We will check to see if the observed polarization can be fully explained by a synchrotron component or external scatterers (electrons or dust). If, however, the observed rise of polarization into the blue is attributable to an accretion disk with an electron scattering atmosphere, we will infer its optical thickness, shape and orientation. Thus HST spectropolarimetry provides a unique test of the physical emission mechanisms which produce the energy of quasars.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (NEUTRON STARS) --

2525 - "SEARCHING FOR THE GEMINGA (1E 0630+178) COUNTERPART WITH MULTI-COLOUR PHOTOMETRY"

Keywords : GEMINGA-IDENTIFICATION-X/GAMMA RAY SOURCES-NETRON STAR

Proposers: Giovanni F. Bignami (PI; Cnr, Institute Of Cosmic Physics; Italy), P.Caraveo (Cnr, Institute Of Cosmic Physics; Italy), S.Mereghetti (Cnr, Institute Of Cosmic Physics; Italy)

The optical identification of 1E0630+178 is a long-standing puzzle for which the resources of ground-based astronomy have definitely been exhausted. The importance of understanding the nature of this object lies not only with the X-ray source, in itself unique, but also because it is most likely associated with the high-energy gamma-ray source Geminga, With a gamma-ray/X-ray flux ratio of about 1,000, and the same again (or more) X-ray/optical, the source is very likely to be associated with a compact object, probably a neutron star, as suggested also by the reported X-ray periodicity. The ST with multi colour photometry by the FOC can clearly help investigate the best optical candidate found so far (mb=26.5), and also look for others.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS) --

2530 - "HIGH RESOLUTION MAPPING OF THE UV ALBEDO AND CH4 DISTRIBUTION ON PLUTO"

Keywords : PLUTO,PLANET,SOLAR SYSTEM.

Proposers: Alan Stern (PI; Colorado, University Of), M.Buie (Stsci), L.Trafton (Texas, University Of)

Pluto's surface has never been resolved. The purpose of this proposal is to map Pluto's albedo distribution at the highest possible resolution in several key UV and visible filter bandpasses, including methane. The scientific objectives are to study (a) the distribution of light and dark areas. (b)the distribution of surface frosts. The objectives have not been previously addressable and are essential to understanding the surface morphology , atmospheric volatile transport and the root cause of Pluto's atmosphere (Elliot,el al. 1988). Owing to Pluto's elliptic orbit, we expect the distribution of methane frosts to substantially change (on a years-decade timescale) as Pluto draws away from perihelion, beginning in 1989. The proposed observations will permit HST to begin tracking this phenomenon essentially at its start. The UV imaging capabilities of the FOC give ~ 30 degree longitudinal resolution on Pluto, depending upon the in-flight point spread function and scattered light performance. PC images in the methane absorption band at 8900A and the adjacent continuum, while of lower resolution (45 degrees), will be suitable to correlate albedo spots with methane distribution. No astronomical instrument other than HST has sufficient spatial resolution to make such maps. The GTO imaging proposals for Pluto do not address our scientific objectives because they neither obtain maximum resolution globality

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Prop. Type: GO Selection Cycle : 87A

STELAR POPULATIONS -- (GALACTIC CENTER) --

2534- LT - "HIGH RESOLUTION IMAGING OF THE GALACTIC CENTER AT 1 MICRON "

Keywords : GALACTIC STRUCTURE: NUCLEUS

Proposers: Eric E. Becklin (PI; Ucla), J.Henry (Hawaii, University Of), D.Simons (Hawaii, University Of)

We propose to acquire a deep 1 micron image of the Galactic center using the PC configuration of the HST. With such an image, it will be possible to resolve structure on a scale of about 1000 AU at the Galactic center, thereby providing valuable morphological information about the complex IRS

16 region. The acquired data will also provide intrinsic color information about stars in the Galactic center and establish an astrometric base that can be used in the future to measure the proper motions of the stars in and around IRS 16.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (LOCAL MEDIUM) --

2536 - "DEUTERIUM IN THE LOCAL INTERSTELLAR GAS "

Keywords : INTERSTELLAR DEUTERIUM ABUNDANCE; LOCAL INTERSTELLAR MEDIUM

Proposers: Alfred Vidal-Madjar (PI; Institute For Astrophysics, Paris; France), R.Ferlet (Institute For Astrophysics, Paris; France), R.Lallement (Cnrs, Department Of Aeronomy; France)

Evaluation of the primordial deuterium abundance is one of the few crucial observational constraint one may be able to place on cosmological models. Several approaches were attempted, but none up to now has produced a clear-cut answer. Even the best available estimations, completed in the interstellar medium through the Lyman lines of HI and DI, lead to evidences of variations up to a factor of four. In the local interstellar medium, fluctuations seem to exist over scales of few parsecs. It is of prime importance to check the existence of these local variations and eventually understand their causes. HST with HRS is best adapted to perform this analysis started with Copernicus and the IUE. In particular, its high sensitivity allows to use also white dwarfs as target stars at the Lambda/Delta Lambda = 105 resolution. These observations will dramatically improve the previous error bars because: 1)the stellar continuum is well known, 2)the detailed line of sight structure is observable; 3)the HI content in each individual component is accessible. Furthermore, from an extensive high resolution ground-based survey we have completed toward nearby stars, we pointed out the presence of several local velocity components. In consequence, we have eliminated regions in the sky where only averaged cloud properties are accessible-we are looking for local fluctuations-and selected regions where confusion is minimized. The expected refined evaluation of the deuterium

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Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (LOCAL MEDIUM) --

2537 - "PHYSICAL CONDITIONS OF INTERSTELLAR GAS WITHIN 50 PARSECS "

Keywords : PHYSICS OF THE INTERSTELLAR MEDIUM, LOCAL INTERSTELLAR MEDIUM

Proposers: Roger Ferlet (PI; Institute For Astrophysics, Paris; France), J.Ballet (Atomic Energy Commission, France; France), R.Lallement (Cnrs, Department Of Aeronomy; France), A.Vidal-Madjar (Institute For Astrophysics, Paris; France)

Models of the diffuse interstellar medium still lack definite observational proofs, in particular on small scale lengths (<10pc). They predict interfaces between cold dense clouds and a hot "coronal" very tenuous widely spread phase. These interfaces need to be directly obseved and studied because they offer a unique chance to understand the role of shocks, the nature of the evaporation zones, the grain destruction, the extent of the warm gas phase. All these problems can only tackled in details in the very local interstellar medium where the low column-densities of individual absorption regions are not hidden and can be well enough located. From ground-based studies, we have pointed out a new image of the nearby instellar medium. At least four velocity components are present within 20 pc. For two of them, we were able to delineate approximate frontiers toward which it is very promissing to search for interfaces. Furthermore, we found some evidence for a temperature structure within one of these components, providing therefore a prime target. Since visual observations do not offer adequate diagnostic lines and available UV data do not have the needed spectral resolution, we propose to perform with HRS a much more complete physical study of the cold and warm local gas. The selected diagnostic lines are those of NI,AlII, FeII, MnII, MgI, OI and CIV, to be observed toward nearby stars in directions where confusion betwee

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Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --

2541 - "UV PHOTOMETRIC STUDIES OF NEPTUNE "

Keywords : PLANET NEPTUNE, PHOTOMETRY, UV

Proposers: Wayne R. Pryor (PI; Colorado, University Of), C.Hord (Colorado, University Of), R.West (Jet Propulsion Laboratory)

We propose to use the HST FOC to obtain images of Neptune in 5 filters from 2100-3100A. These observations complement observations to be made by the Voyager 2 Photopolarimeter experiment which will make photopolarimetry measurements of Neptune at 2650A in August, 1989 at a variety of phase angles. FOC observations are preferred over WFPC because of higher spatial resolution, and the presence of 5 medium bandpass filters in this wavelength range where WFPC has only 2 wide bandpass filters. Each filter samples a different level in the atmosphere, providing vertical information. The combined data sets will provide constraints on the physical structure, location and identity of Neptune's stratospheric aerosols. Only HST can provide the high-resolution images needed to better understand the optical properties of Neptune's aerosol layers at many latitudes throughout the nearuv.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES) --

2542 - "THE CHEMICAL COMPOSITION AND PHYSICAL STATE OF IO SURFACE MATERIALS "

Keywords : SATELLIE IO, SATELLITE CALLISTO

Proposers: Robert M. Nelson (PI; Jet Propulsion Laboratory), B.Buratti (Jet Propulsion Laboratory), A.Lane (Jet Propulsion Laboratory), D.Matson (Jet Propulsion Laboratory)

We propose to determine the spectral geometric albedo of Jupiter's satellite, Io at 1A resolution in the spectral range 2000-3000A. The result of this research will form an important means of determining the physical state of the sulfur dioxide which has been previously identified to be present in the gaseous phase over Io's hot spots and in the solid state on its surface. It will also be able to better define the spatial distribution of the Io's solid phase sulfur dioxide on Io's surface.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (OLD FIELD STARS) --

2543 - "AGES, AGE SPREADS, BINARIES, AND DARK MATTER IN DWARF SPHEROIDALS "

Keywords : DWARF GALAXIES, PHOTOMETRY, POPULATION II

Proposers: Edward Olszewski (PI; Arizona, University Of), P.Hodge (Washington, University Of), M.Mateo (Mt Wilson _Las Campanas Observatories), R.Schommer (Rutgers University)

We wish to use the Wide Field Camera to make a deep color-magnitude diagram of the Ursa Minor dwarf spheroidal galaxy, and the Planetary Camera to make similar observations of the Leo I and Leo II dwarf spheroidals. HST is needed because our scientific results cannot be achieved unless photometry is obtained to ~V=27, substantially fainter than excellent stellar photometry can be done from the ground. The color-magnitude diagrams and luminosity functions that will be constructed will allow us to answer questions that our ground-based data have posed: the ages of the youngest and oldest significant populations in each galaxy; continuity or bursting of star formation; metal abundance spreads; the reason for the multitude of anomalous cepheids in Leo I; the stellar content of the "clustering" in the Ursa Minor; the potential presence of a substantial binary star population Ursa Minor; and tests for the cause of the large mass-to-light ratio in Ursa Minor.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (INNER PLANETS) --

2544 - "NIGHTTIME MEASUREMENTS OF NITRIC OXIDE "

Keywords : OCCULTATION, NITRIC OXIDE

Proposers: Cassandra G. Fesen (PI; Dartmouth College), C.Barth (Colorado, University Of), J.Brandt (Colorado, University Of), R.Roble (Ncar)

We propose to make the first nighttime measurements of nitric oxide (NO) in the earth's lower thermosphere and mesosphere. Nitric oxide is an important constituent of the earth's upper atmosphere but has been poorly observed. The GHRS on the HST provides an extremely simple and efficient way to measure UV absorption bands of NO using B and/or O target stars acquired by the GHRS for other GO/GTO investigations. Several minutes before the target is occulted by the earth, we request a change of grating to obtain NO altitude profiles. The only time requested for this project is the last few minutes before earth occultation, a period when the instrument would normally be idle. Atmospheric models have demonstrated that NO in the 80-120 km region is quite sensitive to vertical transport, especially at night. The transport is typically parametrized by the eddy diffusion coefficient which is poorly known. The unique HST measurements would test and refine our knowledge of the earth's upper atmospheric diffusion processes.

Prop. Type: GO Selection Cycle : 87A

GALAXIES_CLUSTERS -- (DISTANCE SCALE) --

2547 - "CALIBRATION OF SUPERNOVAE OF TYPE I AS STANDARD CANDLES "

Keywords : TYPE I SUPERNOVAE-CEPHEIDS-HUBBLE CONSTANT

Proposers: A. Sandage (PI; Carnegie Institution Of Washington), F.Macchetto (Stsci), N.Panagia (Stsci), G.Tammann (Basel, University Of; Switzerland)

We propose to determine Cepheid distances to four nearby, highly resolved, late type galaxies, which have produced type I supernovae (SNeI). The purpose is to determine how good such SNe are as standard candles in the V band. The distances to these nearby galaxies and the galaxy groups of which they are members will also be directly important in mapping the very local Hubble expansion field. We propose to determine the corrected distances using observations of a selected field in each of the four program galaxies in the V, as well as in the R and I bands, so as to determine the internal absorption of each Cepheid by Freedman's method. Optimized periods and accurate mean magnitude determinations of the Cepheids are the main requirements. Color-magnitude diagrams of the brightest resolved stars will also be obtained and will improve our knowledge of this secondary calibrator. The ultimate purpose is to calibrate the SNeI, freed of absorption effects, for the determination of Ho. We do not propose to begin again the many steps required for the fundamental calibration of the P-L relation.Our more restricted program, which is a necessary complement to the more extensive Key "Hubble Constant" Project is complete within itself for the stated purpose, and will provide an independent

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Prop. Type: GO Selection Cycle : 87A

QUASARS AGN -- (QUASAR ABSORPTION) --

2553- LT - "THE ABSORPTION CROSS-SECTIONS OF NEARBY GALAXIES "

Keywords : NEARBY GALAXIES, ABSORPTION CROSS-SECTIONS, INTERSTELLAR MEDIUM, ABSORPTION LINES, HALOS, DISKS, QSOS

Proposers: John C Blades (PI; Space Telescope Science Institute), M.Penston (Royal Greenwich Observatory; Uk), M.Pettini (Anglo-Australian Observatory; Australia)

Absorption redshift systems found in the spectra of QSOs with Zabs<Zem are generally thought to arise in intervening galaxies. They can provide unique information on the physical conditions and distribution of galaxies at earlier epochs which otherwise are difficult to study. Yet, we have little knowledge of the nature and extent of absorbing gas in external systems via direct observations of QSOs shining through intervening galaxies. In this proposal we seek HST time to carry out a statistical determination of the sizes of halos of nearby galaxies to an equivalent width limit of 35 mA in C IV and 70 mA in MgII absorption, for direct comparisons with estimates established from high-redshift QSO systems. For this purpose, we have assembled samples of background QSOs close to low-redshift galaxies for both CIV and MgII. In many cases, these GSO-galaxy pairs were found by ourselves either through searching UK Schmidt objective prism plates or literature surveys.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --

2555 - "CATACLYSMIC VARIABLES AND MILLISECOND PULSARS IN GLOBULAR CLUSTER CUSPS"

Keywords : GLOBULAR CLUSTER, CORE COLLAPSE, STELLAR EVOLUTION, CATACLYSMIC VARIABLE, X-RAY BINARY, WHITE DWARF, NEUTRON STAR, MILLISECOND PULSA

Proposers: Jonathan E. Grindlay (PI; Cfa), C.Bailyn (Cfa), H.Cohn (Indiana University), P.Lugger (Indiana University)

We propose to use the PC to obtain H-alpha and comparison wide band red images of the nearby globular cluster NGC6752 which appears to be in an advanced stage of dynamical evolution. We will use these data for a color map analysis (Bailyn et al. 1988) and DAOPHOT crowded field photometry, in order to:(1) search for H-alpha emission objects including cataclysmic variables and nebulae surrounding millisecond pulsars (MSPs) and planetary nebulae, (2) search for diffuse H-alpha emission from a centrally concentrated population of the former two types of objects, and (3) study the radial distribution of H-alpha absorption line objects including faint blue horizontal branch stars (FBHBs). The central goal of our study is to test predictions of models for cluster dynamical evolution that predict the production of a substantial population of compact binaries due to a high rate of close stellar encounters in dense collapsed cluster cores. Our choice of one of the closest clusters that show evidence of having undergone core collapse enhances the likelihood that the emission line objects expected from stellar encounters can be directly detected and resolved. Our search is distinctly different from, and more sensitive than, compact binary searches being planned by several GTO investigators.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --

2559 - "THE OLDEST STELLAR POPULATIONS: GLOBULAR CLUSTERS AND THE HISTORY OF THE GALAXY"

Keywords : STARS:GLOBULAR CLUSTER, MAIN SEQUENCE; GALACTIC STRUCTURE:HALO; LUMINOSITY FUNCTION, MASS FUNCTION

Proposers: James E. Hesser (PI; Dominion Astrophysical Observatory; Canada), R.Bell (Maryland, University Of), H.Bond (Stsci), G.Fahlman (British Columbia, University Of; Canada), G.Fontaine (Montreal, University Of; Canada), W.Harris (Mcmaster University; Canada), F.Hartwick (Victoria, University Of; Canada), R.Mcclure (Dominion Astrophysical Observatory; Canada), C.Pritchet (Victoria, University Of; Canada), C.Pryor (Rutgers University), H.Richer (British Columbia, University Of; Canada), P.Stetson (Dominion Astrophysical Observatory; Canada), S.Van Den Bergh (Dominion Astrophysical Observatory; Canada), D.Vandenberg (Victoria, University Of; Canada), F.Wesemael (Montreal, University Of; Canada)

We propose to use the unique imaging capabilities of the PC to make the next major leap in our understanding of the ages and stellar populations of globular clusters in the Galactic halo. These observations will resolve scientific problems that we have worked on for two decades with ground-based telescopes. The immediate plan is to obtain color-magnitude diagrams and luminosity functions for 3 representative clusters in the far halo; these will allow us to measure relative ages to +/- 1 Gyr and determine their main-sequence mass functions. The ultimate goal is to use globular clusters as cosmological probes: to determine the starting epoch and duration of Galactic halo formation, the mass spectrum of star formation and its dependence upon primordial conditions, and the dynamical evolution of gravitational N-body systems. Major support programs include theoretical modeling of the structure and evolution of stars and star clusters, and the development of photometric algorithms optimized for HST data.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --
2560- LT - "INTEGRATED DYNAMICAL AND SPECTROSCOPIC OBSERVATIONS OF JUPITER AND SATURN"
Keywords : SOLAR SYSTEM-PLANETS, JUPITER AND SATURN, BELTS, ZONES, WIND, ATMOSPHERE, PLUMES, RED SPOT, OVALS, BARGES, ACTIVE CONVECTION SITES
Proposers: Reta Beebe (PI; New Mexico State University), S.Atreya (Michigan, University Of), M.Belton (National Optical Astr Obs), G.Danielson (Caltech), T.Encrenaz (Paris Observatory; France), P.Gierasch (Cornell University), A.Ingersoll (Caltech), S.Lamaye (Wisconsin, University Of), T.Owen (Suny, Stony Brook), W.Rossow (Nasa, Goddard), L.Trafton (Texas, University Of), R.West (Jet Propulsion Laboratory)

An integrated set of multispectral images and ultraviolet spectra provides the basis for comparative analysis of the atmospheres of Jupiter and Saturn. The spatial resolution and the spectral range of the Hubble Space Telescope, combined with the ability to continue similar observations for at least 17 years, assure that this data will contribute to a valuable database for interpreting the high resolution data from Voyager, Galileo and Cassini. The basic problems that are addressed with these data are: temporal variations of the ammonia clouds, characterization of convention in the upper tropospheres, meridional stratospheric circulation, variation in the troposphere-stratosphere dynamic coupling and seasonal variability.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES) --
2562- LT - "TITAN'S NORTH-SOUTH ALBEDO CONTRAST "
Keywords : TITAN-ATMOSPHERES
Proposers: Peter H Smith (PI; University Of Arizona), M.Tomasko (University Of Arizona)

We propose to obtain images of Titan spanning a broad wavelength range every two years in order to study changes in the north-south albedo contrast in Titan's atmosphere. Pioneer data (Tomasko and Smith, 1982) first revealed this north-south asymmetry in the blue channel (contrast=25%), the red showed the effect only weakly; this is evidence that the contrast has a spectral dependence. Voyager data later confirmed these results with higher spatial and spectral resolution from the UV to orange. After a data gap of about a decade, HST again allows enough spatial resolution to study this phenomenon. The important observational data are the variations of contrast with time and wavelength and the accompanying phase lag as compared the seasons and the solar cycle. The scientific questions to be addressed are: Is the effect seasonal, a permanent feature, or correlated with the solar activity cycle? How does the contrast variation relate to the observed variation in the disk-integrated brightness? At what depth in the atmosphere does the albedo change occur? The fundamental parameter(s) of our cloud microphysical models which may simulate the observations include: particle size, composition, haze optical depth, and condensation cloud optical depth. Our models can also reproduce the time-variable nature of the contrast by varying the aerosol creation rate at the top of the atmosphere at the proper frequency.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (SN_SNR) --
2563-LP - "SINS: THE SUPERNOVA INTENSIVE STUDY "
Keywords : SUPERNOVA, NUCLEOSYNTHESIS, INTERSTELLAR ABSORPTION, GALAXY DISTANCES
Proposers: Robert P. Kirshner (PI; Cfa), J.Blades (Stsci), D.Branch (Oklahoma, University Of), R.Chevalier (Virginia, University Of), C.Fransson (Stockholm Observatory; Sweden), N.Panagia (Stsci), J.Wheeler (Texas, University Of)

Supernovae are stars at the end of stellar evolution. They mark the moment of stellar destruction, act as the key process in the chemical evolution of the universe, serve as agitators and probes of the interstellar medium, and provide sharp and useful tools for cosmological investigations. The spatial resolution and ultraviolet ability of Space Telecope make it an essential tool in furthering all of these aspects of supernova research. As SN 1987A has demonstrated, the best progress in this field comes from the detailed study of the brightest objects. Many of the central problems of supernova research can be attacked by intensive and extensive observations of a handful of moderately bright supernovae using the HST cameras and spectrographs over an extended period of time. Observations at the latest times may be the simplest to interpret and provide the best probe of the stellar interior. SN 1987A provides a unique opportunity to connect the evolution of a supernova with the development of a supernova remnant and will be studied in this program. Because supernovae touch on so many fields of astronomy, the results of this study will affect a broad range of areas from stellar interiors to cosmology.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --
2564- LT - "AEROSOLS IN PLANETARY ATMOSPHERES "
Keywords : PLANETS, PLANETARY ATMOSPHERES, AEROSOLS, CLOUDS
Proposers: Martin Tomasko (PI; Arizona, University Of), R.West (Jet Propulsion Laboratory)

Our goal is to determine the vertical and horizontal distribution and optical properties of stratospheric aerosols in the atmospheres of the outer planets Jupiter and Neptune to constrain models of their photochemical production, vertical and horizontal transport, absorption of solar and thermal radiation, and role in forcing atmospheric dynamics. Observations needed for this purpose include photometry which 1) spans a wide range of wavelengths to permit discrimination in particle size; 2) refers to limited pressure ranges; 3) tracks specific planetary features.

Carefully timed HST WFPC successive telescope orbits permit a wide spread in airmass factors at many planetary longitudes for good vertical discrimination both by the 8888A methane band at long wavelengths and by Rayleigh scattering at short wavelengths. These images at wavelengths separated by a factor >3 also provides good discrimination in the size of small stratospheric aerosols. No other technique is available which can provide either the simultaneous wide wavelength coverage or the spatial resolution to use center-to-limb variations to limit the vertical region probed on the outer planets. In addition, repeating such observations yearly permits temporal changes to be monitored for a new understanding of seasonal variations and the role of the solar cycle in these stratospheres.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (ASTROMETRY) --

2565 - "LINKING HIPPARCOS TO THE EXTRAGALACTIC REFERENCE FRAME PART 1 OF 5"

Keywords : REFERENCE FRAMES, HIPPARCOS, QUASARS

Proposers: Paul D Hemenway (PI; University Of Texas At Austin), N.Argue (The Observatories; England), C.Devegt (Hamburger Sternwarte; Fgr), R.Duncombe (University Of Texas At Austin), J.Hughes (U.S. Naval Observatory), D.Jauncey (C.S.I.R.O.; Australia), K.Johnston (U.S. Naval Research Lab), J.Kovalevsky (C.E.R.G.A.; France), J.Kristian (Caltech), J.Lestrade (Bureau De Longitude; France), M.Perryman (E.S.T.E.C.; Holland), R.Preston (Jet Propulsion Lab), B.Tapley (Univ Of Texas At Austin), C.Turon (Observatoire De Meudon; France), H.Walter (Anstronomische Recheninstitut; Fgr), G.White (C.S.I.R.O.; Australia)

Determination of a non-rotating Reference Frame is crucial to progress in many areas, including: Galactic motions, local (Oort's A and B) and global (RO) parameters derived from them, solar system motion discrepancies (Planet X); and in conjunction with the VLBI radio reference frame, the registration of radio and optical images at an accuracy well below the resolution limit of HST images (0.06 arcsec). The goal of the Program is to tie the HIPPARCOS and Extra- galactic Reference Frames together at the 0.0005 arcsec and 0.0005 arcsec/year level. The HST data will allow a deter- mination of the brightness distribution in the stellar and extragalactic objects observed and time dependent changes therein at the 0.001 arcsec/year level. The Program requires targets distributed over the whole sky to define a rigid Reference Frame. GTO observations will provide initial first epoch data and preliminary proper motions. The observations will consist of relative positions of Extra- galactic objects (EGOs) and HIPPARCOS stars, measured with the FGSs, or with the FGSs and PC together in "transit circle mode". The combination of HST and HIPPARCOS observations will provide

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Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (MINOR PLANETS) --

2569 - "UV ROTATIONAL LIGHT CURVES FOR PLUTO, AND CHARON'S UV SPECTRUM"

Keywords : PLUTO, PLANET SOLAR SYSTEM, CHARON, SATELLITE

Proposers: Laurence Trafton (PI; Texas, University Of), A.Stern (Colorado, University Of)

We propose to use the unique capabilities of the HST to spatially resolve synchronously rotating Pluto from Charon for a variety of orbital phases and obtain low resolution (20-70A)spectral light curves from 3300A to below 2100A Our objectives include a search for longitudinally varying spectral features, a characterization of the longitudinally varying surface scattering properties, and a determination of the UV survey spectra from 3300A to 2400a of opposite faces of Charon near its elongations. Since significant changes are expected for Pluto's surface over HST's lifetime, and the present perihelion changes will not recur until 2233 Ad, data should be obtained now to serve as a baseline for later comparison or else the oportunity will be irretrievably lost. Only HST can observe below 3000A with the spatial resolution to separate Pluto from Charon and with the sensitivity to get usable signal to noise ratios at spectral resolutions of 20-70A.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (LATE EVOLUTION) --

2570 - "RECENT MASS EJECTION FROM PLANETARY-NEBULA NUCLEI "

Keywords : WHITE DWARF, PLANETARY NEBULAE, CENTRAL STARS, STELLAR EVOLUTION, MASS LOSS

Proposers: Howard E. Bond (PI; Stsci), J.Liebert (Arizona, University Of), A.Renzini (Bologna, University Of; Italy)

We propose HST FOC imagery of two unusual central stars of planetary nebulae. V605 Aql, the central star of Abell 58, appeared as a 10th-mag red giant for several years around 1920, but is now fainter than 20th mag and appears to lie inside a compact knot of very hydrogen-deficient nebulosity. HST UV images can directly establish that the central star is now extremely hot, providing the first direct evidence for thermal pulses that are predicted to occur in hot pre-white-dwarfs. 0950+139, the central star of EGB 6, is presently a hot white dwarf, surrounded by a compact, unresolved nebula. FOC imagery in the [O III] and H-beta emission lines will establish one of the following. (1) The compact nebula remains unresolved from HST, implying ongoing mass loss from the white dwarf, for which there is no physical understanding at present, (2) The nebula shows sub-arcsecond structure (a hollow shell, blobs, or jets). implying a discrete mass-ejection event, most probably associated with a "self-induced nova" outburst in the fairly recent past. The latter would again provide evidence for an event theoretically predicted to occur in some hot white dwarfs.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (X-RAY BINARIES) --

2572 - "TIME RESOLVED UV SPECTROMETRY OF VELA X-1 "

Keywords : X-RAY, SOURCE, BINARY STARS

Proposers: Richard Mccray (PI; Colorado, University Of), T.Kallman (Nasa, Goddard), M.Klis (Esa, Estec; Netherlands), B.Margon (Washington, University Of), F.Nagase (Isas, Japan; Japan), Y.Tanaka (Isas, Japan; Japan)

We propose to observe HD77581, the optical counterpart of the X-ray source Vela X-1 (4U0900-40), in order to study the effects of X-ray ionization on the stellar wind from this star. UV Resonance line profile changes with orbital phase predicted by Hatchett and McCray (1977) are a familiar phenomenon in this system. The goals of this observing program are to search for theoretically predicted line profile changes correlated with the 283s pulse period of the compact X-ray source and to study correlations of the UV resonance line variability with X-ray variability in coordinated observations by the GINGA satellite. Observations of such line profile variability can tell us about the geometry of the radiation pattern from the pulsar and the dynamics of the accretion flow.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (H II REGIONS) --

2576 - "STAR FORMATION PROCESSES IN THE SPIRAL ARMS OF M51 "

Keywords : STAR FORMATION, HII REGIONS, STELLAR POPULATIONS, MOLECULAR CLOUDS, SPIRAL STRUCTURE

Proposers: Stuart Vogel (PI; University Of Maryland, College Park), S.Kulkarni (Caltech), C.Norman (Stsci), N.Scoville (Caltech), R.Wyse (Johns Hopkins University)

Although density waves are commonly believed to trigger the formation of the O stars which mark spiral arms, this hypothesis has been recently challenged. Hubble Space Telescope observations will provide two definitive tests: (1) dating young clusters in M51 using WFC UBVR and H-ALPHA photometry to determine if clusters increase in age downstream from the density wave shock; if they do, we have a unique calibrated clock for the earliest stages of star formation which can be used to infer timescales for assembling giant molecular clouds (GMCs) and for triggering star formation; and (2) detemining whether the molecular dust lanes are complexes of star-producing GMCs or instead inactive diffuse molecular clouds compressed by an MHD shock; GMCs should be detectable by HST in R band images as distinct dark clouds against the old stellar population. Another goal is to test the idea that cloud-cloud collisions are a general mechanism for triggering massive star formation by looking for the expected quadratic variation in the relative spatial density of young (i.e., <1" HII regions and GMCs detected with HST (i.e., a modified Schmidt law).

Prop. Type: GO Selection Cycle : 87A

QUASARS AGN -- (QUASAR EMISSION) --

2578 - "THE INNER REGIONS OF QUASARS "

Keywords : QUASARS, SPECTRA

Proposers: Beverley J. Wills (PI; Texas, University Of), J.Baldwin (Ohio State University), I.Browne (Manchester, University Of; Uk), G.Ferland (Ohio State University), H.Netzer (Tel Aviv University; Israel)

An axisymmetric geometry for the inner few parsesc of quasars is strongly suggested by several new investigations. A mass-luminosity relation has been suggested as well as a dependence of ionization of the Broad Line Region on continuum luminosity. These recent studies offer exciting prospects for probing the innermost regions by means of orientation-dependent emission line ratios, equivalent widths and profiles, and continuum spectra, including luminosities in the radio, UV, and X-ray regions.We propose to measure the UV line and continuum (FOS) spectra (rest wavelengths>1170A) in a complete sample of 3CR radio quasars extended to include quasars with measured X-ray flux densities and a range of radio core-dominance. These spectra are being extended by ground-based observations to ~8000A, to cover high and low ionization lines in the same quasar, and the HST sample itself is being complemented by higher redshift quasars where the strong lines of Ly-alpha,CIV lambda 1549, and CIIIlambda1909 are being observed from the ground. Some of several questions that we hope to answer are: 1. Is their evidence for massive accretion disks? (via equivalent width distributions and correlations with radio core-dominance for lines of different ionization).2. Are the line widths and fluxes correlated with the radio, UV or X-ray continuum properties? Is the result the same for all lines, in particular Fe II, C IV and H-Beta? What can this tell us about the kinematics and geometry of the BLR 3? What is the origin

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Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --

2579 - "THE CALIBRATION OF THE WHITE DWARF DISTANCE SCALE FOR GLOBULAR CLUSTERS"

Keywords : GLOBULAR CLUSTER, POPULATION II, STAR, WHITE DWARF

Proposers: Alvio Renzini (PI; Bologna, University Of; Italy), R.Bohlin (Stsci), R.Buonanno (Bologna, University Of; Italy), C.Corsi (Bologna, University Of; Italy), J.Holberg (Arizona, University Of), J.Liebert (Arizona, University Of), S.Ortolani (Bologna, University Of; Italy), H.Shipman (Delaware, University Of), F.Wesemael (Montreal, University Of; Canada)

Deep Planetary Camera imaging of the nearby Globular Cluster NGC 6752 is proposed in order to verify the possibility of using the White Dwarf cooling sequence for the calibration of the globular cluster distance scale, the determination of accurate distances being a prerequisite for the estimate of reliable cluster ages. The goal is to obtain the distance modulus of the cluster with an accuracy better than ~ 0.1 mag, thus reducing the uncertainty in cluster ages from the current, cosmologically ambiguous 25% to less than 10%. Four color UBVI photometry of a carefully selected sample of local calibration WDs will allow the determination of accurate color-temperature transformations and bolometric corrections that are required to construct Fiducial Cooling Sequences (FCS) in the various color-magnitude diagrams. The observed cooling sequences for the cluster (separately for DA and non-DA WDs) will then be fit to the corresponding FCSs to determine the cluster distance modulus.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (MASSIVE STARS) --

2581 - "STELLAR WINDS OF MASSIVE STARS IN NEARBY GALAXIES "

Keywords : EXTRAGALACTIC STARS, STELLAR WINDS, MASS LOSS, UV, SPECTROSCOPY.

Proposers: Luciana Bianchi (PI; Astronomical Observatory Of Torino; Italy), J.Hutchings (Dominion Astrophysical Observatory; Canada), R.Kudritzki (Munich University; Frg), H.Lamers (Utrecht Laboratory For Space Research; Netherlands), P.Massey (Kpno, Noao)

We propose to study the stellar wind characteristics of hot massive stars in M31 and M33 by observing with the HST-HRS the profiles of UV resonance lines which are the main wind indicators. The immediate aim is to understand how mass loss rates, and other characteristics of the stellar winds, such as the velocity-laws (i.e. the acceleration) and the ionization, depend on metallicity. The final goal is to understand the evolution of massive stars in galaxies of different chemical composition. The dependence of hot star winds on metallicity is in fact predicted by the theory of radiation-pressure driven winds, but it could be observed so far only in the MCs stars (Hutchings, 1982; Garmany and Conti 1985; Kudritzski et al, 1987). In the past years we have pushed IUE to its limits to observe far UV spectra of the brightest/hottest stars in M31 and M33. In spite of the very low resolution (insuffucent for quantitative line analysis) we observed for all the stars of our sample significantly lower terminal velocities and weaker P Cygni profiles than for galactic stars of similar type. The results of this pioneer study (that involved also an extensive ground based observing program) on one hand, and the recent significant improvements of the radiation driven wind theory and treatment of ionization equilibrium in the stellar atmospheres and envelopes on the other hand, show that a high resolution study of the UV lines will be very interesting.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (GLOBULAR CLUSTERS) --

2583 - "COLOR-MAGNITUDE DIAGRAMS OF A SAMPLE OF GLOBULAR CLUSTERS IN M31"

Keywords : M31, GLOBULAR CLUSTERS, EVOLUTION, IMAGING

Proposers: Flavio Fusi Pecci (PI; Bologna, University Of; Italy), P.Battistini (Bologna, University Of; Italy), F.Bonoli (Bologna, University Of; Italy), R.Buonanno (Roma Observatory; Italy), C.Cacciari (Bologna Observatory; Italy), G.Djorgovski (Caltech), L.Federici (Bologna Observatory; Italy), I.King (California, University Of, Berkeley), R.Walterbos (California, University Of, Berkeley)

The main goal of the present program is to contribute improving the accuracy of globular cluster age determinations, an issue with well known implications for both cosmology and galaxy formation theories. Taking advantage of M31 globular clusters being in practice all at the same distance, we suggest to directly determination the slope of the horizontal branch luminosity V(HB) vs metallicity relation (a key ingredient in current dating procedures). This can be done by constructing CMDs from FOC exposures reaching a photometric accuracy of at least 0.1 mag in the magnitudes and colors of the individual HB members. The clusters here selected cover an appropriate range in metallicity and are also suitable to study the HB morphology as a function of metallicity (with the so-called "second-parameter effect", if present in the M31-cluster system) and determine the structural parameters for the clusters (e.g. core and tidal radii, ellipticity,etc). This program represents the essential completion of the GTO/FOC program 1283 which will be carried out by our team, and which concerns a smaller sample of M31 clusters. Parallel WF/PC exposures will also be taken on fields of the M31 bulge and halo (some including other globular clusters), thus extending the number of observed clusters and enabling further study of the M31 field stellar populations.

Prop. Type: GO Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (ABSORPTION LINES) --

2584 - "VELOCITY STRUCTURE OF THE INTERSTELLAR SHOCKWAVES "

Keywords : INTERSTELLAR MEDIUM

Proposers: Zhong Wang (PI; Caltech)

High velocity (VLSR~=100km/sec) radiatively cooling shocks may exist in the interstellar medium, but have never been directly confirmed in observation. Theories predict that for the interstellar near-uv absoprtion lines associated with the postshock gas, their relative velocities should correlate with the stages of ionization of the absorbing atoms. Hence they are sensitive to the temperature distributions in the shocked gas and are ideal probes of the shock structure. Measurements of the expected velocity differences (on the order of 5km/sec) were not achievable in previous space-based observations, but are within the easy reach of the HRS. We propose to examine this phenomena by observing early type stars in the Orion OB Association with the high resolution mode of the HRS. The proposed program requires only a minimum amount of the HST observing time, since the two target stars chosen are bright and known to have well separated high velocity interstellar absorption features. If confirmed, this could be the most unambiguous evidence for the radiatively cooling interstellar shockwaves.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (MASSIVE STARS) --

2590 - "DEEP IMAGING OF THE SITE OF SN 1961V, A POSSIBLE EXTRAGALACTIC ETA CARINAE ANALOGUE"

Keywords : EXTRAGALACTIC STAR, IRREGULAR VARIABLE, SUPERNOVA, IMAGING

Proposers: Alexei V. Filippenko (PI; California, University Of, Berkeley), R.Goodrich (California Institute Of Technology), A.Porter (Kpno, Noao), G.Stringfellow (Mount Stromlo Observatory; Australia)

Analysis of new and old ground-based observations leads us to hypothesize that the unique "Type V Supernova" 1961V in NGC1058 was not a SN (the explosion of a massive star at the end of its life). Rather, it was the super-outburst of a luminous blue variable --- an exaggerated eta Car-type outburst of a very massive, evolved star near the end of core hydrogen burning. The long plateau in the light curve following outburst, at nearly the same brightness as the pre-outburst star, suggests that the progenitor survived the outburst; it later faded only because of the formation of optically thick dust in the ejecta. The underlying star should be a hot Of/WN star. Our observations suggest a circumstellar extinction of Av=5mag, if the surviving star resembles eta Car. The present brightness of the star should be near V=27. We propose to determine whether the star is present by imaging the site of SN1961V with the WFC. The faint star cannot be seen from the ground because of contamination by the underlying HII regions. A detection of the star would have serious ramifications for current models of SNe and luminous blue variables.

Prop. Type: GO Selection Cycle : 87A

GALAXIES _CLUSTERS -- (NUCLEI/CORES) --

2591 - "ELLIPTICALS WITH KINEMATICALLY-DISTINCT NUCLEI "

Keywords : GALAXY TYPE: ELLIPTICAL GALAXY; ACTIVE GALAXIES: RADIO GALAXY; GALACTIC STRUCTURE: NUCELUS; ASTROPHYSICS: KINEMATICS, DYNAMICS, FORMATI

Proposers: Garth D. Illingworth (PI; California, University Of, Santa Cruz), M.Franx (Cfa)

The recent discovery by Franx and Illingworth of a kinematically-distinct stellar component in the nucelus of the giant radio elliptical IC 1459, and the confirmation by several groups that such components are quite common, has added a valuable diagnostic tool for understanding the structure and the formation of ellipticals. Thirteen examples are now known, from a sample of nearly 50 ellipticals. Several, like IC 1459, have counter-rotating subcomponents, and one, NGC 4406, in which the angular

momenta of the distinct core and the other envelope are orthogonal, could well be an example of an elliptical whose rotation axis is along the long axis. These substantial (=1010 Mo for IC 1459) components are likely to be valuable diagnostics of the dynamical state of the nuclei of ellipticals. Further study will address their formation by investigating whether these components could be the end result of a "starburst" event, or of the accretion and settling of a stellar companion, or of the merging of primordial subclumps. We propose to take advantage of the high resolution imaging capability of HST through a PC multicolor imaging program of 3 examples that are not part of the GTO PC imaging program, with the goal of elucidating the properties of these components and the nuclei within which they reside. These data are an essential complement to an extensive ongoing ground-based spectroscopic and CCD imaging program.

Prop. Type: GO Selection Cycle : 87A

GALAXIES _CLUSTERS -- (DISTANT GALAXIES) --

2592 - "EMISSION LINE IMAGING OF MODERATE REDSHIFT OBJECTS "

Keywords : GALAXIES, STRUCTURE, GALAXIES, FORMATION, QUASARS, BL LACERTAE OBJECTS

Proposers: D. G. York (PI; Chicago, University Of), B.Yanny (Chicago, University Of)

Using intervening QSO metal absorption line systems as tracers, we have searched for and found [OII] emission at moderate redshift. The emission is seen large distances (>100h-1 kpc) from the QSO absorber and possibly indicates an extended diffuse object. We wish to test this hypothesis with ST by obtaining Ly-alpha and off-band images using the WFC and available medium width filters. We will be able to obtain sensitivity limits of S(Ly-apah) > 10-16 erg cm-2 s-1 arcsec-2 for objects extended over (20 arcsec)2=(100h-1kpc)2 at z=0.6 corresponding to 3 x 10-3M yr-1kpc-2 (one large Sc galaxy spread over [100h-1kpc]2). Fully half the age of the universe is represented by redshifts <1 and recent observational and theoretical work indicates that not all galaxy formation necessarily occurred at large redshift z>5. We will also examine the nature of the object less the 1" from the line-of-sight to A00235+164 at z=0.525 using ST's high resolution.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (LATE EVOLUTION) --

2593- LT - "WHITE DWARF STARS "

Keywords : WHITE DWARF, CHEMICALLY PECULIAR STAR

Proposers: Harry Shipman (PI; Delaware, University Of), G.Basri (California, University Of, Berkeley), H.Bond (Stsci), F.Bruhweiler (Cathhholic University), F.Cordova (Los Alamos National Laboratory), D.Finley (California, University Of, Berkeley), G.Fontaine (Montreal, University Of; Canada), P.Hintzen (Nasa, Goddard), J.Holberg (Arizona, University Of), K.Jensen (Nasa, Goddard), D.Koester (Louisiana State University), J.Liebert (Arizona, University Of), J.Nousek (Penn State University), T.Oswalt (Florida Institute Of Technology), E.Sion (Villanova University), S.Starrfield (Arizona State University), D.Tytler (Columbia University), G.Vauclair (Toulouse Observatory; France), G.Wegner (Dartmouth College), V.Weidemann (Kiel University; Frg), F.Wesemael (Montreal, University Of; Canada)

HST's unprecedented spectroscopic capabilities, supplemented in some critically important cases by its high spatial resolution, can address a number of outstanding scientific problems relating to white-dwarf stars. It can double the number of solid mass and radius determinations from merely 3 at present to 6, either placing our understanding of the fundamental physics of white dwarfs on a secure observational footing (at last High qualitiy spectra from HST will permit us to address critical questions about the origin of the chemical diversity of white-dwarf stars, a diversity far greater than that found anywhere else on the HR diagram. The answers will critically affect other important areas of stellar astrophysics: for example stellar superwinds, the origin and evolution of planetary nebulae, accretion in close binaries, mass loss, and red giant envelope evolution. A team including many astronomers who have been active in the field for years has agreed to collaborate in this enterprise. Our target list, while primarily directed towards doing outstanding science with the first year of HST data, is also comprehensive enough to establish HST's potential and guide future HST proposals in this field.

Prop. Type: GO   Selection Cycle : 87A

STELLAR POPULATIONS -- (OPEN CLUSTERS) --

2595 - "THE LUMINOSITY FUNCTION OF THE TRAPEZIUM CLUSTER - AN OBSERVATIONAL TEST OF BI-MODAL STAR FORMATION MODELS"

Keywords : PMS STAR, OPEN CLUSTER, LUMINOSITY FUNCTION

Proposers: John R. Stauffer (PI; California, University Of, Santa Cruz), D.Depoy (Kpno, Noao), L.Hartmann (Cfa), B.Jones (California, University Of, Santa Cruz), D.Soderblom (Stsci), M.Werner (Nasa, Ames)

We propose to use the Planetary Camera to extend the search for low mass members of the "Trapezium Cluster" to M ~ 0.1 solar masses in order to test theories of bimodal star formation. The immediate goal of these observations is to identify cluster members to V ~ 20, and to derive the cluster luminosity function to that limit. By combining these images with ground-based spectroscopy and IR images, we will derive the initial mass function and test for coeval star formation in the densest star-forming region near the Sun.

Prop. Type: GO Selection Cycle : 87A

GALAXIES CLUSTERS -- (NUCLEI/CORES) --

2600-LP - "CORES OF EARLY-TYPE GALAXIES "

Keywords : ELLIPICAL GALAXY, SO GALAXY, DWARF GALAXY, LOCAL GROUP, GALACTIC NUCLEUS, GALACTIC BULGE, SPECTROSCOPY, IMAGING

Proposers: Sandra M. Faber (PI; California, University Of, Santa Cruz), A.Dressler (Mt Wilson Las Campanas Observatories), J.Kormendy (Hawaii, University Of), T.Lauer (Princeton University), D.Richstone (Michigan, University Of), S.Tremaine (Toronto, University Of; Canada)

We propose a comprehensive imaging and spectroscopic study of the cores of early-type galaxies. The high spatial resolving power of HST will be used to search for nuclear black holes and measure core structure parameters over a wide range in core size and luminosity. PC images in wide-V and wide-I will be taken of 13 galaxies covering a range of 6 magnitudes in galaxy luminosity. FOS spectra will be used to determine velocity-dispersion and rotation profiles along the major axes of 5 early-type galaxies considered to be excellent black hole candidates. Ground-based photometry and kinematic data will be obtained to augment HST data at larger radii. The observations will be used to construct dynamical models of the core and exterior regions of spheroids using a maximum-entropy modelling algorithm. We expect to obtain strong evidence of black holes, if any exist in the BH candidates with M >106-7 Mo. We will also place tight limits (+/- 15%) on stellar M/L. A major question which we propose to address is the core structure of small early-type galaxies and the differences between low-luminosity Es on the one hand and dwarf spheroidals and giants Es on the other. We expect that core properties, when studied in conjunction with global structure over a wide magnitude range, w range, will set stringent limits on scenarios for galaxy collapse, gaseous disspiation, and mergers.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES) --

2602 - "THE EXCITATION OF THE ATMOSPHERES OF PLANETARY SATELLITES "

Keywords : PLANETARY SATELLITE, PLASMA TORUS, AURORA

Proposers: John T. Clarke (PI; Michigan, University Of), J.Ajello (Jet Propulsion Laboratory), J.Luhmann (California, University Of, Los Angeles)

We propose to observe Io at near and far UV wavelengths in a set of 3 observations designed to study the excitation of the satellite atmospheres. The distinguishing element of this program is the design of the observations to separate the following processes: resonant scattering of solar emission, charged particle excitation by magnetospheric plasma, and (in the case of Io) the decay of the atmosphere in the absence of solar-driven sublimation from the surface. Io will be observed with the HRS/HST combination in the far-UV over a period of time centered on the passage of Io into eclipse to separate the solar emissions (while sunlit) from particle excited emissions (while in shadow) and the near UV SO2 aurora will be observed while Io is in shadow. The far UV lines of atomic sulfur and oxygen emanate from an extended atmosphere, and are produced by a combination of resonant scattering of solar emission and plasma impact relatively high in the atmosphere. The near-UV bands of SO reflect particle impact on SO2, the parent molecule believed to be driven by sublimation vapor pressure from the surface, and may be excited relatively closer to Io's surface (due to the 3 times smaller scale height) by incident plasma and/or ionospheric processes.

Prop. Type: GO　　　　　　　　　　　　Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (LOCAL MEDIUM) --

2603 - "PARALLEL OBSERVATIONS OF H LY ALPHA EMISSION FROM THE LOCAL ISM "

Keywords : INTERPLANETARY MEDIUM, LISM GAS, SOLAR WIND

Proposers: John T. Clarke (PI; Michigan, University Of), J.Bertaux (Cnrs, Department Of Aeronomy; France), H.Fahr (Bonn University; Frg), R.Lallement (Cnrs, Department Of Aeronomy; France), F.Paresce (Stsci)

We propose to observe the sky background H Ly alpha emission in parallel with scheduled observations to study the emission generated by local ISM hydrogen penetrating into the solar system. This component can be observed when the earth orbital motion Doppler-shifts the geocoronal line from the LISM vector. By defining the velocity vector of the interstellar wind (ISW) in the solar system we may identify which of several local clouds in the LISM encompasses the solar system. By a careful measurement of the ISW line shape we may study the temperature of the LISM and interaction of the ISW with the heliospheric bow shock and solar wind. This proposal is solely for parallel observing time.

Prop. Type: GO　　　　　　　　　　　　Selection Cycle : 87A

GALAXIES _CLUSTERS -- (NUCLEI/CORES) --

2607- LT - "BLACK HOLES, STELLAR DYNAMICS AND POPULATIONS IN THE NUCLEI OF A COMPLETE SAMPLE OF ELLIPTICAL GALAXIES"

Keywords : MASSIVE BLACK HOLES; GALACTIC NUCLEI; STELLAR DYNAMICS, STELLAR POPULATIONS, ACTIVITY

Proposers: Walter Jaffe (PI; Leiden University; Netherlands), H.Ford (Stsci), R.O'Connell (Virginia, University Of)

We will determine the prevalence of massive black holes in a complete sample of bright Virgo ellipticals using FOS spectra and WFPC surface photometry. We will correlate the dynamical evidence for massive black holes with indicators of nuclear activity (radio and optical emission, and star formation). Additionally, we will use our data to study the stellar dynamics and demography of the 'cores' of these elliptical galaxies. Our observations will establish the fundamental properties of the nuclear regions: photometric profiles, rotation and dispersion velocities, and spectroscopic metallicity indicies. FOC-UV images will reveal the presence of young stars and/or nonthermal emission. We will determine black hole masses by comparing the predictions of self-consistent dynamical models of the core to the observed surface photometry and kinematics. We wil model the stellar populations by comparing the observed metallicities and spectral energy distributions to synthetic spectra constructed from stellar libraries.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (OTHER ACTIVE NUCLEI) --
2608 - "CONSTRAINTS ON CONTINUUM MODELS OF ACTIVE NUCLEI: FAST ULTRAVIOLET VARIATIONS"
Keywords : ACTIVE NUCLEII/RAPID CONTINUUM VARIABILITY
Proposers: M. J. Ward (PI; Cambridge, University Of; Uk), C.Done (Cambridge, University Of; Uk), M.Elvis (Cfa), A.Fabian (Cambridge, University Of; Uk), A.Lawrence (Queen Mary College, London; Uk)

We propose to use the Fast Photometer to observe fast-timescale ultraviolet continuum variations in Active Nuclei. The two objects selected have the fastest observed X-ray variations down to 100 seconds, an observational limit set by the satellite sensitivity. Importantly, the Fourier Power-Spectrum of the X-ray data shows no sign that we have yet sampled the fastest variations. The large contribution of starlight, even through the smallest apertures, means that no ground-based experiment can approach the sensitivity to short timescales variations that the HSP can potentially observe. The proposed ultraviolet observations can be made near-simultaneously through two ultraviolet filters, giving crude two color spectral information that will help define the characteristics of the variable component. Using the HSP we can improve the time resolution by an order of magnitude, thus setting strong constraints of models of compact source energy generation.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (QUASAR EMISSION) --
2616 - "IMAGING OF A COMPLETE SAMPLE OF THE NEAREST INFRARED QUASARS "
Keywords : QUASARS, AGN, INFRARED GALAXY
Proposers: D. Sanders (PI; Institute For Astronomy), G.Neugebauer (Caltech), N.Scoville (Caltech), B.Soifer (Caltech)

We propose high resolution imaging with the Planetary Camera (PC) of a complete sample of the nearest infrared quasars that have been discovered in the IRAS database. These objects appear to represent a criticial evolutionary link between ultraluminous infrared galaxies and optical quasars. Ground-based observations suggest that these objects contain a mixture of nuclear starburst and AGN components, both of which are fueled by a tremendous reservoir of molecular gas that has been funneled into the merger nucleus during the merger of two gas-rich galaxies. PC images in

B,R, and Z filters will be used to trace the distribution of different stellar populations, to separate out point source components, to trace the effects of the merger process in these galaxies, and to search for the presence of bars or other such structures that may serve to funnel gas or stars into the central AGN.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

2619 - "HIGH SPATIAL RESOLUTION SPECTROPHOTOMETRIC MAPPING OF THE CENTRAL REGION OF NGC 4151"

Keywords : AGN, SEYFERT GALAXY, SPECTROSCOPY, MORPHOLOGY, KINEMATICS, JET

Proposers: M. A. Snijders (PI; Astronomisches Institut Tubingen; Frg), A.Altamore (Rome, University Of; Italy), A.Boksenberg (Royal Greenwich Observatory; Uk), G.Bromage (Rutherford Appleton Laboratory; Uk), J.Clavel (Esa, Iue Observatory; Spain), A.Elvius (Stockholm Observatory; Sweden), R.Fosbury (St-Ecf; Frg), G.Perola (Rome, University Of; Italy)

NGC 4151 is one of the nearest, most active, Seyferts with the brightest apparent nucleus. This makes it a most suitable object for a detailed morphological and kinematical study of the gas, in the partially resolved, Narrow Emission Line Region (NELR). We propose to use the FOC long slit spectrograph to map systematically the radiojet and the NELR clouds in the central 4.3"* 20" region with the radiojet (PA 80+/- 10) in the centre of map. The first order FOC spectra contain the strong [OIII] and [OII] doublets which we will use to study the distribution of the gas and the line width and velocity fields as a function of position. A number of diagnostic line ratios are available to study the physical condition of the line emitting material.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (ASTROMETRY) --

2623- LT - "A MEASUREMENT OF THE PRIMORDIAL HELIUM ABUNDANCE OF MU-CASSIOPEIAE "

Keywords : POPULATION II, SUBDWARF, BINARY, ASTROMETRY

Proposers: Dennis J. Hegyi (PI; Michigan, University Of), P.Crane (European Southern Observatory; Frg), P.Demarque (Yale University), J.Haywood (Michigan, University Of), R.Kurucz (Cfa), C.Sneden (Texas, University Of)

At the present time, the primordial helium abundance is the single most important observable which can be used to test the standard model of the big bang. The most precise measurements of the primordial helium abundace have been obtained from extragalactic HII regions. However, many correction are involved in reducing measured line intensities to helium abundances. Because the primordial helium abundance plays such an essential role in both cosmology and astrophysics, it is important to accurately measure it using more than one method. By applying the stellar mass-luminosity law, we propose to determine the helium abundance of the astrometric binary Mu-Cas using ST to obtain an orbit to determine the masses of the stars. Based on simulations, three years of ST observations would yield a mass uncertainty of the primary star corresponding to an uncertainty in the helium abundace by mass of 0.006. This uncertainty could be even further reduced if observations were extended over a longer interval of time. ST is necessary to achieve the desired measuring accuracy because astrometric observations of the faint, close secondary with respect to a background field of stars can only be obtained with ST; since the secondary has a motion almost five times larger than that of the primary, its orbit is much less sensitive to unknown systematic effects for the same measuring precision.

Prop. Type: GO   Selection Cycle : 87A

QUASARS _AGN -- (GRAVITATIONAL LENSES) --

2624 - "HIGHLY LUMINOUS QUASARS AS GRAVITATIONALLY LENSED OBJECTS "

Keywords : ACTIVE GALAXIES: QUASARS, OBSERVING TECHNIQUES: IMAGING

Proposers: Jean Surdej (PI; Liege University; Belgium), U.Borgeest (Hamburg Observatory; Frg), T.Courvoisier (Geneva Observatory; Switzerland), R.Kayser (Toronto, University Of; Canada), P.Magain (European Southern Observatory; Frg), S.Refsdal (Hamburg Observatory; Frg), J.Swings (Liege University; Belgium), G.Weigelt (Erlangen University; Frg)

Considering that the highly luminous quasars (hereafter HLQs, Mv<=-29) constitute the best extragalactic candidates to search for the presence of gravitationally lensed images at sub-arcsecond angular scales, we propose to perform high resolution direct imaging of a small sample of these objects with the FOC instrument onboard ST. Applying the roll deconvolution technique to some of the FOC observations obtained in the F/288 mode will lead to unprecedented high angular resolution (FWHM ~ 0.02") images of extragalactic objects in the ultraviolet spectral range. These data will allow us to determine the significance of gravitational lensing effects in order to improve our knowledge on quasars (structure, luminosity function, source counts), on the distribution of matter in the Universe (galaxy masses, intergalactic medium, dark matter) and on the Hubble parameter. More specific observations of the best potential lensed QSO candidates identified with ST will be proposed after a careful evaluation of the preliminary data.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --

2625- LT - "EXCITATION PROCESSES FOR THE OUTER PLANET UV EMISSIONS "

Keywords : JUPITER, SATURN

Proposers: H. W. Moos (PI; Johns Hopkins University), J.Clarke (Michigan, University Of), M.Mcgrath (Johns Hopkins University), D.Shemansky (Arizona, University Of), D.Strobel (Johns Hopkins University)

A set of observations of Jupiter and Saturn in the EUV spectral region will be used to determine the process(es) exciting UV ('electroglow') emissions in the upper atmospheres of these planets. Utilizing the increased sensitivity and spectral resolution of the ST/HRS over IUE and Voyager systems, emission lines from 1200-1800A will be used to distinguish between the suggested processes of electron excitation and fluorescence. The observations will also determine the dependence of the excitation mechanism on solar input by measuring the planet to planet variation of the emission at the same solar cycle phase and the variation of the emissions from GO Cycles 1 to 2.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (SATELLITES) --

2627 - "IO'S ATMOSPHERE AND ITS INTERACTION WITH THE PLASMA TORUS "

Keywords : JUPITER, IO, IO PLASMA TORUS, JOVIAN MAGNETOSPHERE

Proposers: H. W. Moos (PI; Johns Hopkins University), G.Ballester (Johns Hopkins University), P.Feldman (Johns Hopkins University), M.Mcgrath (Johns Hopkins University), D.Strobel (Johns Hopkins University)

A simple yet comprehensive set of UV observations of the Io plasma torus and near-Io environment with the HRS at low and medium resolutions is proposed with the goal of understanding the interaction between the plasma torus and Io's atmosphere. Spatial scans of Io will yield the radial dependence of sulfur (s) and oxygen (o) densities, spatially resolve the interaction region of neutral S and O emission discovered by IUE, and determine its electron temperature (Te). Near-simultaneous observations of the torus to determine ion densities and electron temperature will clarify the degree to which electron cooling is important in the interaction region. To place more stringent limits on the amount of O++ present in the plasma torus, detection of [OII]lambda 1664 will be attempted.

Prop. Type: GO Selection Cycle : 87A

GALAXIES CLUSTERS -- (GAS DUST) --

2630 - "STAR FORMATION AND EELR IONIZATION IN 4 CLUSTER DOMINANT GALAXIES "

Keywords : NEARBY GALAXY CLUSTER

Proposers: William Romanishin (PI; Oklahoma, University Of), P.Hintzen (Nasa, Goddard)

We propose a multicolor imaging study of a sample of dominant galaxies in gas-rich clusters which contain luminous extended emission line regions (EELR). The goals of this proposal are: 1) to determine the ionization mechanism(s) for the EELR and 2) to constrain the initial mass function (IMF) in regions of ongoing star formation known to exist in these giant elliptical galaxies, star formation apparently fed by the EELR. Detailed study of EELR and the associated galaxies promises to yield many insights into the gaseous environments of galaxies and into present-day star formation in cD galaxies. Such observations also illuminate the nature and fueling of active nuclei (UV spectrum, possible beaming geometry, etc.). However, before EELR studies can be fully utilized, we must understand the ionization mechanisms for these regions. Although EELR around quasars are probably ionized primarily by nuclear radiation, the ionization mechanisms for EELR in nearby Abell clusters remains a subject of controversy. We have shown that the giant ellipticals proposed for study contain regions of current star formation and are prime candidates for EELR ionization by stars (perhaps WARMERs). Using the proposed optical and vacuum UV observations, we can put decisive limits on point sources of ionizing radiation.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (STELLAR ATMOSPHERES) --

2634 - "B AND BE AS PROBES OF COSMIC RAY SPALLATION AND STELLAR STRUCTURE "

Keywords : DWARF, POPULATION II, COSMIC RAYS, HALO, STELLAR STRUCTURE, OPEN CLUSTER

Proposers: Douglas K. Duncan (PI; Stsci), D.Soderblom (Stsci)

I. We propose to observe Boron and Beryllium in two intermediate metallicity halo stars ([Fe/H]~-1.5) which appear to have formed at the time when the galaxy was just beginning to syntheize those two light elements through the spallation reactions of cosmic rays on C,N,O nuclei in the interstellar medium. The B and Be abundances and their ratio yield knowledge of the energetic particle flux at this epoch and on the time of formation of the halo, in the same way that the current interstellar medium light element abundances are used to constrain theories of present cosmic rays. II. We propose to observe B in three stars in the "Li gap," the mysterious narrow temperature range in F stars in which Li is depleted by more than an order of magnitude compared to stars just a few 100 K hotter or cooler. Knowledge of whether B is depleted in the same star should help decide whether turbulent diffusion, gravitational settling, or some other as yet unknown mixing process is responsible for the gap.

Prop. Type: GO Selection Cycle : 87A

QUASARS AGN -- (QUASAR ABSORPTION) --

2638- LT - "THE NEAR ULTRAVIOLET SPECTRUM OF 0215+015 "

Keywords : ABUNDANCES, COSMOLOGY, BL LAC OBJECT: LINE IDENTS, UV: SPECTRA

Proposers: John C. Blades (PI; Space Telescope Science Institute), R.Hunstead (University Of Sydney; Australia), M.Pettini (Aao; Australia)

The radio source 0215+015 is a remarkable QSO. Originally classified as a featureless BL Lac object, weak emission lines at Z(em) = 1.72 have been detected recently. The object has a complex absorption spectrum with seven redshifts identified from our optical spectra. The source shows large (around 5 mag) optical variations, and when bright (14-16mag) can be studied at high resolution, making it a unique and important object for absorption line studies. Our proposal seeks Target-of-Opportunity (ToO) time to study the region 2200-3200A, during the next bright period. Our aim is to study absorption lines belonging to the three most complex redshift systems. We shall use the GHRS at R=27,500 for a detailed study of the Ly-alpha region z = 1.345 and the Ly-beta - O VI regions at z = 1.549 and 1.649.

Prop. Type: GO Selection Cycle : 87A

QUASARS AGN -- (QUASAR ABSORPTION) --

2644 - "THE ENVIRONMENTS OF STARBURST GALAXIES: ABSORPTION-LINE STUDIES OF GALACTIC OUTFLOWS"

Keywords : GALAXIES,STARBURSTS,INTERSTELLAR MEDIUM, STAR FORMATION, GALAXY EVOLUTION, QUASAR ABSORPTION LINES.

Proposers: Colin A. Norman (PI; Stsci), J.Blades (Stsci), L.Danly (Stsci), T.Heckman (Stsci)

Starburst galaxies are known to pump prodigious amounts of mass, energy and momentum into their circumgalactic halos and the surrounding intergalactic medium. Outflows from starbursts are seen with both narrow band images and optical spectroscopic studies. The physics of these flows is fascinating. The most plausible explanation of their origin is that they are driven by a continuous energy and momentum input from the supernovae explosions. We propose here a coherent, in-depth study of the physical state of these outflows. We shall study in detail the absorption line spectra of five quasars behind starburst outflows at projected galactocentric distances of order 10-100 kpc to learn about the ionisation state, metallicity, filling factor, geometry and kinematics of the outflowing gas. With HST the studies will be of comparable sensitivity and resolution to the studies of gas surrounding our own galaxy and we emphasize that there is no other way to get the information needed to determine the physical state of these flows.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (EARLY EVOLUTION) --

2648 - "THE COLLIMATION AND PROPAGATION OF JETS FROM YOUNG STARS "

Keywords : JETS, YOUNG STARS

Proposers: Thomas P. Ray (PI; Dublin Institute For Advanced Studies; Ireland), J.Dyson (Manchester, University Of; Uk), S.Falle (Leeds, University Of; Uk), D.Innes (Heidelberg University; Frg), R.Mundt (Mpi For Astronomy; Frg), A.Raga (Canadian Institute For Theoretical Astrophysics; Canada)

Close analogies can be drawn between jets from young stellar objects (YSOs) and their extragalactic counterparts particularly with regard to morphology. For example both sets of jets possess knots, wiggles and working-surfaces. It is however much easier to obtain basic information like density, velocity etc. for YSO jets as they have emission-line spectra. We propose to study the jets associated with Herbig Haro 30. With these images it should be possible to see for the first time the oblique shocks which are thought to be responsible for jet emission. We have recently found that jet opening angles continue to grow with increasing proximity to their source (i.e. within 4"). This argues strongly in favour of models in which a large percentage of the jet collimation is achieved by external pressure gradients on scales of a few hundred AU. In order to clarify the importance of such gradients for collimation even closer to the source (i.e. within 1") we also wish to investigate in detail the immediate stellar environment. Because of the expected high Ne values (> 10e5/cc), this study will be done in OI, lambda 6300 (as this line has an Ne critical of about 10e6/cc.).

Prop. Type: GO Selection Cycle : 87A

QUASARS AGN -- (GRAVITATIONAL LENSES) --

2649 - "IMAGING, POLARIMETRY, AND SPECTROPHOTOMETRY OF THE LENSED, 'CLOVER LEAF,' BROAD ABSORPTION LINE QSO 1413+117"

Keywords : GRAVITATIONAL LENSING, BROAD ABSORPTION LINES, NARROW ABSORPTION LINES, IMAGING, POLARIMETRY, SPECTROPHOTOMETRY

Proposers: David A. Turnshek (PI; University Of Pittsburgh), O.Lupie (Computer Sciences Corporation)

Observations of the lensed, 'clover leaf', Broad Absorption Line (BAL) QSO 1413+117 are proposed in order to achieve the following goals: (1) PC images will be used to search for the lensing galaxy, followed by FOS observations to determine its redshift, in order to delineate the lens and image properties. (2) FOS observations of the four QSO images will be used to check for sight-line dependent differences in the BAL profiles. The results can be used to place constraints on narrow line system cloud sizes and shapes. (3) The same FOS observations will be used to check for sight-line dependent differences in two intervening, narrow metal absorption line systems. The results can be used to place constraints on narrow line system cloud sizes and shapes. All of the observations will be made at optical wavelengths. HST's high spatial resolution is required in order to obtain uncontaminated observations of the lens components.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (COMET) --

2657 - "HIGH RESOLUTION SPECTROSCOPY OF COMETS "

Keywords : COMETS

Proposers: Michael F. A'Hearn (PI; Maryland, University Of), C.Arpigny (Liege University; Belgium), J.Bertaux (Cnrs, Department Of Aeronomy; France), P.Feldman (Johns Hopkins University), S.Kim (Maryland, University Of), B.Lutz (Lowell Observatory), D.Schleicher (Lowell Observatory), H.Weaver (Stsci)

We propose to observe comets at high spectral resolution in order to search for isotopic variants and in order to elucidate the emission mechanism of the various molecular species that are known. This knowledge of the emission mechanism is critical to interpreting observed fluxes from comets in terms of abundances which in turn provide our best clues to the conditions of temperature and pressure in the solar nebula.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (ERUPTIVE BINARIES) --

2660 - "QUASI-PERIODIC OSCILLATIONS IN AM HERCULIS BINARIES "

Keywords : STARS: WHITE DWARFS, CATACLYSMIC VARIABLES, MAGNETIC FIELDS, RAPID OSCILLATIONS; HIGH-SPEED PHOTOMETRY; ACCRETION

Proposers: Howard E. Bond (PI; Stsci), G.Chanmugam (Louisiana State University)

AM Herculis variables are close-binary systems in which a white dwarf with a magnetic field of 20-40 MG accretes matter from a companion star. Theoretical studies of magnetically channeled accretion flows in such systems predict that the shock formed near the white dwarf should oscillate with periods ~0.1-1sec. Optical high-speed photometry has indeed shown the existence of such rapid oscillations in some AM Her binaries, but not in others. We will use HST to obtain simultaneous UV and optical high-speed photometry of several AM Her systes, in order to explore further the nature of the oscillations, and to extend the search into the UV. HSP observations of two syustems (VV Pup and ST LMi, in which the accreting magnetic pole periodically passes behind the limb of the white dwarf) will allow detailed eclipse mapping of the accretion column and the shock oscillations to be carried out.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (PULSATING STARS) --

2680 - "CROSS DISPERSION IMAGING OF HOT + COOL BINARIES "

Keywords : BINARY STARS - COSMIC DISTANCE SCALE - MASSIVE STAR EVOLUTION

Proposers: D. Massa (PI; Applied Research Corporation), A.Endal (Applied Research Corporation), N.Evans (York University; Canada), S.Parsons (Computer Sciences Corporation)

We propose to evaluate an observing strategy which could accurately measure separations ~ 10E-3" for binaries with evolved F-M primaries and main sequence B or A secondaries. These include binaries whose primaries are Cepheid variables and supernova progenitors. When combined with spectroscopic orbits, the spatial information will enable the masses and distances to such stars to be determined from Newton's laws and Euclidean geometry. Determining distances for the Cepheids in this way amounts bypassing two rungs of the cosmic distance ladder. For the Non-variable evolved stars, the mass determinations will provide sorely needed information on the poorly understood mass loss processes which occur in the latter stages of the evolution of massive stars.

Prop. Type: GO Selection Cycle : 87A

GALAXIES CLUSTERS -- (SURVEYS) --

2684-KP - "HST MEDIUM-DEEP SURVEY "

Keywords : GALAXIES AND QUASARS, STARS, GALACTIC, EXTRAGALACTIC, BLANK SKY

Proposers: Richard E. Griffiths (PI; Stsci), R.Doxsey (Stsci), G.Gilmore (Cambridge, University Of; Uk), J.Huchra (Cfa), G.Illingworth (California, University Of, Santa Cruz), D.Koo (California, University Of, Santa Cruz), S.Lilly (Hawaii, University Of), K.Ratnatunga (Gsfc), M.Schmidt (Caltech), T.Shanks (Durham University; Uk), J.Tyson (AtT Bell Labs), D.Weedman (Penn State University), R.Windhorst (Arizona State University)

We propose to conduct a Medium-Deep Survey as a Key Project. In doing so, we plan to increase the overall efficiency of HST, mainly by taking deep multicolor images with the WF/PC in parallel mode, but also by including limited slitless grism data, and UV images with the FOC when the WF/PC is primary. In addition to the great potential for serendipitous discoveries, the parallel data are needed to undertake a number of scientifically important programs, both in Galactic and extra-galactic astronomy. In particular, we will concentrate on areas ranging from the evolution of galaxies to Galactic structure, and on serendipitous searches for objects from the solar system to goal of measuring variability and proper motions, and to optimize the limiting magnitudes and color baselines for fields of particular interest. Our access to large ground-based telescopes is a major strength of the team that will ensure that the HST survey is optimized and followed up in a timely and coordinated way, using HST only for its unique properties of UV sensitivity, high resolution and low background.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (ERUPTIVE BINARIES) --

2686 - "THE ULTRAVIOLET EMISSION FROM MAGNETIC VARIABLES "

Keywords : INTERACTING BINARY, ACCRETION, UV, EMISSION, DIAMETER

Proposers: H. S. Stockman (PI; Stsci), J.Holberg (Arizona, University Of), J.Liebert (Arizona, University Of), G.Schmidt (Arizona, University Of)

We propose to use the time-resolved spectroscopy mode of the FOS to study the origins of UV emission in the AM Her-type or magnetic variables. Since the magnetic variables are "naked" (they have no obscuring or diluting accretion disk), they have proved to be invaluable in increasing our understanding of cataclysmic variables and accretion binaries. While these systems are relatively well understood in a qualitative sense, the origin of the UV "upturn" around 1250-1500A is still a major mystery. When first discovered in AM Her by IUE, this flux was interpreted as either evidence for steady nuclear burning or direct energy deposition into the accreting white dwarf photosphere. The implied luminosities, L ~10E35 erg/s, are several orders of magnitude greater than observed in hard X-ray or optical bands. While several theories address this "soft X-ray/UV" excess, we propose to establish the size and positions of the emission regions using HST observations of eclipses by the red companion and the W.D. itself.

Prop. Type: GO Selection Cycle : 87A

QUASARS AGN -- (HOST GALAXIES) --

2687 - "GAS IN HOST GALAXIES OF QSOS-DEPENDENCE ON RADIO PROPERTIES "

Keywords : QUASAR, JET, IMAGING, RADIO.

Proposers: Richard E. Griffiths (PI; Stsci), G.Miley (Leiden University; Netherlands), C.Norman (Stsci)

It is known that the presence and nature of associated strong radio emission is intimately related to several properties of QSOs. We propose to compare the morphologies of nuclear and extranuclear gas in samples of radio-loud and radio-quiet QSOs, distinquishing between lobe-dominated and core-dominated radio sources. On this basis we define three samples having redshifts between 0.31 and 0.36. For all these objects narrow-band images of redshifted OIII, 5007/4959 will be obtained with the PC and for some of them images of redshifted (OII) 3727. Comparison of the classes will provide information as to (i) the nature of radio-emitting quasars,(ii) processes which make radio jets visible and (iii) the importance of Doppler boosting/relativistic beaming. A significant preference for flat-spectrum radio souces to be associated with peculiar galaxies would be strong evidence against all models in which radio sources are dominated by flat-spectrum nuclei only by virtue of their orientation.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (
2688 - "HIGH RESOLUTION OBSERVATIONS OF THE RECURRENT NOVA T PYX'S NEXT ERUPTION"
Keywords : NOVA, RECURRENT NOVA, INTERACTING BINARY
Proposers: Michael Shara (PI; Stsci), A.Moffat (Montreal, University Of; Canada)

The recurrent nova T Pyxidis displays at least 3 concentric shells from its most recent eruptions (1920,1944 and 1966). It is one of only a dozen novae with known shells,and once-only opportunity will exist during Y Pyxidis' next eruption (due to 1990-1991)to determine (1) the uniformity and isotropy of material (both dust and different chemical elements). (2) the smallest structures formed in nova eruptions. The Planetary Camera will be used to obtain narrowband HB, HeII and(OIII) images as well as broadband V images. These will be used to search for fluorescence and reflection light echoes from, and small-scale structure in circumstellar gas and dust ejecta.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (ASTROMETRY) --
2691- LT - "PRECISION PARALLAXES OF CEPHEIDS AND RR LYRAES USING THE WF/PC "
Keywords : STARS: CEPHEIDS, ASTROMETRY, PARALLAXES.
Proposers: Douglas K. Duncan (PI; Stsci), R.Gilliland (Stsci), D.Van Buren (Canadian Inst. For Theoretical Astrophysics; Canada)

A new technique using the WF/PC should allow astrometric positions to be determined with an accuracy of 0.0002 arcsec 0.2 m.a.s. from two PC frames. We propose an initial test of the technique. Our new technique involves trailing HST during exposures to help alleviate the problem of undersampling inherent in the WF/PC. Once our technique of precision astrometry is proven, it should have numerous applications.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (STELLAR ATMOSPHERES) --
2693 - "A SEARCH FOR MASS LOSS FROM RED GIANTS IN GLOBULAR CLUSTERS "
Keywords : GIANT, GLOBULAR CLUSTER, POPULATION II, CHROMOSPHERE, MASS LOSS
Proposers: A. K. Dupree (PI; Cfa), L.Hartmann (Cfa), I.King (California, University Of, Berkeley), G.Smith (Stsci)

To reproduce the observed color magnitude diagram of globular clusters with stellar evolution codes, it has been necessary to assume that substantial amounts of mass are lost from metal-poor stars ascending the red giant branch for the first time. Currently however, there is no direct observational detection of mass loss from such stars. We propose to obtain high resolution spectra of the 2795.5 and 2802.7 Mg II (h and k) lines for three red giants in each of the globular clusters NGC 6752 and w Centauri. The profiles of these well known chromospheric lines can establish the presence of stellar mass loss from and circumstellar material around red giant stars in globular clusters. The High Resolution Spectrograph is the only instrument available that is capable of high resolution ultraviolet spectroscopy of stars as faint as globular cluster red giants. The rate of any mass loss, as well as the outflow velocity, can be derived from fitting the observed Mg II profiles will represent fundamental data necessary for understanding late stages of the evolution of low-mass stars. In the parallel mode of observing, the Planetary Camera will be used to acquire images of a field in w Cen. These images in two colors will be used to produce color-magnitude arrays and luminosity functions of the observed regions.

Prop. Type: GO   Selection Cycle : 87A

QUASARS AGN -- (HOST GALAXIES) --

2695 - "MORPHOLOGY OF PKS 1614+051, A QUASAR-GALAXY PAIR AT Z=3.21 "

Keywords : QUASARS-HIGH-REDSHIFT-GALAXIES-GALAXY INTERACTIONS- GALAXY FORMATION.

Proposers: S. Djorgovski (PI; Caltech), M.Dickinson (California, University Of, Berkeley), P.Mccarthy (Ociw), H.Spinrad (California, University Of, Berkeley), M.Strauss (Caltech), D.Thompson (Caltech), N.Weir (Caltech)

The galaxy companion to the quasar PKS 1614+051 at z = 3.21 is one of the most distant non-QSO objects known. Ground-based observations suggest that the quasar and its galaxy companion are interacting, and that the galaxy may harbor an active nucleus. This putative interaction occurs at an epoch when quasars first appear in large numbers, and we may be witnessing an event responsible for the turn-on of the quasar activity in this system. The redshift of this system implies that it is less than 20% the current age of the universe, giving us a unique opportunity to study the star formation history and stellar population of a young and possibly forming galaxy, or a compact group of galaxies. High-resolution imaging with the HST will reveal the nature of the interaction between the companion and the quasar, and allow us to address basic questions of the nature and evolution of galaxies at extremely high redshifts, and the origins of galactic activity in the early universe. We propose imaging in the narrow band containing the Ly alpha emission line, as well as in two broad-band line-free colors to sample the stellar continuum.

Prop. Type: GO Selection Cycle : 87A

GALAXIES _CLUSTERS -- (DISTANT GALAXIES) --

2698 - "LYMAN-ALPHA IMAGING OF YOUNG AND FORMING GALAXIES AT LARGE REDSHIFTS "

Keywords : GALAXIES: FORMATION-GALAXIES: RADIO-GALAXIES:EMISSION LINE-COSMOLOGY.

Proposers: S. Djorgovski (PI; Caltech), M.Dickinson (California, University Of, Berkeley), P.Mccarthy (Mt Wilson _Las Campanas Observatories), H.Spinrad (California, University Of, Berkeley), M.Strauss (Caltech), D.Thompson (Caltech), W.Van Breugel (California, University Of, Berkeley), N.Weir (Caltech)

A number of the recently discovered optical counterparts of powerful radio sources such as 3C 294 and 3C 326.1 at z ~= 1.8 have properties which can be interpreted as those of giant galaxies or cluster cores in the process of formation. Among these are the galaxies' large size, clumpy appearance, strong Ly alpha emission, low continuum surface brightness, large velocity fields, and estimated star formation rates of several hundred Mo/yr. While the presence of strong radio lobes marks these objects as somewhat atypical, they are the best candidates for primeval galaxies now known. High-resolution UV imaging with the HST can check this hypothesis, and provide further insights into the nature of these objects. We propose to do imaging in intermediate width bands containing the Ly alpha line of our two primary primeval galaxy candidates, two other likely candidates, and four other radio galaxies with comparable redshifts which show strong Ly alpha, and bright and compact stellar continua. The initial burst of star formation in these latter objects is probably over, but they still are very young and actively evolving. Ly alpha imaging will reveal the distribution of star formation in these galaxies, and thus constrain estimates of star formation rate and gas ionization mechanisms.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (SEYFERTS) --

2711 - "THE RELATIONSHIP OF TYPE I AND TYPE II SEYFERT GALAXIES: IS IT GENERALIZABLE"

Keywords : UV POLARIMETRY, TYPE II SEYFERT GALAXY

Proposers: Ross D. Cohen (PI; California, University Of, San Diego), R.Antonucci (California, University Of, Santa Barbara)

The polarized flux spectra of a few Type II Seyfert galaxies look like the flux spectra of Type I Seyfert nuclei, and the polarization position angles are perpendicular to the radio structure axes. This may mean that all type II Seyfert galaxies have Type I spectra visible only in reflected light. The broad-line regions can be viewed directly in the cases where the tori are viewed pole on, and such objects would be classified as Type I Seyferts. It is crucial to determine whether this generalization of the polarization results is correct, and in particular whether all Type II Seyferts have highly polarized nuclear continua with position angles perpendicular to the radio source axes. We argue that contamination by host-galaxy starlight renders this virtually impossible to determine from the ground for most objects, while from space the observations would be easy and straightforward. We can use the FOS on the HST as a polarimeter, cutting down the starlight by using small apertures and observing in the UV, where the stellar flux is weak.

Prop. Type: GO Selection Cycle : 87A

QUASARS AND AGN -- (GALAXY MORPHOLOGY) --

2713 - "HIGH RESOLUTION MORPHOLOGIES AND STAR FORMATION RATES IN DISTANT, YOUNG GALAXIES"

Keywords : GALAXIES; RADIO GALAXIES; GALAXY MORPHOLOGY; GALAXY EVOLUTION

Proposers: Hyron Spinrad (PI; University Of California, Berkeley), M.Dickinson (University Of California, Berkeley), S.Djorgovski (California Institute Of Technology), P.Mccarthy (Observatories Of The Carnegie Institute Of Washington)

One of the best hopes of observing the late stages of galaxy formation is with HST imaging of high redshift radio galaxies. We propose to observe one of the brightest of such objects, 3C 256, at a wavelength corresponding to the ultraviolet stellar continuum in the emitted frame. The amazing amount of 1 arcsec substructure and the close radio-source/optical alignment found for distant ($z > 1$) radio galaxies can be studied at 0.1 arcsec (< 1 kpc) resolution for the brightest distant radio galaxies with HST. We already know that an abundance of young stars dominates the observed-frame V light throughout these systems. An important goal will be to examine in detail the elongated/segmented substructures in order to establish any presence of a "time-line" (i.e. a spatially-distributed time sequence) of star formation events within the inner 15-20 kpc of the galaxy.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (QUASAR ABSORPTION) --

2717 - "PROBING THE VOIDS "

Keywords : QUASARS, SEYFERT GALAXY, VOID.

Proposers: John Stocke (PI; Colorado, University Of), J.Case (Colorado, University Of), J.Shull (Colorado, University Of)

We propose to use the HST + FOS to verify and characterize absorption systems at the positions and velocities of cosmic voids discovered in IUE archive spectra of very bright QSOs. For the last two yers we have been re-extracting and co-adding spectra of over 200 QSOs and Seyferts whose sight-lines penetrate the nearby, well-defined voids in the directions of Coma, Bootes, Perseus-Pisces and Hercules. We propose to observe only our 4 best candidates. The purpose of this investigation is to detect hot and/or cold gas associated with the voids and eventually how they were formed. At first sight using the low resolution and SNR spectra obtained with IUE for such a project seems difficult at best. But the UV absorption lines accessible to IUE (and to HST) are often over a factor of 10 stronger than their optical counterparts (CaII and NaI) making IUE competitive with large ground-based reflectors for this purpose (see our examples in the scientific justification section).

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (OLD FIELD STARS) --

2719 - "PAGB STARS IN ELLIPTICAL AND BULGE-DOMINATED NEARBY GALAXIES "

Keywords : PAGB STARS, POPULATION II, ELLIPTICAL GALAXIES, UV IMAGING

Proposers: Francesco Bertola (PI; Department Of Astronomy Padua University; Italy), D.Burstein (Arizona State University), L.Buson (Astronomical Observatory Padua; Italy), C.Chiosi (Department Of Astronomy Padua University; Italy), S.Di Serego Alighieri (Space Telescope European Coordinating Facility; Frg)

We propose to search for the stellar population which produces the far ultraviolet rising branch from 1200-1800 A in the spectral energy distributions of early-type galaxies. One of the most likely sources of this hot emission are evolved post-asymptotic giant branch (PAGB) stars. We estimate that the brightest PAGB stars at the distance of M31 can be unambiguously detected using the far-UV imaging capabilities of HST+FOC. The possible presence of other kinds of hot stellar components that could contribute flux to the rising branch (e.g. young stars, accreting white dwarf stars in binaries) can also be detected in these images, as they will be intrinsically brighter than PAGB stars, but less numerous. If the source of this far -UV flux is PAGB stars, their absolute magnitudes in galaxies of different mean metallicities are critical tests of current theories of PAGB evolution.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (GIANT PLANETS) --

2727 - "SEARCH FOR EXOGENOUS WATER IN SATURN'S ATMOSPHERE: A CRITICAL TEST FOR RING EROSION THEORIES"

Keywords : SATURN - RINGS - ATMOSPHERE - WATER ABSORPTION

Proposers: Renee Prange (PI; Ias-Lpsp, France; France), J.Connerney (Nasa, Goddard), R.Courtin (Paris Observatory; France)

High spatial resolution observations of Saturn's UV flux are required to unambiguously detect the presence of water in Saturn's upper atmosphere and map latitudinal variations in the column abundance of exogenous water vapor. These observations are the essential test of electromagnetic ring erosion mechanisms, in which water (in the form of charged sub-micron grains) is transported along magnetic field lines from the rings to specific latitudes in the upper atmosphere. The surface expression of this erosion process is a pattern of latitudinal variation of upper atmospheric water column density at magnetic latitudes linking the rings and atmosphere, most readily identified and quantified with high spatial resolution ultraviolet spectra. We propose to map the emissions of Saturn's atmosphere with the Faint Object Camera in a wavelength range where water is expected to significantly absorb the UV (1200 A-1800 A). The spatial resolution will be a fraction of the width of the absorbing zone (one to a few degrees). This latitudinal profile will be compared with reference latitudinal profiles obtained at wavelengths where water is not an absorber.

Prop. Type: GO Selection Cycle : 87A

STELLAR POPULATIONS -- (OLD FIELD STARS) --

2735 - "A SURVEY OF THE GIANT BRANCH IN THE BULGE OF M31 "

Keywords : NUCLEAR BULGE - M GIANTS - ABUNDANCES

Proposers: R. M. Rich (PI; Columbia University)

I propose to survey the space distribution and abundances of the M giant population of the nuclear bulge of M31 using the F875M and F1042M filters of the WF/PC. The two filters isolate continuum points in the spectra of late M giants, thus allowing measurement of the metallicity range of the population, which is predicted by theories of galaxy formation to become very narrow and metal rich near the nucleus. It is expected that the giant population will be resolved to within a few arc-seconds of the nucleus, allowing a test of whether the metal rich population is more centrally concentrated than the general stellar population, as predicted by dissipative models of galaxy formation. The luminosities and colors will also place strong constraints on the fraction of intermediate-age stars in the bulge of M31.

Prop. Type: GO Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (LATE EVOLUTION) --

2741 - "NLTE SPECTRAL ANALYSIS OF THE PRE WHITE DWARF PG1159-035 "

Keywords : STARS: WHITE DWARFS; NON-LTE ANALYSIS

Proposers: K. Hunger (PI; Kiel University; Frg), U.Heber (Kiel University; Frg), T.Rauch (Kiel University; Frg)

PG1159-035 is the prototype of a new class of hydrogen-deficient pre white dwarfs (PWD) representing the hottest episode (Teff.GE.100,000K) of PWD-evolution. It also shows low-amplitude multi-periodic variations which have been identified as non-radial g-mode pulsations. Because of these properties, PG1159-035 is a rosetta stone for our understanding of the late phase of stellar evolution. Modelling of the pulsations not only allows the stellar mass to be determind but also the internal structure to be probed. However, the position of PG1159-035 in the HR diagram and its chemical surface composition are a prerequisite for the pulsational models as well as for the discussion of its evolutionary status. Due to the lack of adequate model atmospheres, these basic atmospheric parameters have not yet been determined. To construct such models is a challenging problem because non-LTE effects are large and a very peculiar composition (He-, C- and O-rich) has to be accounted for. Since available model atmosphere techniques fail, we have developed a new computer code based on operator perturbation techniques which gave way to a new generation of highly sophisticated non-LTE model atmospheres. Proposed HST spectroscopy of crucial UV lines will allow the basic atmospheric parameters to be determined with high precision. These will set important constraints to be met by pulsational and evolutionary models.

Prop. Type: GO/AM Selection Cycle : 87A

INTERSTELLAR MEDIUM -- (

2797 - "SEARCH FOR OORT COMET CLOUD UV EMISSION, SUITABLE NOVA OF OPPORTUNITY"
Keywords : COMET, NOVA, UV, EMISSION
Proposers: T. J. Hewitt (PI; Amateur Astronomers Working Group)

The aim of this proposal is to search for evidence of an Oort Cloud of comets surrounding the system of a bright galactic nova (target of opportunity), using the nova's light pulse as a "probe." Oort Cloud objects are believed to be rich in frozen volatiles (chiefly water) and organic molecules. The energetic flux of a bright nova may trigger significant activity from a large fraction of an Oort Cloud's population. The HST's unique ability to obtain high-resolution filtered images in the ultraviolet is critical to this proposal, since the OH (3085 A and 2820 A bands) products of water evaporation and dissociation processes in a remote Oort Cloud are potentially observable using the Wide Field Camera. Detection of an Oort Cloud would be a substantial result. Images obtained at two epochs (20 and 120 days from maximum luminosity) will be used to search for evidence of an Oort Cloud and may reveal information about the composition, total mass, and spatial distribution of material in the cloud.

Prop. Type: GO/AM Selection Cycle : 87A

SOLAR SYSTEM -- (

2798 - "SO2 CONCENTRATION AND BRIGHTENING FOLLOWING ECLIPSES OF IO "
Keywords : IO, POSTECLIPSE BRIGHTENING, SO2 FROST, ATMOSPHERE, SULFUR
Proposers: James J Secosky (PI; Bloomfield Central Junior-Senior High School)

Since 1964, photometric observations have sometimes reported a temporary brightening (about 0.1 magnitude of increase, lasting 10-15 minutes) of the Galilean satellite Io(JI) following eclipse. This study will image Io in 2 filters-peak wavelengths 3577 and 7120 A. This investigation attempts to determine areas of increased brightness and concentrations if SO2frost which is a hypothesised cause of the effect.

Prop. Type: GO/AM Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (
2799 - "DETECTION OF COLLAPSING PROTOPLANETS THROUGH SUPER- RESOLUTION I BAND OF NEARBY T TAURI STARS"
Keywords : T TAURI STAR, PROTOPLANETARY EVOLUTION, INFRARED IMAGING
Proposers: Ana M Larson (PI; Unaffiliated (Amateur))

Recent consolidation of planetary formation theories points to a short contraction time for the solar nebula and thus an equally short formational period for Jovian-type planet, explaining the capture of solar abundances of hydrogen and helium. A large contracting protoplanet will pass through a brief period of high luminosity. It may be possible, under ideal conditions, to detect a more massive protoplanet around nearby, solar-type T Tauri stars. The HST has the capability to perform superior quality, direct imaging at a high spectral resolution in the near-infrared needed to detect these very warm, collapsing protoplanets.

Prop. Type: GO/AM Selection Cycle : 87A

STELLAR ASTROPHYSICS -- (
2800- LT - "MAGNETIC FIELDS OF PECULIAR TYPE A VARIABLE STARS "
Keywords : VARIABLE, CHEMICALLY PECULIAR STAR, LINE, ABSORPTION UV, MAGNETIC FIELD
Proposers: Peter J. Kandefer (PI; Hst- Amateur Astronomer)

High resolution spectrometer (HRS) is used to observe one peculiar type A star to study spectral lines indicating the presence of strong magnetic fields and determine the relatively low level of atmospheric activity. Light variations during the targets star's 5-day period are already correlated to magnetic field variations. A sequence of observations on a single star is required to obtain the desired data.

Prop. Type: GO/AM Selection Cycle : 87A

GALAXIES AND CLUSTER -- (
2801 - "IMAGING THE ARC IN THE GALAXY CLUSTER 2244-02 "
Keywords : INTERACTING GALAXY, DISTANT GALAXY CLUSTER, GRAVITATIONAL LENS, STELLAR WINDS, STAR BURST, INTRACLUSTER GAS
Proposers: Ray Sterner (PI; Unaffiliated)

It is proposed to image the arc in the galaxy cluster 2244-02 to search for evidence that it is composed of stars and not a gravitationally lensed background galaxy, as currently thought. A galaxy collision model has been found that appears able to explain both the morphology of the arc and also possibly the color and brightness. This collision model also fits with the newly discovered double radio source in this cluster. The model suggests that the amount of intracluster gas passing through the arc is sufficient to account for the observed luminosity if a reasonable fraction of it were converted into high mass stars. One of the goals is to look for any trace of nebulosity along the edge of the arc that would indicate that such gas is actually being collected. If the model is verified it would be the first case of propagating star formation in an intracluster medium. High spatial resolution is needed so the HST FOC would be used for a broad-band image at f/288.

Prop. Type: GO Selection Cycle : 87A

SOLAR SYSTEM -- (
2856 - "HST OBSERVATIONS OF PERIODIC COMETS: PART 2 "
Keywords : COMET
Proposers: Harold A. Weaver (PI; Stsci), M.A'Hearn (Maryland, University Of), C.Arpigny (Liege University; Belgium), P.Feldman (Johns Hopkins University)

The volatile composition of comets is a key diagnostic of cometary formation enviroments. The trace molecular composition of cometary nuclei, in particular, can be used to infer the physical and chemical state of the solar nebula or of the interstellar cloud from which the nebula condensed. Measuring these molecular abundances is extremely difficult due to the intrinsic weakness of the emissions from the trace species and can normally be attempted only on exceptionally bright comets. The advent of HST extends the feasibility of observing trace molecules to relatively faint, periodic comets. Thus, the compositions of "new" and "old" comets can be compared systematically. We propose using the FOS to obtain the volatile inventory in the brightest periodic comets appearing during the first HST GO cycle. Simultaneous UV and visible spectra will be used to measure the abundances of the important carbon-, nitrogen-, and sulfur-bearing species in the nucleus. Our highest priority target is Hartley-2. We also propose to observe Comet Wirtanen as part of the supplemental observing program.

Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (
2859 - "LINKING HIPPARCOS TO THE EXTRAGALACTIC REFERENCE FRAME PART 2 OF 5"
Keywords : REFERENCE FRAMES, HIPPARCOS, QUASARS
Proposers: Paul D Hemenway (PI; University Of Texas At Austin), N.Argue (The Observatories; England), C.Devegt (Hamburger Sternwarte; Fgr), R.Duncombe (University Of Texas At Austin), J.Hughes (U.S. Naval Observatory), D.Jauncey (C.S.I.R.O.; Australia), K.Johnston (U.S. Naval Research Lab), J.Kovalevsky (C.E.R.G.A.; France), J.Kristian (Caltech), J.Lestrade (Bureau De Longitude; France), M.Perryman (E.S.T.E.C.; Holland), R.Preston (Jet Propulsion Lab), B.Tapley (Univ Of Texas At Austin), C.Turon (Observatoire De Meudon; France), H.Walter (Anstronomische Recheninstitut; Fgr), G.White (C.S.I.R.O.; Australia)

Determination of a non-rotating Reference Frame is crucial to progress in many areas, including: Galactic motions, local (Oort's A and B) and global (RO) parameters derived from them, solar system motion discrepancies (Planet X); and in conjunction with the VLBI radio reference frame, the registration of radio and optical images at an accuracy well below the resolution limit of HST images (0.06 arcsec). The goal of the Program is to tie the HIPPARCOS and Extra- galactic Reference Frames together at the 0.0005 arcsec and 0.0005 arcsec/year level. The HST data will allow a deter- mination of the brightness distribution in the stellar and extragalactic objects observed and time dependent changes therein at the 0.001 arcsec/year level. The Program requires targets distributed over the whole sky to define a rigid Reference Frame. GTO observations will provide initial first epoch data and preliminary proper motions. The observations will consist of relative positions of Extra- galactic objects (EGOs) and HIPPARCOS stars, measured with the FGSs, or with the FGSs and PC together in "transit circle mode". The combination of HST and HIPPARCOS observations will provide

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Prop. Type: GO Selection Cycle : 87A

QUASARS AGN -- (

2860 - "LINKING HIPPARCOS TO THE EXTRAGALACTIC REFERENCE FRAME PART 3 OF 5"

Keywords : REFERENCE FRAMES, HIPPARCOS, QUASARS

Proposers: Paul D Hemenway (PI; University Of Texas At Austin), N.Argue (The Observatories; England), C.Devegt (Hamburger Sternwarte; Fgr), R.Duncombe (University Of Texas At Austin), J.Hughes (U.S. Naval Observatory), D.Jauncey (C.S.I.R.O.; Australia), K.Johnston (U.S. Naval Research Lab), J.Kovalevsky (C.E.R.G.A.; France), J.Kristian (Caltech), J.Lestrade (Bureau De Longitude; France), M.Perryman (E.S.T.E.C.; Holland), R.Preston (Jet Propulsion Lab), B.Tapley (Univ Of Texas At Austin), C.Turon (Observatoire De Meudon; France), H.Walter (Anstronomische Recheninstitut; Fgr), G.White (C.S.I.R.O.; Australia)

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Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (
2861 - "LINKING HIPPARCOS TO THE EXTRAGALACTIC REFERENCE FRAME PART 4 OF 5"
Keywords : REFERENCE FRAMES, HIPPARCOS, QUASARS
Proposers: Paul D Hemenway (PI; University Of Texas At Austin), N.Argue (The Observatories; England), C.Devegt (Hamburger Sternwarte; Fgr), R.Duncombe (University Of Texas At Austin), J.Hughes (U.S. Naval Observatory), D.Jauncey (C.S.I.R.O.; Australia), K.Johnston (U.S. Naval Research Lab), J.Kovalevsky (C.E.R.G.A.; France), J.Kristian (Caltech), J.Lestrade (Bureau De Longitude; France), M.Perryman (E.S.T.E.C.; Holland), R.Preston (Jet Propulsion Lab), B.Tapley (Univ Of Texas At Austin), C.Turon (Observatoire De Meudon; France), H.Walter (Anstronomische Recheninstitut; Fgr), G.White (C.S.I.R.O.; Australia)

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Prop. Type: GO Selection Cycle : 87A

QUASARS _AGN -- (
2862 - "LINKING HIPPARCOS TO THE EXTRAGALACTIC REFERENCE FRAME PART 5 OF 5"
Keywords : REFERENCE FRAMES, HIPPARCOS, QUASARS
Proposers: Paul D Hemenway (PI; University Of Texas At Austin), N.Argue (The Observatories; England), C.Devegt (Hamburger Sternwarte; Fgr), R.Duncombe (University Of Texas At Austin), J.Hughes (U.S. Naval Observatory), D.Jauncey (C.S.I.R.O.; Australia), K.Johnston (U.S. Naval Research Lab), J.Kovalevsky (C.E.R.G.A.; France), J.Kristian (Caltech), J.Lestrade (Bureau De Longitude; France), M.Perryman (E.S.T.E.C.; Holland), R.Preston (Jet Propulsion Lab), B.Tapley (Univ Of Texas At Austin), C.Turon (Observatoire De Meudon; France), H.Walter (Anstronomische Recheninstitut; Fgr), G.White (C.S.I.R.O.; Australia)

4.0 THE EXPOSURE CATALOG

4.1 FIXED-TARGET OBSERVATIONS FOR GTO PROGRAMS

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
AST10-REF	-	-	FGS	POS	2	F550W		1	53	1008	0		4
AST10-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST10-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST11-REF	-	-	FGS	POS	2	F550W		1	53	1008	0		4
AST11-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST11-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST14-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST14-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST14-REF	-	-	FGS	POS	2	F550W		1	53	1008	3		4
AST15-REF	-	-	FGS	POS	2	F550W		1	104	1008	1		10
AST15-REF	-	-	FGS	POS	2	F550W		1	104	1008	2		10
AST15-REF	-	-	FGS	POS	2	F550W		1	104	1008	3		4
AST16-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST16-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST16-REF	-	-	FGS	POS	2	F550W		1	53	1008	3		4
AST17-REF	-	-	FGS	POS	2	F550W		1	104	1008	1		10
AST17-REF	-	-	FGS	POS	2	F550W		1	104	1008	2		10
AST17-REF	-	-	FGS	POS	2	F550W		1	104	1008	3		4
AST18-REF	-	-	FGS	POS	2	F550W		1	104	1008	1		10
AST18-REF	-	-	FGS	POS	2	F550W		1	104	1008	2		10
AST18-REF	-	-	FGS	POS	2	F550W		1	104	1008	3		4
AST19-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST19-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST19-REF	-	-	FGS	POS	2	F550W		1	53	1008	3		4
AST20-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST20-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST20-REF	-	-	FGS	POS	2	F550W		1	53	1008	3		4
AST21-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST21-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST21-REF	-	-	FGS	POS	2	F550W		1	53	1008	3		4
AST22-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST22-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST22-REF	-	-	FGS	POS	2	F550W		1	53	1008	3		4
AST25-REF	-	-	FGS	POS	2	F550W		1	53	1008	0		4
AST25-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST25-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST3-REF	-	-	FGS	POS	2	F550W		1	53	1008	0		4
AST3-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST3-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST4-REF	-	-	FGS	POS	2	F550W		1	53	1008	0		4
AST4-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST4-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST5-REF	-	-	FGS	POS	2	F550W		1	53	1008	0		4
AST5-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST5-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST6-REF	-	-	FGS	POS	2	F550W		1	53	1008	0		4
AST6-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST6-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST7-REF	-	-	FGS	POS	2	F550W		1	104	1008	0		4
AST7-REF	-	-	FGS	POS	2	F550W		1	104	1008	1		10
AST7-REF	-	-	FGS	POS	2	F550W		1	104	1008	2		10
AST8-REF	-	-	FGS	POS	2	F550W		1	53	1008	0		4

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
AST8-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST8-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
AST9-REF	-	-	FGS	POS	2	F550W		1	53	1008	0		4
AST9-REF	-	-	FGS	POS	2	F550W		1	53	1008	1		10
AST9-REF	-	-	FGS	POS	2	F550W		1	53	1008	2		10
PCENRR	-	-	FGS	POS	2	F5ND		0	53	1008	0		4
PCENRR	-	-	FGS	POS	2	F5ND		0	53	1008	1		10
PCENRR	-	-	FGS	POS	2	F5ND		0	53	1008	2		10
PCENSU	-	-	FGS	POS	2	F5ND		0	53	1008	1		10
PCENSU	-	-	FGS	POS	2	F5ND		0	53	1008	2		10
PCENSU	-	-	FGS	POS	2	F5ND		0	53	1008	3		4
RR-LYRAE	-	-	FGS	POS	2	F5ND		1	53	1008	0		8
RR-LYRAE	-	-	FGS	POS	2	F5ND		1	53	1008	1		20
RR-LYRAE	-	-	FGS	POS	2	F5ND		1	53	1008	2		20
SU-CAS	-	-	FGS	POS	2	F5ND		1	53	1008	1		20
SU-CAS	-	-	FGS	POS	2	F5ND		1	53	1008	2		20
SU-CAS	-	-	FGS	POS	2	F5ND		1	53	1008	3		8
FLD-L1	0 3 54.2	-73 28 14	PC	IMAGE	ALL	F555W		1	1500	1295	1	PAR	1
FLD-L1	0 3 54.2	-73 28 14	PC	IMAGE	ALL	F785LP		1	600	1295	1	PAR	1
FLD-L1	0 3 54.2	-73 28 14	PC	IMAGE	ALL	F785LP		1	1500	1295	1	PAR	1
LINDSAY-1	0 3 54.2	-73 28 14	FOC/96	IMAGE	512X1024	F342W		1	600	1295	2		1
LINDSAY-1	0 3 54.2	-73 28 14	FOC/96	IMAGE	512X1024	F430W		1	1500	1295	2		1
LINDSAY-1	0 3 54.2	-73 28 14	FOC/96	IMAGE	512X1024	F480LP		1	1500	1295	2		1
0002-422	0 4 48.3	-41 57 28	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
UM18	0 5 20.3	5 24 10	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
UM18	0 5 20.3	5 24 10	FOS/RD	ACCUM	1.0	G400H	4013	1	300	1025	2		1
PKS0003+15	0 5 59.3	16 9 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1024	2	ACQ	1
PKS0003+15	0 5 59.3	16 9 49	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1024	2	ACQ	1
PKS0003+15	0 5 59.3	16 9 49	FOS/BL	ACCUM	1.0	G160L	1837	1	300	1024	2		1
PKS0003+15	0 5 59.3	16 9 49	FOS/RD	ACCUM	1.0	G190H	1980	1	600	1024	2		1
PKS0003+15	0 5 59.3	16 9 49	FOS/RD	ACCUM	1.0	G270H	2753	1	540	1024	2		1
HD108	0 6 3.4	63 40 48	HRS	ACCUM	0.25	G160M	1390	1	60	1152	2		3
HD108	0 6 3.4	63 40 48	HRS	ACCUM	0.25	G160M	1235	1	60	1152	2		3
HD108	0 6 3.4	63 40 48	HRS	ACCUM	0.25	G160M	1544	1	60	1152	2		3
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G140L	1590	1	1140	1170	2		1
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G140L	1315	1	780	1170	2		1
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G200M	1975	1	420	1170	2		1
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G200M	1901	1	420	1170	2		1
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G200M	1939	1	420	1170	2		1
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G200M	2013	1	420	1170	2		1
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G270M	2928	1	180	1170	2		1
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G270M	2968	1	180	1170	2		1
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G270M	2772	1	180	1170	2		1
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G270M	2812	1	180	1170	2		1
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G270M	2852	1	180	1170	2		1
MRK335	0 6 19.5	20 12 10	HRS	ACCUM	2.0	G270M	2888	1	180	1170	2		1
0007+106	0 10 30.7	10 58 29	FOS/RD	ACCUM	4.3	PRISM	3675	1	30	1154	1		1
0007+106	0 10 30.7	10 58 29	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1154	1	ACQ	1
OFFSET-0007+106	0 10 30.8	10 58 35*	FOS/RD	ACCUM	2.0-BAR	PRISM	3675	1	1800	1154	1		1
NGC40-C2	0 10 37.5	72 21 20	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	1		39
NGC40-C2	0 10 37.5	72 21 20	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	1		39
NGC40-C2	0 10 37.5	72 21 20	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	1		39

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC40-C2	0 10 37.5	72 21 20	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	2		6
NGC40-C2	0 10 37.5	72 21 20	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	2		6
NGC40-C2	0 10 37.5	72 21 20	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	2		6
SX-CAS	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G160M	1400	1	300	1190	2		1
SX-CAS	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G160M	1670	1	300	1190	2		1
SX-CAS	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G160M	1400	2	450	1190	2		1
SX-CAS	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G160M	1670	2	450	1190	2		1
SX-CAS	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G160M	1335	1	300	1190	2		1
SX-CAS	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G160M	1335	2	450	1190	2		1
SX-CAS	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G160M	1538	1	300	1190	2		1
SX-CAS	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G160M	1538	2	450	1190	2		1
HDE232121	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G140L	1280	1	30	1174	1		1
HDE232121	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G140L	1280	1	80	1174	1		1
HDE232121	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G140L	1555	1	30	1174	1		1
HDE232121	0 10 42.1	54 53 30	HRS	ACCUM	0.25	G140L	1555	1	80	1174	1		1
NGC40-C1	0 11 23.2	72 41 34	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	1		39
NGC40-C1	0 11 23.2	72 41 34	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	1		39
NGC40-C1	0 11 23.2	72 41 34	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	1		39
NGC40-C1	0 11 23.2	72 41 34	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	2		6
NGC40-C1	0 11 23.2	72 41 34	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	2		6
NGC40-C1	0 11 23.2	72 41 34	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	2		6
NGC40	0 13 1.1	72 31 19	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	1		78
NGC40	0 13 1.1	72 31 19	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	1		78
NGC40	0 13 1.1	72 31 19	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	1		78
NGC40	0 13 1.1	72 31 19	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	2		12
NGC40	0 13 1.1	72 31 19	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	2		12
NGC40	0 13 1.1	72 31 19	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	2		12
NGC55	0 14 54.5	-39 11 19	FOC/96	IMAGE	512X512	F275W		1	900	1056	1		1
NGC55	0 14 54.5	-39 11 19	FOC/288	IMAGE	512X512	F275W		1	1800	1056	2	CON SEL	1
NGC55	0 14 54.5	-39 11 19	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	2	CON SEL	1
KK-68.3	0 16 24.7	15 57 32*	WFC	IMAGE	ALL	F555W		1	3599	1282	1	PAR	1
KK-68.4	0 16 25.8	15 58 1*	WFC	IMAGE	ALL	F555W		1	1799	1282	1	PAR	1
SA68-8846	0 16 31.4	15 52 20	FOC/48	IMAGE	512X1024	F130LP		2	899	1282	2		1
SA68-8489	0 16 33.6	15 51 44	FOC/96	IMAGE	512X1024	F130LP		2	899	1282	2		1
SA68-8624	0 16 37.1	15 51 41	FOC/48	IMAGE	512X1024	F130LP		2	1799	1282	2		1
KK-68.5	0 16 40.3	15 36 13*	WFC	IMAGE	ALL	F555W		1	3599	1282	1	PAR	1
SA68-R3	0 16 50.9	15 42 16	FOC/48	IMAGE	512X1024	F130LP		2	1799	1282	2		1
KK-68.1	0 16 53.5	15 48 28*	WFC	IMAGE	ALL	F555W		1	1799	1282	1	PAR	1
SA68-BLUE-CL	0 17 0.6	16 7 19	FOC/48	IMAGE	512X1024	F275W		1	12000	1282	2		1
SA68-BLUE-CL	0 17 0.6	16 7 19	FOC/48	IMAGE	512X1024	F130LP		2	1000	1282	2		3
0014+813	0 17 8.6	81 35 9	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
S50014+81	0 17 8.6	81 35 9	FOS/RD	ACCUM	0.5	PRISM	3500	1	37	1027	0		2
S50014+81	0 17 8.6	81 35 9	FOS/RD	ACCUM	0.5	PRISM	3500	1	1350	1027	0		1
S50014+81	0 17 8.6	81 35 9	FOS/RD	ACCUM	0.5	G270H	2700	1	3000	1027	2		1
S50014+81	0 17 8.6	81 35 9	FOS/BL	ACCUM	0.5	G130H	1300	1	4000	1027	2	CON	1
S50014+81	0 17 8.6	81 35 9	FOS/RD	ACCUM	0.5	G190H	1900	1	3000	1027	2	CON	1
S50014+81	0 17 8.6	81 35 9	FOS/BL	ACCUM	0.5	G160L	1650	1	37	1027	0		2
S50014+81	0 17 8.6	81 35 9	FOS/BL	ACCUM	0.5	G160L	1650	1	750	1027	0		1
S50014+81	0 17 8.6	81 35 9	FOS/BL	ACQ/BINA	4.3	MIRROR		1	8	1027	0	ACQ	1
S50014+81	0 17 8.6	81 35 9	FOS/RD	ACQ/BINA	4.3	MIRROR		1	8	1027	0	ACQ	1
S50014+81	0 17 8.6	81 35 9	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ	1
S50014+81	0 17 8.6	81 35 9	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ CON	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
KK-68.2	0 17 11.7	16 1 19*	WFC	IMAGE	ALL	F555W		1	2000	1282	1	PAR	1
KK-68.2	0 17 11.7	16 1 19*	WFC	IMAGE	ALL	F336W		1	12000	1282	1	PAR	1
KK-68.2	0 17 11.7	16 1 19*	WFC	IMAGE	ALL	F785LP		1	2000	1282	1	PAR	2
SA68.2-T2-1-2	0 18 2.2	16 29 25	FOC/48	IMAGE	512X1024	F130LP		2	1710	1282	1	CON SEL PAR	1
GRB-34B	0 18 12.4	44 1 21	WFC	IMAGE	W4	F606W		1	60	1109	1		6
SA68-1	0 18 19.2	16 2 24	WFC	IMAGE	ALL	F555W		1	540	1020	0	CON SEL	1
SA68-1	0 18 19.2	16 2 24	WFC	IMAGE	ALL	F555W		1	2160	1020	0	CON SEL	1
SA68-1	0 18 19.2	16 2 24	WFC	IMAGE	ALL	F785LP		1	540	1020	0	CON SEL	1
SA68-1	0 18 19.2	16 2 24	WFC	IMAGE	ALL	F785LP		1	2160	1020	0	CON SEL	1
0015+162	0 18 32.0	16 29 25	FOS/BL	ACCUM	1.0	G160L		1	2000	1043	1		1
0015+162	0 18 32.0	16 29 25	FOS/BL	ACCUM	1.0	G190H		2	2000	1043	1		1
0015+162	0 18 32.0	16 29 25	FOS/BL	ACCUM	1.0	G270H		2	2000	1043	1		1
0015+162	0 18 32.0	16 29 25	FOS/BL	ACQ/BINA	4.3	MIRROR		1	13	1043	1	ACQ	1
CL0016+16	0 18 33.6	16 26 16	WFC	IMAGE	ALL	F785LP		2	1800	1282	1	SEL	1
CL0016+16	0 18 33.6	16 26 16	WFC	IMAGE	ALL	F785LP		2	1800	1282	1	CON SEL	1
3C9	0 20 25.1	15 40 55	PC	IMAGE	ALL	F606W		1	1200	1058	1		1
GAL-CLUS-002013+040754	0 22 53.2	4 24 18	WFC	IMAGE	ALL	F622W		3	2300	1115	3		1
GAL-CLUS-002013+040754	0 22 53.2	4 24 18	WFC	IMAGE	ALL	F785LP		3	2300	1115	3		1
HD1909	0 23 12.6	-31 2 9	HRS	ACCUM	0.25	ECH-B	1942	1	637	1182	2		1
HD1909	0 23 12.6	-31 2 9	HRS	ACCUM	0.25	ECH-A	1362	1	1065	1182	2		1
NGC104	0 24 4.5	-72 4 57	PC	IMAGE	ALL	F439W	4385	1	500	1053	1	ACQ	1
NGC104	0 24 4.5	-72 4 57	PC	IMAGE	ALL	F284W	2841	1	500	1053	1	ACQ	1
NGC104	0 24 4.5	-72 4 57	PC	IMAGE	ALL	F336W	3363	1	500	1053	1	ACQ	1
NGC104	0 24 4.5	-72 4 57	PC	IMAGE	ALL	F656N	6599	1	500	1053	1	ACQ	1
NGC104-OFFSET	0 24 4.5	-72 4 57	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1053	1	ACQ CON	1
NGC104-STAR	0 24 4.5	-72 4 57*	FOS/RD	ACCUM	0.3	PRISM		1	500	1053	1	CON	1
NGC104-STAR	0 24 4.5	-72 4 57*	FOS/RD	ACCUM	0.3	PRISM		1	1000	1053	1	CON	1
NGC104-STAR	0 24 4.5	-72 4 57*	FOS/RD	ACCUM	0.3	G570H		1	3500	1053	1	CON	1
NGC104	0 24 5.2	-72 4 50	PC	IMAGE	ALL	F555W		1	3	1019	2		1
NGC104	0 24 5.2	-72 4 50	PC	IMAGE	ALL	F785LP		1	0	1019	2		1
NGC104	0 24 5.2	-72 4 50	PC	IMAGE	ALL	F555W	5479	1	26	1007	0		3
NGC104	0 24 5.2	-72 4 50	PC	IMAGE	ALL	F791W	8537	1	26	1007	0		2
NGC104	0 24 5.2	-72 4 50	PC	IMAGE	ALL	F555W	5479	1	26	1007	1		3
NGC104	0 24 5.2	-72 4 50	PC	IMAGE	ALL	F791W	8537	1	26	1007	1		2
NGC104	0 24 5.2	-72 4 50	PC	IMAGE	ALL	F555W	5479	1	26	2946	1		3
NGC104	0 24 5.2	-72 4 50	PC	IMAGE	ALL	F791W	8537	1	26	2946	1		2
NGC104	0 24 5.2	-72 4 50	PC	IMAGE	ALL	F555W	5479	1	26	2943	0		3
NGC104	0 24 5.2	-72 4 50	PC	IMAGE	ALL	F791W	8537	1	26	2943	0		2
NGC104	0 24 5.2	-72 4 50	FOC/96	IMAGE	512X1024	F430W		1	1500	1279	1		1
NGC104	0 24 5.2	-72 4 50	FOC/96	IMAGE	512X1024	F430W		1	1500	1279	2		2
NGC104	0 24 5.2	-72 4 50	FOC/96	IMAGE	512X1024	F480LP		1	1500	1279	1		1
NGC104	0 24 5.2	-72 4 50	FOC/96	IMAGE	512X1024	F480LP		1	1500	1279	2		2
NGC104-OUTER	0 24 5.2	-72 4 50	WFC	IMAGE	ALL	F555W		1	1320	1279	1	PAR	3
NGC104-OUTER	0 24 5.2	-72 4 50	WFC	IMAGE	ALL	F785LP		1	1320	1279	1	PAR	3
TYCHOS-SNR	0 25 18.9	64 8 25	WFC	IMAGE	ALL	F336W		1	1200	1098	3		1
TYCHOS-SNR	0 25 18.9	64 8 25	WFC	IMAGE	ALL	F702W		1	1200	1098	3	ACQ	1
TYCHOS-SNR	0 25 18.9	64 8 25	HSP/VIS	SINGLE	0.4	F160LP		1	1200	1098	3	CON	2
TYCHOS-SNR	0 25 18.9	64 8 25	FOS/RD	ACCUM	0.3	G650L	6000	1	1800	1098	3	CON	1
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F555W	5479	1	100	1007	0		3

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F555W	5479	1	1000	1007	0		3
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F791W	8537	1	100	1007	0		2
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F791W	8537	1	1000	1007	0		2
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F555W	5479	1	100	1007	1		3
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F555W	5479	1	1000	1007	1		3
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F791W	8537	1	100	1007	1		2
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F791W	8537	1	1000	1007	1		2
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F555W	5479	1	100	2946	1		3
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F555W	5479	1	1000	2946	1		3
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F791W	8537	1	100	2946	1		2
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F791W	8537	1	1000	2946	1		2
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F555W	5479	1	100	2943	0		3
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F555W	5479	1	1000	2943	0		3
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F791W	8537	1	100	2943	0		2
NGC104E1	0 25 29.7	-72 4 50*	PC	IMAGE	ALL	F791W	8537	1	1000	2943	0		2
QSO0023+171B	0 25 37.0	17 28 4	HSP/VIS	PEAKUP	10.0	F160LP		1	60	1391	1	ACQ	1
QSO0023+171B	0 25 37.0	17 28 4	FOC/96	IMAGE	512X512	F320W		1	1800	1391	1		1
QSO0023+171B	0 25 37.0	17 28 4	HSP/UV2	STAR-SKY	0.4-A	F284M		1	300	1391	1		1
QSO0023+171B	0 25 37.0	17 28 4	HSP/UV2	STAR-SKY	0.4-B	F248M		1	300	1391	1		1
QSO0023+171B	0 25 37.0	17 28 4	HSP/VIS	STAR-SKY	0.4-A	F551W		1	60	1391	1		1
QSO0023+171B	0 25 37.0	17 28 4	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	300	1391	1		26
QSO0023+171A	0 25 37.1	17 28 0*	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1391	1	ACQ	1
QSO0023+171A	0 25 37.1	17 28 0*	HSP/UV2	STAR-SKY	0.4-A	F284M		1	300	1391	1		1
QSO0023+171A	0 25 37.1	17 28 0*	HSP/UV2	STAR-SKY	0.4-B	F248M		1	300	1391	1		1
QSO0023+171A	0 25 37.1	17 28 0*	HSP/VIS	STAR-SKY	0.4-A	F551W		1	300	1391	1		1
QSO0023+171A	0 25 37.1	17 28 0*	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	300	1391	1		26
HD2262	0 26 12.1	-43 40 48	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD2262	0 26 12.1	-43 40 48	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD2262	0 26 12.1	-43 40 48	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD2262	0 26 12.1	-43 40 48	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
GAL-CLUS-002400+165300	0 26 32.9	17 9 46	WFC	IMAGE	ALL	F555W		1	2200	1115	0		1
GAL-CLUS-002400+165300	0 26 32.9	17 9 46	WFC	IMAGE	ALL	F702W		1	2200	1115	0		1
GAL-CLUS-002400+165300	0 26 32.9	17 9 46	WFC	IMAGE	ALL	F555W		2	2300	1115	1		1
GAL-CLUS-002400+165300	0 26 32.9	17 9 46	WFC	IMAGE	ALL	F702W		2	2300	1115	1		1
GAL-CLUS-002400+165300-75-EAST	0 26 41.0	17 9 36	WFC	IMAGE	ALL	F555W		1	2200	1115	3		1
GAL-CLUS-002400+165300-75-EAST	0 26 41.0	17 9 36	WFC	IMAGE	ALL	F702W		1	2200	1115	3		1
NGC104E2	0 27 0.7	-72 4 47*	PC	IMAGE	ALL	F555W	5479	1	100	1007	0		3
NGC104E2	0 27 0.7	-72 4 47*	PC	IMAGE	ALL	F555W	5479	1	1000	1007	0		3
NGC104E2	0 27 0.7	-72 4 47*	PC	IMAGE	ALL	F791W	8537	1	100	1007	0		2
NGC104E2	0 27 0.7	-72 4 47*	PC	IMAGE	ALL	F791W	8537	1	1000	1007	0		2
NGC104E2	0 27 0.7	-72 4 47*	PC	IMAGE	ALL	F555W	5479	1	100	2943	0		3
NGC104E2	0 27 0.7	-72 4 47*	PC	IMAGE	ALL	F555W	5479	1	1000	2943	0		3
NGC104E2	0 27 0.7	-72 4 47*	PC	IMAGE	ALL	F791W	8537	1	100	2943	0		2
NGC104E2	0 27 0.7	-72 4 47*	PC	IMAGE	ALL	F791W	8537	1	1000	2943	0		2
NAB0024+22	0 27 15.3	22 41 59	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1024	2	ACQ	1
NAB0024+22	0 27 15.3	22 41 59	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1024	2	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NAB0024+22	0 27 15.3	22 41 59	FOS/BL	ACCUM	1.0	G160L	1837	1	600	1024	2		1
NAB0024+22	0 27 15.3	22 41 59	FOS/RD	ACCUM	1.0	G190H	1980	1	600	1024	2		1
NAB0024+22	0 27 15.3	22 41 59	FOS/RD	ACCUM	1.0	G270H	2753	1	1200	1024	2		1
L11-OFF2	0 27 36.2	-72 46 55*	PC	IMAGE	ALL	F555W		1	1500	1295	2	SEL	1
L11-OFF2	0 27 36.2	-72 46 55*	PC	IMAGE	ALL	F785LP		1	600	1295	2	SEL	2
L11-OFF2	0 27 36.2	-72 46 55*	PC	IMAGE	ALL	F785LP		1	1500	1295	2	SEL	3
L11-OFF1	0 27 41.8	-72 46 55*	FOC/96	IMAGE	512X1024	F342W		1	600	1295	2		1
L11-OFF1	0 27 41.8	-72 46 55*	FOC/96	IMAGE	512X1024	F430W		1	1500	1295	2		1
L11-OFF1	0 27 41.8	-72 46 55*	FOC/96	IMAGE	512X1024	F480LP		1	1500	1295	2		1
FLD-L11	0 27 43.5	-72 46 55	PC	IMAGE	ALL	F555W		1	1500	1295	1	PAR	1
FLD-L11	0 27 43.5	-72 46 55	PC	IMAGE	ALL	F785LP		1	600	1295	1	PAR	1
FLD-L11	0 27 43.5	-72 46 55	PC	IMAGE	ALL	F785LP		1	1500	1295	1	PAR	1
FLD-L11	0 27 43.5	-72 46 55	FOC/96	IMAGE	512X1024	F342W		1	600	1295	2	SEL PAR	2
FLD-L11	0 27 43.5	-72 46 55	FOC/96	IMAGE	512X1024	F430W		1	1500	1295	2	SEL PAR	3
FLD-L11	0 27 43.5	-72 46 55	FOC/96	IMAGE	512X1024	F480LP		1	1500	1295	2	SEL PAR	1
PG0026+12	0 29 13.7	13 16 4	FOS/RD	ACCUM	0.5	PRISM	3500	1	200	1026	0		1
PG0026+12	0 29 13.7	13 16 4	FOS/RD	ACCUM	0.5	PRISM	3500	1	200	1026	3		1
PG0026+12	0 29 13.7	13 16 4	FOS/BL	ACCUM	0.5	G130H	1300	1	3000	1026	0		1
PG0026+12	0 29 13.7	13 16 4	FOS/RD	ACCUM	0.5	G270H	2700	1	400	1026	0		1
PG0026+12	0 29 13.7	13 16 4	FOS/BL	ACCUM	0.5	G130H	1300	1	3000	1026	3		1
PG0026+12	0 29 13.7	13 16 4	FOS/RD	ACCUM	0.5	G270H	2700	1	400	1026	3		1
PG0026+12	0 29 13.7	13 16 4	FOS/RD	ACCUM	0.5	G190H	1900	1	1500	1026	0		1
PG0026+12	0 29 13.7	13 16 4	FOS/RD	ACCUM	0.5	G190H	1900	1	1500	1026	3		1
PG0026+12	0 29 13.7	13 16 4	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1026	0	ACQ	1
PG0026+12	0 29 13.7	13 16 4	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1026	0	ACQ	1
PG0026+12	0 29 13.7	13 16 4	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1026	3	ACQ	1
PG0026+12	0 29 13.7	13 16 4	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1026	3	ACQ	1
PG0026+129	0 29 13.8	13 16 5	WFC	IMAGE	ALL	F725LP		1	5	1116	3		1
PG0026+129	0 29 13.8	13 16 5	WFC	IMAGE	ALL	F725LP		1	1700	1116	3		1
PG0026+129	0 29 13.8	13 16 5	WFC	IMAGE	ALL	F725LP		1	212	1116	3		1
NGC128-NUC	0 29 15.0	2 51 53	PC	IMAGE	P7	F555W		1	120	1118	3		1
NGC128-NUC	0 29 15.0	2 51 53	PC	IMAGE	P7	F555W		1	1200	1118	3		1
Q0028+003	0 31 31.5	0 34 20	FOC/96	IMAGE	512X512	F430W		2	1800	1234	1		1
Q0028+003	0 31 31.5	0 34 20	FOC/96	IMAGE	512X512	F342W		2	1800	1234	3		1
UM253	0 31 35.6	0 34 22	FOC/96	IMAGE	512X512	F220W		1	900	1233	2		1
UM253	0 31 35.6	0 34 22	FOC/96	IMAGE	512X512	F346M		1	1800	1233	2		1
SMC-N2	0 32 38.9	-71 41 59	FOC/96	IMAGE	512X512	F486N		1	1000	1266	1		1
SMC-N2	0 32 38.9	-71 41 59	FOC/96	IMAGE	512X512	F501N		1	1000	1266	1		1
SMC-N2	0 32 38.9	-71 41 59	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
K1	0 32 46.5	39 34 37	WFC	IMAGE	ALL	F555W		1	2500	1117	2		1
K1	0 32 46.5	39 34 37	WFC	IMAGE	ALL	F785LP		1	2200	1117	2		1
M31-G1	0 32 46.9	39 34 41	FOC/96	IMAGE	512X1024	F430W		1	1750	1283	1		1
M31-G1	0 32 46.9	39 34 41	FOC/96	IMAGE	512X1024	F430W		1	1750	1283	2		1
M31-G1	0 32 46.9	39 34 41	FOC/96	IMAGE	512X1024	F480LP		1	5540	1283	1		1
M31-G1	0 32 46.9	39 34 41	FOC/96	IMAGE	512X1024	F480LP		1	5540	1283	2		1
M31HALO-FIELD1	0 32 46.9	39 34 41	WFC	IMAGE	ALL	F785LP		1	5180	1283	1	PAR	2
M31HALO-FIELD1	0 32 46.9	39 34 41	WFC	IMAGE	ALL	F555W		1	1389	1283	1	PAR	2
HD2905	0 32 60.0	62 55 54	HRS	ACCUM	0.25	ECH-B	2312	4	360	1066	1		1
NGC147	0 33 12.2	48 30 32	FOC/96	IMAGE	512X1024	F430W		1	1500	1277	3		1
NGC147	0 33 12.2	48 30 32	FOC/96	IMAGE	512X1024	F480LP		1	1500	1277	3		1
3C13	0 34 14.7	39 24 8	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
NGC147-OFF	0 34 34.7	48 38 47	PC	IMAGE	ALL	F555W		1	1140	1277	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC147-OFF	0 34 34.7	48 38 47	PC	IMAGE	ALL	F785LP		1	1140	1277	1	PAR	1
M31-FIELD184B	0 37 24.9	39 56 41	WFC	IMAGE	ALL	F336W		1	100	1120	0		1
M31-FIELD184B	0 37 24.9	39 56 41	WFC	IMAGE	ALL	F555W		1	100	1120	0		1
M31-FIELD184B	0 37 24.9	39 56 41	WFC	IMAGE	ALL	F336W		1	1800	1120	0		1
M31-FIELD184B	0 37 24.9	39 56 41	WFC	IMAGE	ALL	F555W		1	2100	1120	0		1
M31-FIELD184B	0 37 24.9	39 56 41	WFC	IMAGE	ALL	F785LP		1	100	1120	0		1
M31-FIELD184B	0 37 24.9	39 56 41	WFC	IMAGE	ALL	F785LP		1	1800	1120	0		1
M31-FIELD184A	0 37 32.3	40 0 41	WFC	IMAGE	ALL	F336W		1	100	1120	0		1
M31-FIELD184A	0 37 32.3	40 0 41	WFC	IMAGE	ALL	F555W		1	100	1120	0		1
M31-FIELD184A	0 37 32.3	40 0 41	WFC	IMAGE	ALL	F336W		1	1800	1120	0		1
M31-FIELD184A	0 37 32.3	40 0 41	WFC	IMAGE	ALL	F555W		1	2100	1120	0		1
M31-FIELD184A	0 37 32.3	40 0 41	WFC	IMAGE	ALL	F785LP		1	100	1120	0		1
M31-FIELD184A	0 37 32.3	40 0 41	WFC	IMAGE	ALL	F785LP		1	1800	1120	0		1
B59-A184	0 37 35.6	40 1 5	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	400	1267	2		1
NGC185-PN1-OFFSET-STARS-FIELD	0 38 55.9	48 19 4*	WFC	IMAGE	ALL	F502N		1	60	1046	0	ACQ	1
NGC185-PN1-OFFSET-STARS-FIELD	0 38 55.9	48 19 4*	WFC	IMAGE	ALL	F555W		1	15	1046	0		1
NGC185-PN1	0 38 56.8	48 19 22	FOS/BL	ACCUM	1.0	G130H		1	1450	1046	2		1
NGC185-PN1	0 38 56.8	48 19 22	FOS/BL	ACCUM	1.0	G190H		1	1450	1046	2		1
NGC185-PN1	0 38 56.8	48 19 22	FOS/BL	ACCUM	1.0	G270H		1	1450	1046	2		1
NGC185-PN1-OFFSET-STAR	0 38 56.8	48 19 22*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1046	2	ACQ	1
NGC185	0 38 58.0	48 20 18	FOC/96	IMAGE	512X1024	F430W		1	1500	1277	3		1
NGC185	0 38 58.0	48 20 18	FOC/96	IMAGE	512X1024	F480LP		1	1500	1277	3		1
NGC185-OFF	0 38 58.0	48 20 18	PC	IMAGE	ALL	F555W		1	1140	1277	1	PAR	1
NGC185-OFF	0 38 58.0	48 20 18	PC	IMAGE	ALL	F785LP		1	1140	1277	1	PAR	1
OB138/WR1	0 39 33.5	40 20 18	FOS/BL	ACQ/BINA	4.3	MIRROR		1	40	1150	1	ACQ	1
OB138/WR1	0 39 33.5	40 20 18	FOS/BL	ACCUM	0.5	G160L	1836	1	1600	1150	1		1
M31-FIELD138A	0 39 35.3	40 19 47	WFC	IMAGE	ALL	F555W		1	1000	1120	3		1
M31-FIELD138A	0 39 35.3	40 19 47	WFC	IMAGE	ALL	F336W		1	2200	1120	3		1
M31-FIELD138A	0 39 35.3	40 19 47	WFC	IMAGE	ALL	F785LP		1	1000	1120	3		1
M31-FIELD138B	0 39 43.4	40 16 23	WFC	IMAGE	ALL	F555W		1	1000	1120	3		1
M31-FIELD138B	0 39 43.4	40 16 23	WFC	IMAGE	ALL	F336W		1	2200	1120	3		1
M31-FIELD138B	0 39 43.4	40 16 23	WFC	IMAGE	ALL	F785LP		1	1000	1120	3		1
HVIII	0 39 54.7	41 47 42	WFC	IMAGE	ALL	F555W		1	2500	1117	2		1
HVIII	0 39 54.7	41 47 42	WFC	IMAGE	ALL	F785LP		1	2200	1117	2		1
NGC205-PN7	0 40 17.9	41 38 32	FOS/BL	ACCUM	1.0	G130H		1	1450	1046	2		1
NGC205-PN7	0 40 17.9	41 38 32	FOS/BL	ACCUM	1.0	G190H		1	1450	1046	2		1
NGC205-PN7	0 40 17.9	41 38 32	FOS/BL	ACCUM	1.0	G270H		1	1450	1046	2		1
NGC205-PN7-OFFSET-STAR	0 40 17.9	41 38 32*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1046	2	ACQ	1
NGC205-PN7-OFFSET-STARS-FIELD	0 40 18.6	41 38 40*	WFC	IMAGE	ALL	F502N		1	60	1046	0	ACQ	1
NGC205-PN7-OFFSET-STARS-FIELD	0 40 18.6	41 38 40*	WFC	IMAGE	ALL	F555W		1	15	1046	0		1
NGC205-OFFSET-STARS-FIELD	0 40 19.1	41 40 33*	WFC	IMAGE	ALL	F606W		1	15	1041	0	ACQ	1
NGC205	0 40 22.0	41 41 7	PC	IMAGE	ALL	F230W		1	1000	1041	0	ACQ	1
NGC205	0 40 22.0	41 41 7	PC	IMAGE	ALL	F547M		1	200	1041	0	ACQ	1
NGC205	0 40 22.0	41 41 7	PC	IMAGE	ALL	F664N		1	1000	1041	0	ACQ	1
NGC205	0 40 22.0	41 41 7	FOS/BL	ACCUM	0.3	G160L		1	1000	1041	2	CON SEL	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC205	0 40 22.0	41 41 7	FOS/RD	ACCUM	0.3	G270H		1	500	1041	2	CON SEL	1
NGC205	0 40 22.0	41 41 7	FOS/RD	ACCUM	0.3	G400H		1	200	1041	2	CON SEL	1
NGC205	0 40 22.0	41 41 7	FOS/RD	ACCUM	0.3	G570H		1	200	1041	2	CON SEL	1
NGC205-OFF	0 40 22.0	41 41 7*	FOS/BL	ACCUM	0.3	G160L		1	1000	1041	2	CON SEL	1
NGC205-OFF	0 40 22.0	41 41 7*	FOS/RD	ACCUM	0.3	G270H		1	500	1041	2	CON SEL	1
NGC205-OFF	0 40 22.0	41 41 7*	FOS/RD	ACCUM	0.3	G400H		1	200	1041	2	CON SEL	1
NGC205-OFF	0 40 22.0	41 41 7*	FOS/RD	ACCUM	0.3	G570H		1	200	1041	2	CON SEL	1
NGC205-OFFSET-STAR	0 40 22.0	41 41 7*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1041	2	ACQ CON	1
NGC205	0 40 22.1	41 41 7	FOC/96	IMAGE	512X1024	F430W		1	1500	1277	3		1
NGC205	0 40 22.1	41 41 7	FOC/96	IMAGE	512X1024	F480LP		1	1500	1277	3		1
NGC205	0 40 22.1	41 41 7	FOC/48	IMAGE	128X128-ASLIT	F430W		1	100	1278	1	ACQ SEL	1
NGC205	0 40 22.1	41 41 7	FOC/48	IMAGE	128X128-ASLIT	F430W		1	100	1278	1	ACQ CON SEL	1
NGC205	0 40 22.1	41 41 7	FOC/48	IMAGE	128X128-ASLIT	F430W		1	100	1278	2	ACQ SEL	1
NGC205	0 40 22.1	41 41 7	FOC/48	IMAGE	128X128-ASLIT	F430W		1	100	1278	2	ACQ CON SEL	1
NGC205	0 40 22.1	41 41 7	FOC/48	SPEC	256X1024-SLIT	G450M	5175	1	1500	1278	1	SEL	2
NGC205	0 40 22.1	41 41 7	FOC/48	SPEC	256X1024-SLIT	G450M	5175	1	2250	1278	2	SEL	1
NGC205	0 40 22.1	41 41 7	FOC/48	SPEC	256X1024-SLIT	G450M	5175	1	2250	1278	2	CON SEL	1
NGC205-EDGE	0 40 22.5	41 41 6	WFC	IMAGE	ALL	F555W		1	1200	1278	1	SEL PAR	1
NGC205-EDGE	0 40 22.5	41 41 6	WFC	IMAGE	ALL	F555W		1	840	1278	1	CON SEL PAR	1
NGC205-EDGE	0 40 22.5	41 41 6	WFC	IMAGE	ALL	F785LP		1	1200	1278	1	SEL PAR	1
NGC205-EDGE	0 40 22.5	41 41 6	WFC	IMAGE	ALL	F785LP		1	840	1278	1	CON SEL PAR	1
M31-FIELD81A	0 40 26.5	40 32 26	WFC	IMAGE	ALL	F555W		1	1000	1120	2		1
M31-FIELD81A	0 40 26.5	40 32 26	WFC	IMAGE	ALL	F336W		1	2200	1120	2		1
M31-FIELD81A	0 40 26.5	40 32 26	WFC	IMAGE	ALL	F785LP		1	1000	1120	2		1
K58	0 40 26.6	41 27 17	WFC	IMAGE	ALL	F555W		1	2500	1117	1		1
K58	0 40 26.6	41 27 17	WFC	IMAGE	ALL	F785LP		1	2200	1117	1		1
M31-FIELDN206	0 40 29.4	40 43 58	WFC	IMAGE	ALL	F336W		1	1000	1120	0		1
M31-FIELDN206	0 40 29.4	40 43 58	WFC	IMAGE	ALL	F555W		1	400	1120	0		1
M31-FIELDN206	0 40 29.4	40 43 58	WFC	IMAGE	ALL	F785LP		1	400	1120	0		1
NGC206/277	0 40 30.3	40 42 33	FOS/BL	ACQ/BINA	4.3	MIRROR		1	30	1150	1	ACQ	1
NGC206/277	0 40 30.3	40 42 33	FOS/BL	ACCUM	0.5	G130H	1379	1	900	1150	1		1
NGC206/277	0 40 30.3	40 42 33	FOS/BL	ACCUM	0.5	G190H	1938	1	100	1150	1		1
NGC206/277	0 40 30.3	40 42 33	FOS/BL	ACCUM	0.5	G270H	2766	1	30	1150	1		1
A78-NGC206	0 40 33.5	40 44 15	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	400	1267	2		1
M31-FIELD81B	0 40 49.5	40 28 27	WFC	IMAGE	ALL	F555W		1	1000	1120	2		1
M31-FIELD81B	0 40 49.5	40 28 27	WFC	IMAGE	ALL	F336W		1	2200	1120	2		1
M31-FIELD81B	0 40 49.5	40 28 27	WFC	IMAGE	ALL	F785LP		1	1000	1120	2		1
G73	0 40 55.5	41 41 25	PC	IMAGE	ALL	F555W		1	1140	1277	1	PAR	1
G73	0 40 55.5	41 41 25	PC	IMAGE	ALL	F555W		1	680	1278	1	SEL PAR	1
G73	0 40 55.5	41 41 25	PC	IMAGE	ALL	F555W		1	680	1278	1	CON SEL PAR	1
G73	0 40 55.5	41 41 25	PC	IMAGE	ALL	F785LP		1	1000	1278	1	SEL PAR	1
G73	0 40 55.5	41 41 25	PC	IMAGE	ALL	F785LP		1	1000	1278	1	CON SEL PAR	1
G73	0 40 55.5	41 41 25	PC	IMAGE	ALL	F785LP		1	1140	1277	1	PAR	1
NGC224-0038+4148	0 41 6.3	42 1 43	WFC	IMAGE	ALL	F555W		1	2500	1117	3		1
NGC224-0038+4148	0 41 6.3	42 1 43	WFC	IMAGE	ALL	F785LP		1	2200	1117	3		1
SMC-N5	0 41 22.0	-72 45 15	FOC/96	IMAGE	512X512	F486N		1	1000	1266	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SMC-N5	0 41 22.0	-72 45 15	FOC/96	IMAGE	512X512	F501N		1	1000	1266	1		1
SMC-N5	0 41 22.0	-72 45 15	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
LHS1126	0 41 26.0	-22 21 3	FOS/BL	ACCUM	0.5	G160L	1725	1	3000	1050	0		1
LHS1126	0 41 26.0	-22 21 3	FOS/BL	ACCUM	0.5	PRISM	2075	1	300	1050	0		1
LHS1126	0 41 26.0	-22 21 3	FOS/BL	ACCUM	0.5	G270H	2766	1	1200	1050	0		1
LHS1126	0 41 26.0	-22 21 3	FOS/BL	ACQ/BINA	4.3	MIRROR		1	3	1050	0	ACQ	1
M31-G96	0 41 28.3	40 53 50	FOC/96	IMAGE	512X1024	F430W		1	1750	1283	2		1
M31-G96	0 41 28.3	40 53 50	FOC/96	IMAGE	512X1024	F480LP		1	5540	1283	2		1
M31HALO-FIELD5	0 41 28.3	40 53 50	WFC	IMAGE	ALL	F785LP		1	5180	1283	1	PAR	1
M31HALO-FIELD5	0 41 28.3	40 53 50	WFC	IMAGE	ALL	F555W		1	1389	1283	1	PAR	1
M31-G119	0 41 53.3	40 47 10	FOC/96	IMAGE	512X1024	F430W		1	1750	1283	2		1
M31-G119	0 41 53.3	40 47 10	FOC/96	IMAGE	512X1024	F480LP		1	5540	1283	2		1
M31HALO-FIELD4	0 41 53.3	40 47 10	WFC	IMAGE	ALL	F785LP		1	5180	1283	1	PAR	1
M31HALO-FIELD4	0 41 53.3	40 47 10	WFC	IMAGE	ALL	F555W		1	1389	1283	1	PAR	1
NGC224-0040+4100	0 42 10.7	40 36 6	PC	IMAGE	P7	F555W		1	20	1118	0		1
G141	0 42 12.6	41 19 0	PC	IMAGE	ALL	F555W		1	240	1277	1	PAR	2
G141	0 42 12.6	41 19 0	PC	IMAGE	ALL	F555W		1	240	1277	2	PAR	1
G141	0 42 12.6	41 19 0	PC	IMAGE	ALL	F555W		1	680	1278	1	SEL PAR	1
G141	0 42 12.6	41 19 0	PC	IMAGE	ALL	F785LP		1	1000	1278	1	SEL PAR	1
G141	0 42 12.6	41 19 0	PC	IMAGE	ALL	F785LP		1	1170	1277	1	PAR	1
G141	0 42 12.6	41 19 0	PC	IMAGE	ALL	F785LP		1	1140	1278	1	SEL PAR	1
G142	0 42 13.9	40 48 39	PC	IMAGE	ALL	F555W		1	1140	1277	1	PAR	1
G142	0 42 13.9	40 48 39	PC	IMAGE	ALL	F785LP		1	240	1277	1	PAR	2
G142	0 42 13.9	40 48 39	PC	IMAGE	ALL	F785LP		1	1140	1277	1	PAR	1
G142	0 42 13.9	40 48 39	PC	IMAGE	ALL	F785LP		1	240	1277	2	PAR	1
G142	0 42 13.9	40 48 39	PC	IMAGE	ALL	F785LP		1	1140	1278	1	CON PAR	1
G142	0 42 13.9	40 48 39	PC	IMAGE	ALL	F785LP		1	2039	1278	1	SEL PAR	1
NGC224-OFF-3	0 42 34.6	41 13 48	FOC/96	IMAGE	512X1024	F430W		1	600	1277	1		1
NGC224-OFF-3	0 42 34.6	41 13 48	FOC/96	IMAGE	512X1024	F480LP		1	600	1277	1		1
M32-PN1	0 42 35.9	40 53 0	FOS/BL	ACCUM	1.0	G130H		1	1450	1046	2		1
M32-PN1	0 42 35.9	40 53 0	FOS/BL	ACCUM	1.0	G190H		1	1450	1046	2		1
M32-PN1	0 42 35.9	40 53 0	FOS/BL	ACCUM	1.0	G270H		1	1450	1046	2		1
M32-PN1-OFFSET-STAR	0 42 35.9	40 53 0*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1046	2	ACQ	1
M32-PN1-OFFSET-STARS -FIELD	0 42 36.9	40 53 5*	WFC	IMAGE	ALL	F502N		1	60	1046	0	ACQ	1
M32-PN1-OFFSET-STARS -FIELD	0 42 36.9	40 53 5*	WFC	IMAGE	ALL	F555W		1	15	1046	0		1
NGC224-OFF-2	0 42 41.6	41 15 18	FOC/96	IMAGE	512X1024	F480LP		1	600	1277	2		1
NGC221-POS-B4	0 42 42.0	40 51 55*	FOS/RD	ACCUM	0.5-PAIR	G570H		1	549	1044	2		1
NGC221-POS-B3	0 42 42.0	40 51 55*	FOS/RD	ACCUM	0.5-PAIR	G570H		1	210	1044	2	CON	1
NGC221-POS-B2	0 42 42.0	40 51 54*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	525	1044	2		1
NGC221-POS-B1	0 42 42.0	40 51 54*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	459	1044	2	CON	1
NGC221	0 42 42.0	40 51 54	FOC/48	IMAGE	512X1024	F175W		1	1500	1278	0		1
NGC221	0 42 42.0	40 51 54	FOC/48	IMAGE	128X128-ASLIT	F430W		1	100	1278	0	ACQ	1
NGC221	0 42 42.0	40 51 54	FOC/48	IMAGE	128X128-ASLIT	F430W		1	100	1278	1	ACQ CON SEL	1
NGC221	0 42 42.0	40 51 54	FOC/96	IMAGE	512X512	F1ND F480LP F4ND		1	600	1277	1		1
NGC221	0 42 42.0	40 51 54	FOC/48	SPEC	256X1024-SLIT	G450M	5175	1	1500	1278	0		1
NGC221	0 42 42.0	40 51 54	FOC/48	SPEC	256X1024-SLIT	G450M	5175	1	2250	1278	1	CON SEL	1
NGC221	0 42 42.0	40 51 54	PC	IMAGE	ALL	F230W		1	1000	1041	0	ACQ	1
NGC221	0 42 42.0	40 51 54	PC	IMAGE	ALL	F547M		1	200	1041	0	ACQ	1
NGC221	0 42 42.0	40 51 54	PC	IMAGE	ALL	F664N		1	1000	1041	0	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC221	0 42 42.0	40 51 54	FOS/BL	ACCUM	0.3	G160L		1	1000	1041	2	CON SEL	1
NGC221	0 42 42.0	40 51 54	FOS/RD	ACCUM	0.3	G270H		1	500	1041	2	CON SEL	1
NGC221	0 42 42.0	40 51 54	FOS/RD	ACCUM	0.3	G400H		1	200	1041	2	CON SEL	1
NGC221	0 42 42.0	40 51 54	FOS/RD	ACCUM	0.3	G570H		1	200	1041	2	CON SEL	1
NGC221	0 42 42.0	40 51 54	FOS/RD	ACCUM	0.25-PAIR	G570H		1	399	1044	2		1
NGC221-OFF	0 42 42.0	40 51 54*	FOS/BL	ACCUM	0.3	G160L		1	1000	1041	2	CON SEL	1
NGC221-OFF	0 42 42.0	40 51 54*	FOS/RD	ACCUM	0.3	G270H		1	500	1041	2	CON SEL	1
NGC221-OFF	0 42 42.0	40 51 54*	FOS/RD	ACCUM	0.3	G400H		1	200	1041	2	CON SEL	1
NGC221-OFF	0 42 42.0	40 51 54*	FOS/RD	ACCUM	0.3	G570H		1	200	1041	2	CON SEL	1
NGC221-OFFSET-STAR	0 42 42.0	40 51 54*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1041	2	ACQ CON	1
NGC221-OFFSET-STAR	0 42 42.0	40 51 54*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1044	2	ACQ	1
NGC221-POS-A1	0 42 42.0	40 51 54*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	459	1044	2	CON	1
NGC221-POS-A2	0 42 42.0	40 51 54*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	525	1044	2		1
NGC221-POS-A3	0 42 42.0	40 51 53*	FOS/RD	ACCUM	0.5-PAIR	G570H		1	210	1044	2	CON	1
NGC221-POS-A4	0 42 42.0	40 51 53*	FOS/RD	ACCUM	0.5-PAIR	G570H		1	549	1044	2		1
NGC221-NUC	0 42 42.1	40 51 57	PC	IMAGE	ALL	F555W		1	3	1118	0		1
NGC221-NUC	0 42 42.1	40 51 57	PC	IMAGE	ALL	F555W		1	30	1118	0		1
NGC221-NUC	0 42 42.1	40 51 57	PC	IMAGE	ALL	F555W		1	100	1118	0		1
NGC221-NUC	0 42 42.1	40 51 57	PC	IMAGE	ALL	F785LP		1	50	1118	0		1
NGC221-NUC	0 42 42.1	40 51 57	PC	IMAGE	ALL	F785LP		1	18	1118	0		1
NGC221-NUC	0 42 42.1	40 51 57	PC	IMAGE	ALL	F785LP		1	2	1118	0		1
NGC221-OFFSET-STARS-FIELD	0 42 42.2	40 51 42*	WFC	IMAGE	ALL	F606W		1	15	1044	0	ACQ	1
NGC221-OFF-1	0 42 43.0	40 51 39	FOC/96	IMAGE	512X1024	F480LP		1	600	1277	1		1
S-AND	0 42 43.2	41 16 5*	FOS/BL	ACCUM	0.5	G160L		1	700	1044	1	CON	1
NGC224-OFF-1	0 42 43.6	41 15 51	FOC/96	IMAGE	512X1024	F480LP		1	600	1277	2		1
NGC224-NUC	0 42 44.2	41 16 9	PC	IMAGE	ALL	F555W		1	8	1118	0		1
NGC224-NUC	0 42 44.2	41 16 9	PC	IMAGE	ALL	F555W		1	80	1118	0		1
NGC224-NUC	0 42 44.2	41 16 9	PC	IMAGE	ALL	F555W		1	260	1118	0		1
NGC224-NUC	0 42 44.2	41 16 9	PC	IMAGE	ALL	F785LP		1	6	1118	0		1
NGC224-NUC	0 42 44.2	41 16 9	PC	IMAGE	ALL	F785LP		1	70	1118	0		1
NGC224-NUC	0 42 44.2	41 16 9	WFC	IMAGE	ALL	F230W		1	1000	1118	2		2
NGC224-NUC	0 42 44.2	41 16 9	WFC	IMAGE	ALL	F336W		1	1000	1118	2		2
NGC224-NUC	0 42 44.2	41 16 9	WFC	IMAGE	ALL	F555W		1	500	1118	2		2
NGC224-NUC	0 42 44.2	41 16 9	PC	IMAGE	ALL	F785LP		1	140	1118	0		1
M31-NOVA1	0 42 44.3	41 16 8	FOS/BL	ACCUM	0.3	G130H		1	650	1047	2		1
M31-NOVA1	0 42 44.3	41 16 8	FOS/BL	ACCUM	0.3	G190H		1	650	1047	2		1
M31-NOVA1	0 42 44.3	41 16 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1047	2	ACQ	1
M31-NOVA2	0 42 44.3	41 16 8	FOS/BL	ACCUM	0.3	G130H		1	650	1047	2		1
M31-NOVA2	0 42 44.3	41 16 8	FOS/BL	ACCUM	0.3	G190H		1	650	1047	2		1
M31-NOVA2	0 42 44.3	41 16 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1047	2	ACQ	1
M31-NOVA3	0 42 44.3	41 16 8	FOS/BL	ACCUM	0.3	G130H		1	650	1047	3		1
M31-NOVA3	0 42 44.3	41 16 8	FOS/BL	ACCUM	0.3	G190H		1	650	1047	3		1
M31-NOVA3	0 42 44.3	41 16 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1047	3	ACQ	1
A16-24	0 42 44.3	41 25 26	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	5400	1267	2		1
NGC221-OFF-2	0 42 44.3	40 51 2	FOC/96	IMAGE	512X1024	F480LP		1	600	1277	1		1
NGC224-POS4SW	0 42 44.4	41 16 8*	FOS/RD	ACCUM	0.5-PAIR	G570H		1	450	1044	1		1
NGC224-POS3SW	0 42 44.5	41 16 8*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	360	1044	1	CON	1
NGC224-POS2SW	0 42 44.5	41 16 8*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	555	1044	1		1
NGC224-POS1SW	0 42 44.5	41 16 8*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	335	1044	1	CON	1
NGC224	0 42 44.5	41 16 8	FOC/48	IMAGE	512X1024	F175W		1	1500	1278	0	SEL	1
NGC224	0 42 44.5	41 16 8	FOC/48	IMAGE	128X128-ASLIT	F430W		1	100	1278	0	ACQ CON SEL	1

Target	RA(2ØØØ)	Dec(2ØØØ)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC224	Ø 42 44.5	41 16 8	FOC/48	IMAGE	128X128-ASLIT	F43ØW		1	1ØØ	1278	1	ACQ SEL	2
NGC224	Ø 42 44.5	41 16 8	FOC/48	IMAGE	128X128-ASLIT	F43ØW		1	1ØØ	1278	1	ACQ CON SEL	1
NGC224	Ø 42 44.5	41 16 8	FOC/96	IMAGE	512X512	F1ND F48ØLP F4ND		1	6ØØ	1277	2		1
NGC224	Ø 42 44.5	41 16 8	FOC/48	SPEC	256X1Ø24-SLIT	G45ØM	5175	1	15ØØ	1278	Ø	SEL	1
NGC224	Ø 42 44.5	41 16 8	FOC/48	SPEC	256X1Ø24-SLIT	G45ØM	5175	1	15ØØ	1278	1	SEL	1
NGC224	Ø 42 44.5	41 16 8	FOC/48	SPEC	256X1Ø24-SLIT	G45ØM	5175	1	225Ø	1278	1	CON SEL	2
NGC224	Ø 42 44.5	41 16 8	PC	IMAGE	ALL	F23ØW		1	1ØØØ	1Ø41	Ø	ACQ	1
NGC224	Ø 42 44.5	41 16 8	PC	IMAGE	ALL	F375N		1	9ØØ	1Ø44	Ø	ACQ	1
NGC224	Ø 42 44.5	41 16 8	PC	IMAGE	ALL	F547M		1	3ØØ	1Ø44	Ø	ACQ	1
NGC224	Ø 42 44.5	41 16 8	PC	IMAGE	ALL	F658N		1	9ØØ	1Ø44	Ø	ACQ	1
NGC224	Ø 42 44.5	41 16 8	WFC	IMAGE	ALL	F157W		1	2748	1Ø44	Ø	ACQ	1
NGC224	Ø 42 44.5	41 16 8	FOS/BL	ACCUM	Ø.3	G16ØL		1	1ØØØ	1Ø41	1	CON SEL	1
NGC224	Ø 42 44.5	41 16 8	FOS/RD	ACCUM	Ø.3	G27ØH		1	5ØØ	1Ø41	1	CON SEL	1
NGC224	Ø 42 44.5	41 16 8	FOS/RD	ACCUM	Ø.3	G4ØØH		1	2ØØ	1Ø41	1	CON SEL	1
NGC224	Ø 42 44.5	41 16 8	FOS/RD	ACCUM	Ø.3	G57ØH		1	2ØØ	1Ø41	1	CON SEL	1
NGC224	Ø 42 44.5	41 16 8	FOS/RD	ACCUM	Ø.25-PAIR	G57ØH		1	3ØØ	1Ø44	1		1
NGC224-CLOUD1	Ø 42 44.5	41 16 8*	FOS/RD	ACCUM	Ø.25-PAIR	G57ØH		1	35Ø	1Ø44	1	CON	1
NGC224-CLOUD2	Ø 42 44.5	41 16 8*	FOS/RD	ACCUM	Ø.25-PAIR	G57ØH		1	3ØØ	1Ø44	1	CON	1
NGC224-CLOUD3	Ø 42 44.5	41 16 8*	FOS/RD	ACCUM	Ø.25-PAIR	G57ØH		1	35Ø	1Ø44	1	CON	1
NGC224-CLOUD4	Ø 42 44.5	41 16 8*	FOS/RD	ACCUM	Ø.25-PAIR	G57ØH		1	3ØØ	1Ø44	1	CON	1
NGC224-OFF	Ø 42 44.5	41 16 8*	FOS/BL	ACCUM	Ø.3	G16ØL		1	1ØØØ	1Ø41	1	CON SEL	1
NGC224-OFF	Ø 42 44.5	41 16 8*	FOS/RD	ACCUM	Ø.3	G27ØH		1	5ØØ	1Ø41	1	CON SEL	1
NGC224-OFF	Ø 42 44.5	41 16 8*	FOS/RD	ACCUM	Ø.3	G4ØØH		1	2ØØ	1Ø41	1	CON SEL	1
NGC224-OFF	Ø 42 44.5	41 16 8*	FOS/RD	ACCUM	Ø.3	G57ØH		1	2ØØ	1Ø41	1	CON SEL	1
NGC224-OFFSET-STAR	Ø 42 44.5	41 16 8*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1Ø41	1	ACQ CON	1
NGC224-OFFSET-STAR	Ø 42 44.5	41 16 8*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1Ø44	1	ACQ	1
NGC224-OFFSET-STAR	Ø 42 44.5	41 16 8*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1Ø44	1	ACQ CON	1
NGC224-OFFSET-STAR	Ø 42 44.5	41 16 8*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1Ø44	1	ACQ CON	1
NGC224-POS1NE	Ø 42 44.5	41 16 9*	FOS/RD	ACCUM	Ø.25-PAIR	G57ØH		1	335	1Ø44	1	CON	1
NGC224-BULGE	Ø 42 44.5	41 16 9	PC	IMAGE	ALL	F555W		1	84Ø	1278	1	SEL PAR	1
NGC224-BULGE	Ø 42 44.5	41 16 9	PC	IMAGE	ALL	F555W		1	39Ø	1278	1	CON SEL PAR	1
NGC224-BULGE	Ø 42 44.5	41 16 9	PC	IMAGE	ALL	F785LP		1	84Ø	1278	1	SEL PAR	1
NGC224-BULGE	Ø 42 44.5	41 16 9	PC	IMAGE	ALL	F785LP		1	39Ø	1278	1	CON SEL PAR	1
M31-BULGE	Ø 42 44.6	41 17 49	WFC	IMAGE	ALL	F555W		1	1ØØØ	112Ø	Ø		1
M31-BULGE	Ø 42 44.6	41 17 49	WFC	IMAGE	ALL	F336W		1	22ØØ	112Ø	Ø		1
M31-BULGE	Ø 42 44.6	41 17 49	WFC	IMAGE	ALL	F785LP		1	1ØØØ	112Ø	Ø		1
NGC224-POS2NE	Ø 42 44.6	41 16 9*	FOS/RD	ACCUM	Ø.25-PAIR	G57ØH		1	555	1Ø44	1		1
NGC224-POS3NE	Ø 42 44.6	41 16 9*	FOS/RD	ACCUM	Ø.25-PAIR	G57ØH		1	36Ø	1Ø44	1	CON	1
NGC224-POS4NE	Ø 42 44.6	41 16 9*	FOS/RD	ACCUM	Ø.5-PAIR	G57ØH		1	45Ø	1Ø44	1		1
NGC224-OFFSET-STARS-FIELD	Ø 42 45.Ø	41 15 46*	WFC	IMAGE	ALL	F6Ø6W		1	15	1Ø44	Ø	ACQ	1
NGC221-OFF-3	Ø 42 45.6	4Ø 5Ø 4	FOC/96	IMAGE	512X1Ø24	F43ØW		1	15ØØ	1277	2		1
NGC221-OFF-3	Ø 42 45.6	4Ø 5Ø 4	FOC/96	IMAGE	512X1Ø24	F48ØLP		1	15ØØ	1277	2		1
NGC221-POS1	Ø 42 47.7	4Ø 51 3	WFC	IMAGE	ALL	F555W		1	1ØØØ	1114	2		1
NGC221-POS1	Ø 42 47.7	4Ø 51 3	WFC	IMAGE	ALL	F336W		1	22ØØ	1114	2		1
NGC221-POS1	Ø 42 47.7	4Ø 51 3	WFC	IMAGE	ALL	F785LP		1	1ØØØ	1114	2		1
NGC224-OFF-4	Ø 43 2.2	41 1Ø 28	FOC/96	IMAGE	512X1Ø24	F43ØW		1	15ØØ	1277	1		1
NGC224-OFF-4	Ø 43 2.2	41 1Ø 28	FOC/96	IMAGE	512X1Ø24	F48ØLP		1	15ØØ	1277	1		1
NGC221-POS2	Ø 43 4.4	4Ø 54 4Ø	WFC	IMAGE	ALL	F555W		1	1ØØØ	1114	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC221-POS2	0 43 4.4	40 54 40	WFC	IMAGE	ALL	F336W		1	2200	1114	2		1
NGC221-POS2	0 43 4.4	40 54 40	WFC	IMAGE	ALL	F785LP		1	1000	1114	2		1
3C20W	0 43 7.0	52 3 40	PC	IMAGE	ALL	F606W		1	1200	1058	1		1
M31-G213	0 43 14.6	41 7 22	FOC/96	IMAGE	512X1024	F430W		1	1750	1283	2		1
M31-G213	0 43 14.6	41 7 22	FOC/96	IMAGE	512X1024	F480LP		1	5540	1283	2		1
M31HALO-FIELD8	0 43 14.6	41 7 22	WFC	IMAGE	ALL	F785LP		1	5180	1283	1	PAR	1
M31HALO-FIELD8	0 43 14.6	41 7 22	WFC	IMAGE	ALL	F555W		1	1389	1283	1	PAR	1
K219	0 43 17.8	39 49 11	WFC	IMAGE	ALL	F555W		1	2500	1117	0		1
K219	0 43 17.8	39 49 11	WFC	IMAGE	ALL	F785LP		1	2200	1117	0		1
M31-G219	0 43 18.1	39 49 13	FOC/96	IMAGE	512X1024	F430W		1	1750	1283	1		1
M31-G219	0 43 18.1	39 49 13	FOC/96	IMAGE	512X1024	F430W		1	1750	1283	2		1
M31-G219	0 43 18.1	39 49 13	FOC/96	IMAGE	512X1024	F480LP		1	5540	1283	1		1
M31-G219	0 43 18.1	39 49 13	FOC/96	IMAGE	512X1024	F480LP		1	5540	1283	2		1
M31HALO-FIELD2	0 43 18.1	39 49 13	WFC	IMAGE	ALL	F785LP		1	5180	1283	1	PAR	2
M31HALO-FIELD2	0 43 18.1	39 49 13	WFC	IMAGE	ALL	F555W		1	1389	1283	1	PAR	2
HD4128	0 43 36.1	-17 59 10	HRS	ACCUM	2.0	G200M	1900	1	900	1176	2		1
HD4128	0 43 36.1	-17 59 10	HRS	ACCUM	2.0	G140L	1304	1	700	1176	2		1
HD4128	0 43 36.1	-17 59 10	HRS	ACCUM	2.0	G140L	1574	1	700	1176	2		1
G233	0 43 36.9	41 8 12	PC	IMAGE	ALL	F555W		1	1140	1277	1	PAR	1
G233	0 43 36.9	41 8 12	PC	IMAGE	ALL	F785LP		1	1140	1277	1	PAR	1
FEIGE7	0 43 45.9	-10 0 25	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1049	2	ACQ	1
FEIGE7	0 43 45.9	-10 0 25	FOS/BL	ACCUM	0.5	G130H	1379	1	2000	1049	2		4
M31-G263	0 44 3.3	41 4 57	FOC/96	IMAGE	512X1024	F430W		1	1750	1283	2		1
M31-G263	0 44 3.3	41 4 57	FOC/96	IMAGE	512X1024	F480LP		1	5540	1283	2		1
M31HALO-FIELD6	0 44 3.3	41 4 57	WFC	IMAGE	ALL	F785LP		1	5180	1283	1	PAR	1
M31HALO-FIELD6	0 44 3.3	41 4 57	WFC	IMAGE	ALL	F555W		1	1389	1283	1	PAR	1
NGC221-0039+4035	0 44 12.9	40 39 1	PC	IMAGE	P7	F555W		1	20	1118	0		1
A1-14	0 44 14.7	41 34 24	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	5400	1267	2		1
0042-248	0 44 28.1	-24 34 18	FOS/BL	ACCUM	1.0-PAIR	G130H		1	4000	1267	2		1
M31-G280	0 44 29.8	41 21 36	FOC/96	IMAGE	512X1024	F430W		1	1750	1283	2		2
M31-G280	0 44 29.8	41 21 36	FOC/96	IMAGE	512X1024	F480LP		1	5540	1283	2		2
M31HALO-FIELD3	0 44 29.8	41 21 36	WFC	IMAGE	ALL	F785LP		1	5180	1283	1	PAR	2
M31HALO-FIELD3	0 44 29.8	41 21 36	WFC	IMAGE	ALL	F555W		1	1389	1283	1	PAR	2
A32-33-36-38	0 44 32.7	41 21 24	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1400	1267	2		1
NGC246	0 44 32.9	-12 8 44	PC	IMAGE	ALL	F157W		1	120	1212	2		1
NGC246	0 44 32.9	-12 8 44	PC	IMAGE	ALL	F194W		1	120	1212	2		1
NGC246	0 44 32.9	-12 8 44	PC	IMAGE	ALL	F517N		1	120	1212	2		1
NGC246	0 44 32.9	-12 8 44	HRS	ACCUM	2.0	G140L	1420	1	33	1212	2		1
NGC246	0 44 32.9	-12 8 44	HRS	ACCUM	2.0	G140L	1250	1	16	1212	2		1
NGC246	0 44 32.9	-12 8 44	HRS	ACCUM	2.0	G140L	1670	1	99	1212	2		1
M31-FIELD	0 44 34.6	40 58 42	FOC/96	IMAGE	512X512	F430W		8	900	1237	2		1
M31-FIELD	0 44 34.6	40 58 42	FOC/96	IMAGE	512X512	F430W		1	720	1237	1		1
M31-FIELD	0 44 34.6	40 58 42	FOC/96	IMAGE	512X512	F480LP		11	900	1237	2		1
M31-FIELD	0 44 34.6	40 58 42	FOC/96	IMAGE	512X512	F480LP		1	1019	1237	1		1
HD4174	0 44 37.2	40 40 47	HRS	ACCUM	0.25	ECH-A34	1640	1	246	1198	0		1
HD4174	0 44 37.2	40 40 47	HRS	ACCUM	0.25	ECH-A40	1400	1	246	1198	0		1
HD4174	0 44 37.2	40 40 47	HRS	ACCUM	0.25	ECH-A36	1550	1	27	1198	0		1
A39-42	0 44 50.8	41 28 24	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1400	1267	2		1
SMC-J2	0 45 9.9	-73 20 32	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
OB48/444	0 45 15.3	41 37 47	FOS/BL	ACQ/BINA	4.3	MIRROR		1	40	1150	1	ACQ	1
OB48/444	0 45 15.3	41 37 47	FOS/BL	ACCUM	0.5	G190H	1938	1	400	1150	1		1
OB48/444	0 45 15.3	41 37 47	FOS/BL	ACCUM	0.5	G270H	2766	1	100	1150	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
0B48/444	0 45 15.3	41 37 47	FOS/BL	ACCUM	0.5	G130H	1379	1	3200	1150	1		1
SMC-L66	0 45 20.7	-73 24 4	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
ARP230	0 46 24.1	-13 26 31	WFC	IMAGE	ALL	F555W		1	30	1105	1		1
ARP230	0 46 24.1	-13 26 31	WFC	IMAGE	ALL	F555W		1	230	1105	1		1
ARP230	0 46 24.1	-13 26 31	WFC	IMAGE	ALL	F555W		1	1400	1105	1		1
ARP230	0 46 24.1	-13 26 31	WFC	IMAGE	ALL	F785LP		1	30	1105	1		1
ARP230	0 46 24.1	-13 26 31	WFC	IMAGE	ALL	F785LP		1	230	1105	1		1
ARP230	0 46 24.1	-13 26 31	WFC	IMAGE	ALL	F785LP		1	1400	1105	1		1
NGC246	0 47 0.9	-11 52 37	WFC	IMAGE	ALL	F469N		1	2100	1107	2		1
NGC246	0 47 0.9	-11 52 37	WFC	IMAGE	ALL	F656N		1	2100	1107	2		1
NGC246	0 47 0.9	-11 52 37	WFC	IMAGE	ALL	F658N		1	2100	1107	2		1
NGC253-OFFSET-STARS-FIELD	0 47 29.7	-25 18 13*	WFC	IMAGE	ALL	F606W		1	15	1038	2	ACQ	1
NGC253	0 47 33.2	-25 17 17	PC	IMAGE	ALL	F502N		1	900	1038	2	ACQ	1
NGC253	0 47 33.2	-25 17 17	PC	IMAGE	ALL	F664N		3	300	1038	2	ACQ	1
NGC253	0 47 33.2	-25 17 17	PC	IMAGE	ALL	F547M		1	180	1038	2	ACQ	1
NGC253	0 47 33.2	-25 17 17	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	SEL	1
NGC253	0 47 33.2	-25 17 17	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	SEL	1
NGC253	0 47 33.2	-25 17 17	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC253	0 47 33.2	-25 17 17	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC253	0 47 33.2	-25 17 17	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC253-CLOUD1	0 47 33.2	-25 17 17*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	SEL	1
NGC253-CLOUD1	0 47 33.2	-25 17 17*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	SEL	1
NGC253-CLOUD1	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC253-CLOUD1	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC253-CLOUD1	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC253-CLOUD2	0 47 33.2	-25 17 17*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	SEL	1
NGC253-CLOUD2	0 47 33.2	-25 17 17*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	SEL	1
NGC253-CLOUD2	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC253-CLOUD2	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC253-CLOUD2	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC253-CLOUD3	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC253-CLOUD3	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC253-CLOUD3	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC253-CLOUD3	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC253-CLOUD3	0 47 33.2	-25 17 17*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	CON SEL	1
NGC253-CLOUD3	0 47 33.2	-25 17 17*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	CON SEL	1
NGC253-CLOUD4	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC253-CLOUD5	0 47 33.2	-25 17 17*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC253-OFFSET-STAR	0 47 33.2	-25 17 17*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ SEL	1
NGC253-OFFSET-STAR	0 47 33.2	-25 17 17*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ SEL	1
NGC253	0 47 34.4	-25 17 20	FOC/96	IMAGE	512X512	F275W		1	900	1056	2		1
NGC253	0 47 34.4	-25 17 20	FOC/288	IMAGE	512X512	F275W		1	1800	1056	2	CON SEL	1
NGC253	0 47 34.4	-25 17 20	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	2	CON SEL	1
0046-293	0 48 29.6	-29 3 21	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
MKN348	0 48 47.2	31 57 25	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
MKN348	0 48 47.2	31 57 25	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
MKN348	0 48 47.2	31 57 25	FOC/288	IMAGE	512X512	F372M		1	600	1228	2		1
MKN348	0 48 47.2	31 57 25	FOC/288	IMAGE	512X512	F370LP		1	300	1228	2		1
MKN348	0 48 47.2	31 57 25	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
MK348	0 48 47.2	31 57 24	FOC/96	IMAGE	512X512	F501N		1	1000	1224	1		1
MK348	0 48 47.2	31 57 24	FOC/48	SPEC	256X1024-SLIT	F305LP G450M	4400	1	3100	1224	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MK348	0 48 47.2	31 57 24	FOC/48	SPEC	256X1024-SLIT	F305LP G450M	4400	1	4900	1224	2	CON SEL	1
MK348-OFF	0 48 47.3	31 57 24*	FOC/48	SPEC	256X1024-SLIT	F305LP G450M	4400	1	4900	1224	2	SEL	1
SMC-N38	0 49 28.5	-73 44 50	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
M31-G351	0 49 33.2	41 35 32	FOC/96	IMAGE	512X1024	F430W		1	1750	1283	2		1
M31-G351	0 49 33.2	41 35 32	FOC/96	IMAGE	512X1024	F480LP		1	5540	1283	2		1
M31HALO-FIELD7	0 49 33.2	41 35 32	WFC	IMAGE	ALL	F785LP		1	5180	1283	1	PAR	1
M31HALO-FIELD7	0 49 33.2	41 35 32	WFC	IMAGE	ALL	F555W		1	1389	1283	1	PAR	1
K351	0 49 40.7	41 35 25	WFC	IMAGE	ALL	F555W		1	2500	1117	2		1
K351	0 49 40.7	41 35 25	WFC	IMAGE	ALL	F785LP		1	2200	1117	2		1
3C22	0 50 56.2	51 12 4	WFC	IMAGE	ALL	F622W		1	2700	1070	1		1
3C22	0 50 56.2	51 12 4	WFC	IMAGE	ALL	F850LP		1	2700	1070	1		1
AZZ104	0 52 31.7	-72 39 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1153	2	ACQ	1
AZZ104	0 52 31.7	-72 39 49	FOS/BL	ACCUM	0.5	G270H	2766	1	60	1153	2		1
AZZ104	0 52 31.7	-72 39 49	FOS/BL	ACCUM	0.5	G130H	1379	1	120	1153	2		1
AZZ104	0 52 31.7	-72 39 49	FOS/BL	ACCUM	0.5	G190H	1938	1	120	1153	2		1
0050-254	0 52 44.8	-25 6 51	FOS/BL	ACCUM	1.0-PAIR	G130H		1	2200	1267	2		1
SMC-L239	0 53 11.4	-72 45 4	FOC/96	IMAGE	512X512	F486N		1	1000	1266	1		1
SMC-L239	0 53 11.4	-72 45 4	FOC/96	IMAGE	512X512	F501N		1	1000	1266	1		1
SMC-L239	0 53 11.4	-72 45 4	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
IZW1	0 53 34.9	12 41 36	PC	IMAGE	ALL	F555W		1	30	1105	2		1
IZW1	0 53 34.9	12 41 36	PC	IMAGE	ALL	F555W		1	230	1105	2		1
IZW1	0 53 34.9	12 41 36	PC	IMAGE	ALL	F555W		1	1200	1105	2		1
I-ZW1	0 53 34.9	12 41 36	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		2
I-ZW1	0 53 34.9	12 41 36	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		1
I-ZW1-FIELD	0 53 34.9	12 41 36	WFC	IMAGE	ALL	F439W	4353	1	15	1029	2	ACQ	1
I-ZW1-OFFSET	0 53 34.9	12 41 36*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
PG0052+251	0 54 52.2	25 25 39	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
PG0052+251	0 54 52.2	25 25 39	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	2
PG0052+251	0 54 52.2	25 25 39	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
PG0052+251	0 54 52.2	25 25 39	FOS/BL	ACCUM	1.0	G160L	1837	1	120	1025	2		1
PG0052+251	0 54 52.2	25 25 39	FOS/RD	ACCUM	1.0	G190H	1980	1	720	1025	2		1
NGC300	0 54 52.7	-37 41 9	FOC/96	IMAGE	512X512	F275W		1	900	1056	2		1
NGC300	0 54 52.7	-37 41 9	FOC/288	IMAGE	512X512	F275W		1	1800	1056	2	CON SEL	1
NGC300	0 54 52.7	-37 41 9	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	2	CON SEL	1
DHM0054-284	0 56 25.2	-28 8 32	WFC	IMAGE	ALL	F606W		1	3000	1045	0	ACQ	1
DHM0054-284	0 56 25.2	-28 8 32	FOS/RD	ACQ/BINA	4.3	MIRROR		1	26	1045	1	ACQ CON SEL	1
DHM0054-284	0 56 25.2	-28 8 32	FOS/RD	ACQ/BINA	4.3	MIRROR		1	26	1045	2	ACQ CON SEL	3
SMC-L305	0 56 30.8	-72 27 4	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1268	2		1
HD5394	0 56 42.6	60 43 0	HRS	ACCUM	2.0	MIRROR-A1		1	8	1214	0	CAL	1
HD5394	0 56 42.6	60 43 0	HRS	ACCUM	2.0	ECH-A	1335	1	84	1214	0		1
HD5394	0 56 42.6	60 43 0	HRS	ACCUM	2.0	ECH-A	1302	1	84	1214	0		1
HD5394	0 56 42.6	60 43 0	HRS	ACCUM	2.0	ECH-A	1530	1	84	1214	0		1
3C29	0 57 34.9	-1 23 27	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C29	0 57 34.9	-1 23 27	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
3C29	0 57 34.9	-1 23 27	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1
3C29-FIELD	0 57 34.9	-1 23 27	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
3C29-OFFSET	0 57 34.9	-1 23 27*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
NGC315	0 57 48.9	30 21 8	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
NGC315	0 57 48.9	30 21 8	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC315	0 57 48.9	30 21 8	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
OFFNGC315	0 57 48.9	30 21 8*	WFC	IMAGE	ALL	F664N		1	600	1228	1	PAR	1
0055-270	0 57 57.9	-26 43 14	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
0055-2659	0 57 58.0	-26 43 14	FOS/RD	ACCUM	0.5	PRISM	3500	1	50	1027	2		2
0055-2659	0 57 58.0	-26 43 14	FOS/RD	ACCUM	0.5	PRISM	3500	1	1800	1027	2		1
0055-2659	0 57 58.0	-26 43 14	FOS/BL	ACCUM	0.5	G160L	1650	1	50	1027	2		2
0055-2659	0 57 58.0	-26 43 14	FOS/BL	ACCUM	0.5	G160L	1650	1	1000	1027	2		1
0055-2659	0 57 58.0	-26 43 14	FOS/BL	ACCUM	0.5	G130H	1300	1	4000	1027	2	CON	1
0055-2659	0 57 58.0	-26 43 14	FOS/RD	ACCUM	0.5	G190H	1900	1	3000	1027	2	CON	1
0055-2659	0 57 58.0	-26 43 14	FOS/RD	ACCUM	0.5	G270H	2700	1	1000	1027	2	CON	1
0055-2659	0 57 58.0	-26 43 14	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ	1
0055-2659	0 57 58.0	-26 43 14	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ	1
0055-2659	0 57 58.0	-26 43 14	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ CON	1
0055-2659	0 57 58.0	-26 43 14	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ CON	1
SMC-N67	0 58 33.6	-71 35 55	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
SMC-N70	0 59 14.7	-72 1 55	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	G160M	1540	1	240	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	G160M	1660	1	240	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	G160M	1810	1	180	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	G160M	1860	1	180	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	G270M	2360	1	180	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	G270M	2590	1	180	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	G270M	2590	1	120	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	G270M	2800	1	120	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	G160M	1160	2	240	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	ECH-B	2325	3	300	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	G270M	2045	1	180	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	ECH-A	1402	4	300	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	ECH-A	1353	4	300	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	ECH-A	1549	4	300	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	ACCUM	2.0	ECH-A	1241	5	300	1166	2		1
HD5980	0 59 26.8	-72 9 55	HRS	WSCAN	2.0	G160M	1292	1	2160	1166	2		1
0058+019	1 0 54.2	2 11 36	FOC/288	IMAGE	512X512	F2ND F342W		1	300	1236	2		1
0100+130	1 3 11.3	13 16 17	FOC/288	IMAGE	512X512	F2ND F342W		1	300	1236	0		1
NGC362	1 3 14.5	-70 50 53	PC	IMAGE	ALL	F555W		1	14	1019	2		1
NGC362	1 3 14.5	-70 50 53	PC	IMAGE	ALL	F785LP		1	14	1019	2		1
R31	1 4 3.8	-72 58 56	HRS	ACCUM	0.25	G160M	1545	1	240	1152	2		3
RX-AND	1 4 35.6	41 17 58	FOC/96	IMAGE	512X512	F486N		1	1200	1253	2		1
RX-AND	1 4 35.6	41 17 58	FOC/96	IMAGE	512X512	F501N		1	1200	1253	2		1
IC1613-22A	1 5 1.0	2 10 40	FOC/96	IMAGE	512X512	PRISM1	3575	1	2800	1238	1		1
IC1613-POS-A	1 5 2.4	2 8 41	FOC/96	IMAGE	512X512	F165W		1	1300	1238	2		1
IC1613-POS-A	1 5 2.4	2 8 41	FOC/96	IMAGE	512X512	F320W		1	250	1238	2		1
IC1613-POS-A	1 5 2.4	2 8 41	FOC/96	IMAGE	512X512	F430W		1	250	1238	2		1
IC1613-POS-B	1 5 2.4	2 8 9	FOC/96	IMAGE	512X512	F165W		1	1300	1238	1		1
IC1613-POS-B	1 5 2.4	2 8 9	FOC/96	IMAGE	512X512	F320W		1	250	1238	1		1
IC1613-POS-B	1 5 2.4	2 8 9	FOC/96	IMAGE	512X512	F430W		1	250	1238	1		1
IC1613-M	1 5 5.8	2 5 48	FOC/96	IMAGE	512X512	PRISM1	3575	1	2800	1238	2		1
IC1613-B42	1 5 6.4	2 9 31	FOC/96	IMAGE	512X512	PRISM1	3575	1	2800	1238	2		1
IC1613	1 5 11.2	2 7 42	WFC	IMAGE	ALL	F336W		1	100	1120	3		1
IC1613	1 5 11.2	2 7 42	WFC	IMAGE	ALL	F555W		1	100	1120	3		1
IC1613	1 5 11.2	2 7 42	WFC	IMAGE	ALL	F336W		1	1800	1120	3		1
IC1613	1 5 11.2	2 7 42	WFC	IMAGE	ALL	F555W		1	2100	1120	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
IC1613	1 5 11.2	2 7 42	WFC	IMAGE	ALL	F785LP		1	100	1120	3		1
IC1613	1 5 11.2	2 7 42	WFC	IMAGE	ALL	F785LP		1	1800	1120	3		1
AZZ398	1 6 57.7	-71 47 59	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1153	2	ACQ	1
AZZ398	1 6 57.7	-71 47 59	FOS/BL	ACCUM	0.5	G130H	1379	1	180	1153	2		1
AZZ398	1 6 57.7	-71 47 59	FOS/BL	ACCUM	0.5	G190H	1938	1	180	1153	2		1
AZZ398	1 6 57.7	-71 47 59	FOS/BL	ACCUM	0.5	G270H	2766	1	120	1153	2		1
3C31	1 7 24.9	32 24 45	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C31	1 7 24.9	32 24 45	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
3C31	1 7 24.9	32 24 45	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C31	1 7 24.9	32 24 45	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC383	1 7 24.9	32 24 46	FOC/96	IMAGE	512X512	F320W		1	600	1057	3		1
NGC383	1 7 24.9	32 24 46	FOC/96	IMAGE	512X512	F502M		1	300	1057	3		1
NGC383	1 7 24.9	32 24 46	FOC/288	IMAGE	512X512	F320W		1	600	1057	3	CON	1
NGC383	1 7 24.9	32 24 46	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	3	CON	1
NGC383	1 7 24.9	32 24 46	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	3	ACQ CON	1
3C33S	1 8 50.4	13 18 29	PC	IMAGE	ALL	F606W		1	900	1058	0		1
3C33S	1 8 50.4	13 18 29	FOC/96	IMAGE	512X512	F480LP		1	1800	1058	1		1
3C33	1 8 52.9	13 20 14	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
3C33	1 8 52.9	13 20 14	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C33	1 8 52.9	13 20 14	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C33	1 8 52.9	13 20 14	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C33	1 8 52.9	13 20 14	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	3	ACQ CON	1
3C33	1 8 52.9	13 20 14	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	12000	1057	3	CON	1
3C33	1 8 52.9	13 20 13	FOC/96	IMAGE	512X512	F502M	4950	1	600	1227	2		1
3C33	1 8 52.9	13 20 13	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
3C34	1 10 18.5	31 47 19	WFC	IMAGE	ALL	F555W		1	2700	1070	1		1
3C34	1 10 18.5	31 47 19	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
POINT0111+021INCA221-4	1 11 21.1	1 55 0	S/C	POINTING	V1			1	0	1532	1		1
POINT0111+021INCA221-4	1 11 21.1	1 55 0	S/C	POINTING	V1			1	0	1532	2		1
T0109-38	1 11 27.7	-38 5 1	PC	IMAGE	ALL	F230W		1	2220	1037	2	ACQ	1
T0109-38	1 11 27.7	-38 5 1	FOS/RD	ACCUM	0.3	G570H		1	3000	1037	2		1
T0109-38	1 11 27.7	-38 5 1	FOS/BL	ACCUM	0.3	G160L		1	3800	1037	2		1
T0109-38	1 11 27.7	-38 5 1	FOS/RD	ACCUM	0.3	G270H		1	2900	1037	2		1
T0109-38	1 11 27.7	-38 5 1	FOS/RD	ACCUM	0.3	G400H		1	1700	1037	2		1
T0109-38	1 11 27.7	-38 5 1	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1037	2	ACQ	1
AZZ456	1 11 39.8	-72 34 53	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1153	2	ACQ	1
AZZ456	1 11 39.8	-72 34 53	FOS/BL	ACCUM	0.5	G130H	1379	1	180	1153	2		1
AZZ456	1 11 39.8	-72 34 53	FOS/BL	ACCUM	0.5	G190H	1938	1	180	1153	2		1
AZZ456	1 11 39.8	-72 34 53	FOS/BL	ACCUM	0.5	G270H	2766	1	120	1153	2		1
L725-32	1 12 20.4	-17 1 6	WFC	IMAGE	W4	F606W		1	100	1109	3		6
0111+021INCA221-4	1 13 43.2	2 22 17	FGS	POS	2	F583W		1	51	1532	1		3
0111+021INCA221-4	1 13 43.2	2 22 17	FGS	POS	2	F583W		1	51	1532	2		3
INCA221-4	1 14 40.3	2 17 59	FGS	POS	2	F583W		1	51	1532	1		2
INCA221-4	1 14 40.3	2 17 59	FGS	POS	2	F583W		1	51	1532	2		2
SMC-X-1	1 17 5.2	-73 26 35	HSP/UV1	SINGLE	1.0	F135W		1	2000	1091	1		1
0114-089	1 17 23.3	-8 41 32	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
0114-089	1 17 23.3	-8 41 32	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	1		1
4U0115+63	1 18 31.9	63 44 24	HSP/UV1	SINGLE	1.0	F135W		1	2000	1091	1		1
AQ-CAS	1 19 10.4	62 23 49	HRS	ACCUM	0.25	G140L	1280	1	30	1174	3		2
AQ-CAS	1 19 10.4	62 23 49	HRS	ACCUM	0.25	G140L	1555	1	30	1174	3		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
POINT-CP4.1	1 21 41.6	25 47 13	S/C	POINTING	V1			1	0	1014	1		1
POINT-CP4.2	1 21 41.6	25 46 7	S/C	POINTING	V1			1	0	1014	2	CON	1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G140L	1590	1	1500	1170	0		1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G200M	1940	1	240	1170	0		1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G140L	1315	1	1080	1170	0		1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G270M	2945	1	180	1170	0		1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G270M	2985	1	180	1170	0		1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G270M	3025	1	240	1170	0		1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G200M	1978	1	240	1170	0		1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G200M	2014	1	240	1170	0		1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G200M	2052	1	240	1170	0		1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G270M	2909	1	180	1170	0		1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G270M	2829	1	120	1170	0		1
FAIRALL9	1 23 45.7	-58 48 22	HRS	ACCUM	2.0	G270M	2869	1	120	1170	0		1
FAIRALL9	1 23 45.9	-58 48 21	FOC/96	IMAGE	512X512	F502M	4950	1	300	1227	2		1
FAIRALL9	1 23 45.9	-58 48 21	FOC/96	IMAGE	512X512	F550M	5470	1	100	1227	2		1
FAIRALL9	1 23 45.9	-58 48 21	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	300	1227	2		1
FAIRALL9	1 23 45.9	-58 48 21	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	300	1227	2		1
QSO0123-016	1 25 46.6	-1 22 14	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
QSO0123-016	1 25 46.6	-1 22 14	FOC/96	IMAGE	512X512	F502M		1	600	1228	2		1
QSO0123-016	1 25 46.6	-1 22 14	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
QSO0123-016	1 25 46.6	-1 22 14	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
QSO0123-016	1 25 46.6	-1 22 14	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C40-FIELD	1 25 57.7	-1 20 2	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
3C40	1 25 59.7	-1 20 32	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C40	1 25 59.7	-1 20 32	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
3C40	1 25 59.7	-1 20 32	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1
3C40-OFFSET	1 25 59.7	-1 20 32*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
4C25.05	1 26 42.6	25 59 6	WFC	IMAGE	ALL	F517N		1	210	1116	3		1
4C25.05	1 26 42.6	25 59 6	WFC	IMAGE	ALL	F517N		1	1260	1116	3		1
3C41	1 26 44.3	33 13 12	WFC	IMAGE	ALL	F555W		1	2700	1070	1		1
3C41	1 26 44.3	33 13 12	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
UM324	1 27 8.6	-1 55 38	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1024	2	ACQ	1
UM324	1 27 8.6	-1 55 38	FOS/BL	ACCUM	1.0	G160L	1837	1	300	1024	2		1
MKN359	1 27 32.2	19 10 44	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	2		1
MKN359	1 27 32.2	19 10 44	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	2		1
MKN359	1 27 32.2	19 10 44	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	400	1227	2		1
MKN359	1 27 32.2	19 10 44	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	400	1227	2		1
M33-SNR2	1 33 1.1	30 39 10	WFC	IMAGE	ALL	F673N		1	400	1048	2	ACQ	1
M33-SNR2P1	1 33 1.1	30 39 10*	FOS/BL	ACCUM	1.0-PAIR	G130H		1	800	1048	2		1
M33-SNR2P1	1 33 1.1	30 39 10*	FOS/BL	ACCUM	1.0-PAIR	G190H		1	500	1048	2		1
M33-SNR2P1	1 33 1.1	30 39 10*	FOS/RD	ACCUM	1.0-PAIR	G270H		1	300	1048	2		1
M33-SNR2P1	1 33 1.1	30 39 10*	FOS/RD	ACCUM	1.0-PAIR	G400H		1	300	1048	2		1
M33-SNR2P1	1 33 1.1	30 39 10*	FOS/RD	ACCUM	1.0-PAIR	G570H		1	300	1048	2		1
STAR5-OFFSET	1 33 1.1	30 39 10*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1048	2	ACQ	1
0130-403	1 33 1.9	-40 6 28	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
NGC598-DISK-C	1 33 13.7	30 29 59	FOC/96	IMAGE	512X512	F165W		1	1300	1238	2		1
NGC598-DISK-C	1 33 13.7	30 29 59	FOC/96	IMAGE	512X512	F320W		1	250	1238	2		1
NGC598-DISK-C	1 33 13.7	30 29 59	FOC/96	IMAGE	512X512	F430W		1	250	1238	2		1
M33-FIELD137	1 33 16.1	30 53 16	WFC	IMAGE	ALL	F336W		1	100	1120	2		1
M33-FIELD137	1 33 16.1	30 53 16	WFC	IMAGE	ALL	F555W		1	100	1120	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
M33-FIELD137	1 33 16.1	30 53 16	WFC	IMAGE	ALL	F336W		1	1800	1120	2		1
M33-FIELD137	1 33 16.1	30 53 16	WFC	IMAGE	ALL	F555W		1	2100	1120	2		1
M33-FIELD137	1 33 16.1	30 53 16	WFC	IMAGE	ALL	F785LP		1	100	1120	2		1
M33-FIELD137	1 33 16.1	30 53 16	WFC	IMAGE	ALL	F785LP		1	1800	1120	2		1
M33/WR28	1 33 32.6	30 41 27	FOS/BL	ACQ/BINA	4.3	MIRROR		1	40	1150	1	ACQ	1
M33/WR28	1 33 32.6	30 41 27	FOS/BL	ACCUM	0.5	G160L	1836	1	800	1150	1		1
NGC595	1 33 33.8	30 41 33	FOC/96	IMAGE	512X512	F342W		1	500	1257	2		1
NGC595	1 33 33.8	30 41 33	FOC/96	IMAGE	512X512	F437M		1	700	1257	2		1
NGC595	1 33 33.8	30 41 33	FOC/96	IMAGE	512X512	F600M		1	100	1257	2		1
NGC595	1 33 33.8	30 41 33	FOC/96	IMAGE	512X512	F165W		1	3900	1257	2		1
M33-SNR8	1 33 35.1	30 36 30	WFC	IMAGE	ALL	F673N		1	400	1048	2	ACQ	1
M33-SNR8P1	1 33 35.1	30 36 30*	FOS/BL	ACCUM	1.0-PAIR	G130H		1	800	1048	2		1
M33-SNR8P1	1 33 35.1	30 36 30*	FOS/BL	ACCUM	1.0-PAIR	G190H		1	500	1048	2		1
M33-SNR8P1	1 33 35.1	30 36 30*	FOS/RD	ACCUM	1.0-PAIR	G270H		1	300	1048	2		1
M33-SNR8P1	1 33 35.1	30 36 30*	FOS/RD	ACCUM	1.0-PAIR	G400H		1	300	1048	2		1
M33-SNR8P1	1 33 35.1	30 36 30*	FOS/RD	ACCUM	1.0-PAIR	G570H		1	300	1048	2		1
STAR6-OFFSET	1 33 35.1	30 36 30*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1048	2	ACQ	1
NGC598-D145	1 33 39.1	30 29 35	FOC/96	IMAGE	512X512	PRISM1	3575	1	2800	1238	2		1
NGC598-110A	1 33 41.1	30 22 38	FOC/96	IMAGE	512X512	PRISM1	3575	1	2800	1238	2		1
NGC598-DISK-D	1 33 45.2	30 34 21	FOC/96	IMAGE	512X512	F165W		1	1300	1238	2		1
NGC598-DISK-D	1 33 45.2	30 34 21	FOC/96	IMAGE	512X512	F320W		1	250	1238	2		1
NGC598-DISK-D	1 33 45.2	30 34 21	FOC/96	IMAGE	512X512	F430W		1	250	1238	2		1
NGC598-D392	1 33 48.2	30 30 40	FOC/96	IMAGE	512X512	PRISM1	3575	1	2800	1238	2		1
NGC598-NUC	1 33 50.9	30 39 36	PC	IMAGE	ALL	F555W		1	300	1118	0		1
NGC598-NUC	1 33 50.9	30 39 36	PC	IMAGE	ALL	F555W		1	12	1118	0		1
NGC598-NUC	1 33 50.9	30 39 36	PC	IMAGE	ALL	F555W		1	120	1118	0		1
NGC598-NUC	1 33 50.9	30 39 36	PC	IMAGE	ALL	F785LP		1	10	1118	0		1
NGC598-NUC	1 33 50.9	30 39 36	PC	IMAGE	ALL	F785LP		1	100	1118	0		1
NGC598-NUC	1 33 50.9	30 39 36	PC	IMAGE	ALL	F785LP		1	200	1118	0		1
NGC598-NUC	1 33 50.9	30 39 36	WFC	IMAGE	ALL	F555W		1	100	1118	3		1
NGC598-NUC	1 33 50.9	30 39 36	WFC	IMAGE	ALL	F555W		1	700	1118	3		1
NGC598-NUC	1 33 50.9	30 39 36	WFC	IMAGE	ALL	F785LP		1	100	1118	3		1
NGC598-NUC	1 33 50.9	30 39 36	WFC	IMAGE	ALL	F785LP		1	700	1118	3		1
NGC598	1 33 52.2	30 39 15	FOC/96	IMAGE	512X512	F275W		1	900	1056	2		1
NGC598	1 33 52.2	30 39 15	FOC/288	IMAGE	512X512	F275W		1	1800	1056	2	CON SEL	1
NGC598	1 33 52.2	30 39 15	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	2	CON SEL	1
NGC598-DISK-A	1 33 54.0	30 35 25	FOC/96	IMAGE	512X512	F165W		1	1300	1238	2		1
NGC598-DISK-A	1 33 54.0	30 35 25	FOC/96	IMAGE	512X512	F320W		1	250	1238	2		1
NGC598-DISK-A	1 33 54.0	30 35 25	FOC/96	IMAGE	512X512	F430W		1	250	1238	2		1
NGC598-DISK-A	1 33 54.0	30 35 25	FOC/96	IMAGE	512X512	F2ND F320W		1	250	1238	2		1
NGC598-DISK-A	1 33 54.0	30 35 25	FOC/96	IMAGE	512X512	F2ND F430W		1	250	1238	2		1
NGC598-DISK-A	1 33 54.0	30 35 25	FOC/96	IMAGE	512X512	F165W F2ND		1	1300	1238	2		1
POINT0134+329INCA221-9	1 33 54.4	32 51 52	S/C	POINTING	V1			1	0	1532	2		2
NGC598-DISK-B	1 34 10.7	30 46 30	FOC/96	IMAGE	512X512	F165W		1	1300	1238	2		1
NGC598-DISK-B	1 34 10.7	30 46 30	FOC/96	IMAGE	512X512	F320W		1	250	1238	2		1
NGC598-DISK-B	1 34 10.7	30 46 30	FOC/96	IMAGE	512X512	F430W		1	250	1238	2		1
NGC604-POS2	1 34 32.4	30 46 58	FOC/96	IMAGE	512X512	F342W		1	400	1257	2		1
NGC604-POS2	1 34 32.4	30 46 58	FOC/96	IMAGE	512X512	F437M		1	600	1257	2		1
NGC604-POS2	1 34 32.4	30 46 58	FOC/96	IMAGE	512X512	F600M		1	100	1257	2		1
NGC604-POS2	1 34 32.4	30 46 58	FOC/96	IMAGE	512X512	F165W		1	2800	1257	2		1
M33-DISK	1 34 32.7	30 47 3	WFC	IMAGE	ALL	F336W		1	100	1120	2		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
M33-DISK	1 34 32.7	30 47 3	WFC	IMAGE	ALL	F555W		1	100	1120	2		1
M33-DISK	1 34 32.7	30 47 3	WFC	IMAGE	ALL	F336W		1	1800	1120	2		1
M33-DISK	1 34 32.7	30 47 3	WFC	IMAGE	ALL	F555W		1	2100	1120	2		1
M33-DISK	1 34 32.7	30 47 3	WFC	IMAGE	ALL	F785LP		1	100	1120	2		1
M33-DISK	1 34 32.7	30 47 3	WFC	IMAGE	ALL	F785LP		1	1800	1120	2		1
NGC604-POS1	1 34 32.7	30 47 7	FOC/96	IMAGE	512X512	F165W		1	600	1257	1		1
NGC604-POS1	1 34 32.7	30 47 7	FOC/96	IMAGE	512X512	F437M		1	200	1257	1		1
NGC604-POS1	1 34 32.7	30 47 7	FOC/96	IMAGE	512X512	F600M		1	100	1257	2		1
NGC604-POS1	1 34 32.7	30 47 7	FOC/96	IMAGE	512X512	F342W		1	150	1257	1		1
NGC604-POS1	1 34 32.7	30 47 7	FOC/96	IMAGE	512X512	F2ND F342W		1	250	1257	2		1
NGC604-POS1	1 34 32.7	30 47 7	FOC/96	IMAGE	512X512	F2ND F437M		1	450	1257	2		1
M33-FIELDN604	1 34 33.1	30 47 0	WFC	IMAGE	ALL	F336W		1	1000	1120	1		1
M33-FIELDN604	1 34 33.1	30 47 0	WFC	IMAGE	ALL	F555W		1	400	1120	1		1
M33-FIELDN604	1 34 33.1	30 47 0	WFC	IMAGE	ALL	F656N		1	2200	1120	1		1
M33-FIELDN604	1 34 33.1	30 47 0	WFC	IMAGE	ALL	F785LP		1	400	1120	1		1
0132-198	1 34 39.2	-19 31 59	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	1		1
HD9826	1 36 47.3	41 24 3	FOC/96	OCC	512X512-F0.4	F370LP		1	1500	1274	2		1
3C48	1 37 41.3	33 9 35	WFC	IMAGE	ALL	F725LP		1	12	1116	1		1
3C48	1 37 41.3	33 9 35	WFC	IMAGE	ALL	F725LP		1	1700	1116	1		1
3C48	1 37 41.3	33 9 35	WFC	IMAGE	ALL	F725LP		1	212	1116	1		1
3C48	1 37 41.3	33 9 34	FOC/96	IMAGE	512X512	F430W		1	1800	1234	1		1
3C48	1 37 41.3	33 9 34	FOC/96	IMAGE	512X512	F342W		1	1800	1234	2		1
3C48	1 37 41.3	33 9 34	FOC/288	IMAGE	512X512	F152M		1	2039	1232	1		2
3C48	1 37 41.3	33 9 34	FOS/RD	ACCUM	0.5	PRISM	5400	1	1440	1029	2		3
3C48	1 37 41.3	33 9 34	FOS/RD	ACQ/BINA	4.3	MIRROR		1	22	1029	2	ACQ	1
0134+329	1 37 41.3	33 9 35	PC	IMAGE	P8	F606W		1	30	1139	2		1
0134+329	1 37 41.3	33 9 35	PC	IMAGE	P8	F725LP		1	70	1139	2		1
0134+329INCA221-9	1 37 41.3	33 9 35	FGS	POS	2	F583W		1	51	1532	2		6
3C48	1 37 41.3	33 9 35	FOC/96	IMAGE	512X512	F170M		1	600	1228	2		1
3C48	1 37 41.3	33 9 35	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C48	1 37 41.3	33 9 35	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
3C48	1 37 41.3	33 9 35	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C48	1 37 41.3	33 9 35	PC	IMAGE	ALL	F128LP		1	708	1032	1	ACQ	1
3C48	1 37 41.3	33 9 35	PC	IMAGE	ALL	F725LP		1	708	1032	1	ACQ	1
3C48	1 37 41.3	33 9 35	FOS/BL	ACCUM	0.5	G270H		1	400	1043	2		1
3C48	1 37 41.3	33 9 35	FOS/RD	ACCUM	0.5	G650L		1	280	1032	1	CON SEL	1
3C48	1 37 41.3	33 9 35	FOS/RD	ACCUM	0.5	PRISM		1	280	1032	1	CON SEL	1
3C48	1 37 41.3	33 9 35	FOS/BL	ACCUM	0.5	G130H		1	1600	1043	2		1
3C48	1 37 41.3	33 9 35	FOS/RD	ACQ/BINA	4.3	MIRROR		1	2	1032	1	ACQ CON	1
3C48	1 37 41.3	33 9 35	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1043	2	ACQ	1
3C48	1 37 41.3	33 9 35	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	2553	1032	1	CON SEL	1
3C48	1 37 41.3	33 9 35	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	2553	1032	1	CON SEL	1
3C48	1 37 41.3	33 9 35	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	10	1032	1	ACQ CON	1
SKY12	1 37 41.3	33 9 35*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	708	1032	1	PAR	2
INCA221-9	1 37 41.4	33 1 49	FGS	POS	2	F583W		1	51	1532	2		4
HD10144	1 37 42.7	-57 14 12	HRS	ACCUM	2.0	MIRROR-A1		1	3	1214	3	CON CAL	1
HD10144	1 37 42.7	-57 14 12	HRS	ACCUM	2.0	ECH-A	1335	1	30	1214	3	CON	1
HD10144	1 37 42.7	-57 14 12	HRS	ACCUM	2.0	ECH-A	1302	1	30	1214	3	CON	1
HD10144	1 37 42.7	-57 14 12	HRS	ACCUM	2.0	ECH-A	1530	1	30	1214	3	CON	1
L726-8AB	1 38 48.7	-17 57 47	WFC	IMAGE	W4	F606W		1	230	1109	3		6
GLIESE065	1 38 50.3	-17 57 29	FGS	POS	PRIME	F550W		1	52	1005	1	CON	12
GLIESE065	1 38 50.3	-17 57 29	FGS	POS	PRIME	F550W		1	52	1005	2	CON	12

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
GLIESE065	1 38 50.3	-17 57 29	FGS	POS	PRIME	F550W		1	52	1005	3	CON	5
GLIESE065	1 38 50.3	-17 57 29	FGS	POS	PRIME	F550W		1	52	2935	1	CON	12
GLIESE065	1 38 50.3	-17 57 29	FGS	POS	PRIME	F550W		1	52	2935	2	CON	12
GLIESE065	1 38 50.3	-17 57 29	FGS	POS	PRIME	F550W		1	52	2935	3	CON	5
GLIESE065	1 38 50.3	-17 57 29	FGS	TRANS	PRIME	F583W		1	100	1005	1	ACQ	1
GLIESE065	1 38 50.3	-17 57 29	FGS	TRANS	PRIME	F583W		1	100	2935	1	ACQ	1
PHL1093	1 39 57.3	1 31 46	FOC/96	IMAGE	512X512	F430W		1	1800	1234	0		1
PHL1093	1 39 57.3	1 31 46	FOC/96	IMAGE	512X512	F342W		1	1800	1234	2		1
PHL1093	1 39 57.3	1 31 46	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	9000	1234	1	CON	1
3C49	1 41 9.1	13 53 28	WFC	IMAGE	ALL	F555W		1	2700	1070	1		1
3C49	1 41 9.1	13 53 28	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
0140-306	1 42 54.8	-30 23 45	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
HD10516	1 43 39.6	50 41 20	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD10516	1 43 39.6	50 41 20	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD10516	1 43 39.6	50 41 20	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD10516	1 43 39.6	50 41 20	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
MKN573	1 43 57.8	2 20 59	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
MKN573	1 43 57.8	2 20 59	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
MKN573	1 43 57.8	2 20 59	FOC/288	IMAGE	512X512	F372M		1	600	1228	2		1
MKN573	1 43 57.8	2 20 59	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
MKN573	1 43 57.8	2 20 59	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
HD10700	1 44 4.0	-15 56 15	PC	IMAGE	ALL	F622W		4	35	1062	1		4
HD10700	1 44 4.0	-15 56 15	PC	IMAGE	ALL	F875M		4	140	1062	1		4
HD10700	1 44 4.0	-15 56 15	PC	IMAGE	ALL	F122M F875M		1	0	1062	1		2
HD10700	1 44 4.0	-15 56 15	PC	IMAGE	ALL	F122M F875M		1	0	1062	1	ACQ	1
HD10700	1 44 4.3	-15 56 15	FOC/288	OCC	512X512-F0.4	F370LP		1	900	1274	2		1
HD10700	1 44 4.3	-15 56 15	FOC/288	OCC	512X512-F0.4	F370LP		2	900	1274	2		1
HD10700	1 44 4.3	-15 56 15	FOC/288	OCC	512X512-F0.4	F220W F278M F8ND		1	300	1274	2		1
HD10700	1 44 4.3	-15 56 15	FOC/288	OCC	512X512-F0.4	F220W F278M F8ND		1	240	1274	2	ACQ	1
0143-015	1 45 51.2	-1 20 31	FOS/RD	ACCUM	0.5	PRISM	3500	1	50	1027	0		2
0143-015	1 45 51.2	-1 20 31	FOS/RD	ACCUM	0.5	PRISM	3500	1	1800	1027	0		1
0143-015	1 45 51.2	-1 20 31	FOS/BL	ACCUM	0.5	G160L	1650	1	50	1027	0		2
0143-015	1 45 51.2	-1 20 31	FOS/BL	ACCUM	0.5	G160L	1650	1	1000	1027	0		1
0143-015	1 45 51.2	-1 20 31	FOS/BL	ACCUM	0.5	G130H	1300	1	4000	1027	2	CON	1
0143-015	1 45 51.2	-1 20 31	FOS/RD	ACCUM	0.5	G190H	1900	1	3000	1027	2	CON	1
0143-015	1 45 51.2	-1 20 31	FOS/RD	ACCUM	0.5	G270H	2700	1	1000	1027	2	CON	1
0143-015	1 45 51.2	-1 20 31	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1027	0	ACQ	1
0143-015	1 45 51.2	-1 20 31	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1027	0	ACQ	1
0143-015	1 45 51.2	-1 20 31	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ CON	1
0143-015	1 45 51.2	-1 20 31	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ CON	1
0143-016	1 45 51.2	-1 20 31	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
0143-016	1 45 51.2	-1 20 31	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	1		1
0143-010	1 46 19.9	-0 46 29	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
0142+614-FIELD	1 46 22.2	61 45 7	WFC	IMAGE	ALL	F702W		1	500	1051	0		1
0142+614-FIELD	1 46 22.2	61 45 7	WFC	IMAGE	ALL	F555W		1	500	1051	0	ACQ	1
0142+614	1 46 23.6	61 45 17*	FOS/RD	ACCUM	0.3	PRISM		1	2600	1051	0	CON	1
0142+614-OFFSET	1 46 23.6	61 45 17*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	7	1051	0	ACQ CON	1
UM141	1 49 18.7	1 57 23	FOS/RD	ACCUM	1.0	PRISM	5400	1	300	1146	2		1
UM141	1 49 18.7	1 57 23	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
UM141	1 49 18.7	1 57 23	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
UM141	1 49 18.7	1 57 23	FOS/BL	ACCUM	1.0	G160L	1837	1	600	1146	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PHL1186-GROUP	1 5Ø 25.4	9 14 52	FOC/96	IMAGE	512X512	F231M		1	9ØØ	1233	2		1
PHL1186-GROUP	1 5Ø 25.4	9 14 52	FOC/96	IMAGE	512X512	F152M		1	18ØØ	1233	2		1
PHL1186	1 5Ø 25.4	9 14 5Ø	FOC/96	IMAGE	512X512	F152M	15ØØ	1	5ØØ	1227	2		1
PHL1186	1 5Ø 25.4	9 14 5Ø	FOC/96	IMAGE	512X512	F19ØM	1975	1	4ØØ	1227	2		1
PHL1186	1 5Ø 25.4	9 14 5Ø	FOC/48	SPEC	256X1Ø24-SLIT	GRAT-PRISM		1	6ØØ	1227	2		1
A262	1 52 46.4	36 9 6	FOC/96	IMAGE	512X512	F12ØM		1	9ØØ	1251	2		1
A262	1 52 46.4	36 9 6	FOC/96	IMAGE	512X512	F372M		1	9ØØ	1251	2		1
INCA221-14	1 53 3.2	-33 18 43	FGS	POS	2	F5ND		1	51	1532	1		2
INCA221-14	1 53 3.2	-33 18 43	FGS	POS	2	F5ND		1	51	1532	2		2
Ø15Ø-334INCA221-14	1 53 1Ø.Ø	-33 1Ø 26	FGS	POS	2	F55ØW		1	51	1532	1		1
Ø15Ø-334INCA221-14	1 53 1Ø.Ø	-33 1Ø 26	FGS	POS	2	F583W		1	51	1532	1		2
Ø15Ø-334INCA221-14	1 53 1Ø.Ø	-33 1Ø 26	FGS	POS	2	F55ØW		1	51	1532	2		1
Ø15Ø-334INCA221-14	1 53 1Ø.Ø	-33 1Ø 26	FGS	POS	2	F583W		1	51	1532	2		2
Ø151+Ø48	1 53 53.9	5 2 57	FOC/288	IMAGE	512X512	F342W		1	3ØØ	1236	2		1
POINTØ15Ø-334INCA221-14	1 53 55.Ø	-33 16 1Ø	S/C	POINTING	V1			1	Ø	1532	1		1
POINTØ15Ø-334INCA221-14	1 53 55.Ø	-33 16 1Ø	S/C	POINTING	V1			1	Ø	1532	2		1
Ø153+Ø45	1 56 36.1	4 45 36	FOS/RD	ACCUM	Ø.5	PRISM	35ØØ	1	5Ø	1Ø27	2		2
Ø153+Ø45	1 56 36.1	4 45 36	FOS/RD	ACCUM	Ø.5	PRISM	35ØØ	1	18ØØ	1Ø27	2		1
Ø153+Ø45	1 56 36.1	4 45 36	FOS/BL	ACCUM	Ø.5	G16ØL	165Ø	1	5Ø	1Ø27	2		2
Ø153+Ø45	1 56 36.1	4 45 36	FOS/BL	ACCUM	Ø.5	G16ØL	165Ø	1	1ØØØ	1Ø27	2		1
Ø153+Ø45	1 56 36.1	4 45 36	FOS/BL	ACCUM	Ø.5	G13ØH	13ØØ	1	4ØØØ	1Ø27	2	CON	1
Ø153+Ø45	1 56 36.1	4 45 36	FOS/RD	ACCUM	Ø.5	G19ØH	19ØØ	1	3ØØØ	1Ø27	2	CON	1
Ø153+Ø45	1 56 36.1	4 45 36	FOS/RD	ACCUM	Ø.5	G27ØH	27ØØ	1	1ØØØ	1Ø27	2	CON	1
Ø153+Ø45	1 56 36.1	4 45 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1Ø27	2	ACQ	1
Ø153+Ø45	1 56 36.1	4 45 36	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1Ø27	2	ACQ	1
Ø153+Ø45	1 56 36.1	4 45 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1Ø27	2	ACQ CON	1
Ø153+Ø45	1 56 36.1	4 45 36	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1Ø27	2	ACQ CON	1
UM381	1 57 9.6	-1 47 3Ø	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1Ø24	2	ACQ	1
UM381	1 57 9.6	-1 47 3Ø	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1Ø24	2	ACQ	1
UM381	1 57 9.6	-1 47 3Ø	FOS/BL	ACCUM	1.Ø	G16ØL	1837	1	3ØØ	1Ø24	2		1
UM381	1 57 9.6	-1 47 3Ø	FOS/RD	ACCUM	1.Ø	G19ØH	198Ø	1	6ØØ	1Ø24	2		1
UM381	1 57 9.6	-1 47 3Ø	FOS/RD	ACCUM	1.Ø	G27ØH	2753	1	66Ø	1Ø24	2		1
IC1747	1 57 35.6	63 19 18	FOC/48	IMAGE	512X512	F195W		1	1Ø19	1265	2		1
IC1747	1 57 35.6	63 19 18	FOC/48	IMAGE	512X512	F275W		1	1Ø19	1265	2		1
IC1747	1 57 35.6	63 19 18	FOC/96	IMAGE	512X1Ø24	F486N		1	1Ø19	1265	2		1
IC1747	1 57 35.6	63 19 18	FOC/96	IMAGE	512X1Ø24	F5Ø1N		1	1Ø19	1265	2		1
MARK1Ø14	1 59 49.7	Ø 23 41	FOC/96	IMAGE	512X512	F21ØM		1	9ØØ	1233	2		1
MARK1Ø14	1 59 49.7	Ø 23 41	FOC/96	IMAGE	512X512	F14ØM		1	18ØØ	1233	2		1
NABØ2Ø5+Ø2	2 7 49.8	2 42 55	FOS/RD	ACCUM	Ø.5	PRISM	35ØØ	1	2ØØ	1Ø26	Ø		1
NABØ2Ø5+Ø2	2 7 49.8	2 42 55	FOS/BL	ACCUM	Ø.5	G13ØH	13ØØ	1	3ØØØ	1Ø26	Ø		1
NABØ2Ø5+Ø2	2 7 49.8	2 42 55	FOS/RD	ACCUM	Ø.5	G27ØH	27ØØ	1	4ØØ	1Ø26	Ø		1
NABØ2Ø5+Ø2	2 7 49.8	2 42 55	FOS/RD	ACCUM	Ø.5	G19ØH	19ØØ	1	15ØØ	1Ø26	Ø		1
NABØ2Ø5+Ø2	2 7 49.8	2 42 55	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1Ø26	Ø	ACQ	1
NABØ2Ø5+Ø2	2 7 49.8	2 42 55	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1Ø26	Ø	ACQ	1
HD13445	2 8 32.Ø	-51 3 33	FOC/96	OCC	512X512-FØ.4	F37ØLP		1	15ØØ	1274	2		1
UM4Ø2	2 9 5Ø.6	-Ø 5 5	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1Ø25	2	ACQ	1
UM4Ø2	2 9 5Ø.6	-Ø 5 5	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1Ø25	2	ACQ	2
UM4Ø2	2 9 5Ø.6	-Ø 5 5	FOS/RD	ACCUM	1.Ø	G4ØØH	4Ø13	1	3ØØ	1Ø25	2		1
UM4Ø2	2 9 5Ø.6	-Ø 5 5	FOS/BL	ACCUM	1.Ø	G16ØL	1837	1	24Ø	1Ø25	2		1
UM4Ø2	2 9 5Ø.6	-Ø 5 5	FOS/RD	ACCUM	1.Ø	G27ØH	2753	2	45Ø	1Ø25	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PKS0215+015	2 17 48.9	1 44 50	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1029	2	ACQ	1
PKS0215+015	2 17 48.9	1 44 50	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		3
PKS0215+015	2 17 48.9	1 44 50	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		2
PKS0215+015	2 17 48.9	1 44 50	FOS/BL	ACCUM	0.5	G130H	1379	1	1500	1029	2		1
0215+015	2 17 49.0	1 44 50	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
MIRA-B	2 19 20.7	-2 58 39	HRS	ACCUM	0.25	ECH-A	1550	1	1000	1169	3		1
MIRA-B	2 19 20.7	-2 58 39	HRS	ACCUM	0.25	ECH-B	2800	1	1000	1169	3		1
MIRA-B	2 19 20.7	-2 58 39	HRS	ACCUM	0.25	ECH-A	1335	1	1000	1169	3		1
MIRA-B	2 19 20.7	-2 58 39	HRS	ACCUM	0.25	ECH-B	1808	1	1000	1169	3		1
MIRA-B	2 19 20.7	-2 58 39	HRS	ACCUM	0.25	G160M	1477	1	1000	1169	3		1
MIRA-B	2 19 20.7	-2 58 39	HRS	ACCUM	0.25	G160M	1216	1	2000	1169	3		1
MIRA-B	2 19 20.7	-2 58 39	FOC/288	OCC	512X1024-F0.4	F486N		1	1200	1169	3		1
HD14386	2 19 20.7	-2 58 27	FOC/288	IMAGE	256X256	F170M F175W		1	720	1252	3		2
HD14386	2 19 20.7	-2 58 27	FOC/288	IMAGE	256X256	F220W F231M F2ND		1	720	1252	3		2
HD15008	2 21 45.0	-68 39 34	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD15008	2 21 45.0	-68 39 34	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD15008	2 21 45.0	-68 39 34	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD15008	2 21 45.0	-68 39 34	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
3C66A	2 22 39.5	43 2 8	FOS/BL	ACCUM	1.0	G270H		1	400	1043	2	CON	1
3C66A	2 22 39.5	43 2 8	FOS/BL	ACCUM	1.0	G130H		1	1600	1043	2	CON	1
3C66A	2 22 39.5	43 2 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1043	2	ACQ CON	1
3C66B	2 23 11.5	42 59 32	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C66B-FIELD	2 23 11.5	42 59 32	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
3C66B-OFFSET	2 23 11.5	42 59 32*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
3C66B	2 23 11.5	42 59 31	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
3C66B	2 23 11.5	42 59 31	FOC/96	IMAGE	512X512	F220W		1	2400	1228	0		1
3C66B	2 23 11.5	42 59 31	FOC/96	IMAGE	512X512	F320W		1	2400	1228	0		1
3C66B	2 23 11.5	42 59 31	FOC/96	IMAGE	512X512	F502M		1	1200	1228	0		1
3C66B	2 23 11.5	42 59 31	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C66B	2 23 11.5	42 59 31	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C65	2 23 43.5	40 0 52	WFC	IMAGE	ALL	F702W		1	2700	1070	0		1
3C65	2 23 43.5	40 0 52	WFC	IMAGE	ALL	F850LP		1	2700	1070	0		1
3C65	2 23 43.5	40 0 52	FOC/96	IMAGE	512X512	F342W		1	2000	1229	2		1
3C65	2 23 43.5	40 0 52	FOC/96	IMAGE	512X512	F430W		1	2000	1229	2		1
3C67	2 24 12.3	27 50 11	FOC/96	IMAGE	512X512	F152M		1	600	1228	2		1
3C67	2 24 12.3	27 50 11	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
3C67	2 24 12.3	27 50 11	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C67	2 24 12.3	27 50 11	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
RWTRI	2 25 35.6	28 5 52	FGS	POS	2	F550W		1	52	1000	0		8
RWTRI	2 25 35.6	28 5 52	FGS	POS	2	F550W		1	52	1000	1		20
RWTRI	2 25 35.6	28 5 52	FGS	POS	2	F550W		1	52	1000	2		20
RWTRI	2 25 35.6	28 5 52	FGS	POS	2	F550W		1	52	2933	0		8
RWTRI	2 25 35.6	28 5 52	FGS	POS	2	F550W		1	52	2933	1		20
RWTRI	2 25 35.6	28 5 52	FGS	POS	2	F550W		1	52	2933	2		20
RWTRI	2 25 35.6	28 5 52	FGS	TRANS	ANY	F583W		1	100	1000	0		1
RWTRI	2 25 35.6	28 5 52	FGS	TRANS	ANY	F583W		1	100	2933	0		1
NGC936-NUC	2 27 37.5	-1 9 18	PC	IMAGE	ALL	F785LP		1	11	1118	3		1
NGC936-NUC	2 27 37.5	-1 9 18	PC	IMAGE	ALL	F785LP		1	110	1118	3		1
NGC936-NUC	2 27 37.5	-1 9 18	PC	IMAGE	ALL	F555W		1	15	1118	3		1
NGC936-NUC	2 27 37.5	-1 9 18	PC	IMAGE	ALL	F555W		1	153	1118	3		1
Q0226-104	2 28 39.1	-10 11 10	FOS/RD	ACCUM	1.0	PRISM		1	300	1146	1		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
Q0226-104	2 28 39.1	-10 11 10	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1146	1	ACQ	1
Q0226-104	2 28 39.1	-10 11 10	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
Q0226-104	2 28 39.1	-10 11 10	FOS/BL	ACCUM	1.0	G160L	1837	1	600	1146	2		1
HD15570	2 32 49.4	61 22 42	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	0		2
3C68.2	2 34 23.8	31 34 17	WFC	IMAGE	ALL	F785LP		2	2700	1070	1		1
FEIGE24	2 35 7.4	3 43 55	FGS	POS	2	F550W		1	52	1000	0		8
FEIGE24	2 35 7.4	3 43 55	FGS	POS	2	F550W		1	52	1000	1		20
FEIGE24	2 35 7.4	3 43 55	FGS	POS	2	F550W		1	52	1000	2		20
FEIGE24	2 35 7.4	3 43 55	FGS	POS	2	F550W		1	52	2932	0		8
FEIGE24	2 35 7.4	3 43 55	FGS	POS	2	F550W		1	52	2932	1		20
FEIGE24	2 35 7.4	3 43 55	FGS	POS	2	F550W		1	52	2932	2		20
FEIGE24	2 35 7.4	3 43 55	FGS	TRANS	ANY	F583W		1	100	1000	0		1
FEIGE24	2 35 7.4	3 43 55	FGS	TRANS	ANY	F583W		1	100	2932	0		1
AO0235+164	2 38 38.9	16 37 0	HSP/UV2	STAR-SKY	0.4-C	F140LP		1	60	1099	1		10
AO0235-COMP	2 38 38.9	16 36 58*	FOS/RD	ACCUM	0.5	G190H		1	4000	1035	2		1
AO0235-COMP	2 38 38.9	16 36 58*	FOS/RD	ACCUM	0.5	PRISM	3500	1	4000	1035	2		1
AO0235+164	2 38 38.9	16 37 0	WFC	IMAGE	W1	F791W		1	600	1035	0	ACQ	1
AO0235+164	2 38 38.9	16 37 0	WFC	IMAGE	W1	F492M		1	1200	1035	0	ACQ	1
AO0235+164	2 38 38.9	16 37 0	WFC	IMAGE	W1	F128LP		1	600	1035	0	ACQ	1
AO0235+164	2 38 38.9	16 37 0	FOS/BL	ACCUM	0.5	PRISM	3500	1	500	1035	1		1
AO0235+164	2 38 38.9	16 37 0	FOS/BL	ACCUM	0.5	G160L	1600	1	1000	1035	1		1
AO0235+164	2 38 38.9	16 37 0	FOS/RD	ACCUM	0.5	G190H	1900	1	10000	1035	1		1
AO0235+164	2 38 38.9	16 37 0	FOS/RD	ACCUM	0.5	G270H	2700	1	3000	1035	1		1
AO0235+164	2 38 38.9	16 37 0	FOS/BL	ACQ/BINA	4.3	MIRROR		1	9	1035	1	ACQ	1
AO0235+164	2 38 38.9	16 37 0	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1035	1	ACQ	1
AO0235+164	2 38 38.9	16 37 0	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1035	2	ACQ	2
AO0235+164	2 38 38.9	16 37 0	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1035	2	ACQ CON	1
AO0235-FUZZ	2 38 38.9	16 37 0	FOS/RD	ACCUM	2.0-BAR	PRISM	4000	1	4000	1035	2	CON	1
AO0235+164	2 38 38.9	16 37 0	FOS/RD	ACCUM	0.5	PRISM	5400	1	1440	1029	2		3
AO0235+164	2 38 38.9	16 37 0	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
AO0235-COMP-2	2 38 39.0	16 36 59*	FOS/RD	ACCUM	0.5	PRISM	3500	1	2000	1035	2		1
AO0235-COMP-2	2 38 39.0	16 36 59*	FOS/RD	ACCUM	0.5	G650L	6500	1	2000	1035	2		1
INCA221-18	2 39 31.5	-23 5 45	FGS	POS	2	F583W		1	51	1532	2		4
POINT0237-233INCA221-18	2 39 35.6	-23 18 37	S/C	POINTING	V1			1	0	1532	2		2
FORNAX-CLUSTER4	2 40 7.4	-34 32 15	WFC	IMAGE	ALL	F555W		1	200	1110	2		1
FORNAX-CLUSTER4	2 40 7.4	-34 32 15	WFC	IMAGE	ALL	F555W		1	2000	1110	2		1
FORNAX-CLUSTER4	2 40 7.4	-34 32 15	WFC	IMAGE	ALL	F785LP		1	200	1110	2		1
FORNAX-CLUSTER4	2 40 7.4	-34 32 15	WFC	IMAGE	ALL	F785LP		1	1700	1110	2		1
PKS0237-23	2 40 8.1	-23 9 16	WFC	IMAGE	ANY	F128LP		1	1200	1028	2		1
PKS0237-23	2 40 8.1	-23 9 16	FOS/RD	ACCUM	0.5	G270H	2700	1	4800	1028	2		1
PKS0237-23	2 40 8.1	-23 9 16	FOS/RD	ACQ/BINA	4.3	MIRROR		1	17	1028	2	ACQ	1
0237-233INCA221-18	2 40 8.1	-23 9 18	FGS	POS	2	F583W		1	51	1532	2		6
0237-233	2 40 8.2	-23 9 16	FOC/288	IMAGE	512X512	F2ND F342W		1	300	1236	0		1
NGC1052-OFFSET-STARS-FIELD	2 41 2.4	-8 15 59*	WFC	IMAGE	ALL	F606W		1	15	1038	0	ACQ	1
NGC1052	2 41 4.8	-8 15 21	PC	IMAGE	ALL	F194W		1	900	1038	0	ACQ	1
NGC1052	2 41 4.8	-8 15 21	PC	IMAGE	ALL	F375N		1	900	1038	0	ACQ	1
NGC1052	2 41 4.8	-8 15 21	PC	IMAGE	ALL	F502N		1	900	1038	0	ACQ	1
NGC1052	2 41 4.8	-8 15 21	PC	IMAGE	ALL	F664N		3	300	1038	0	ACQ	1
NGC1052	2 41 4.8	-8 15 21	PC	IMAGE	ALL	F230W		1	720	1038	0	ACQ	1
NGC1052	2 41 4.8	-8 15 21	PC	IMAGE	ALL	F547M		1	180	1038	0	ACQ	1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC1052	2 41 4.8	-8 15 21	FOS/BL	ACCUM	0.3	G130H		1	600	1038	1		1
NGC1052	2 41 4.8	-8 15 21	FOS/BL	ACCUM	0.3	G190H		1	300	1038	1		1
NGC1052	2 41 4.8	-8 15 21	FOS/RD	ACCUM	0.3	G270H		1	300	1038	1		1
NGC1052	2 41 4.8	-8 15 21	FOS/RD	ACCUM	0.3	G400H		1	300	1038	1		1
NGC1052	2 41 4.8	-8 15 21	FOS/RD	ACCUM	0.3	G570H		1	300	1038	1		1
NGC1052-CLOUD1	2 41 4.8	-8 15 21*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	1		1
NGC1052-CLOUD1	2 41 4.8	-8 15 21*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	1		1
NGC1052-CLOUD1	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	1		1
NGC1052-CLOUD1	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	1		1
NGC1052-CLOUD1	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	1		1
NGC1052-CLOUD2	2 41 4.8	-8 15 21*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	1		1
NGC1052-CLOUD2	2 41 4.8	-8 15 21*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	1		1
NGC1052-CLOUD2	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	1		1
NGC1052-CLOUD2	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	1		1
NGC1052-CLOUD2	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	1		1
NGC1052-CLOUD3	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC1052-CLOUD3	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC1052-CLOUD3	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC1052-CLOUD3	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC1052-CLOUD3	2 41 4.8	-8 15 21*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	CON SEL	1
NGC1052-CLOUD3	2 41 4.8	-8 15 21*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	CON SEL	1
NGC1052-CLOUD4	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC1052-CLOUD5	2 41 4.8	-8 15 21*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC1052-OFFSET-STAR	2 41 4.8	-8 15 21*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1038	1	ACQ	1
NGC1052-OFFSET-STAR	2 41 4.8	-8 15 21*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1038	1	ACQ	1
NGC1052-NUC	2 41 4.9	-8 15 21	PC	IMAGE	ALL	F702W		1	6	1118	2		1
NGC1052-NUC	2 41 4.9	-8 15 21	PC	IMAGE	ALL	F702W		1	60	1118	2		1
NGC1052-NUC	2 41 4.9	-8 15 21	PC	IMAGE	ALL	F555W		1	266	1118	2		1
NGC1052-NUC	2 41 4.9	-8 15 21	PC	IMAGE	ALL	F664N		1	120	1118	2		1
NGC1052-NUC	2 41 4.9	-8 15 21	PC	IMAGE	ALL	F664N		1	1200	1118	2		1
NGC1052-NUC	2 41 4.9	-8 15 21	PC	IMAGE	ALL	F785LP		1	19	1118	2		1
NGC1052-NUC	2 41 4.9	-8 15 21	PC	IMAGE	ALL	F555W		1	26	1118	2		1
NGC1052-NUC	2 41 4.9	-8 15 21	PC	IMAGE	ALL	F785LP		1	189	1118	2		1
NGC1052	2 41 5.0	-8 15 21	FOC/96	IMAGE	512X512	F501N	5010	1	400	1227	0		1
NGC1052	2 41 5.0	-8 15 21	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	0		1
NGC1052	2 41 5.0	-8 15 21	FOC/96	IMAGE	512X1024	F502M	4950	1	500	1217	1		1
NGC1052	2 41 5.0	-8 15 21	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	0		1
NGC1052	2 41 5.0	-8 15 21	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	3700	1217	1		1
NGC1052	2 41 5.0	-8 15 21	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	120	1227	0		1
NGC1052	2 41 5.0	-8 15 21	FOC/96	IMAGE	512X1024	F501N	5010	1	3249	1217	1		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G140L	1590	1	1320	1170	3		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G200M	1860	1	240	1170	3		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G270M	2770	1	120	1170	3		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G270M	2860	1	120	1170	3		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G140L	1315	1	960	1170	3		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G200M	1755	1	240	1170	3		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G270M	2435	1	120	1170	3		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G270M	2335	1	120	1170	3		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G270M	2815	1	120	1170	3		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G200M	1934	1	240	1170	3		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G200M	1972	1	240	1170	3		1
NGC1068	2 42 40.7	-0 0 48	HRS	ACCUM	2.0	G200M	1898	1	240	1170	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC1068	2 42 40.7	-0 0 48	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
NGC1068	2 42 40.7	-0 0 48	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC1068	2 42 40.7	-0 0 48	FOC/288	IMAGE	512X512	F152M	1500	1	400	1227	0		1
NGC1068	2 42 40.7	-0 0 48	FOC/96	IMAGE	512X512	F501N	5010	1	400	1227	0		1
NGC1068	2 42 40.7	-0 0 48	FOC/288	IMAGE	512X512	F278M	2780	1	400	1227	0		1
NGC1068	2 42 40.7	-0 0 48	FOC/288	IMAGE	512X512	F486N	4870	1	400	1227	0		1
NGC1068	2 42 40.7	-0 0 48	FOC/288	IMAGE	512X512	F502M	4950	1	400	1227	0		1
NGC1068	2 42 40.7	-0 0 48	FOC/288	IMAGE	256X256	F190M	1975	1	400	1219	1		3
NGC1068	2 42 40.7	-0 0 48	FOC/288	IMAGE	512X512	F120M	1215	1	600	1227	0		1
NGC1068	2 42 40.7	-0 0 48	FOC/288	IMAGE	512X512	F501N	5010	1	400	1227	0		1
NGC1068	2 42 40.7	-0 0 48	FOC/288	IMAGE	512X512	F550M	5470	1	400	1227	0		1
NGC1068	2 42 40.7	-0 0 48	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	0		1
NGC1068	2 42 40.7	-0 0 48	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	400	1227	0		1
NGC1068-NUC	2 42 40.7	-0 0 48	FOC/288	IMAGE	512X512	F1ND F307M POL0		1	1680	1219	1		1
NGC1068-NUC	2 42 40.7	-0 0 48	FOC/288	IMAGE	512X512	F1ND F307M POL60		1	1680	1219	1		1
NGC1068-NUC	2 42 40.7	-0 0 48	FOC/288	IMAGE	512X512	F1ND F307M POL120		1	1680	1219	1		1
NGC1068-NUC	2 42 40.7	-0 0 48	FOC/96	IMAGE	512X512	F1ND F307M POL0	3080	1	1800	1219	2		1
NGC1068-NUC	2 42 40.7	-0 0 48	FOC/96	IMAGE	512X512	F1ND F307M POL0	3080	1	3600	1219	2		1
NGC1068-NUC	2 42 40.7	-0 0 48	FOC/96	IMAGE	512X512	F1ND F307M POL60	3080	1	1800	1219	2		1
NGC1068-NUC	2 42 40.7	-0 0 48	FOC/96	IMAGE	512X512	F1ND F307M POL60	3080	1	3600	1219	2		1
NGC1068-NUC	2 42 40.7	-0 0 48	FOC/96	IMAGE	512X512	F1ND F307M POL120	3080	1	1800	1219	2		1
NGC1068-NUC	2 42 40.7	-0 0 48	FOC/96	IMAGE	512X512	F1ND F307M POL120	3080	1	3600	1219	2		1
NGC1068-CLOUD1	2 42 40.7	-0 0 46*	FOS/BL	ACCUM	0.5	PRISM		1	1440	1029	1		1
NGC1068-CLOUD1	2 42 40.7	-0 0 46*	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	1		1
NGC1068-CLOUD2	2 42 40.7	-0 0 46*	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	1		1
NGC1068-CLOUD2	2 42 40.7	-0 0 46*	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	1		1
NGC1068-NUCLEUS	2 42 40.7	-0 0 46	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	1		2
NGC1068-NUCLEUS	2 42 40.7	-0 0 46	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	1		1
NGC1068-OFFSET	2 42 40.7	-0 0 46*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	1	ACQ	1
NGC1068	2 42 40.7	-0 0 48	PC	IMAGE	ALL	F194W		1	900	1036	0	ACQ	1
NGC1068	2 42 40.7	-0 0 48	PC	IMAGE	ALL	F375N		1	900	1036	0	ACQ	1
NGC1068	2 42 40.7	-0 0 48	PC	IMAGE	ALL	F502N		1	900	1036	0	ACQ	1
NGC1068	2 42 40.7	-0 0 48	PC	IMAGE	ALL	F230W		1	720	1036	0	ACQ	1
NGC1068	2 42 40.7	-0 0 48	PC	IMAGE	ALL	F547M		1	180	1036	0	ACQ	1
NGC1068	2 42 40.7	-0 0 48	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1		1
NGC1068	2 42 40.7	-0 0 48	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1		1
NGC1068	2 42 40.7	-0 0 48	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1		1
NGC1068	2 42 40.7	-0 0 48	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1		1
NGC1068	2 42 40.7	-0 0 48	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1		1
NGC1068	2 42 40.7	-0 0 48	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	1	ACQ	1
NGC1068	2 42 40.7	-0 0 48	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
NGC1068	2 42 40.7	-0 0 48	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
NGC1068-CLOUD1	2 42 40.7	-0 0 48*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1		1
NGC1068-CLOUD1	2 42 40.7	-0 0 48*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1		1
NGC1068-CLOUD1	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1		1
NGC1068-CLOUD1	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1		1
NGC1068-CLOUD1	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1		1
NGC1068-CLOUD2	2 42 40.7	-0 0 48*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1		1
NGC1068-CLOUD2	2 42 40.7	-0 0 48*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1		1
NGC1068-CLOUD2	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1		1
NGC1068-CLOUD2	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1		1
NGC1068-CLOUD2	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC1068-CLOUD3	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC1068-CLOUD3	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC1068-CLOUD3	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC1068-CLOUD3	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC1068-CLOUD3	2 42 40.7	-0 0 48*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	CON SEL	1
NGC1068-CLOUD3	2 42 40.7	-0 0 48*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	CON SEL	1
NGC1068-CLOUD4	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC1068-CLOUD5	2 42 40.7	-0 0 48*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL0	F216M		1	60	1099	3		1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL0	F237M		1	60	1099	3		1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL0	F277M		1	60	1099	3		10
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL0	F327M		1	60	1099	3		1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL45	F216M		1	60	1099	3		1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL45	F237M		1	60	1099	3		1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL45	F277M		1	60	1099	3		10
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL45	F327M		1	60	1099	3		1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL90	F216M		1	60	1099	3		1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL90	F237M		1	60	1099	3		1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL90	F277M		1	60	1099	3		10
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL90	F327M		1	60	1099	3		1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL135	F216M		1	60	1099	3		1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL135	F237M		1	60	1099	3		1
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL135	F277M		1	60	1099	3		10
NGC1068	2 42 40.8	-0 0 48	HSP/POL	SINGLE	POL135	F327M		1	60	1099	3		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F547M		1	3	1118	0		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F547M		1	30	1118	0		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F547M		1	300	1118	0		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F664N		1	4	1118	0		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F664N		1	40	1118	0		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F664N		1	400	1118	0		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F702W		1	0	1118	0		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F702W		1	2	1118	0		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F702W		1	20	1118	0		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F875M		1	1	1118	0		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F875M		1	15	1118	0		1
NGC1068-NUC	2 42 40.8	-0 0 47	PC	IMAGE	ALL	F875M		1	150	1118	0		1
NGC1068-P4	2 42 40.9	-0 0 38*	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1450	1218	2		1
NGC1068-P4	2 42 40.9	-0 0 38*	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1500	1218	2		1
NGC1068-P3	2 42 41.4	-0 0 38*	FOC/96	IMAGE	512X512	F550M	5500	1	1400	1218	2		1
NGC1068-P3	2 42 41.4	-0 0 38*	FOC/96	IMAGE	512X512	F501N	5010	1	800	1218	2		1
NGC1068-P3	2 42 41.4	-0 0 38*	FOC/96	IMAGE	512X512	F501N	5010	1	850	1218	2		1
NGC1068-FIELD	2 42 43.2	-0 0 56	WFC	IMAGE	ALL	F439W	4353	1	15	1029	1	ACQ	1
NGC1068-0240-0013	2 42 44.3	0 4 0*	PC	IMAGE	P7	F547M		1	20	1118	0		1
HD16970-CALIB	2 43 18.5	3 14 16	FOC/288	IMAGE	512X512	F190M F8ND	1975	1	300	1219	1	CAL	1
HD17081	2 44 7.3	-13 51 31	HRS	ACCUM	0.25	ECH-A	1649	1	519	1182	2		1
HD17081	2 44 7.3	-13 51 31	HRS	ACCUM	0.25	ECH-B	1942	1	130	1182	2		1
TAU1-ERI	2 45 4.9	-18 34 22	WFC	IMAGE	ALL	F555W		1	40	1122	3		2
TAU1-ERI	2 45 4.9	-18 34 22	WFC	IMAGE	ALL	F555W		1	2000	1122	3		2
HD17206	2 45 6.1	-18 34 21	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	1		1
HD17206	2 45 6.1	-18 34 21	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	1		1
HD17206	2 45 6.1	-18 34 21	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	1		1
HD17206	2 45 6.1	-18 34 21	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC1097	2 46 19.3	-30 16 33	FOC/96	IMAGE	512X512	F501N	5010	1	600	1227	2		1
NGC1097	2 46 19.3	-30 16 33	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
NGC1097-NUC	2 46 19.3	-30 16 33	PC	IMAGE	ALL	F555W		1	80	1118	3		1
NGC1097-NUC	2 46 19.3	-30 16 33	PC	IMAGE	ALL	F555W		1	800	1118	3		1
NGC1097-NUC	2 46 19.3	-30 16 33	PC	IMAGE	ALL	F785LP		1	70	1118	3		1
NGC1097-NUC	2 46 19.3	-30 16 33	PC	IMAGE	ALL	F785LP		1	700	1118	3		1
MK600	2 51 4.6	4 27 14	PC	IMAGE	ALL	F850LP		1	2500	1246	3		1
MK600	2 51 4.6	4 27 14	FOC/96	IMAGE	512X512	F342W		1	1000	1246	3		1
MK600	2 51 4.6	4 27 14	FOC/96	IMAGE	512X512	F165W		1	2200	1246	3		1
S4-0248+43	2 51 34.6	43 15 16	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
S4-0248+43	2 51 34.6	43 15 16	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
0249-222	2 51 40.4	-22 0 27	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
NGC1129	2 54 32.2	41 35 10	FOC/96	IMAGE	512X512	F120M		1	900	1251	2		1
NGC1129	2 54 32.2	41 35 10	FOC/96	IMAGE	512X512	F372M		1	900	1251	2		1
3C75-FIELD	2 57 41.6	6 1 29	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
3C75	2 57 41.6	6 1 37	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C75	2 57 41.6	6 1 37	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
3C75	2 57 41.6	6 1 37	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1
3C75-OFFSET	2 57 41.6	6 1 37*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
POINT-CP7.1	3 0 43.5	1 51 13	S/C	POINTING	V1			1	0	1014	1		1
POINT-CP7.2	3 1 34.3	2 3 49	S/C	POINTING	V1			1	0	1014	2	CON	1
HD18978	3 2 23.4	-23 37 28	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD18978	3 2 23.4	-23 37 28	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD18978	3 2 23.4	-23 37 28	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD18978	3 2 23.4	-23 37 28	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
RX-CAS	3 7 45.8	67 34 39	HRS	ACCUM	0.25	G160M	1400	2	600	1190	1		1
RX-CAS	3 7 45.8	67 34 39	HRS	ACCUM	0.25	G160M	1335	2	600	1190	1		1
RX-CAS	3 7 45.8	67 34 39	HRS	ACCUM	0.25	G160M	1538	2	600	1190	1		1
RX-CAS	3 7 45.8	67 34 39	HRS	ACCUM	0.25	G140L	1280	1	60	1174	1		1
RX-CAS	3 7 45.8	67 34 39	HRS	ACCUM	0.25	G140L	1280	1	220	1174	3		1
RX-CAS	3 7 45.8	67 34 39	HRS	ACCUM	0.25	G140L	1555	1	60	1174	1		1
RX-CAS	3 7 45.8	67 34 39	HRS	ACCUM	0.25	G140L	1555	1	220	1174	3		1
HD19445	3 8 25.7	26 19 55	HRS	ACCUM	0.25	G270M	2497	2	1500	1064	0		1
3C78	3 8 26.3	4 6 38	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C78	3 8 26.3	4 6 38	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
3C78	3 8 26.3	4 6 38	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1
3C78-OFFSET	3 8 26.3	4 6 38*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
3C78	3 8 26.3	4 6 40	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C78	3 8 26.3	4 6 40	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C78	3 8 26.3	4 6 40	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C78-FIELD	3 8 29.3	4 6 58	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
HD19373	3 9 1.7	49 36 48	FOC/96	OCC	512X512-F0.4	F370LP		1	1500	1274	2		1
3C79	3 10 0.5	17 6 0	WFC	IMAGE	ALL	F555W		1	140	1116	3		1
3C79	3 10 0.5	17 6 0	WFC	IMAGE	ALL	F725LP		1	200	1116	3		1
3C79	3 10 0.5	17 6 0	WFC	IMAGE	ALL	F725LP		1	1600	1116	3		1
0308-193	3 10 28.5	-19 9 27	FOS/RD	ACCUM	0.5	PRISM	3500	1	50	1027	2		2
0308-193	3 10 28.5	-19 9 27	FOS/RD	ACCUM	0.5	PRISM	3500	1	1800	1027	2		1
0308-193	3 10 28.5	-19 9 27	FOS/BL	ACCUM	0.5	G160L	1650	1	50	1027	2		2
0308-193	3 10 28.5	-19 9 27	FOS/BL	ACCUM	0.5	G160L	1650	1	1000	1027	2		1
0308-193	3 10 28.5	-19 9 27	FOS/BL	ACCUM	0.5	G130H	1300	1	4000	1027	2	CON	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
0308-193	3 10 28.5	-19 9 27	FOS/RD	ACCUM	0.5	G190H	1900	1	3000	1027	2	CON	1
0308-193	3 10 28.5	-19 9 27	FOS/RD	ACCUM	0.5	G270H	2700	1	1000	1027	2	CON	1
0308-193	3 10 28.5	-19 9 27	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ	1
0308-193	3 10 28.5	-19 9 27	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ	1
0308-193	3 10 28.5	-19 9 27	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ CON	1
0308-193	3 10 28.5	-19 9 27	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ CON	1
0312-770INCA221-22	3 11 55.1	-76 51 52	FGS	POS	2	F583W		1	51	1532	1		3
0312-770INCA221-22	3 11 55.1	-76 51 52	FGS	POS	2	F583W		1	51	1532	2		3
INCA221-22	3 13 3.9	-77 1 44	FGS	POS	2	F583W		1	51	1532	1		2
INCA221-22	3 13 3.9	-77 1 44	FGS	POS	2	F583W		1	51	1532	2		2
EF-ERI	3 14 12.7	-22 35 40	HRS	ACCUM	2.0	G140L	1520	1	300	1155	0		8
EF-ERI	3 14 13.0	-22 35 41	FOS/BL	ACCUM	0.5	G160L		1	960	1051	0		4
EF-ERI	3 14 13.0	-22 35 41	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1051	0	ACQ	1
POINT0312-770INCA221-22	3 15 26.8	-76 52 17	S/C	POINTING	V1			1	0	1532	1		1
POINT0312-770INCA221-22	3 15 26.8	-76 52 17	S/C	POINTING	V1			1	0	1532	2		1
HD20135	3 16 1.9	48 1 41	HRS	ACCUM	2.0	G140L	1430	4	250	1210	0		1
3C83.1	3 18 15.8	41 51 28	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C83.1	3 18 15.8	41 51 28	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
3C83.1	3 18 15.8	41 51 28	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1
3C83.1-FIELD	3 18 15.8	41 51 28	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
3C83.1-OFFSET	3 18 15.8	41 51 28*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
NGC1265	3 18 15.8	41 51 28	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
NGC1265	3 18 15.8	41 51 28	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
NGC1265	3 18 15.8	41 51 28	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
OFFNGC1265	3 18 15.8	41 51 28*	WFC	IMAGE	ALL	F664N		1	600	1228	1	PAR	1
POINT0316+413INCA221-23	3 18 36.9	41 28 5	S/C	POINTING	V1			1	0	1532	1		1
POINT0316+413INCA221-23	3 18 36.9	41 28 5	S/C	POINTING	V1			1	0	1532	2		1
INCA221-23	3 19 10.1	41 16 17	FGS	POS	2	F550W		1	51	1532	1		2
INCA221-23	3 19 10.1	41 16 17	FGS	POS	2	F550W		1	51	1532	2		2
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F555W		1	30	1105	2		1
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F664N		1	30	1105	2		1
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F555W		1	230	1105	2		1
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F555W		1	1400	1105	2		1
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F555W		1	2300	1105	2		1
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F664N		1	230	1105	2		1
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F664N		1	1200	1105	2		1
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F664N		1	2100	1105	2		1
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F785LP		1	30	1105	2		1
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F785LP		1	230	1105	2		1
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F785LP		1	1400	1105	2		1
NGC1275	3 19 48.1	41 30 39	WFC	IMAGE	ALL	F785LP		1	2300	1105	2		1
NGC1275	3 19 48.1	41 30 42	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
NGC1275	3 19 48.1	41 30 42	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC1275	3 19 48.2	41 30 42	FOC/96	IMAGE	512X512	F120M	1215	1	400	1227	0		1
NGC1275	3 19 48.2	41 30 42	FOC/96	IMAGE	512X512	F190M	1975	1	400	1227	0		1
NGC1275	3 19 48.2	41 30 42	FOC/96	IMAGE	512X512	F501N	5010	1	400	1227	0		1
NGC1275	3 19 48.2	41 30 42	FOC/96	IMAGE	512X512	F502M	5020	1	400	1227	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC1275	3 19 48.2	41 30 42	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	0		1
NGC1275	3 19 48.2	41 30 42	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	1		1
NGC1275	3 19 48.2	41 30 42	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	600	1227	1		1
NGC1275	3 19 48.2	41 30 42	HSP/POL	SINGLE	POL0	F216M		1	60	1099	2		4
NGC1275	3 19 48.2	41 30 42	HSP/POL	SINGLE	POL0	F277M		1	60	1099	2		2
NGC1275	3 19 48.2	41 30 42	HSP/POL	SINGLE	POL45	F216M		1	60	1099	2		4
NGC1275	3 19 48.2	41 30 42	HSP/POL	SINGLE	POL45	F277M		1	60	1099	2		2
NGC1275	3 19 48.2	41 30 42	HSP/POL	SINGLE	POL90	F216M		1	60	1099	2		4
NGC1275	3 19 48.2	41 30 42	HSP/POL	SINGLE	POL90	F277M		1	60	1099	2		2
NGC1275	3 19 48.2	41 30 42	HSP/POL	SINGLE	POL135	F216M		1	60	1099	2		4
NGC1275	3 19 48.2	41 30 42	HSP/POL	SINGLE	POL135	F277M		1	60	1099	2		2
0316+413	3 19 48.2	41 30 42	PC	IMAGE	P8	F606W		1	0	1139	2		1
0316+413	3 19 48.2	41 30 42	PC	IMAGE	P8	F725LP		1	0	1139	2		1
0316+413INCA221-23	3 19 48.2	41 30 42	FGS	POS	2	F550W		1	51	1532	1		3
0316+413INCA221-23	3 19 48.2	41 30 42	FGS	POS	2	F550W		1	51	1532	2		3
NGC1275	3 19 48.2	41 30 42	PC	IMAGE	ALL	F194W		1	900	1036	0	ACQ	1
NGC1275	3 19 48.2	41 30 42	PC	IMAGE	ALL	F230W		1	900	1036	0	ACQ	1
NGC1275	3 19 48.2	41 30 42	PC	IMAGE	ALL	F664N		3	300	1036	0	ACQ	1
NGC1275	3 19 48.2	41 30 42	PC	IMAGE	ALL	F547M		1	180	1036	0	ACQ	1
NGC1275	3 19 48.2	41 30 42	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2		1
NGC1275	3 19 48.2	41 30 42	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2		1
NGC1275	3 19 48.2	41 30 42	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2		1
NGC1275	3 19 48.2	41 30 42	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2		1
NGC1275	3 19 48.2	41 30 42	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2		1
NGC1275	3 19 48.2	41 30 42	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ	1
NGC1275	3 19 48.2	41 30 42	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
NGC1275	3 19 48.2	41 30 42	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
NGC1275-CLOUD1	3 19 48.2	41 30 42*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2		1
NGC1275-CLOUD1	3 19 48.2	41 30 42*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2		1
NGC1275-CLOUD1	3 19 48.2	41 30 42*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2		1
NGC1275-CLOUD1	3 19 48.2	41 30 42*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2		1
NGC1275-CLOUD1	3 19 48.2	41 30 42*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2		1
NGC1275-CLOUD2	3 19 48.2	41 30 42*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2		1
NGC1275-CLOUD3	3 19 48.2	41 30 42*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC1275-CLOUD3	3 19 48.2	41 30 42*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC1275-CLOUD3	3 19 48.2	41 30 42*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC1275-CLOUD3	3 19 48.2	41 30 42*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC1275-CLOUD3	3 19 48.2	41 30 42*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	CON SEL	1
NGC1275-CLOUD3	3 19 48.2	41 30 42*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	CON SEL	1
NGC1275-CLOUD4	3 19 48.2	41 30 42*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC1275-CLOUD5	3 19 48.2	41 30 42*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC1275	3 19 48.2	41 30 42	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		2
NGC1275	3 19 48.2	41 30 42	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		1
NGC1275-FIELD	3 19 48.2	41 30 42	WFC	IMAGE	ALL	F439W	4353	1	15	1029	2	ACQ	1
NGC1275-OFFSET	3 19 48.2	41 30 42*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
NGC1275	3 19 49.7	41 30 42	FOC/96	IMAGE	512X512	F120M		1	900	1251	1		1
NGC1275	3 19 49.7	41 30 42	FOC/96	IMAGE	512X512	F320W		1	900	1251	1		1
NGC1275	3 19 49.7	41 30 42	FOC/96	IMAGE	512X512	F372M		1	900	1251	1		1
NGC1275	3 19 49.7	41 30 42	FOC/96	IMAGE	512X512	F502M		1	900	1251	1		1
NGC1275-OFFSET	3 19 51.1	41 30 42*	FOC/96	IMAGE	512X512	F120M		1	900	1251	1		1
NGC1275-OFFSET	3 19 51.1	41 30 42*	FOC/96	IMAGE	512X512	F372M		1	900	1251	1		1
HD20794	3 20 5.7	-43 3 34	FOC/288	OCC	512X512-F0.4	F370LP		1	900	1274	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD20794	3 20 5.7	-43 3 34	FOC/288	OCC	512X512-F0.4	F370LP		2	900	1274	2		1
HD20794	3 20 5.7	-43 3 34	FOC/288	OCC	512X512-F0.4	F220W F278M F8ND		1	300	1274	2		1
HD20794	3 20 5.7	-43 3 34	FOC/288	OCC	512X512-F0.4	F220W F278M F8ND		1	240	1274	2	ACQ	1
0318-196	3 20 21.1	-19 26 32	FOS/BL	ACCUM	1.0	G270H		1	1000	1043	1		1
0318-196	3 20 21.1	-19 26 32	FOS/BL	ACCUM	1.0	G130H		2	2000	1043	1		1
0318-196	3 20 21.1	-19 26 32	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1043	1	ACQ	1
HE481	3 21 30.2	48 29 38	HRS	ACCUM	2.0	G140L	1430	4	250	1210	2		1
HE501	3 21 58.6	49 12 55	HRS	ACCUM	2.0	G140L	1430	4	250	1210	2		1
NGC1316-NUC	3 22 41.7	-37 12 30	PC	IMAGE	ALL	F555W		1	1000	1118	0		1
NGC1316-NUC	3 22 41.7	-37 12 30	PC	IMAGE	ALL	F555W		1	56	1118	0		1
NGC1316-NUC	3 22 41.7	-37 12 30	PC	IMAGE	ALL	F785LP		1	4	1118	0		1
NGC1316-NUC	3 22 41.7	-37 12 30	PC	IMAGE	ALL	F785LP		1	40	1118	0		1
NGC1316-NUC	3 22 41.7	-37 12 30	PC	IMAGE	ALL	F555W		1	5	1118	0		1
NGC1316	3 22 41.7	-37 12 29	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
NGC1316	3 22 41.7	-37 12 29	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
NGC1316	3 22 41.7	-37 12 29	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
NGC1316	3 22 41.7	-37 12 29	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
OFFNGC1316	3 22 41.7	-37 12 29*	WFC	IMAGE	ALL	F664N		1	600	1228	1	PAR	1
0321-374	3 23 53.5	-37 15 57	FOS/BL	ACCUM	1.0-PAIR	G270H		1	4000	1267	2		1
HE632	3 24 55.1	47 24 55	HRS	ACCUM	2.0	G140L	1430	4	250	1210	2		1
H0323+022	3 26 13.9	2 25 15	HSP/UV2	SINGLE	1.0	F140LP		1	2100	1099	1		1
H0323+022	3 26 13.9	2 25 15	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1099	1	ACQ	27
H0323+022	3 26 13.9	2 25 15	HSP/POL	STAR-SKY	POL0	F277M		1	66	1099	1		54
H0323+022	3 26 13.9	2 25 15	HSP/POL	STAR-SKY	POL45	F277M		1	66	1099	1		54
H0323+022	3 26 13.9	2 25 15	HSP/POL	STAR-SKY	POL90	F277M		1	66	1099	1		54
H0323+022	3 26 13.9	2 25 15	HSP/UV2	STAR-SKY	0.4-C	F140LP		1	60	1099	1		27
H0323+022	3 26 13.9	2 25 15	HSP/POL	STAR-SKY	POL135	F277M		1	66	1099	1		54
H0323+022	3 26 13.9	2 25 15	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	1	ACQ	1
H0323+022	3 26 13.9	2 25 15	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1029	1	ACQ	1
H0323+022	3 26 13.9	2 25 15	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	1		3
H0323+022	3 26 13.9	2 25 15	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	1		2
H0323+022	3 26 13.9	2 25 15	FOS/BL	ACCUM	0.5	G130H	1379	1	1500	1029	1		1
H0323+022	3 26 13.9	2 25 15	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	1	1029	1	ACQ	1
H0323+022	3 26 13.9	2 25 15	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6337	1	1500	1029	1		1
0324-408	3 26 17.4	-40 36 50	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
HD21242	3 26 35.4	28 42 54	HRS	ACCUM	SC2	G160M	1360	1	10	1159	2	CAL	1
HD21242	3 26 35.4	28 42 54	HRS	RAPID	2.0	G160M	1360	1	1643	1159	2		1
GL490	3 27 38.5	58 46 58	PC	IMAGE	ALL	F702W		1	80	1138	2		1
GL490	3 27 38.5	58 46 58	PC	IMAGE	ALL	F702W		2	400	1138	2		1
GL490	3 27 38.5	58 46 58	PC	IMAGE	ALL	F606W		1	180	1138	2		1
GL490	3 27 38.5	58 46 58	PC	IMAGE	ALL	F850LP		1	23	1138	2		1
GL490	3 27 38.5	58 46 58	PC	IMAGE	ALL	F850LP		4	140	1138	2		1
HH7-11IR	3 29 5.6	31 15 47	WFC	IMAGE	ALL	F656N		2	1000	1138	1		1
HH7-11IR	3 29 5.6	31 15 47	WFC	IMAGE	ALL	F673N		2	1000	1138	1		1
0329-378	3 30 55.9	-37 38 46	FOS/BL	ACCUM	1.0-PAIR	G270H		1	2200	1267	2		1
GK-PER	3 31 11.6	43 54 18	HSP/UV1	PRISM	1.0	F248M/F135W		1	21600	1090	1		1
0330-367	3 32 8.0	-36 34 57	FOS/BL	ACCUM	1.0-PAIR	G130H		1	2200	1267	2		1
HD22049	3 32 52.5	-9 27 29	HRS	ACCUM	2.0	G160M	1550	1	700	1176	2		1
HD22049	3 32 52.5	-9 27 29	HRS	ACCUM	2.0	G200M	1900	1	1300	1176	2		1
HD22049	3 32 52.5	-9 27 29	HRS	ACCUM	2.0	G140L	1304	1	700	1176	2		1
HD22049	3 32 52.5	-9 27 29	HRS	ACCUM	2.0	G140L	1574	1	700	1176	2		1
HD22049	3 32 55.7	-9 27 30	PC	IMAGE	ALL	F622W		4	40	1062	1		4

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD22049	3 32 55.7	-9 27 30	PC	IMAGE	ALL	F875M		4	160	1062	1		4
HD22049	3 32 55.7	-9 27 30	PC	IMAGE	ALL	F122M F875M		1	0	1062	1		2
HD22049	3 32 55.7	-9 27 30	PC	IMAGE	ALL	F122M F875M		1	0	1062	1	ACQ	1
HD22049	3 32 55.9	-9 27 30	FOC/288	OCC	512X512-F0.4	F370LP		1	600	1274	2		2
HD22049	3 32 55.9	-9 27 30	FOC/288	OCC	512X512-F0.4	F370LP		1	900	1274	2		2
HD22049	3 32 55.9	-9 27 30	FOC/288	OCC	512X512-F0.4	F370LP		2	1200	1274	2		2
HD22049	3 32 55.9	-9 27 30	FOC/288	OCC	512X512-F0.4	F220W F278M F8ND		1	300	1274	2		3
HD22049	3 32 55.9	-9 27 30	FOC/288	OCC	512X512-F0.4	F220W F278M F8ND		1	240	1274	2	ACQ	1
HD22049	3 32 55.9	-9 27 30	HRS	ACCUM	SC2	G160M	1360	1	10	1159	1	CAL	1
HD22049	3 32 55.9	-9 27 30	HRS	ACCUM	0.25	ECH-B20	2800	1	280	1175	3		1
HD22049	3 32 55.9	-9 27 30	HRS	ACCUM	0.25	ECH-B22	2600	1	560	1175	3		1
HD22049	3 32 55.9	-9 27 30	HRS	ACCUM	0.25	ECH-A46	1213	1	2400	1175	3		1
HD22049	3 32 55.9	-9 27 30	HRS	RAPID	2.0	G160M	1360	1	1643	1159	1		1
NGC1365-SKY	3 33 1.8	-36 0 57	FOC/96	IMAGE	512X512	F502M	4950	1	60	1220	2		1
NGC1365-SKY	3 33 1.8	-36 0 57	FOC/48	SPEC	256X1024-SLIT	G450M	4400	1	60	1220	2		1
NGC1360-C1	3 33 7.6	-26 4 39	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	1		39
NGC1360-C1	3 33 7.6	-26 4 39	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	1		39
NGC1360-C1	3 33 7.6	-26 4 39	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	1		39
NGC1360-C1	3 33 7.6	-26 4 39	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	2		6
NGC1360-C1	3 33 7.6	-26 4 39	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	2		6
NGC1360-C1	3 33 7.6	-26 4 39	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	2		6
NGC1360	3 33 13.7	-25 51 34	WFC	IMAGE	ALL	F469N		1	2100	1107	2		1
NGC1360	3 33 13.7	-25 51 34	WFC	IMAGE	ALL	F656N		1	2100	1107	2		1
NGC1360	3 33 13.7	-25 51 34	WFC	IMAGE	ALL	F658N		1	2100	1107	2		1
NGC1360	3 33 14.6	-25 52 19	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	1		78
NGC1360	3 33 14.6	-25 52 19	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	1		78
NGC1360	3 33 14.6	-25 52 19	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	1		78
NGC1360	3 33 14.6	-25 52 19	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	2		12
NGC1360	3 33 14.6	-25 52 19	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	2		12
NGC1360	3 33 14.6	-25 52 19	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	2		12
PAL1	3 33 23.0	79 34 50	PC	IMAGE	ALL	F555W	5479	1	1000	1007	0		3
PAL1	3 33 23.0	79 34 50	PC	IMAGE	ALL	F791W	8537	1	1000	1007	0		2
PAL1	3 33 23.0	79 34 50	PC	IMAGE	ALL	F555W	5479	1	1000	1007	1		3
PAL1	3 33 23.0	79 34 50	PC	IMAGE	ALL	F791W	8537	1	1000	1007	1		2
PAL1	3 33 23.0	79 34 50	PC	IMAGE	ALL	F555W	5479	1	1000	2944	0		3
PAL1	3 33 23.0	79 34 50	PC	IMAGE	ALL	F791W	8537	1	1000	2944	0		2
PAL1	3 33 23.0	79 34 50	PC	IMAGE	ALL	F555W	5479	1	1000	2946	1		3
PAL1	3 33 23.0	79 34 50	PC	IMAGE	ALL	F791W	8537	1	1000	2946	1		2
NGC1365-SW	3 33 36.2	-36 8 28	FOC/96	IMAGE	512X512	F470M	4725	1	1800	1220	2		1
NGC1365-SW	3 33 36.2	-36 8 28	FOC/96	IMAGE	512X512	F501N	5010	1	3540	1220	2		1
NGC1365	3 33 36.4	-36 8 26	FOC/48	SPEC	256X1024-SLIT	G450M	4400	1	1560	1220	2		1
NGC1365	3 33 36.4	-36 8 26	FOC/48	SPEC	256X1024-SLIT	G450M	4400	1	2940	1220	2		1
NGC1365	3 33 36.4	-36 8 26	FOC/48	SPEC	256X1024-SLIT	G450M	4400	1	4500	1220	2		1
NGC1360-C2	3 33 45.8	-25 57 38	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	1		39
NGC1360-C2	3 33 45.8	-25 57 38	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	1		39
NGC1360-C2	3 33 45.8	-25 57 38	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	1		39
NGC1360-C2	3 33 45.8	-25 57 38	HSP/UV2	SINGLE	1.0	F218M		1	120	1100	2		6
NGC1360-C2	3 33 45.8	-25 57 38	HSP/UV2	SINGLE	1.0	F278N		1	120	1100	2		6
NGC1360-C2	3 33 45.8	-25 57 38	HSP/VIS	SINGLE	1.0	F551W		1	120	1100	2		6
NGC1380F1	3 36 14.2	-34 56 29	WFC	IMAGE	ALL	F555W		1	2400	1016	2		1
NGC1380F1	3 36 14.2	-34 56 29	WFC	IMAGE	ALL	F785LP		1	2400	1016	2		1
NGC1399	3 36 27.6	-35 27 5	FOC/96	IMAGE	512X512	F320W		1	600	1057	1		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC1399	3 36 27.6	-35 27 5	FOC/96	IMAGE	512X512	F502M		1	300	1057	1		1
NGC1399	3 36 27.6	-35 27 5	FOC/288	IMAGE	512X512	F320W		1	600	1057	3	CON	1
NGC1399	3 36 27.6	-35 27 5	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	3	CON	1
NGC1399	3 36 27.6	-35 27 5	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	3	ACQ CON	1
NGC1380F2	3 36 46.1	-34 57 14	FOC/48	IMAGE	512X512	F342W		1	2400	1016	2	PAR	1
NGC1380F2	3 36 46.1	-34 57 14	FOC/48	IMAGE	512X512	F430W		1	2400	1016	2	PAR	1
HD22468	3 36 47.1	0 35 8	HRS	ACCUM	2.0	G200M	1900	1	300	1176	1		1
HD22468	3 36 47.1	0 35 8	HRS	ACCUM	2.0	G140L	1304	1	230	1176	1		1
HD22468	3 36 47.1	0 35 8	HRS	ACCUM	2.0	G140L	1574	1	230	1176	1		1
HD22468	3 36 47.3	0 35 16	HRS	ACCUM	0.25	ECH-B20	2800	1	560	1175	1		2
HD22468	3 36 47.3	0 35 16	HRS	ACCUM	0.25	ECH-B22	2600	1	1120	1175	1		2
HD22468	3 36 47.3	0 35 16	HRS	ACCUM	0.25	ECH-A46	1213	1	3000	1175	1		2
HD22468	3 36 47.4	0 35 16	HRS	ACCUM	SC2	G160M	1360	1	10	1159	2	CAL	1
HD22468	3 36 47.4	0 35 16	HRS	RAPID	2.0	G160M	1360	1	1643	1159	2		1
NGC1399F1	3 38 31.5	-35 28 33	FOC/48	IMAGE	512X512	F342W		1	2400	1016	2	PAR	1
NGC1399F1	3 38 31.5	-35 28 33	FOC/48	IMAGE	512X512	F430W		1	2400	1016	2	PAR	1
NGC1404F1	3 38 47.0	-35 34 18	WFC	IMAGE	ALL	F555W		1	2400	1016	2		1
NGC1404F1	3 38 47.0	-35 34 18	WFC	IMAGE	ALL	F785LP		1	2400	1016	2		1
HD23817	3 44 13.1	-64 48 22	FOC/96	OCC	512X512-F0.4	F370LP		1	1500	1274	2		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	SC1	G140M	1403	1	222	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	SC1	ECH-B19	2893	1	330	1200	0		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-A45	1255	1	1200	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-B29	1916	1	654	1200	0		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	SC1	ECH-B22	2578	1	222	1200	0		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	SC1	ECH-B24	2346	1	222	1200	0		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-A45	1238	1	876	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-B25	2268	1	222	1200	0		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-B26	2191	1	438	1200	0		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-B32	1770	1	762	1200	0		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-A42	1338	1	762	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-A44	1270	1	654	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-A44	1288	1	762	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-A46	1219	1	1530	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-A46	1224	1	2400	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	G270M	2542	1	113	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	G270M	2599	1	113	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	G140L	1228	1	113	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	G270M	2899	1	113	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	SC1	ECH-B21	2719	1	222	1200	0		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	SC1	ECH-B24	2315	1	330	1200	0		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-B25	2243	1	330	1200	0		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-A41	1355	1	438	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	ECH-A43	1309	1	1200	1200	1		1
HD23180	3 44 19.1	32 17 18	HRS	ACCUM	0.25	G140L	1358	1	113	1200	1		1
HD23246	3 44 25.7	24 23 42	HRS	ACCUM	2.0	G140L	1430	2	150	1210	0		1
HZ627	3 45 24.1	24 53 10	HRS	ACCUM	2.0	G140L	1430	3	300	1210	0		1
HZ727	3 45 40.2	24 37 39	HRS	ACCUM	2.0	G140L	1430	3	300	1210	2		1
HD23479	3 46 16.0	24 11 24	HRS	ACCUM	2.0	G140L	1430	2	130	1210	2		1
HD23480	3 46 19.6	23 56 54	HRS	ACCUM	0.25	ECH-A	1248	1	30	1147	3		2
HD23480	3 46 19.6	23 56 54	HRS	ACCUM	0.25	ECH-A	1304	1	30	1147	3		2
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1260	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1275	1	600	1168	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1355	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-B	2325	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1476	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1477	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1478	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1276	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1277	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1302	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1329	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1327	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1328	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1354	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1356	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1391	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1392	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-A	1393	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-B	2324	1	600	1168	3		1
HD23480	3 46 19.6	23 56 56	HRS	ACCUM	0.25	ECH-B	2326	1	600	1168	3		1
HD23567	3 47 3.5	24 49 13	HRS	ACCUM	2.0	G140L	1430	2	150	1210	2		1
HD23585	3 47 4.1	23 59 43	HRS	ACCUM	2.0	G140L	1430	2	150	1210	2		1
HD23610	3 47 22.9	22 55 20	HRS	ACCUM	2.0	G140L	1430	2	150	1210	2		1
HD23628	3 47 24.1	24 35 18	HRS	ACCUM	2.0	G140L	1430	2	150	1210	2		1
HZ1392	3 47 24.3	23 54 53	HRS	ACCUM	2.0	G140L	1430	4	250	1210	2		1
HD23630	3 47 29.1	24 6 19	HRS	ACCUM	0.25	ECH-A	1248	1	30	1147	3		1
HD23630	3 47 29.1	24 6 19	HRS	ACCUM	0.25	ECH-A	1304	1	30	1147	3		1
HZ1797	3 48 16.9	23 38 13	HRS	ACCUM	2.0	G140L	1430	5	300	1210	2		1
0347-383	3 49 43.7	-38 10 31	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
BD+16D516	3 50 24.8	17 14 48	HRS	RAPID	2.0	G140L	1430	1	1680	1207	2		4
3C95	3 51 28.6	-14 29 9	PC	IMAGE	ALL	F128LP		1	1416	1032	2	ACQ	1
3C95	3 51 28.6	-14 29 9	PC	IMAGE	ALL	F850LP		1	1416	1032	2	ACQ	1
3C95	3 51 28.6	-14 29 9	FOS/RD	ACCUM	0.5	G650L		1	560	1032	2	CON SEL	1
3C95	3 51 28.6	-14 29 9	FOS/RD	ACCUM	0.5	PRISM		1	560	1032	2	CON SEL	1
3C95	3 51 28.6	-14 29 9	FOS/RD	ACQ/BINA	4.3	MIRROR		1	4	1032	2	ACQ CON	1
3C95	3 51 28.6	-14 29 9	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	5106	1032	2	CON SEL	1
3C95	3 51 28.6	-14 29 9	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	5106	1032	2	CON SEL	1
3C95	3 51 28.6	-14 29 9	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	20	1032	2	ACQ CON	1
SKY3	3 51 28.6	-14 29 9*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	1416	1032	2	PAR	2
PKS0349-278	3 51 35.8	-27 44 34	FOC/96	IMAGE	512X512	F550M		1	600	1228	2		1
PKS0349-278	3 51 35.8	-27 44 34	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
PKS0349-278	3 51 35.8	-27 44 34	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
PKS0349-278	3 51 35.8	-27 44 34	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
PKS0349-278	3 51 35.8	-27 44 34	FOC/288	IMAGE	512X512	F370LP		1	300	1228	2		1
PKS0349-278	3 51 35.8	-27 44 34	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
PKS0349-27	3 51 35.9	-27 44 35	FOC/96	IMAGE	512X512	F130M		1	1800	1233	2		1
PKS0349-27	3 51 35.9	-27 44 35	FOC/96	IMAGE	512X512	F190M		1	1200	1233	2		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1260	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1275	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1355	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-B	2325	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1476	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1477	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1478	1	300	1168	3		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1276	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1277	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1302	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1329	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1327	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1328	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1354	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1356	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1391	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1392	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1393	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-B	2324	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-B	2326	1	300	1168	3		1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1446	5	480	1065	2	CON SEL	1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1301	5	480	1065	2	CON SEL	1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1328	5	480	1065	2	CON SEL	1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1418	5	480	1065	2	CON SEL	1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1366	5	480	1065	2	CON SEL	1
HD24398	3 54 7.9	31 53 1	HRS	ACCUM	0.25	ECH-A	1279	5	480	1065	2	CON SEL	1
X-PER	3 55 23.0	31 2 45	HSP/UV2	SINGLE	1.0	F145M		1	20	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/UV2	SINGLE	1.0	F184W		1	20	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/UV2	SINGLE	1.0	F248M		1	20	1097	0		20
X-PER	3 55 23.0	31 2 45	HSP/UV2	SINGLE	1.0	F284M		1	20	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/UV2	SINGLE	1.0	F248M		1	20	1097	1		5
X-PER	3 55 23.0	31 2 45	HSP/POL	PEAKUP	6.0	F160LP		1	60	1097	0	ACQ	1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL0	F216M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL0	F237M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL0	F277M		1	30	1097	0		20
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL0	F327M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL0	F277M		1	30	1097	1		5
X-PER	3 55 23.0	31 2 45	HSP/UV1	PEAKUP	10.0	F140LP		1	60	1097	0	ACQ	1
X-PER	3 55 23.0	31 2 45	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1097	0	ACQ	19
X-PER	3 55 23.0	31 2 45	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1097	1	ACQ	5
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL45	F216M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL45	F237M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL45	F277M		1	30	1097	0		20
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL45	F327M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL90	F216M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL90	F237M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL90	F277M		1	30	1097	0		20
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL90	F327M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL45	F277M		1	30	1097	1		5
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL90	F277M		1	30	1097	1		5
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL135	F216M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL135	F237M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL135	F277M		1	30	1097	0		20

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL135	F327M		1	30	1097	0		1
X-PER	3 55 23.0	31 2 45	HSP/POL	SINGLE	POL135	F277M		1	30	1097	1		5
X-PER	3 55 23.0	31 2 45	HSP/UV1	STAR-SKY	1.0-B	F220W		1	60	1097	0		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-A	1240	1	62	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-A	1334	1	62	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-A	1356	1	108	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-A	1392	1	125	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-A	1558	1	108	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-A	1252	1	51	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-A	1530	1	113	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-B	2370	1	28	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-A	1303	1	45	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-A	1191	1	34	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-B	2024	1	34	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-A	1547	1	131	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-B	1805	1	51	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-B	1826	1	56	1071	1		1
HD24760	3 57 51.2	40 0 38	HRS	WSCAN	0.25	ECH-B	2602	1	45	1071	1		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1260	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1275	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1355	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-B	2325	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1476	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1477	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1478	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1276	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1277	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1302	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1329	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1327	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1328	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1354	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1356	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1391	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1392	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-A	1393	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-B	2324	1	60	1168	3		1
HD24760	3 57 51.2	40 0 37	HRS	ACCUM	0.25	ECH-B	2326	1	60	1168	3		1
3C98	3 58 54.5	10 26 3	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
3C98	3 58 54.5	10 26 3	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C98	3 58 54.5	10 26 3	FOC/96	IMAGE	512X512	F502M		1	600	1228	2		1
3C98	3 58 54.5	10 26 3	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C98	3 58 54.5	10 26 3	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	0.25	ECH-A	1260	1	600	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	0.25	ECH-A	1275	1	600	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	0.25	ECH-A	1355	1	600	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	0.25	ECH-B	2325	1	600	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	0.25	ECH-A	1476	1	600	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	0.25	ECH-A	1477	1	600	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	0.25	ECH-A	1478	1	600	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	0.25	ECH-A	1276	1	600	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	0.25	ECH-A	1277	1	600	1168	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	Ø.25	ECH-A	13Ø2	1	6ØØ	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	Ø.25	ECH-A	1329	1	6ØØ	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	Ø.25	ECH-A	1327	1	6ØØ	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	Ø.25	ECH-A	1328	1	6ØØ	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	Ø.25	ECH-A	1354	1	6ØØ	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	Ø.25	ECH-A	1356	1	6ØØ	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	Ø.25	ECH-A	1391	1	6ØØ	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	Ø.25	ECH-A	1392	1	6ØØ	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	Ø.25	ECH-A	1393	1	6ØØ	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	Ø.25	ECH-B	2324	1	6ØØ	1168	3		1
HD24912	3 58 57.8	35 47 28	HRS	ACCUM	Ø.25	ECH-B	2326	1	6ØØ	1168	3		1
HD24912	3 58 57.9	35 47 27	HRS	ACCUM	Ø.25	ECH-B	2324	2	24Ø	1065	2		1
HD24912	3 58 57.9	35 47 27	HRS	ACCUM	Ø.25	ECH-A	1446	5	18Ø	1065	1		1
HD24912	3 58 57.9	35 47 27	HRS	ACCUM	Ø.25	ECH-A	1261	5	3ØØ	1065	1		1
HD24912	3 58 57.9	35 47 27	HRS	ACCUM	Ø.25	ECH-A	1418	5	18Ø	1065	1		1
HD24912	3 58 57.9	35 47 27	HRS	ACCUM	Ø.25	ECH-A	1344	5	18Ø	1065	1		1
HD24912	3 58 57.9	35 47 27	HRS	ACCUM	Ø.25	ECH-A	1366	5	18Ø	1065	1		1
HD24912	3 58 57.9	35 47 27	HRS	ACCUM	Ø.25	ECH-A	1244	5	18Ø	1065	1		1
HD24912	3 58 57.9	35 47 27	HRS	ACCUM	Ø.25	ECH-A	1279	5	18Ø	1065	1		1
HD24912	3 58 57.9	35 47 27	HRS	ACCUM	Ø.25	ECH-B	2312	4	36Ø	1066	1		1
HD24912	3 58 57.9	35 47 27	HRS	ACCUM	Ø.25	ECH-A	1248	1	3Ø	1147	3		2
HD24912	3 58 57.9	35 47 27	HRS	ACCUM	Ø.25	ECH-A	13Ø4	1	3Ø	1147	3		2
PKSØ4Ø5-12	4 7 48.4	-12 11 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1Ø25	2		1
PKSØ4Ø5-12	4 7 48.4	-12 11 36	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1Ø25	2	ACQ	2
PKSØ4Ø5-12	4 7 48.4	-12 11 36	FOS/BL	ACCUM	1.Ø	G13ØH	1379	1	9ØØ	1Ø25	1		1
PKSØ4Ø5-12	4 7 48.4	-12 11 36	FOS/RD	ACCUM	1.Ø	G27ØH	2753	1	6ØØ	1Ø25	1		1
PKSØ4Ø5-12	4 7 48.4	-12 11 36	FOS/RD	ACCUM	1.Ø	G19ØH	198Ø	2	45Ø	1Ø25	1		1
Ø4Ø5-123INCA221-27	4 7 48.4	-12 11 37	FGS	POS	2	F55ØW		1	51	1532	2		6
Ø4Ø5-123INCA221-27	4 7 48.4	-12 11 37	FGS	POS	2	F55ØW		1	51	1532	3		3
PKSØ4Ø5-12	4 7 48.4	-12 11 37	HRS	ACCUM	2.Ø	G16ØM	14ØØ	1	69ØØ	1143	2		1
PKSØ4Ø5-12	4 7 48.4	-12 11 37	HRS	ACCUM	2.Ø	G2ØØM	18ØØ	1	468Ø	1143	2		1
PKSØ4Ø5-12	4 7 48.4	-12 11 37	FOS/BL	ACCUM	1.Ø-PAIR-A	G13ØH	1379	1	192Ø	1142	1		1
PKSØ4Ø5-12	4 7 48.4	-12 11 37	FOS/BL	ACCUM	1.Ø-PAIR-B	G13ØH	1379	1	192Ø	1142	1		1
PKSØ4Ø5-12	4 7 48.4	-12 11 37	FOS/RD	ACCUM	1.Ø-PAIR-A	G19ØH	198Ø	1	12ØØ	1142	1		1
PKSØ4Ø5-12	4 7 48.4	-12 11 37	FOS/RD	ACCUM	1.Ø-PAIR-B	G19ØH	198Ø	1	12ØØ	1142	1		1
INCA221-27	4 7 53.Ø	-12 9 38	FGS	POS	2	F55ØW		1	51	1532	2		4
INCA221-27	4 7 53.Ø	-12 9 38	FGS	POS	2	F55ØW		1	51	1532	3		2
POINTØ4Ø5-123INCA221 -27	4 8 18.4	-12 2Ø 47	S/C	POINTING	V1			1	Ø	1532	2		2
POINTØ4Ø5-123INCA221 -27	4 8 18.4	-12 2Ø 47	S/C	POINTING	V1			1	Ø	1532	3		1
LB227-CALIB	4 9 28.8	17 7 54	FOC/288	IMAGE	512X512	F152M		1	3ØØ	1232	1		1
LB227-CALIB	4 9 28.8	17 7 54	FOC/288	IMAGE	512X512	F231M		1	27Ø	1252	1	CAL	2
LB227-CALIB	4 9 28.8	17 7 54	FOC/288	IMAGE	512X512	F152M F165W		1	27Ø	1252	1	CAL	2
LB227-CALIB	4 9 28.8	17 7 54	FOC/288	IMAGE	512X512	F17ØM F175W F2ND		1	27Ø	1252	3	CAL	2
LB227-CALIB	4 9 28.8	17 7 54	FOC/288	IMAGE	512X512	F22ØW F231M F4ND		1	27Ø	1252	3	CAL	2
VA6	4 9 53.3	13 29 24	FGS	TRANS	ANY	F583W		1	8ØØ	1ØØ4	1		1
VA6	4 9 53.3	13 29 24	FGS	TRANS	PRIME	F55ØW		1	8ØØ	1ØØ4	1		4
NGC1535	4 11 57.Ø	-12 51 41	HRS	ACCUM	2.Ø	G14ØL	125Ø	1	5Ø	1212	2		1
NGC1535	4 11 57.Ø	-12 51 41	HRS	ACCUM	2.Ø	G14ØL	142Ø	1	1Ø1	1212	2		1
NGC1535	4 11 57.Ø	-12 51 41	HRS	ACCUM	2.Ø	G14ØL	167Ø	1	3Ø4	1212	2		1
VA43	4 12 7.5	17 37 34	FGS	TRANS	ANY	F583W		1	8ØØ	1ØØ4	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
VA43	4 12 7.5	17 37 34	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA52	4 13 9.4	14 44 30	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA52	4 13 9.4	14 44 30	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
3C109	4 13 40.4	11 12 15	FOS/RD	ACCUM	0.5	PRISM	5400	1	1440	1029	2		3
3C109	4 13 40.4	11 12 15	FOS/RD	ACQ/BINA	4.3	MIRROR		1	44	1029	2	ACQ	1
CW-TAU	4 14 17.0	28 10 59	PC	IMAGE	ALL	F850LP		1	0	1121	3	ACQ	1
CW-TAU	4 14 17.0	28 10 59	PC	IMAGE	ALL-ND	F606W		1	160	1121	3		1
CW-TAU	4 14 17.0	28 10 59	PC	IMAGE	ALL-ND	F702W		1	140	1121	3		2
CW-TAU	4 14 17.0	28 10 59	PC	IMAGE	ALL-ND	F850LP		1	100	1121	3		1
VA68	4 14 51.8	13 3 18	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA68	4 14 51.8	13 3 18	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA72	4 15 10.2	14 23 56	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA72	4 15 10.2	14 23 56	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
HD26965B	4 15 13.5	-7 40 15	HRS	ACCUM	0.25	G160M	1335	1	450	1214	3		1
HD26965B	4 15 13.5	-7 40 15	HRS	ACCUM	0.25	G160M	1529	1	450	1214	3		1
HD26965B	4 15 13.5	-7 40 15	HRS	ACCUM	0.25	G160M	1608	1	450	1214	3		1
HD27290	4 16 1.2	-51 29 12	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD27290	4 16 1.2	-51 29 12	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD27290	4 16 1.2	-51 29 12	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD27290	4 16 1.2	-51 29 12	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
PKS0414-06	4 17 16.7	-5 53 46	FOS/RD	ACCUM	0.5	PRISM	3500	1	200	1026	1		1
PKS0414-06	4 17 16.7	-5 53 46	FOS/RD	ACCUM	0.5	G270H	2700	1	1000	1026	1		1
PKS0414-06	4 17 16.7	-5 53 46	FOS/BL	ACCUM	0.5	G130H	1300	1	2600	1026	1		1
PKS0414-06	4 17 16.7	-5 53 46	FOS/RD	ACCUM	0.5	G190H	1900	1	2600	1026	1		1
PKS0414-06	4 17 16.7	-5 53 46	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1026	1	ACQ	1
VA119	4 17 54.8	16 32 41	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA119	4 17 54.8	16 32 41	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
3C111	4 18 21.3	38 1 35	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
3C111	4 18 21.3	38 1 35	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C111	4 18 21.3	38 1 35	FOC/96	IMAGE	512X512	F502M		1	600	1228	2		1
3C111	4 18 21.3	38 1 35	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C111	4 18 21.3	38 1 35	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
VA135	4 18 21.8	17 25 19	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA135	4 18 21.8	17 25 19	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA146	4 18 47.0	13 21 59	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA146	4 18 47.0	13 21 59	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA162	4 19 20.1	14 19 0	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA162	4 19 20.1	14 19 0	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	ECH-A	1330	1	650	1182	2		1
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	ECH-A	1335	1	650	1182	2		1
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	G160M	1268	1	195	1182	1		1
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	G270M	3131	1	165	1182	1		1
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	ECH-A	1362	1	595	1182	2		1
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	ECH-A	1378	1	620	1182	2		1
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	ECH-A	1677	1	1170	1182	2		1
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	ECH-B	1942	1	275	1182	2		1
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	ECH-B	1739	1	405	1182	2		1
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	ECH-B	1849	1	334	1182	2		1
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	ECH-B	2354	1	205	1182	2		1
HD27295	4 19 26.1	21 8 31	HRS	WSCAN	0.25	G200M	1858	1	660	1182	1		1
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	ECH-A	1649	1	1095	1182	2		1
HD27295	4 19 26.1	21 8 31	HRS	WSCAN	0.25	G270M	2532	1	1425	1182	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD27295	4 19 26.1	21 8 31	HRS	ACCUM	0.25	ECH-B	2536	1	189	1182	2		1
HD27295	4 19 26.1	21 8 31	HRS	WSCAN	0.25	G160M	1500	1	1909	1182	1		1
NGC1566	4 19 27.0	-54 59 49	PC	IMAGE	ALL	F194W		1	900	1036	0	ACQ	1
NGC1566	4 19 27.0	-54 59 49	PC	IMAGE	ALL	F375N		1	900	1036	0	ACQ	1
NGC1566	4 19 27.0	-54 59 49	PC	IMAGE	ALL	F502N		1	900	1036	0	ACQ	1
NGC1566	4 19 27.0	-54 59 49	PC	IMAGE	ALL	F664N		3	300	1036	0	ACQ	1
NGC1566	4 19 27.0	-54 59 49	PC	IMAGE	ALL	F230W		1	720	1036	0	ACQ	1
NGC1566	4 19 27.0	-54 59 49	PC	IMAGE	ALL	F547M		1	180	1036	0	ACQ	1
NGC1566	4 19 27.0	-54 59 49	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	SEL	1
NGC1566	4 19 27.0	-54 59 49	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	SEL	1
NGC1566	4 19 27.0	-54 59 49	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC1566	4 19 27.0	-54 59 49	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC1566	4 19 27.0	-54 59 49	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC1566	4 19 27.0	-54 59 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	2
NGC1566	4 19 27.0	-54 59 49	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
NGC1566-CLOUD1	4 19 27.0	-54 59 49*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	SEL	1
NGC1566-CLOUD1	4 19 27.0	-54 59 49*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	SEL	1
NGC1566-CLOUD1	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC1566-CLOUD1	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC1566-CLOUD1	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC1566-CLOUD2	4 19 27.0	-54 59 49*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	SEL	1
NGC1566-CLOUD2	4 19 27.0	-54 59 49*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	SEL	1
NGC1566-CLOUD2	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC1566-CLOUD2	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC1566-CLOUD2	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC1566-CLOUD3	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC1566-CLOUD3	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC1566-CLOUD3	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC1566-CLOUD3	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC1566-CLOUD3	4 19 27.0	-54 59 49*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	CON SEL	1
NGC1566-CLOUD3	4 19 27.0	-54 59 49*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	CON SEL	1
NGC1566-CLOUD4	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC1566-CLOUD5	4 19 27.0	-54 59 49*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC1566	4 20 0.2	-54 56 18	HRS	ACCUM	2.0	G270M	2811	1	1860	1160	2		1
NGC1566	4 20 0.2	-54 56 18	HRS	ACCUM	2.0	G270M	2811	1	1860	1160	3		1
NGC1566	4 20 0.2	-54 56 18	HRS	ACCUM	2.0	G140L	1556	2	1760	1160	2		1
NGC1566	4 20 0.2	-54 56 18	HRS	ACCUM	2.0	G140L	1556	2	1760	1160	3		1
NGC1566	4 20 0.4	-54 56 18	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	2		1
NGC1566	4 20 0.4	-54 56 18	FOC/96	IMAGE	512X512	F501N	5010	1	400	1227	2		1
NGC1566	4 20 0.4	-54 56 18	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	2		1
NGC1566	4 20 0.4	-54 56 18	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	400	1227	2		1
NGC1566	4 20 0.4	-54 56 18	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	400	1227	2		1
HDE276247	4 20 16.8	42 18 52	HRS	ACCUM	0.25	G140L	1280	1	40	1174	1		1
HDE276247	4 20 16.8	42 18 52	HRS	ACCUM	0.25	G140L	1280	1	160	1174	1		1
HDE276247	4 20 16.8	42 18 52	HRS	ACCUM	0.25	G140L	1555	1	40	1174	1		1
HDE276247	4 20 16.8	42 18 52	HRS	ACCUM	0.25	G140L	1555	1	160	1174	1		1
VA191	4 20 19.8	17 30 58	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA191	4 20 19.8	17 30 58	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
HD27561	4 21 34.8	14 24 36	HRS	ACCUM	2.0	G140L	1430	1	120	1210	0		1
RY-TAURI	4 21 57.4	28 26 36	HRS	ACCUM	2.0	G270M	2800	1	100	1209	1		1
RY-TAURI	4 21 57.4	28 26 36	HRS	ACCUM	2.0	G140L	1300	2	270	1209	1		1
RY-TAURI	4 21 57.4	28 26 36	HRS	ACCUM	2.0	G140L	1550	2	270	1209	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
RY-TAURI	4 21 57.4	28 26 36	HRS	ACCUM	2.0	G200M	1900	5	330	1209	1		1
RY-TAURI	4 21 57.4	28 26 36	HRS	ACCUM	2.0	G270M	2325	2	270	1209	1		1
HDE283572	4 21 58.8	28 18 5	HRS	ACCUM	2.0	G270M	2800	1	160	1209	2		1
HDE283572	4 21 58.8	28 18 5	HRS	ACCUM	2.0	G140L	1550	2	130	1209	2		1
HDE283572	4 21 58.8	28 18 5	HRS	ACCUM	2.0	G140L	1300	3	160	1209	2		1
HDE283572	4 21 58.8	28 18 5	HRS	ACCUM	2.0	G270M	2325	2	250	1209	2		1
HDE283572	4 21 58.8	28 18 5	HRS	ACCUM	2.0	G200M	1900	5	189	1209	2		1
T-TAU	4 21 59.2	19 32 5	FOC/96	IMAGE	512X512	F140M		1	600	1263	2		1
T-TAU	4 21 59.2	19 32 5	FOC/96	IMAGE	512X512	F152M		1	600	1263	2		1
T-TAU	4 21 59.2	19 32 5	FOC/96	IMAGE	512X512	F253M		1	600	1263	2		1
T-TAU	4 21 59.2	19 32 5	FOC/96	IMAGE	512X512	F278M		1	600	1263	2		1
T-TAU	4 21 59.2	19 32 5	FOC/96	IMAGE	512X512	F346M		1	300	1263	2		1
T-TAU	4 21 59.2	19 32 5	FOC/96	IMAGE	512X512	F346M F4ND		1	300	1263	2		1
T-TAU	4 21 59.4	19 32 7	PC	IMAGE	ALL	F702W		1	1	1121	0	ACQ	1
T-TAU	4 21 59.4	19 32 7	PC	IMAGE	ALL	F656N		1	300	1121	2		1
T-TAU	4 21 59.4	19 32 7	PC	IMAGE	ALL	F850LP		1	3	1121	2		1
T-TAU	4 21 59.4	19 32 7	PC	IMAGE	ALL-ND	F702W		1	50	1121	1		1
T-TAU	4 21 59.4	19 32 7	PC	IMAGE	ALL-ND	F673N		1	1000	1121	2		1
T-TAU	4 21 59.4	19 32 7	PC	IMAGE	ALL-ND	F702W		1	50	1121	2		1
HD284419	4 21 59.4	19 32 6	HRS	ACCUM	2.0	G270M	2800	1	90	1209	2		1
HD284419	4 21 59.4	19 32 6	HRS	ACCUM	2.0	G140L	1800	3	100	1209	2		1
HD284419	4 21 59.4	19 32 6	HRS	ACCUM	2.0	G140L	1300	3	120	1209	2		1
HD284419	4 21 59.4	19 32 6	HRS	ACCUM	2.0	G140L	1550	3	120	1209	2		1
HD284419	4 21 59.4	19 32 6	HRS	ACCUM	2.0	G160M	1400	5	310	1209	2		1
HD284419	4 21 59.4	19 32 6	HRS	ACCUM	2.0	G160M	1550	5	310	1209	2		1
HD284419	4 21 59.4	19 32 6	HRS	ACCUM	2.0	G200M	1900	5	360	1209	2		1
HD284419	4 21 59.4	19 32 6	HRS	ACCUM	2.0	G270M	2325	2	120	1209	2		1
HD284419	4 21 59.4	19 32 6	HRS	ACCUM	2.0	G160M	1215	5	310	1209	2		1
0420-389	4 22 14.8	-38 44 53	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
0420+040P06	4 23 40.8	4 8 2	FOC/96	IMAGE	512X512	F130M		1	300	1244	2		1
0420+040P06	4 23 40.8	4 8 2	FOC/96	IMAGE	512X512	F342W		1	300	1244	2		1
0420+040P06	4 23 40.8	4 8 2	FOC/96	IMAGE	512X512	F430W		1	300	1244	2		1
0420+040P06	4 23 40.8	4 8 2	FOC/96	IMAGE	512X512	F502M		1	600	1244	2		1
VA282	4 23 42.8	15 52 52	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA282	4 23 42.8	15 52 52	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA294	4 23 54.3	14 3 8	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA294	4 23 54.3	14 3 8	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA292	4 23 55.5	16 21 15	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA292	4 23 55.5	16 21 15	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA297	4 23 59.0	16 43 18	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA297	4 23 59.0	16 43 18	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA310	4 24 17.0	18 0 11	FGS	POS	2	F550W		1	53	1009	1	CON	18
VA310	4 24 17.0	18 0 11	FGS	POS	2	F550W		1	53	1009	2	CON	16
VA310	4 24 17.0	18 0 11	FGS	POS	2	F550W		1	53	1009	3	CON	8
VA310	4 24 17.0	18 0 11	FGS	TRANS	ANY	F583W		1	800	1009	0		1
VA310	4 24 17.0	18 0 11	WFC	IMAGE	ALL	F725LP		1	600	1009	1	PAR	4
PCEN310	4 24 18.4	17 57 52	FGS	POS	2	F550W		0	53	1009	1	CON	1
PKS0422+004	4 24 46.8	0 36 7	HSP/UV2	STAR-SKY	0.4	F140LP		1	60	1099	2		10
VA334	4 24 47.9	15 52 31	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA334	4 24 47.9	15 52 31	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA351	4 25 13.4	17 16 8	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA351	4 25 13.4	17 16 8	FGS	TRANS	PRIME	F550W		1	800	1004	1		4

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
VA354	4 25 25.3	17 54 58	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA354	4 25 25.3	17 54 58	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
HD27990	4 25 47.4	18 1 2	HRS	ACCUM	2.0	G140L	1430	3	200	1210	2		1
VA366	4 25 49.2	15 31 16	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA366	4 25 49.2	15 31 16	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA376	4 25 53.9	11 55 54	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA376	4 25 53.9	11 55 54	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
PCEN383	4 26 3.8	15 4 34	FGS	POS	2	F550W		0	53	1009	1	CON	1
VA383	4 26 4.8	15 2 28	FGS	POS	2	F550W		1	53	1009	1	CON	18
VA383	4 26 4.8	15 2 28	FGS	POS	2	F550W		1	53	1009	2	CON	16
VA383	4 26 4.8	15 2 28	FGS	POS	2	F550W		1	53	1009	3	CON	8
VA383	4 26 4.8	15 2 28	FGS	TRANS	ANY	F583W		1	800	1009	0		1
VA383	4 26 4.8	15 2 28	WFC	IMAGE	ALL	F725LP		1	600	1009	1	PAR	4
HD28034	4 26 5.9	15 31 27	HRS	ACCUM	2.0	G140L	1430	1	150	1210	2		1
HD28052	4 26 20.8	15 37 7	HRS	ACCUM	2.0	G140L	1550	1	150	1210	0		1
HD28052	4 26 20.8	15 37 7	HRS	ACCUM	2.0	G140L	1300	2	150	1210	0		1
VA404	4 26 42.7	12 41 12	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA404	4 26 42.7	12 41 12	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA407	4 26 54.2	13 8 19	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA407	4 26 54.2	13 8 19	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
DG-TAU	4 27 4.3	26 6 16	FOC/96	IMAGE	512X512	F140M		1	600	1263	2		1
DG-TAU	4 27 4.3	26 6 16	FOC/96	IMAGE	512X512	F152M		1	600	1263	2		1
DG-TAU	4 27 4.3	26 6 16	FOC/96	IMAGE	512X512	F253M		1	600	1263	2		1
DG-TAU	4 27 4.3	26 6 16	FOC/96	IMAGE	512X512	F278M		1	600	1263	2		1
DG-TAU	4 27 4.3	26 6 16	FOC/96	IMAGE	512X512	F346M		1	300	1263	2		1
DG-TAU	4 27 4.3	26 6 16	FOC/96	IMAGE	512X512	F346M F4ND		1	300	1263	2		1
DG-TAU	4 27 4.7	26 6 17	PC	IMAGE	ALL	F702W		1	4	1121	0	ACQ	1
DG-TAU	4 27 4.7	26 6 17	PC	IMAGE	ALL	F631N		1	300	1121	2		1
DG-TAU	4 27 4.7	26 6 17	PC	IMAGE	ALL	F656N		1	300	1121	2		1
DG-TAU	4 27 4.7	26 6 17	PC	IMAGE	ALL-ND	F702W		1	70	1121	1		1
DG-TAU	4 27 4.7	26 6 17	PC	IMAGE	ALL-ND	F702W		1	70	1121	2		1
DG-TAU	4 27 4.7	26 6 17	PC	IMAGE	ALL-ND	F850LP		1	100	1121	2		1
0424-131	4 27 7.3	-13 2 54	FOC/288	IMAGE	512X512	F1ND F342W		1	300	1236	0		1
DG-TAU-B	4 27 11.3	26 5 29	FOC/96	IMAGE	512X512	F346M		1	600	1263	2		1
DG-TAU-B	4 27 11.3	26 5 29	FOC/96	IMAGE	512X512	F253M		1	1200	1263	2		1
DG-TAU-B	4 27 11.3	26 5 29	FOC/96	IMAGE	512X512	F278M		1	1200	1263	2		1
VA420	4 27 16.5	17 14 32	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA420	4 27 16.5	17 14 32	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA444	4 27 32.3	15 21 56	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA444	4 27 32.3	15 21 56	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
PCEN472	4 28 3.6	13 52 58	FGS	POS	2	F550W		0	53	1394	1	CON	1
VA472	4 28 4.5	13 52 3	FGS	POS	2	F550W		1	53	1394	1	CON	18
VA472	4 28 4.5	13 52 3	FGS	POS	2	F550W		1	53	1394	2	CON	16
VA472	4 28 4.5	13 52 3	FGS	POS	2	F550W		1	53	1394	3	CON	8
VA472	4 28 4.5	13 52 3	FGS	TRANS	ANY	F583W		1	800	1394	0		1
VA472	4 28 4.5	13 52 3	WFC	IMAGE	ALL	F725LP		1	600	1394	1	PAR	4
HD28294	4 28 23.4	14 44 27	HRS	ACCUM	2.0	G140L	1300	1	70	1210	2		1
HD28294	4 28 23.4	14 44 27	HRS	ACCUM	2.0	G140L	1550	1	60	1210	2		1
VA490	4 28 39.3	16 58 11	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA490	4 28 39.3	16 58 11	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA500	4 28 50.7	16 17 21	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA500	4 28 50.7	16 17 21	FGS	TRANS	PRIME	F550W		1	800	1004	1		4

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
VA502	4 28 52.3	15 58 54	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA502	4 28 52.3	15 58 54	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-A	1530	1	96	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-B	2370	1	24	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-A	1303	1	38	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-A	1356	1	91	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-A	1558	1	91	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-A	1392	1	105	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-A	1240	1	52	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-A	1252	1	43	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-A	1334	1	52	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-A	1191	1	28	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-B	1826	1	48	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-B	2024	1	28	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-B	2602	1	38	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-A	1547	1	110	1071	2		1
HD28497	4 29 7.0	-13 2 54	HRS	WSCAN	0.25	ECH-B	1805	1	43	1071	2		1
VA529	4 29 12.2	15 16 26	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA529	4 29 12.2	15 16 26	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA537	4 29 16.2	12 21 38	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA537	4 29 16.2	12 21 38	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
PCEN548	4 29 28.8	16 13 45	FGS	POS	2	F550W		0	53	1394	1	CON	1
VA548	4 29 31.0	16 14 41	FGS	POS	2	F550W		1	53	1394	1	CON	18
VA548	4 29 31.0	16 14 41	FGS	POS	2	F550W		1	53	1394	2	CON	16
VA548	4 29 31.0	16 14 41	FGS	POS	2	F550W		1	53	1394	3	CON	8
VA548	4 29 31.0	16 14 41	FGS	TRANS	ANY	F583W		1	800	1394	0		1
VA548	4 29 31.0	16 14 41	WFC	IMAGE	ALL	F725LP		1	600	1394	1	PAR	4
VA559	4 29 55.6	16 54 51	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA559	4 29 55.6	16 54 51	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
LK-HA-101	4 30 14.5	35 16 25	PC	IMAGE	ALL	F656N		2	300	1121	3		1
LK-HA-101	4 30 14.5	35 16 25	PC	IMAGE	ALL-ND	F702W		1	350	1121	3		1
LK-HA-101	4 30 14.5	35 16 25	PC	IMAGE	ALL-ND	F702W		1	360	1121	3		1
LK-HA-101	4 30 14.5	35 16 25	PC	IMAGE	ALL-ND	F850LP		1	160	1121	3		1
LK-HA-101	4 30 14.5	35 16 25	PC	IMAGE	ALL	F702W		1	1	1121	3	ACQ	1
VA607	4 30 57.2	12 18 14	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA607	4 30 57.2	12 18 14	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA610	4 31 10.9	16 23 45	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA610	4 31 10.9	16 23 45	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA622	4 31 29.2	17 43 6	FGS	POS	2	F550W		1	53	1394	1	CON	18
VA622	4 31 29.2	17 43 6	FGS	POS	2	F550W		1	53	1394	2	CON	16
VA622	4 31 29.2	17 43 6	FGS	POS	2	F550W		1	53	1394	3	CON	8
VA622	4 31 29.2	17 43 6	FGS	TRANS	ANY	F583W		1	800	1394	0		1
VA622	4 31 29.2	17 43 6	WFC	IMAGE	ALL	F725LP		1	600	1394	1	PAR	4
PCEN622	4 31 31.3	17 43 14	FGS	POS	2	F550W		0	53	1394	1	CON	1
IRS5	4 31 33.6	18 8 8	FOC/96	IMAGE	512X512	F346M		1	600	1263	2		1
IRS5	4 31 33.6	18 8 8	FOC/96	IMAGE	512X512	F253M		1	1200	1263	2		1
IRS5	4 31 33.6	18 8 8	FOC/96	IMAGE	512X512	F278M		1	1200	1263	2		1
L1551	4 31 34.1	18 8 8	PC	IMAGE	ALL	F656N		2	800	1138	1		1
L1551	4 31 34.1	18 8 8	PC	IMAGE	ALL	F673N		2	800	1138	1		1
L1551	4 31 34.1	18 8 8	PC	IMAGE	ALL	F702W		2	500	1138	1		1
VA627	4 31 36.5	17 42 33	FGS	POS	2	F550W		1	53	1394	1	CON	18
VA627	4 31 36.5	17 42 33	FGS	POS	2	F550W		1	53	1394	2	CON	16

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
VA627	4 31 36.5	17 42 33	FGS	POS	2	F550W		1	53	1394	3	CON	8
VA627	4 31 36.5	17 42 33	FGS	TRANS	ANY	F583W		1	800	1394	0		1
HL-TAU	4 31 38.1	18 14 0	FOC/96	IMAGE	512X512	F253M		1	600	1263	2		1
HL-TAU	4 31 38.1	18 14 0	FOC/96	IMAGE	512X512	F278M		1	600	1263	2		1
HL-TAU	4 31 38.1	18 14 0	FOC/96	IMAGE	512X512	F346M		1	300	1263	2		1
HL-TAU	4 31 38.1	18 14 0	FOC/96	IMAGE	512X512	F2ND F346M		1	300	1263	2		1
HL-TAU	4 31 38.4	18 13 59	PC	IMAGE	ALL-ND	F702W		1	260	1121	2		1
HL-TAU	4 31 38.4	18 13 59	PC	IMAGE	ALL-ND	F702W		1	260	1121	3		1
HL-TAU	4 31 38.4	18 13 59	PC	IMAGE	ALL-ND	F850LP		1	350	1121	3		1
XZ-HL-TAU	4 31 39.2	18 13 58	PC	IMAGE	ALL	F702W		1	30	1121	0	ACQ	1
XZ-HL-TAU	4 31 39.2	18 13 58	PC	IMAGE	ALL	F673N		1	1000	1121	2		1
XZ-HL-TAU	4 31 39.2	18 13 58	PC	IMAGE	ALL	F631N		2	1000	1121	2		1
XZ-HL-TAU	4 31 39.2	18 13 58	PC	IMAGE	ALL	F656N		2	1000	1121	2		1
XZ-HL-TAU	4 31 39.2	18 13 58	PC	IMAGE	ALL	F656N		2	1000	1121	3		1
XZ-TAU	4 31 39.7	18 13 58	FOC/96	IMAGE	512X512	F253M		1	600	1263	2		1
XZ-TAU	4 31 39.7	18 13 58	FOC/96	IMAGE	512X512	F278M		1	600	1263	2		1
XZ-TAU	4 31 39.7	18 13 58	FOC/96	IMAGE	512X512	F346M		1	300	1263	2		1
XZ-TAU	4 31 39.7	18 13 58	FOC/96	IMAGE	512X512	F2ND F346M		1	300	1263	2		1
NGC1600-NUC	4 31 40.0	-5 5 12	PC	IMAGE	ALL	F785LP		1	1000	1118	2		2
VA637	4 31 43.6	15 2 29	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA637	4 31 43.6	15 2 29	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
HH30	4 31 46.9	26 4 5	FOC/96	IMAGE	512X512	F346M		1	600	1263	2		1
HH30	4 31 46.9	26 4 5	FOC/96	IMAGE	512X512	F253M		1	1200	1263	2		1
HH30	4 31 46.9	26 4 5	FOC/96	IMAGE	512X512	F278M		1	1200	1263	2		1
VA645	4 31 52.7	15 29 59	FGS	POS	2	F550W		1	53	1394	1	CON	18
VA645	4 31 52.7	15 29 59	FGS	POS	2	F550W		1	53	1394	2	CON	16
VA645	4 31 52.7	15 29 59	FGS	POS	2	F550W		1	53	1394	3	CON	8
VA645	4 31 52.7	15 29 59	FGS	TRANS	ANY	F583W		1	800	1394	0		1
VA645	4 31 52.7	15 29 59	WFC	IMAGE	ALL	F725LP		1	600	1394	1	PAR	4
VA646	4 31 54.8	15 34 12	FGS	POS	2	F550W		1	53	1394	1	CON	18
VA646	4 31 54.8	15 34 12	FGS	POS	2	F550W		1	53	1394	2	CON	16
VA646	4 31 54.8	15 34 12	FGS	POS	2	F550W		1	53	1394	3	CON	8
VA646	4 31 54.8	15 34 12	FGS	TRANS	ANY	F583W		1	800	1394	0		1
PCEN645	4 31 57.3	15 29 42	FGS	POS	2	F550W		0	53	1394	1	CON	1
VA673	4 32 23.6	17 45 2	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA673	4 32 23.6	17 45 2	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA677	4 32 25.5	13 6 48	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA677	4 32 25.5	13 6 48	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
3C119	4 32 36.5	41 38 29	FOC/96	IMAGE	512X512	F170M		1	900	1228	1		1
3C119	4 32 36.5	41 38 29	FOC/96	IMAGE	512X512	F370LP		1	600	1228	1		1
3C119	4 32 36.5	41 38 29	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C119	4 32 36.5	41 38 29	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
INCA221-29-AST1	4 32 39.8	5 13 4	FGS	POS	2	F550W		1	2	1139	2	CON PAR	2
INCA221-29-AST1	4 32 39.8	5 13 4	FGS	POS	2	F550W		1	8	1139	2	CON PAR	2
INCA221-29-AST2	4 33 10.4	5 15 49	FGS	POS	2	F550W		1	0	1139	2	CON PAR	2
0430+052INCA221-29	4 33 11.0	5 21 17	FGS	POS	2	F550W		1	51	1532	1		3
0430+052INCA221-29	4 33 11.0	5 21 17	FGS	POS	2	F550W		1	51	1532	2		3
0430+052INCA221-29	4 33 11.0	5 21 17	PC	IMAGE	P8	F606W		1	2	1139	2		2
0430+052INCA221-29	4 33 11.0	5 21 17	PC	IMAGE	P8	F606W		1	2	1139	2	CON	2
0430+052INCA221-29	4 33 11.0	5 21 17	PC	IMAGE	P8	F725LP		1	2	1139	2		2
0430+052INCA221-29	4 33 11.0	5 21 17	PC	IMAGE	P8	F725LP		1	8	1139	2	CON	2
3C120	4 33 11.1	5 21 15	PC	IMAGE	ALL	F555W		1	400	1116	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C120	4 33 11.1	5 21 15	PC	IMAGE	ALL	F675W		1	350	1116	2		1
3C120	4 33 11.1	5 21 15	PC	IMAGE	ALL	F725LP		1	800	1116	2		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F165W		1	600	1227	0		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F165W		1	600	1227	1		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F320W		1	2400	1227	0		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F320W		1	2400	1227	1		1
3C120	4 33 11.1	5 21 15	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C120	4 33 11.1	5 21 15	FOC/288	IMAGE	512X512	F165W		1	600	1227	1		1
3C120	4 33 11.1	5 21 15	FOC/288	IMAGE	512X512	F370LP		1	300	1228	2		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F502M	4950	1	600	1227	0		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F502M	4950	1	600	1227	1		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F130M	1270	1	2400	1227	0		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F130M	1270	1	2400	1227	1		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F501N	5010	1	600	1227	0		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	0		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F501N	5010	1	600	1227	1		1
3C120	4 33 11.1	5 21 15	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	1		1
3C120	4 33 11.1	5 21 15	FOC/288	IMAGE	256X256	F190M	1975	1	400	1227	2		3
3C120	4 33 11.1	5 21 15	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	1		1
3C120	4 33 11.1	5 21 15	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	600	1227	1		1
3C120	4 33 11.1	5 21 15	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C120	4 33 11.1	5 21 16	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2		1
3C120	4 33 11.1	5 21 16	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2		1
3C120	4 33 11.1	5 21 16	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2		1
3C120	4 33 11.1	5 21 16	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2		1
3C120	4 33 11.1	5 21 16	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2		1
3C120	4 33 11.1	5 21 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	3	1036	2	ACQ	1
VA709	4 33 27.0	13 2 44	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA709	4 33 27.0	13 2 44	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
A496	4 33 38.1	-13 15 8	FOC/96	IMAGE	512X512	F120M		1	900	1251	2		1
A496	4 33 38.1	-13 15 8	FOC/96	IMAGE	512X512	F372M		1	900	1251	2		1
POINT0430+052INCA221-29	4 33 41.0	5 10 30	S/C	POINTING	V1			1	0	1532	1		1
POINT0430+052INCA221-29	4 33 41.0	5 10 30	S/C	POINTING	V1			1	0	1532	2		1
VA722	4 33 44.9	12 42 42	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA722	4 33 44.9	12 42 42	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
INCA221-29	4 33 50.4	5 23 4	PC	IMAGE	P8	F658N		1	0	1139	2	CON	2
INCA221-29	4 33 50.4	5 23 4	FGS	POS	2	F5ND		1	51	1532	1		2
INCA221-29	4 33 50.4	5 23 4	FGS	POS	2	F5ND		1	51	1532	2		2
HD28978-CALIB	4 34 8.3	5 34 7	FOC/288	IMAGE	256X256	F190M F6ND	1975	1	300	1227	2	CAL	1
HD28978-CALIB	4 34 8.3	5 34 7	FOC/288	IMAGE	512X512	F190M F6ND	1975	1	300	1227	2	CAL	1
VA747	4 34 32.1	15 49 40	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA747	4 34 32.1	15 49 40	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
VA764	4 35 30.6	14 12 44	FGS	TRANS	ANY	F583W		1	800	1004	1		1
VA764	4 35 30.6	14 12 44	FGS	TRANS	PRIME	F550W		1	800	1004	1		4
HD29139-CALIB	4 35 55.2	16 30 33	FOC/288	IMAGE	512X512	F278M F320W F8ND		1	900	1250	2	CAL	1
HD29139-CALIB	4 35 55.2	16 30 33	FOC/288	IMAGE	512X512	F307M F320W F8ND		1	900	1250	2	CAL	1
HD29139	4 35 55.2	16 30 33	HRS	ACCUM	2.0	G200M	1655	1	300	1195	3		1
HD29139	4 35 55.2	16 30 33	HRS	ACCUM	2.0	G140L	1314	1	654	1195	3		1
HD29139	4 35 55.2	16 30 33	HRS	ACCUM	2.0	G200M	1994	1	546	1195	3		1
HD29139	4 35 55.2	16 30 33	HRS	ACCUM	0.25	ECH-B24	2327	1	900	1195	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD29139	4 35 55.2	16 30 33	HRS	ACCUM	0.25	ECH-B20	2759	1	522	1195	3		1
HD29139	4 35 55.2	16 30 33	HRS	ACCUM	0.25	ECH-B20	2772	1	522	1195	3		1
HD29139	4 35 55.2	16 30 33	HRS	ACCUM	0.25	ECH-B20	2799	1	84	1195	3		1
HD29712	4 36 45.9	-62 4 39	HRS	ACCUM	0.25	G270M	2760	1	840	1196	3		1
HD29712	4 36 45.9	-62 4 39	HRS	ACCUM	0.25	G270M	2835	1	1260	1196	3		1
HD29712	4 36 45.9	-62 4 39	HRS	ACCUM	0.25	G270M	2581	1	480	1196	3		1
HD29712	4 36 45.9	-62 4 39	HRS	ACCUM	0.25	G270M	2614	1	480	1196	3		1
HD29712	4 36 45.9	-62 4 39	HRS	ACCUM	0.25	G270M	2723	1	840	1196	3		1
HD29712	4 36 45.9	-62 4 39	HRS	ACCUM	0.25	ECH-B20	2799	1	840	1196	3		1
3C123	4 37 4.2	29 40 21	PC	IMAGE	ALL	F606W		1	1200	1058	2		1
FMA1083-6	4 37 9.5	24 18 47	WFC	IMAGE	ALL	F569W		1	0	1083	1	ACQ	2
FMA1083-6	4 37 9.5	24 18 47	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	1		2
LMC-WS2	4 47 40.5	-72 28 30	PC	IMAGE	ALL	F502N		1	150	1046	0	ACQ	1
LMC-WS2	4 47 40.5	-72 28 30	PC	IMAGE	ALL	F664N		1	150	1046	0	ACQ	1
LMC-WS2	4 47 40.5	-72 28 30	FOS/BL	ACCUM	0.3	G160L		1	360	1046	2		1
LMC-WS2	4 47 40.5	-72 28 30	FOS/BL	ACCUM	1.0	G130H		1	360	1046	2		1
LMC-WS2	4 47 40.5	-72 28 30	FOS/BL	ACCUM	1.0	G190H		1	360	1046	2		1
LMC-WS2	4 47 40.5	-72 28 30	FOS/RD	ACCUM	0.3	PRISM		1	480	1046	2		1
LMC-WS2	4 47 40.5	-72 28 30	FOS/RD	ACCUM	1.0	G270H		1	360	1046	2		1
LMC-WS2-OFFSET-STAR	4 47 40.5	-72 28 30*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1046	2	ACQ	1
4C09.17	4 48 21.8	9 50 51	FOC/96	IMAGE	512X512	F372M		1	900	1228	1		1
4C09.17	4 48 21.8	9 50 51	FOC/96	IMAGE	512X512	F430W		1	600	1228	1		1
4C09.17	4 48 21.8	9 50 51	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
4C09.17	4 48 21.8	9 50 51	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1260	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1275	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1355	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-B	2325	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1476	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1477	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1478	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1276	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1277	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1302	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1329	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1327	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1328	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1354	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1356	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1391	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1392	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-A	1393	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-B	2324	1	600	1168	3		1
HD30614	4 54 3.0	66 20 34	HRS	ACCUM	0.25	ECH-B	2326	1	600	1168	3		1
HD30614	4 54 3.0	66 20 33	HRS	ACCUM	0.25	ECH-A	1301	5	480	1065	2		1
HD30614	4 54 3.0	66 20 33	HRS	ACCUM	0.25	ECH-A	1446	5	480	1065	2	CON SEL	1
HD30614	4 54 3.0	66 20 33	HRS	ACCUM	0.25	ECH-A	1328	5	480	1065	2	CON SEL	1
HD30614	4 54 3.0	66 20 33	HRS	ACCUM	0.25	ECH-A	1418	5	480	1065	2	CON SEL	1
HD30614	4 54 3.0	66 20 33	HRS	ACCUM	0.25	ECH-A	1366	5	480	1065	2	CON SEL	1
HD30614	4 54 3.0	66 20 33	HRS	ACCUM	0.25	ECH-A	1279	5	480	1065	2		1
SK-67-18	4 55 11.9	-67 11 20	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
0453-423	4 55 23.0	-42 16 17	FOC/288	IMAGE	512X512	F1ND F342W		1	300	1236	2		1
SU-AURIGAE	4 55 59.5	30 34 1	HRS	ACCUM	2.0	G270M	2800	1	80	1209	2		1
SU-AURIGAE	4 55 59.5	30 34 1	HRS	ACCUM	2.0	G200M	1900	5	300	1209	2		1
SU-AURIGAE	4 55 59.5	30 34 1	HRS	ACCUM	2.0	G140L	1300	2	250	1209	2		1
SU-AURIGAE	4 55 59.5	30 34 1	HRS	ACCUM	2.0	G140L	1550	2	250	1209	2		1
SU-AURIGAE	4 55 59.5	30 34 1	HRS	ACCUM	2.0	G270M	2325	2	250	1209	2		1
PKS0454-22	4 56 8.9	-21 59 9	WFC	IMAGE	ANY	F128LP		1	1200	1026	0		1
PKS0454-22	4 56 8.9	-21 59 9	FOS/RD	ACCUM	0.5	PRISM	3500	1	240	1026	0		1
PKS0454-22	4 56 8.9	-21 59 9	FOS/BL	ACCUM	0.5	G130H	1300	1	3600	1026	0		1
PKS0454-22	4 56 8.9	-21 59 9	FOS/RD	ACCUM	0.5	G190H	1900	1	2400	1026	0		1
PKS0454-22	4 56 8.9	-21 59 9	FOS/RD	ACCUM	0.5	G270H	2700	1	720	1026	0		1
PKS0454-22	4 56 8.9	-21 59 9	FOS/BL	ACQ/BINA	4.3	MIRROR		1	6	1026	0	ACQ	1
PKS0454-22	4 56 8.9	-21 59 9	FOS/RD	ACQ/BINA	4.3	MIRROR		1	6	1026	0	ACQ	1
PKS0454-220	4 56 8.9	-21 59 9	HRS	ACCUM	2.0	G200M	1974	1	5000	1191	2		2
PKS0454-220	4 56 8.9	-21 59 9	HRS	ACCUM	2.0	G200M	1798	1	6200	1191	2		1
PKS0454-220	4 56 8.9	-21 59 9	HRS	ACQ/PEAK	2.0	MIRROR-N2		1	5	1191	2		2
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F230W		1	30	1105	3		1
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F555W		1	30	1105	3		1
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F702W		1	30	1105	3		1
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F230W		1	230	1105	3		1
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F230W		1	1200	1105	3		1
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F555W		1	230	1105	3		1
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F555W		1	1400	1105	3		1
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F702W		1	230	1105	3		1
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F702W		1	1400	1105	3		1
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F785LP		1	30	1105	3		1
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F785LP		1	230	1105	3		1
IC391	4 57 22.0	78 11 23	WFC	IMAGE	ALL	F785LP		1	1400	1105	3		1
HDE268743	4 57 47.8	-66 27 19	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
0457+024	4 59 52.1	2 29 32	FOC/288	IMAGE	512X512	F1ND F342W		1	300	1236	2		1
HDE270952	5 1 21.2	-65 52 46	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
HD31964	5 1 58.1	43 49 24	FOS/BL	ACCUM	1.0	G130H	1379	2	2700	1068	1		1
HD31964	5 1 58.1	43 49 24	FOS/BL	ACQ/PEAK	1.0	G130H	1379	1	5	1068	1	ACQ	1
HD31964	5 1 58.1	43 49 24	FOS/BL	ACQ/PEAK	4.3	G130H	1379	1	2	1068	1	ACQ	2
HD32068	5 2 28.6	41 4 32	HRS	ACCUM	2.0	ECH-B18	3090	1	280	1181	3		3
HD32068	5 2 28.6	41 4 32	HRS	ACCUM	2.0	ECH-B18	3075	1	280	1181	3		3
HD32068	5 2 28.6	41 4 32	HRS	ACCUM	2.0	ECH-A44	1273	1	1500	1181	3		2
HD32068	5 2 28.6	41 4 32	HRS	ACCUM	2.0	ECH-B19	3004	1	280	1181	3		3
HD32068	5 2 28.6	41 4 32	HRS	ACCUM	2.0	ECH-B19	3023	1	280	1181	3		3
HD32068	5 2 28.6	41 4 32	HRS	ACCUM	2.0	ECH-B21	2658	1	175	1181	3		2
HD32068	5 2 28.6	41 4 32	HRS	ACCUM	2.0	ECH-B21	2678	1	175	1181	3		2
3C133	5 2 58.5	25 16 25	FOC/96	IMAGE	512X512	F320W		1	900	1228	2		1
3C133	5 2 58.5	25 16 25	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
3C133	5 2 58.5	25 16 25	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C133	5 2 58.5	25 16 25	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
HD32301	5 3 5.8	21 35 24	HRS	ACCUM	2.0	G140L	1300	1	70	1210	2		1
HD32301	5 3 5.8	21 35 24	HRS	ACCUM	2.0	G140L	1550	1	60	1210	2		1
NGC1818-BKGRD	5 4 11.8	-66 36 40	WFC	IMAGE	ALL	F555W		1	20	1113	3		1
NGC1818-BKGRD	5 4 11.8	-66 36 40	WFC	IMAGE	ALL	F555W		1	200	1113	3		1
NGC1818-BKGRD	5 4 11.8	-66 36 40	WFC	IMAGE	ALL	F555W		1	2200	1113	3		1
NGC1818-BKGRD	5 4 11.8	-66 36 40	WFC	IMAGE	ALL	F785LP		1	20	1113	3		1
NGC1818-BKGRD	5 4 11.8	-66 36 40	WFC	IMAGE	ALL	F785LP		1	200	1113	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC1818-BKGRD	5 4 11.8	-66 36 40	WFC	IMAGE	ALL	F785LP		1	2200	1113	3		1
NGC1818	5 4 13.0	-66 26 10	WFC	IMAGE	ALL	F336W		1	30	1113	0		1
NGC1818	5 4 13.0	-66 26 10	WFC	IMAGE	ALL	F555W		1	3	1113	0		1
NGC1818	5 4 13.0	-66 26 10	WFC	IMAGE	ALL	F555W		1	50	1113	0		1
NGC1818	5 4 13.0	-66 26 10	WFC	IMAGE	ALL	F555W		1	1000	1113	0		1
NGC1818	5 4 13.0	-66 26 10	WFC	IMAGE	ALL	F336W		1	1200	1113	0		1
NGC1818	5 4 13.0	-66 26 10	WFC	IMAGE	ALL	F785LP		1	3	1113	0		1
NGC1818	5 4 13.0	-66 26 10	WFC	IMAGE	ALL	F785LP		1	50	1113	0		1
NGC1818	5 4 13.0	-66 26 10	WFC	IMAGE	ALL	F785LP		1	1000	1113	0		1
LMC-N97	5 4 52.0	-68 39 10	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
LMC-WS7	5 4 52.1	-68 39 10	PC	IMAGE	ALL	F502N		1	150	1046	0	ACQ	1
LMC-WS7	5 4 52.1	-68 39 10	PC	IMAGE	ALL	F664N		1	150	1046	0	ACQ	1
LMC-WS7	5 4 52.1	-68 39 10	FOS/BL	ACCUM	0.3	G160L		1	360	1046	2		1
LMC-WS7	5 4 52.1	-68 39 10	FOS/BL	ACCUM	1.0	G130H		1	360	1046	2		1
LMC-WS7	5 4 52.1	-68 39 10	FOS/BL	ACCUM	1.0	G190H		1	360	1046	2		1
LMC-WS7	5 4 52.1	-68 39 10	FOS/RD	ACCUM	0.3	PRISM		1	480	1046	2		1
LMC-WS7	5 4 52.1	-68 39 10	FOS/RD	ACCUM	1.0	G270H		1	360	1046	2		1
LMC-WS7-OFFSET-STAR	5 4 52.1	-68 39 10*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1046	2	ACQ	1
G191-B2B	5 5 30.6	52 49 54	HRS	ACCUM	0.25	G160M	1335	1	450	1214	3		1
G191-B2B	5 5 30.6	52 49 54	HRS	ACCUM	0.25	G160M	1529	1	450	1214	3		1
G191-B2B	5 5 30.6	52 49 54	HRS	ACCUM	0.25	G160M	1608	1	450	1214	3		1
G191-B2B	5 5 30.6	52 49 50	HRS	ACCUM	0.25	G160M	1400	1	270	1173	0		1
G191-B2B	5 5 30.6	52 49 50	HRS	ACCUM	0.25	G160M	1240	1	210	1173	0		1
G191-B2B	5 5 30.6	52 49 50	HRS	ACCUM	0.25	G160M	1175	1	420	1173	0		1
G191-B2B	5 5 30.6	52 49 50	HRS	ACCUM	0.25	G160M	1725	1	360	1173	0		1
G191-B2B	5 5 30.6	52 49 50	HRS	ACCUM	0.25	G160M	1206	1	520	1173	0		1
G191-B2B	5 5 30.6	52 49 50	HRS	ACCUM	0.25	G160M	1337	1	120	1173	0		1
G191-B2B	5 5 30.6	52 49 50	HRS	ACCUM	0.25	G160M	1557	1	420	1173	0		1
G191-B2B	5 5 30.6	52 49 50	HRS	ACCUM	0.25	G160M	1264	1	180	1173	0		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1650	1	660	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G200M	1920	1	660	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2030	1	444	1200	3		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2070	1	552	1200	3		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1325	1	552	1200	0		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2185	1	660	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1195	1	1314	1200	0		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1261	1	882	1200	0		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1286	1	768	1200	0		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1304	1	660	1200	0		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1384	1	768	1200	0		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140L	1478	1	120	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140L	1114	1	552	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140L	1298	1	120	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1409	1	768	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1431	1	660	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1536	1	882	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1556	1	990	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G200M	1948	1	660	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G200M	1788	1	660	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G200M	1812	1	660	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G200M	1838	1	444	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G200M	1866	1	552	1200	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G200M	1892	1	552	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2223	1	552	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2258	1	552	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2296	1	552	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2334	1	444	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G200M	1972	1	768	1200	3		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2147	1	360	1200	3		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2398	1	444	1200	3		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1337	1	552	1200	0		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1358	1	552	1200	0		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1217	1	2832	1200	0		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1236	1	1314	1200	0		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2520	1	227	1200	3		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2908	1	227	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2558	1	227	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2592	1	227	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2702	1	227	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2863	1	227	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2463	1	227	1200	3		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1473	1	660	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G140M	1492	1	768	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G200M	1764	1	660	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	ECH-A38	1474	1	882	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	ECH-B22	2585	1	882	1200	2		1
HD32656	5 5 53.4	26 25 47	HRS	ACCUM	0.25	G270M	2816	1	227	1200	2		1
LMC-WS8	5 6 9.4	-67 45 27	PC	IMAGE	ALL	F502N		1	150	1046	0	ACQ	1
LMC-WS8	5 6 9.4	-67 45 27	PC	IMAGE	ALL	F664N		1	150	1046	0	ACQ	1
LMC-WS8	5 6 9.4	-67 45 27	FOS/BL	ACCUM	0.3	G160L		1	360	1046	2		1
LMC-WS8	5 6 9.4	-67 45 27	FOS/BL	ACCUM	1.0	G130H		1	360	1046	2		1
LMC-WS8	5 6 9.4	-67 45 27	FOS/BL	ACCUM	1.0	G190H		1	360	1046	2		1
LMC-WS8	5 6 9.4	-67 45 27	FOS/RD	ACCUM	0.3	PRISM		1	480	1046	2		1
LMC-WS8	5 6 9.4	-67 45 27	FOS/RD	ACCUM	1.0	G270H		1	360	1046	2		1
LMC-WS8-OFFSET-STAR	5 6 9.4	-67 45 27*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1046	2	ACQ	1
NGC1808-NUC	5 7 43.8	-37 30 52	FOC/288	IMAGE	512X512	F190M		1	900	1221	1		1
RW-AUR	5 7 49.1	30 24 6	FOC/96	IMAGE	512X512	F140M		1	600	1263	2		1
RW-AUR	5 7 49.1	30 24 6	FOC/96	IMAGE	512X512	F152M		1	600	1263	2		1
RW-AUR	5 7 49.1	30 24 6	FOC/96	IMAGE	512X512	F253M		1	600	1263	2		1
RW-AUR	5 7 49.1	30 24 6	FOC/96	IMAGE	512X512	F278M		1	600	1263	2		1
RW-AUR	5 7 49.1	30 24 6	FOC/96	IMAGE	512X512	F346M		1	300	1263	2		1
RW-AUR	5 7 49.1	30 24 6	FOC/96	IMAGE	512X512	F346M F4ND		1	300	1263	2		1
HD33111	5 7 50.9	-5 5 11	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD33111	5 7 50.9	-5 5 11	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD33111	5 7 50.9	-5 5 11	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD33111	5 7 50.9	-5 5 11	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
LMC-WS9	5 8 2.2	-68 40 30	PC	IMAGE	ALL	F502N		1	150	1046	0	ACQ	1
LMC-WS9	5 8 2.2	-68 40 30	PC	IMAGE	ALL	F664N		1	150	1046	0	ACQ	1
LMC-WS9	5 8 2.2	-68 40 30	FOS/BL	ACCUM	0.3	G160L		1	360	1046	2		1
LMC-WS9	5 8 2.2	-68 40 30	FOS/BL	ACCUM	1.0	G130H		1	360	1046	2		1
LMC-WS9	5 8 2.2	-68 40 30	FOS/BL	ACCUM	1.0	G190H		1	360	1046	2		1
LMC-WS9	5 8 2.2	-68 40 30	FOS/RD	ACCUM	0.3	PRISM		1	480	1046	2		1
LMC-WS9	5 8 2.2	-68 40 30	FOS/RD	ACCUM	1.0	G270H		1	360	1046	2		1
LMC-WS9-OFFSET-STAR	5 8 2.2	-68 40 30*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1046	2	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
LMC-N25	5 9 23.0	-67 47 19	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
HD33793	5 10 3.0	-45 4 39	FOC/96	OCC	512X512-F0.4	F370LP		1	1500	1274	2		1
HD33904	5 12 55.8	-16 12 20	HRS	ACCUM	0.25	ECH-A	1362	1	155	1182	2		1
HD33904	5 12 55.8	-16 12 20	HRS	ACCUM	0.25	ECH-B	1942	1	69	1182	2		1
HD33949	5 13 13.8	-12 56 30	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD33949	5 13 13.8	-12 56 30	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD33949	5 13 13.8	-12 56 30	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD33949	5 13 13.8	-12 56 30	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
NGC1866-BKGRD	5 13 36.9	-65 39 52	WFC	IMAGE	ALL	F555W		1	20	1113	3		1
NGC1866-BKGRD	5 13 36.9	-65 39 52	WFC	IMAGE	ALL	F555W		1	200	1113	3		1
NGC1866-BKGRD	5 13 36.9	-65 39 52	WFC	IMAGE	ALL	F555W		1	2200	1113	3		1
NGC1866-BKGRD	5 13 36.9	-65 39 52	WFC	IMAGE	ALL	F785LP		1	20	1113	3		1
NGC1866-BKGRD	5 13 36.9	-65 39 52	WFC	IMAGE	ALL	F785LP		1	200	1113	3		1
NGC1866-BKGRD	5 13 36.9	-65 39 52	WFC	IMAGE	ALL	F785LP		1	2200	1113	3		1
NGC1866	5 13 38.3	-65 27 52	WFC	IMAGE	ALL	F336W		1	30	1113	2		1
NGC1866	5 13 38.3	-65 27 52	WFC	IMAGE	ALL	F555W		1	3	1113	2		1
NGC1866	5 13 38.3	-65 27 52	WFC	IMAGE	ALL	F555W		1	50	1113	2		1
NGC1866	5 13 38.3	-65 27 52	WFC	IMAGE	ALL	F555W		1	1000	1113	2		1
NGC1866	5 13 38.3	-65 27 52	WFC	IMAGE	ALL	F336W		1	1200	1113	2		1
NGC1866	5 13 38.3	-65 27 52	WFC	IMAGE	ALL	F785LP		1	3	1113	2		1
NGC1866	5 13 38.3	-65 27 52	WFC	IMAGE	ALL	F785LP		1	50	1113	2		1
NGC1866	5 13 38.3	-65 27 52	WFC	IMAGE	ALL	F785LP		1	1000	1113	2		1
NGC1851	5 14 6.3	-40 2 50	PC	IMAGE	ALL	F555W	5479	1	26	1007	0		3
NGC1851	5 14 6.3	-40 2 50	PC	IMAGE	ALL	F791W	8537	1	26	1007	0		2
NGC1851	5 14 6.3	-40 2 50	PC	IMAGE	ALL	F555W	5479	1	26	1007	1		3
NGC1851	5 14 6.3	-40 2 50	PC	IMAGE	ALL	F791W	8537	1	26	1007	1		2
NGC1851	5 14 6.3	-40 2 50	PC	IMAGE	ALL	F555W	5479	1	26	2944	0		3
NGC1851	5 14 6.3	-40 2 50	PC	IMAGE	ALL	F791W	8537	1	26	2944	0		2
NGC1851	5 14 6.3	-40 2 50	PC	IMAGE	ALL	F555W	5479	1	26	2946	1		3
NGC1851	5 14 6.3	-40 2 50	PC	IMAGE	ALL	F791W	8537	1	26	2946	1		2
NGC1851	5 14 6.6	-40 2 37	PC	IMAGE	ALL	F439W	4385	1	500	1053	2	ACQ	1
NGC1851	5 14 6.6	-40 2 37	PC	IMAGE	ALL	F284W	2841	1	500	1053	2	ACQ	1
NGC1851	5 14 6.6	-40 2 37	PC	IMAGE	ALL	F336W	3363	1	500	1053	2	ACQ	1
NGC1851	5 14 6.6	-40 2 37	PC	IMAGE	ALL	F656N	6599	1	500	1053	2	ACQ	1
NGC1851-OFFSET	5 14 6.6	-40 2 37	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1053	2	ACQ CON	1
NGC1851-STAR	5 14 6.6	-40 2 37*	FOS/RD	ACCUM	0.3	PRISM		1	500	1053	2	CON	1
NGC1851-STAR	5 14 6.6	-40 2 37*	FOS/RD	ACCUM	0.3	PRISM		1	1000	1053	2	CON	1
NGC1851-STAR	5 14 6.6	-40 2 37*	FOS/RD	ACCUM	0.3	G570H		1	3500	1053	2	CON	1
NGC1851	5 14 6.7	-40 2 48	PC	IMAGE	ALL	F547M		1	100	1052	0	ACQ	1
NGC1851	5 14 6.7	-40 2 48	PC	IMAGE	ALL	F230W		1	250	1052	0	ACQ	1
NGC1851	5 14 6.7	-40 2 48	PC	IMAGE	ALL	F336W		1	130	1052	0	ACQ	1
NGC1851-OFFSET-STAR	5 14 6.7	-40 2 48*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1052	1	ACQ CON	1
NGC1851-STAR1	5 14 6.7	-40 2 48*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	1	CON	1
NGC1851-STAR1	5 14 6.7	-40 2 48*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	1	CON	1
NGC1851-STAR2	5 14 6.7	-40 2 48*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	1	CON	1
NGC1851-STAR2	5 14 6.7	-40 2 48*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	1	CON	1
NGC1851	5 14 6.9	-40 2 42	PC	IMAGE	ALL	F555W		1	23	1019	0		1
NGC1851	5 14 6.9	-40 2 42	PC	IMAGE	ALL	F785LP		1	23	1019	0		1
AKN120	5 16 11.4	-0 8 59	FOC/288	IMAGE	512X512	F152M	1500	1	500	1227	0		1
AKN120	5 16 11.4	-0 8 59	FOC/288	IMAGE	512X512	F152M	1500	1	600	1227	1		1
AKN120	5 16 11.4	-0 8 59	FOC/288	IMAGE	512X512	F130M	1270	1	500	1227	0		1
AKN120	5 16 11.4	-0 8 59	FOC/288	IMAGE	512X512	F278M	2780	1	400	1227	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
AKN120	5 16 11.4	-0 8 59	FOC/288	IMAGE	512X512	F130M	1270	1	600	1227	1		1
AKN120	5 16 11.4	-0 8 59	FOC/288	IMAGE	512X512	F190M	1975	1	600	1227	2		2
AKN120	5 16 11.4	-0 8 59	FOC/288	IMAGE	512X512	F501N	5010	1	400	1227	0		1
AKN120	5 16 11.4	-0 8 59	FOC/288	IMAGE	512X512	F550M	5470	1	400	1227	0		1
AKN120	5 16 11.4	-0 8 59	FOC/288	IMAGE	512X512	F501N	5010	1	500	1227	1		1
AKN120	5 16 11.4	-0 8 59	FOC/288	IMAGE	512X512	F550M	5470	1	500	1227	1		1
AKN120	5 16 11.4	-0 8 59	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	700	1227	2		1
AKN120	5 16 11.4	-0 8 59	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	500	1227	2		1
AKN120	5 16 11.4	-0 9 0	HRS	ACCUM	2.0	G160M	1540	3	300	1165	2		1
AKN120	5 16 11.4	-0 9 0	HRS	ACCUM	2.0	G160M	1250	4	300	1165	2		1
AKN120	5 16 11.4	-0 9 0	HRS	ACCUM	2.0	G270M	2590	1	240	1165	2		1
AKN120	5 16 11.4	-0 9 0	HRS	ACCUM	2.0	G270M	2800	1	240	1165	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G200M	1990	1	300	1170	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G140L	1590	1	1740	1170	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G270M	2910	1	180	1170	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G270M	2950	1	180	1170	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G270M	2990	1	180	1170	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G140L	1315	1	1380	1170	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G200M	1916	1	300	1170	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G200M	1954	1	300	1170	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G200M	2028	1	300	1170	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G270M	2794	1	120	1170	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G270M	2834	1	120	1170	2		1
AKN120	5 16 11.5	-0 8 59	HRS	ACCUM	2.0	G270M	2874	1	120	1170	2		1
HD34029	5 16 41.2	45 59 53	HRS	ACCUM	0.25	ECH-B20	2800	1	176	1175	2		2
HD34029	5 16 41.2	45 59 53	HRS	ACCUM	0.25	ECH-B22	2600	1	352	1175	2		2
HD34029	5 16 41.2	45 59 53	HRS	ACCUM	0.25	ECH-A46	1213	1	980	1175	2		2
HD34029	5 16 41.4	45 59 52	HRS	ACCUM	SC2	G160M	1360	1	10	1159	1	CAL	1
HD34029	5 16 41.4	45 59 52	HRS	RAPID	2.0	G160M	1360	1	1643	1159	1		1
HD34029	5 16 41.6	45 59 32	HRS	ACCUM	2.0	G200M	1900	1	200	1176	2		2
HD34029	5 16 41.6	45 59 32	HRS	ACCUM	2.0	G200M	1750	1	20	1176	2		2
HD34029	5 16 41.6	45 59 32	HRS	ACCUM	2.0	G160M	1550	1	130	1176	2		2
HD34029	5 16 41.6	45 59 32	HRS	ACCUM	2.0	G140L	1304	1	20	1176	2		2
HD34029	5 16 41.6	45 59 32	HRS	ACCUM	2.0	G140L	1574	1	20	1176	2		2
HD34029	5 16 41.6	45 59 32	HRS	ACCUM	2.0	G160M	1402	1	270	1176	2		2
LMC-J18	5 17 23.5	-69 39 14	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
HD34480-CALIB	5 17 43.8	-0 22 12	FOC/288	IMAGE	512X512	F190M F4ND	1975	1	300	1227	2	CAL	1
LMC-J20	5 18 45.2	-69 10 13	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
LMC-J23	5 19 14.2	-69 34 56	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
PICTORA	5 19 26.3	-45 45 54	PC	IMAGE	ALL	F606W POL0		1	480	1058	0		1
PICTORA	5 19 26.3	-45 45 54	PC	IMAGE	ALL	F606W POL60		1	480	1058	0		1
PICTORA	5 19 26.3	-45 45 54	PC	IMAGE	ALL	F606W POL120		1	480	1058	0		1
PICTORA	5 19 26.3	-45 45 54	FOC/96	IMAGE	512X512	F430W POL0		1	480	1058	2		1
PICTORA	5 19 26.3	-45 45 54	FOC/96	IMAGE	512X512	F430W POL60		1	480	1058	2		1
PICTORA	5 19 26.3	-45 45 54	FOC/96	IMAGE	512X512	F430W POL120		1	480	1058	2		1
0519-69.0	5 19 33.8	-69 2 10	WFC	IMAGE	ALL	F517N		1	200	1048	2	ACQ	1
0519-69.0	5 19 33.8	-69 2 10	WFC	IMAGE	ALL	F656N		1	900	1048	2	ACQ	1
0519-69.0P1	5 19 33.8	-69 2 10*	FOS/BL	ACCUM	1.0-PAIR	G130H		1	1200	1048	3		1
0519-69.0P1	5 19 33.8	-69 2 10*	FOS/BL	ACCUM	1.0-PAIR	G190H		1	750	1048	3		1
0519-69.0P1	5 19 33.8	-69 2 10*	FOS/RD	ACCUM	1.0-PAIR	G270H		1	450	1048	3		1
0519-69.0P1	5 19 33.8	-69 2 10*	FOS/RD	ACCUM	1.0-PAIR	G400H		1	450	1048	3		1
0519-69.0P1	5 19 33.8	-69 2 10*	FOS/RD	ACCUM	1.0-PAIR	G570H		1	450	1048	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
STAR2-OFFSET	5 19 33.8	-69 2 10*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1048	3	ACQ	1
PICTOR-A	5 19 50.2	-45 46 47	FOC/96	IMAGE	512X512	F320W		1	900	1228	1		1
PICTOR-A	5 19 50.2	-45 46 47	FOC/96	IMAGE	512X512	F130M		1	900	1228	2		1
PICTOR-A	5 19 50.2	-45 46 47	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
PICTOR-A	5 19 50.2	-45 46 47	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
PICTOR-A	5 19 50.2	-45 46 47	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
LMC-J26	5 20 0.8	-69 26 0	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
LMC-J30	5 20 28.7	-69 22 51	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
LMC-A	5 20 30.7	-69 36 56	FOC/96	IMAGE	512X512	F346M	3480	1	1800	1258	2		1
LMC-A	5 20 30.7	-69 36 56	FOC/96	IMAGE	512X512	F410M	4100	1	1800	1258	2		1
LMC-A	5 20 30.7	-69 36 56	FOC/96	IMAGE	512X512	F470M	4725	1	1800	1258	2		1
LMC-A	5 20 30.7	-69 36 56	FOC/96	IMAGE	512X512	F550M	5470	2	1800	1258	2		1
LMC-D	5 20 30.7	-69 36 56*	FOC/96	IMAGE	512X512	F346M	3480	1	1800	1258	2		1
LMC-D	5 20 30.7	-69 36 56*	FOC/96	IMAGE	512X512	F410M	4100	1	1800	1258	2		1
LMC-D	5 20 30.7	-69 36 56*	FOC/96	IMAGE	512X512	F470M	4725	1	1800	1258	2		1
LMC-D	5 20 30.7	-69 36 56*	FOC/96	IMAGE	512X512	F550M	5470	2	1800	1258	2		1
LMC-B	5 20 30.8	-69 36 56*	FOC/96	IMAGE	512X512	F346M	3480	1	1800	1258	2		1
LMC-B	5 20 30.8	-69 36 56*	FOC/96	IMAGE	512X512	F410M	4100	1	1800	1258	2		1
LMC-B	5 20 30.8	-69 36 56*	FOC/96	IMAGE	512X512	F470M	4725	1	1800	1258	2		1
LMC-B	5 20 30.8	-69 36 56*	FOC/96	IMAGE	512X512	F550M	5470	2	1800	1258	2		1
LMC-C	5 20 30.8	-69 36 56*	FOC/96	IMAGE	512X512	F346M	3480	1	1800	1258	2		1
LMC-C	5 20 30.8	-69 36 56*	FOC/96	IMAGE	512X512	F410M	4100	1	1800	1258	2		1
LMC-C	5 20 30.8	-69 36 56*	FOC/96	IMAGE	512X512	F470M	4725	1	1800	1258	2		1
LMC-C	5 20 30.8	-69 36 56*	FOC/96	IMAGE	512X512	F550M	5470	2	1800	1258	2		1
3C138	5 21 9.9	16 38 21	FOC/96	IMAGE	512X512	F210M		1	900	1228	1		1
3C138	5 21 9.9	16 38 21	FOC/96	IMAGE	512X512	F370LP		1	600	1228	1		1
3C138	5 21 9.9	16 38 21	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C138	5 21 9.9	16 38 21	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
HD33564	5 22 33.5	79 13 52	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD33564	5 22 33.5	79 13 52	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD33564	5 22 33.5	79 13 52	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD33564	5 22 33.5	79 13 52	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
LMC-N199	5 22 44.7	-71 19 40	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
PKS0521-36	5 22 57.9	-36 27 32	FOC/96	IMAGE	256X256	F220W	2200	1	300	1226	1		1
PKS0521-36	5 22 57.9	-36 27 32	FOC/96	IMAGE	128X128	F550M	5470	1	300	1226	1		1
PKS0521-36	5 22 57.9	-36 27 32	FOC/96	IMAGE	512X1024	F220W	2200	1	1000	1226	1		1
PKS0521-36	5 22 57.9	-36 27 32	FOC/96	IMAGE	512X1024	F550M	5470	1	950	1226	1		1
LMC-WS24	5 24 2.3	-73 38 25	PC	IMAGE	ALL	F502N		1	150	1046	0	ACQ	1
LMC-WS24	5 24 2.3	-73 38 25	PC	IMAGE	ALL	F664N		1	150	1046	0	ACQ	1
LMC-WS24	5 24 2.3	-73 38 25	FOS/BL	ACCUM	0.3	G160L		1	360	1046	2		1
LMC-WS24	5 24 2.3	-73 38 25	FOS/BL	ACCUM	1.0	G130H		1	360	1046	2		1
LMC-WS24	5 24 2.3	-73 38 25	FOS/BL	ACCUM	1.0	G190H		1	360	1046	2		1
LMC-WS24	5 24 2.3	-73 38 25	FOS/RD	ACCUM	0.3	PRISM		1	480	1046	2		1
LMC-WS24	5 24 2.3	-73 38 25	FOS/RD	ACCUM	1.0	G270H		1	360	1046	2		1
LMC-WS24-OFFSET-STAR	5 24 2.3	-73 38 25*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1046	2	ACQ	1
HD35296	5 24 25.4	17 23 0	HRS	ACCUM	0.25	G270M	2497	2	420	1064	3	CON SEL	1
LMC-N201	5 24 54.9	-71 32 58	FOC/96	IMAGE	512X512	F486N		1	1000	1266	1		1
LMC-N201	5 24 54.9	-71 32 58	FOC/96	IMAGE	512X512	F501N		1	1000	1266	1		1
LMC-N201	5 24 54.9	-71 32 58	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
IC418	5 25 9.5	-12 44 15	PC	IMAGE	ALL	F157W		1	120	1212	2		1
IC418	5 25 9.5	-12 44 15	PC	IMAGE	ALL	F194W		1	120	1212	2		1
IC418	5 25 9.5	-12 44 15	PC	IMAGE	ALL	F517N		1	120	1212	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
IC418	5 25 9.5	-12 44 15	HRS	ACCUM	2.0	G140L	1420	1	56	1212	2		1
IC418	5 25 9.5	-12 44 15	HRS	ACCUM	2.0	G140L	1250	1	28	1212	2		1
IC418	5 25 9.5	-12 44 15	HRS	ACCUM	2.0	G140L	1670	1	169	1212	2		1
GBS0526-66	5 25 59.7	-66 4 32	HSP/UV1	SINGLE	1.0	F140LP		1	36000	1104	2		1
LMC-N49	5 26 0.6	-66 4 39	WFC	IMAGE	ALL	F336W		1	1200	1098	1		1
LMC-N49	5 26 0.6	-66 4 39	WFC	IMAGE	ALL	F702W		1	1200	1098	1	ACQ	1
LMC-N49	5 26 0.6	-66 4 39	HSP/VIS	SINGLE	0.4	F160LP		1	1200	1098	1	CON	2
LMC-N49	5 26 0.6	-66 4 39	FOS/RD	ACCUM	0.3	G650L	6000	1	1800	1098	1	CON	1
N49	5 26 1.6	-66 5 4	WFC	IMAGE	ALL	F656N		1	500	1048	0	ACQ	1
N49	5 26 1.6	-66 5 4	WFC	IMAGE	ALL	F517N		1	150	1048	0	ACQ	1
N49-P1	5 26 1.6	-66 5 4*	FOS/BL	ACCUM	1.0-PAIR	G130H		1	800	1048	1		1
N49-P1	5 26 1.6	-66 5 4*	FOS/BL	ACCUM	1.0-PAIR	G190H		1	500	1048	1		1
N49-P1	5 26 1.6	-66 5 4*	FOS/RD	ACCUM	1.0-PAIR	G270H		1	300	1048	1		1
N49-P1	5 26 1.6	-66 5 4*	FOS/RD	ACCUM	1.0-PAIR	G400H		1	300	1048	1		1
N49-P1	5 26 1.6	-66 5 4*	FOS/RD	ACCUM	1.0-PAIR	G570H		1	300	1048	1		1
STAR1-OFFSET	5 26 1.6	-66 5 4*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1048	1	ACQ	1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	G160M	1540	1	240	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	G160M	1660	1	240	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	G160M	1810	1	180	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	G160M	1860	1	180	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	G270M	2360	1	180	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	G270M	2590	1	180	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	G270M	2800	1	120	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	G270M	2850	1	120	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	G160M	1160	2	240	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	ECH-B	2325	3	300	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	G270M	2045	1	180	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	ECH-A	1402	4	300	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	ECH-A	1353	4	300	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	ECH-A	1549	4	300	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	ACCUM	2.0	ECH-A	1241	5	300	1166	2		1
HD36402	5 26 3.0	-67 30 2	HRS	WSCAN	2.0	G160M	1292	1	2160	1166	2		1
HDE269546	5 26 45.1	-68 49 55	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
NGC1978	5 28 45.7	-66 14 7	WFC	IMAGE	ALL	F555W		1	20	1113	0		1
NGC1978	5 28 45.7	-66 14 7	WFC	IMAGE	ALL	F555W		1	200	1113	0		1
NGC1978	5 28 45.7	-66 14 7	WFC	IMAGE	ALL	F555W		1	2200	1113	0		1
NGC1978	5 28 45.7	-66 14 7	WFC	IMAGE	ALL	F785LP		1	20	1113	0		1
NGC1978	5 28 45.7	-66 14 7	WFC	IMAGE	ALL	F785LP		1	200	1113	0		1
NGC1978	5 28 45.7	-66 14 7	WFC	IMAGE	ALL	F785LP		1	2200	1113	0		1
TV-COL	5 29 25.0	-32 49 4	FGS	POS	2	F550W		1	52	1000	0		8
TV-COL	5 29 25.0	-32 49 4	FGS	POS	2	F550W		1	52	1000	1		20
TV-COL	5 29 25.0	-32 49 4	FGS	POS	2	F550W		1	52	1000	2		20
TV-COL	5 29 25.0	-32 49 4	FGS	POS	2	F550W		1	52	2934	0		8
TV-COL	5 29 25.0	-32 49 4	FGS	POS	2	F550W		1	52	2934	1		20
TV-COL	5 29 25.0	-32 49 4	FGS	POS	2	F550W		1	52	2934	2		20
TV-COL	5 29 25.0	-32 49 4	FGS	TRANS	ANY	F583W		1	100	1000	0		1
TV-COL	5 29 25.0	-32 49 4	FGS	TRANS	ANY	F583W		1	100	2934	0		1
TV-COL	5 29 25.5	-32 49 3	HSP/UV1	PRISM	1.0	F248M/F135W		1	19800	1090	1		1
LMC-BAR-60MIN-SE	5 30 22.7	-70 0 56	WFC	IMAGE	ALL	F555W		1	20	1113	3		1
LMC-BAR-60MIN-SE	5 30 22.7	-70 0 56	WFC	IMAGE	ALL	F555W		1	200	1113	3		1
LMC-BAR-60MIN-SE	5 30 22.7	-70 0 56	WFC	IMAGE	ALL	F555W		1	2200	1113	3		1
LMC-BAR-60MIN-SE	5 30 22.7	-70 0 56	WFC	IMAGE	ALL	F785LP		1	20	1113	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
LMC-BAR-60MIN-SE	5 30 22.7	-70 0 56	WFC	IMAGE	ALL	F785LP		1	200	1113	3		1
LMC-BAR-60MIN-SE	5 30 22.7	-70 0 56	WFC	IMAGE	ALL	F785LP		1	2200	1113	3		1
NGC1978-BKGRD	5 30 34.5	-66 13 15*	WFC	IMAGE	ALL	F555W		1	20	1113	3		1
NGC1978-BKGRD	5 30 34.5	-66 13 15*	WFC	IMAGE	ALL	F555W		1	200	1113	3		1
NGC1978-BKGRD	5 30 34.5	-66 13 15*	WFC	IMAGE	ALL	F555W		1	2200	1113	3		1
NGC1978-BKGRD	5 30 34.5	-66 13 15*	WFC	IMAGE	ALL	F785LP		1	20	1113	3		1
NGC1978-BKGRD	5 30 34.5	-66 13 15*	WFC	IMAGE	ALL	F785LP		1	200	1113	3		1
NGC1978-BKGRD	5 30 34.5	-66 13 15*	WFC	IMAGE	ALL	F785LP		1	2200	1113	3		1
HDE269700	5 31 52.9	-68 32 35	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
HD36486	5 32 0.4	-0 17 57	HRS	ACCUM	0.25	ECH-A	1360	4	900	1069	3	CON SEL	1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-A	1240	1	29	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-A	1530	1	54	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-B	2370	1	13	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-A	1334	1	29	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-A	1392	1	59	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-A	1252	1	24	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-A	1303	1	21	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-A	1356	1	51	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-A	1558	1	51	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-A	1547	1	62	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-B	1826	1	27	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-A	1191	1	16	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-B	1805	1	24	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-B	2024	1	16	1071	1		1
HD36486	5 32 0.4	-0 17 57	HRS	WSCAN	0.25	ECH-B	2602	1	21	1071	1		1
LMC-X-4	5 32 49.3	-66 22 14	HSP/UV1	SINGLE	1.0	F135W		1	2000	1091	1		1
LMC-X-4	5 32 49.3	-66 22 14	HRS	ACCUM	0.25	G140L	1520	1	360	1151	2		4
LMC-WS33	5 34 21.2	-68 58 25	PC	IMAGE	ALL	F502N		1	150	1046	0	ACQ	1
LMC-WS33	5 34 21.2	-68 58 25	PC	IMAGE	ALL	F664N		1	150	1046	0	ACQ	1
LMC-WS33	5 34 21.2	-68 58 25	FOS/BL	ACCUM	0.3	G160L		1	360	1046	2		1
LMC-WS33	5 34 21.2	-68 58 25	FOS/BL	ACCUM	1.0	G130H		1	360	1046	2		1
LMC-WS33	5 34 21.2	-68 58 25	FOS/BL	ACCUM	1.0	G190H		1	360	1046	2		1
LMC-WS33	5 34 21.2	-68 58 25	FOS/RD	ACCUM	0.3	PRISM		1	480	1046	2		1
LMC-WS33	5 34 21.2	-68 58 25	FOS/RD	ACCUM	1.0	G270H		1	360	1046	2		1
LMC-WS33-OFFSET-STAR	5 34 21.2	-68 58 25*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1046	2	ACQ	1
CRAB-NEBULA	5 34 30.1	22 0 30	FOC/96	IMAGE	512X512	F372M	3710	1	1800	1060	0		1
CRAB-NEBULA	5 34 30.1	22 0 30	FOC/96	IMAGE	512X512	F501N	4870	1	1800	1060	0		1
CRAB-NEBULA	5 34 30.1	22 0 30	FOC/48	SPEC	256X1024-SLIT	G150M	1500	1	3600	1060	2	CON	1
CRAB-NEBULA	5 34 30.1	22 0 30	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	3600	1060	2	CON	1
CRAB-NEBULA	5 34 30.1	22 0 30	FOC/48	IMAGE	512X512-ASLIT	F430W	3920	1	300	1060	2	ACQ CON	1
PSR0531+21	5 34 31.9	22 0 52	HSP/VIS	SINGLE	0.4	F551W		1	600	1101	0		6
PSR0531+21	5 34 31.9	22 0 52	HSP/UV1	SINGLE	0.4	F135W		1	1200	1101	0		1
PSR0531+21	5 34 31.9	22 0 52	HSP/UV2	SINGLE	0.4	F152M		1	1200	1101	0		1
PSR0531+21	5 34 31.9	22 0 52	HSP/UV2	SINGLE	0.4	F179M		1	1200	1101	0		1
PSR0531+21	5 34 31.9	22 0 52	HSP/UV2	SINGLE	0.4	F218M		1	1200	1101	0		1
PSR0531+21	5 34 31.9	22 0 52	HSP/UV2	SINGLE	0.4	F248M		1	1200	1101	0		1
PSR0531+21	5 34 31.9	22 0 52	HSP/UV2	SINGLE	0.4	F284M		1	1200	1101	0		1
PSR0531+21	5 34 31.9	22 0 52	HSP/UV2	PEAKUP	10.0	F140LP		1	40	1101	0	ACQ	5
PSR0531+21	5 34 31.9	22 0 52	HSP/VIS	PEAKUP	10.0	F160LP		1	40	1101	0	ACQ	6
PSR0531+21	5 34 31.9	22 0 52	HSP/UV1	PEAKUP	10.0	F140LP		1	1	1101	1	ACQ	4
NGC1952	5 34 31.9	22 0 52	PC	IMAGE	ALL	F336W		1	60	1138	3		1
NGC1952	5 34 31.9	22 0 52	PC	IMAGE	ALL	F336W		1	400	1138	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC1952	5 34 31.9	22 0 52	PC	IMAGE	ALL	F336W		1	2000	1138	3		1
NGC1952	5 34 31.9	22 0 52	PC	IMAGE	ALL	F648M		1	2000	1138	3		1
NGC1952	5 34 31.9	22 0 52	PC	IMAGE	ALL	F547M		1	1200	1138	0		1
NGC1952	5 34 31.9	22 0 52	PC	IMAGE	ALL	F648M		1	1200	1138	0		1
NGC1952	5 34 31.9	22 0 52	PC	IMAGE	ALL	F547M		1	1200	1138	2		1
NGC1952	5 34 31.9	22 0 52	PC	IMAGE	ALL	F785LP		1	60	1138	3		1
NGC1952	5 34 31.9	22 0 52	PC	IMAGE	ALL	F785LP		1	400	1138	3		1
NGC1952	5 34 31.9	22 0 52	PC	IMAGE	ALL	F785LP		1	2000	1138	3		1
CRAB-PULSAR	5 34 32.0	22 0 52	FOS/BL	ACCUM	0.5	G130H		1	1000	1054	2		1
CRAB-PULSAR	5 34 32.0	22 0 52	FOS/BL	ACCUM	0.5	G190H		1	1000	1054	2		1
CRAB-PULSAR	5 34 32.0	22 0 52	FOS/BL	ACCUM	0.5	G270H		1	1000	1054	2		1
CRAB-PULSAR	5 34 32.0	22 0 52	FOS/BL	ACCUM	0.5	PRISM		1	1000	1054	2		1
CRAB-PULSAR	5 34 32.0	22 0 52	FOS/BL	ACCUM	0.5	G160L		1	1920	1054	2		2
CRAB-PULSAR	5 34 32.0	22 0 52	FOS/BL	ACQ/BINA	4.3	MIRROR		1	0	1054	2	ACQ	1
CRAB-NEBULA	5 34 32.2	22 0 52	FOC/96	IMAGE	512X512	F372M		1	3600	1264	2		1
CRAB-NEBULA	5 34 32.2	22 0 52	FOC/96	IMAGE	512X512	F342W POL0		1	1260	1264	1		1
CRAB-NEBULA	5 34 32.2	22 0 52	FOC/96	IMAGE	512X512	F342W POL0		1	2400	1264	2		1
CRAB-NEBULA	5 34 32.2	22 0 52	FOC/96	IMAGE	512X512	F342W POL60		1	1260	1264	1		1
CRAB-NEBULA	5 34 32.2	22 0 52	FOC/96	IMAGE	512X512	F342W POL60		1	2400	1264	2		1
CRAB-NEBULA	5 34 32.2	22 0 52	FOC/96	IMAGE	512X512	F342W POL120		1	1260	1264	1		1
CRAB-NEBULA	5 34 32.2	22 0 52	FOC/96	IMAGE	512X512	F342W POL120		1	2400	1264	2		1
NGC1976-3	5 35 8.0	-5 24 56	WFC	IMAGE	ALL	F631N		1	900	1075	1		1
NGC1976-3	5 35 8.0	-5 24 56	WFC	IMAGE	ALL	F502N		1	480	1075	0		1
NGC1976-3	5 35 8.0	-5 24 56	WFC	IMAGE	ALL	F656N		1	360	1075	1		1
NGC1976-4	5 35 8.1	-5 22 44	WFC	IMAGE	ALL	F631N		1	900	1075	1		1
NGC1976-4	5 35 8.1	-5 22 44	WFC	IMAGE	ALL	F502N		1	480	1075	0		1
NGC1976-4	5 35 8.1	-5 22 44	WFC	IMAGE	ALL	F656N		1	360	1075	1		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1260	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1275	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1355	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-B	2325	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1476	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1477	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1478	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1276	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1277	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1302	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1329	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1327	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1328	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1354	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1356	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1391	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1392	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-A	1393	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-B	2324	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	ACCUM	0.25	ECH-B	2326	1	120	1168	3		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-A	1240	1	79	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-A	1252	1	64	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-A	1530	1	144	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-B	2370	1	36	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-A	1303	1	57	1071	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-A	1334	1	79	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-A	1356	1	136	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-A	1392	1	158	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-A	1558	1	136	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-A	1191	1	43	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-B	1805	1	64	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-B	1826	1	72	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-B	2024	1	43	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-B	2324	1	57	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-B	2602	1	57	1071	2		1
HD36861	5 35 8.3	9 56 3	HRS	WSCAN	0.25	ECH-A	1547	1	165	1071	2		1
M42HH	5 35 11.5	-5 21 35	WFC	IMAGE	ALL	F702W		1	100	1121	3		1
M42HH	5 35 11.5	-5 21 35	WFC	IMAGE	ALL	F702W		1	100	1121	3	ACQ	1
M42HH	5 35 11.5	-5 21 35	WFC	IMAGE	ALL	F673N		2	400	1121	3		2
NGC1976-2	5 35 16.8	-5 24 57	WFC	IMAGE	ALL	F631N		1	900	1075	1		1
NGC1976-2	5 35 16.8	-5 24 57	WFC	IMAGE	ALL	F502N		1	480	1075	0		1
NGC1976-2	5 35 16.8	-5 24 57	WFC	IMAGE	ALL	F656N		1	360	1075	1		1
NGC1976-5	5 35 16.9	-5 22 45	WFC	IMAGE	ALL	F631N		1	900	1075	1		1
NGC1976-5	5 35 16.9	-5 22 45	WFC	IMAGE	ALL	F502N		1	480	1075	0		1
NGC1976-5	5 35 16.9	-5 22 45	WFC	IMAGE	ALL	F656N		1	360	1075	1		1
NGC1976-1	5 35 25.6	-5 24 57	WFC	IMAGE	ALL	F631N		1	900	1075	1		1
NGC1976-1	5 35 25.6	-5 24 57	WFC	IMAGE	ALL	F502N		1	480	1075	1		1
NGC1976-1	5 35 25.6	-5 24 57	WFC	IMAGE	ALL	F656N		1	360	1075	1		1
NGC1976-6	5 35 25.7	-5 22 45	WFC	IMAGE	ALL	F502N		1	960	1075	1		1
NGC1976-6	5 35 25.7	-5 22 45	WFC	IMAGE	ALL	F631N		1	1500	1075	1		1
NGC1976-6	5 35 25.7	-5 22 45	WFC	IMAGE	ALL	F656N		1	720	1075	1		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1260	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1275	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1355	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-B	2325	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1476	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1477	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1478	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1276	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1277	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1302	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1329	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1327	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1328	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1354	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1356	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1391	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1392	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-A	1393	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-B	2324	1	60	1168	3		1
HD37043	5 35 25.9	-5 54 36	HRS	ACCUM	0.25	ECH-B	2326	1	60	1168	3		1
ORION-A	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F152M	1500	1	1000	1262	2		1
ORION-A	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F130M	1270	1	1000	1262	2		1
ORION-A	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F170M	1760	1	1000	1262	2		1
ORION-A	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F210M	2140	1	1000	1262	2		1
ORION-A	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F253M	2540	1	1000	1262	2		1
ORION-A	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F346M	3480	1	1000	1262	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
ORION-B	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F152M	1500	1	1000	1262	2		1
ORION-B	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F130M	1270	1	1000	1262	2		1
ORION-B	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F170M	1760	1	1000	1262	2		1
ORION-B	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F210M	2140	1	1000	1262	2		1
ORION-B	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F253M	2540	1	1000	1262	2		1
ORION-B	5 35 27.4	-5 28 8	FOC/96	IMAGE	512X512	F346M	3480	1	1000	1262	2		1
SN1987A	5 35 28.0	-69 16 12	PC	IMAGE	ALL	F656N		1	120	1016	1		1
SN1987A	5 35 28.0	-69 16 12	PC	IMAGE	ALL	F656N		1	480	1016	1		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F555W		1	5	1121	0		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F555W		1	50	1121	0		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F555W		1	200	1121	0		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F702W		1	5	1121	0		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F702W		1	50	1121	0		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F702W		1	200	1121	0		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F336W		1	5	1121	0	ACQ	1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F336W		1	50	1121	0	ACQ	1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F336W		1	200	1121	0	ACQ	1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F555W		1	50	1121	1		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F555W		1	200	1121	1		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F702W		1	50	1121	1		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F702W		1	200	1121	1		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F555W		1	50	1121	2		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F555W		1	200	1121	2		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F702W		1	50	1121	2		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F702W		1	200	1121	2		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F656N		1	1000	1121	3		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F656N		2	1000	1121	1		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F656N		2	1000	1121	2		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F850LP		1	50	1121	1		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F850LP		1	200	1121	1		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F850LP		1	50	1121	2		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F850LP		1	200	1121	2		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F850LP		1	50	1121	3		1
SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ALL	F850LP		1	200	1121	3		1
SN1987A	5 35 28.0	-69 16 10	HSP/VIS	SINGLE	0.4	F160LP		1	1200	1098	0		3
SN1987A-CENTER	5 35 28.0	-69 16 12*	FOS/BL	ACCUM	0.1-PAIR-B	G130H		1	2000	1042	0	CON	1
SN1987A-CENTER	5 35 28.0	-69 16 12*	FOS/BL	ACCUM	0.1-PAIR-B	G190H		1	2000	1042	0	CON	1
SN1987A-CENTER	5 35 28.0	-69 16 12*	FOS/RD	ACCUM	0.1-PAIR-B	G270H		1	2000	1042	0	CON	1
SN1987A-CENTER	5 35 28.0	-69 16 12*	FOS/RD	ACCUM	0.1-PAIR-B	G400H		1	2000	1042	0	CON	1
SN1987A-CENTER	5 35 28.0	-69 16 12*	FOS/RD	ACCUM	0.1-PAIR-B	G570H		1	2000	1042	0	CON	1
SN1987A-CENTER	5 35 28.0	-69 16 12*	FOS/RD	ACCUM	0.1-PAIR-B	G780H		1	2000	1042	0	CON	1
SN1987A-FIELD	5 35 28.0	-69 16 12	PC	IMAGE	ALL	F648M		1	1000	1042	0	CON	1
SN1987A-FIELD	5 35 28.0	-69 16 12	PC	IMAGE	ALL	F648M		1	1000	1042	0	ACQ	1
SN1987A-OFFSET	5 35 28.0	-69 16 12*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1042	0	ACQ CON	1
SN1987A-OFFSET	5 35 28.0	-69 16 12*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	0	1042	0	ACQ CON	3
SN1987A-POS1	5 35 28.0	-69 16 12*	FOS/RD	ACCUM	0.1-PAIR-B	G400H		1	2000	1042	0	CON	1
SN1987A-POS1	5 35 28.0	-69 16 12*	FOS/RD	ACCUM	0.1-PAIR-B	G570H		1	2000	1042	0	CON	1
SN1987A-POS1	5 35 28.0	-69 16 12*	FOS/RD	ACCUM	0.1-PAIR-B	G780H		1	2000	1042	0	CON	1
SN1987A-POS2	5 35 28.0	-69 16 12*	FOS/RD	ACCUM	0.1-PAIR-B	G400H		1	2000	1042	0	CON	1
SN1987A-POS2	5 35 28.0	-69 16 12*	FOS/RD	ACCUM	0.1-PAIR-B	G570H		1	2000	1042	0	CON	1

Target	RA(2ØØØ)	Dec(2ØØØ)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SN1987A-POS2	5 35 28.Ø	-69 16 12*	FOS/RD	ACCUM	Ø.1-PAIR-B	G78ØH		1	2ØØØ	1Ø42	Ø	CON	1
SN1987A	5 35 28.Ø	-69 16 11	FOC/96	IMAGE	512X512	F17ØM		1	6ØØ	1259	Ø		1
SN1987A	5 35 28.Ø	-69 16 11	FOC/96	IMAGE	512X512	F19ØM		1	6ØØ	1259	Ø		1
SN1987A	5 35 28.Ø	-69 16 11	FOC/96	IMAGE	512X512	F346M		1	6ØØ	1259	Ø		1
SN1987A	5 35 28.Ø	-69 16 11	FOC/96	IMAGE	512X512	F47ØM		1	6ØØ	1259	Ø		1
SN1987A	5 35 28.Ø	-69 16 11	FOC/96	IMAGE	512X512	F346M		1	6ØØ	1259	3		2
SN1987A	5 35 28.Ø	-69 16 11	FOC/96	IMAGE	512X512	F47ØM		1	6ØØ	1259	3		2
SN1987A	5 35 28.Ø	-69 16 11	FOC/288	IMAGE	512X512	F275W		1	24ØØ	1259	Ø		1
HH34	5 35 29.9	-6 27 1	PC	IMAGE	ALL	F7Ø2W		1	2ØØ	1121	2		1
HH34	5 35 29.9	-6 27 1	PC	IMAGE	ALL	F7Ø2W		1	2ØØ	1121	3		1
HH34	5 35 29.9	-6 27 1	PC	IMAGE	ALL	F656N		2	1ØØØ	1121	2		1
HH34	5 35 29.9	-6 27 1	PC	IMAGE	ALL	F673N		2	1ØØØ	1121	2		1
HH34	5 35 29.9	-6 27 1	PC	IMAGE	ALL	F656N		2	1ØØØ	1121	3		1
HH34	5 35 29.9	-6 27 1	PC	IMAGE	ALL	F673N		2	1ØØØ	1121	3		1
HH34	5 35 29.9	-6 27 1	PC	IMAGE	ALL	F7Ø2W		1	12Ø	1121	Ø	ACQ	1
HH34	5 35 29.9	-6 27 1	PC	IMAGE	ALL	F85ØLP		2	6ØØ	1121	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	13ØØ	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	134Ø	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-B	191Ø	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-B	2Ø6Ø	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-B	226Ø	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-B	237Ø	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-B	26ØØ	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-B	28ØØ	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-B	285Ø	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	G14ØM	1Ø8Ø	1	6Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	G14ØM	113Ø	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	G16ØM	116Ø	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1445	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1345	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-B	2Ø25	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-B	2325	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-B	2865	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	G14ØM	1Ø65	1	6Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	G14ØM	11Ø5	1	6Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	G14ØM	1145	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	14Ø2	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1412	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1234	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1238	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1252	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1276	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1288	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1326	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1333	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1353	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1361	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1369	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1391	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1531	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1549	1	3Ø	1162	3		1
HD37Ø61	5 35 31.4	-5 16 3	HRS	ACCUM	Ø.25	ECH-A	1559	1	3Ø	1162	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-A	1606	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-A	1654	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-A	1673	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-A	1706	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-B	1808	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-B	1828	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-B	1854	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-B	2483	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-B	2011	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-B	2139	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-B	2334	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-B	2683	1	30	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	ACCUM	0.25	ECH-A	1197	1	44	1162	3		1
HD37061	5 35 31.4	-5 16 3	HRS	WSCAN	0.25	G160M	1292	1	130	1162	3		1
A0538-66	5 35 40.5	-66 51 53	HSP/UV1	SINGLE	1.0	F135W		1	2000	1091	1		1
A0538-66	5 35 40.5	-66 51 53	HSP/UV1	SINGLE	1.0	F220W		1	20	1097	1		1
A0538-66	5 35 40.5	-66 51 53	HSP/UV2	SINGLE	1.0	F145M		1	60	1097	1		1
A0538-66	5 35 40.5	-66 51 53	HSP/UV2	SINGLE	1.0	F184W		1	60	1097	1		1
A0538-66	5 35 40.5	-66 51 53	HSP/UV2	SINGLE	1.0	F248M		1	40	1097	1		9
A0538-66	5 35 40.5	-66 51 53	HSP/UV2	SINGLE	1.0	F248M		1	60	1097	1		1
A0538-66	5 35 40.5	-66 51 53	HSP/UV2	SINGLE	1.0	F284M		1	60	1097	1		1
A0538-66	5 35 40.5	-66 51 53	HSP/POL	PEAKUP	6.0	F160LP		1	60	1097	1	ACQ	10
A0538-66	5 35 40.5	-66 51 53	HSP/POL	SINGLE	POL0	F277M		1	30	1097	1		100
A0538-66	5 35 40.5	-66 51 53	HSP/UV1	PEAKUP	10.0	F140LP		1	60	1097	1	ACQ	1
A0538-66	5 35 40.5	-66 51 53	HSP/POL	SINGLE	POL45	F277M		1	30	1097	1		100
A0538-66	5 35 40.5	-66 51 53	HSP/POL	SINGLE	POL90	F277M		1	30	1097	1		100
A0538-66	5 35 40.5	-66 51 53	HSP/POL	SINGLE	POL135	F277M		1	30	1097	1		100
HD37128	5 36 15.7	1 15 46	HRS	ACCUM	0.25	ECH-A	1360	4	900	1069	3	CON SEL	1
HH1	5 36 20.5	-6 45 11	FOC/96	IMAGE	512X512	F190M		1	1200	1263	0		1
HH1	5 36 20.5	-6 45 11	FOC/96	IMAGE	512X512	F307M		1	1200	1263	0		1
HH1	5 36 20.5	-6 45 11	FOC/96	IMAGE	512X512	F190M		1	1200	1263	1		1
HH1	5 36 20.5	-6 45 11	FOC/96	IMAGE	512X512	F307M		1	1200	1263	1		1
HH1	5 36 20.5	-6 45 11	FOC/96	IMAGE	512X512	F190M		1	1200	1263	2		2
HH1	5 36 20.5	-6 45 11	FOC/96	IMAGE	512X512	F307M		1	1200	1263	2		2
HH1	5 36 20.5	-6 45 11	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	3720	1263	2		1
LMC-WS35	5 36 20.9	-67 18 8	PC	IMAGE	ALL	F502N		1	150	1046	0	ACQ	1
LMC-WS35	5 36 20.9	-67 18 8	PC	IMAGE	ALL	F664N		1	150	1046	0	ACQ	1
LMC-WS35	5 36 20.9	-67 18 8	FOS/BL	ACCUM	0.3	G160L		1	360	1046	2		1
LMC-WS35	5 36 20.9	-67 18 8	FOS/BL	ACCUM	1.0	G130H		1	360	1046	2		1
LMC-WS35	5 36 20.9	-67 18 8	FOS/BL	ACCUM	1.0	G190H		1	360	1046	2		1
LMC-WS35	5 36 20.9	-67 18 8	FOS/RD	ACCUM	0.3	PRISM		1	480	1046	2		1
LMC-WS35	5 36 20.9	-67 18 8	FOS/RD	ACCUM	1.0	G270H		1	360	1046	2		1
LMC-WS35-OFFSET-STAR	5 36 20.9	-67 18 8*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1046	2	ACQ	1
LMC-N66	5 36 21.0	-67 18 10	FOC/96	IMAGE	512X512	F486N		1	1000	1266	1		1
LMC-N66	5 36 21.0	-67 18 10	FOC/96	IMAGE	512X512	F501N		1	1000	1266	1		1
LMC-N66	5 36 21.0	-67 18 10	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1000	1266	2		1
HH1-2CTR	5 36 21.0	-6 45 25	PC	IMAGE	ALL	F702W		1	400	1121	2		1
HH1-2CTR	5 36 21.0	-6 45 25	PC	IMAGE	ALL	F702W		1	400	1121	3		1
HH1-2CTR	5 36 21.0	-6 45 25	PC	IMAGE	ALL	F656N		2	600	1121	2		1
HH1-2CTR	5 36 21.0	-6 45 25	PC	IMAGE	ALL	F673N		2	700	1121	2		1
HH1-2CTR	5 36 21.0	-6 45 25	PC	IMAGE	ALL	F656N		2	600	1121	3		1
HH1-2CTR	5 36 21.0	-6 45 25	PC	IMAGE	ALL	F673N		2	700	1121	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HH1-2CTR	5 36 21.0	-6 45 25	PC	IMAGE	ALL	F850LP		1	400	1121	3		1
HH-CS	5 36 21.4	-6 45 37	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	3000	1263	2		1
CS-STAR	5 36 23.3	-6 46 7	WFC	IMAGE	ALL	F702W		1	200	1121	0	ACQ	1
CS-STAR	5 36 23.3	-6 46 7	WFC	IMAGE	ALL	F656N		1	600	1121	1		1
CS-STAR	5 36 23.3	-6 46 7	WFC	IMAGE	ALL	F673N		1	600	1121	1		1
CS-STAR	5 36 23.3	-6 46 7	WFC	IMAGE	ALL	F702W		1	200	1121	1		1
CS-STAR	5 36 23.3	-6 46 7	WFC	IMAGE	ALL	F702W		1	200	1121	2		1
CS-STAR	5 36 23.3	-6 46 7	WFC	IMAGE	ALL	F673N		1	600	1121	3		1
CS-STAR	5 36 23.3	-6 46 7	WFC	IMAGE	ALL	F850LP		1	200	1121	2		1
HH2	5 36 25.5	-6 47 12	FOC/96	IMAGE	512X1024	F190M		1	1200	1263	0		1
HH2	5 36 25.5	-6 47 12	FOC/96	IMAGE	512X1024	F307M		1	1200	1263	0		1
HH2	5 36 25.5	-6 47 12	FOC/96	IMAGE	512X1024	F190M		1	1200	1263	1		1
HH2	5 36 25.5	-6 47 12	FOC/96	IMAGE	512X1024	F307M		1	1200	1263	1		1
HH2	5 36 25.5	-6 47 12	FOC/96	IMAGE	512X1024	F190M		1	1200	1263	2		2
HH2	5 36 25.5	-6 47 12	FOC/96	IMAGE	512X1024	F307M		1	1200	1263	2		2
HDE269859	5 36 42.8	-69 30 19	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
HD37202	5 37 38.4	21 8 43	HRS	ACCUM	0.25	ECH-B	2750	1	60	1211	3		1
HD37202	5 37 38.4	21 8 43	HRS	ACCUM	0.25	ECH-B	2800	1	60	1211	3		1
HD37202	5 37 38.4	21 8 43	HRS	ACCUM	0.25	ECH-B	3060	1	60	1211	3		1
HD37202	5 37 38.4	21 8 43	HRS	ACCUM	0.25	ECH-A	1241	1	60	1211	3		1
HD37202	5 37 38.4	21 8 43	HRS	ACCUM	0.25	ECH-A	1544	1	60	1211	3		1
HD37202	5 37 38.4	21 8 43	HRS	ACCUM	0.25	ECH-A	1549	1	60	1211	3		1
HD37202	5 37 38.4	21 8 43	HRS	ACCUM	0.25	ECH-A	1657	1	60	1211	3		1
HD37202	5 37 38.4	21 8 43	HRS	ACCUM	0.25	ECH-B	2348	1	60	1211	3		1
HD37202	5 37 38.4	21 8 43	HRS	ACCUM	0.25	ECH-B	2359	1	60	1211	3		1
HD37202	5 37 38.4	21 8 43	HRS	ACCUM	0.25	ECH-B	2599	1	60	1211	3		1
HD37202	5 37 38.4	21 8 43	HRS	ACCUM	0.25	ECH-B	2739	1	60	1211	3		1
INCA221-35	5 38 13.0	-44 5 25	FGS	POS	2	F583W		1	51	1532	1		4
INCA221-35	5 38 13.0	-44 5 25	FGS	POS	2	F583W		1	51	1532	2		2
HD38268	5 38 22.6	-69 4 13	FOC/48	SPEC	256X1024-SLIT	G225M		1	800	1256	2		1
HD38268	5 38 22.6	-69 4 13	FOC/48	SPEC	256X1024-SLIT	G450M		1	400	1256	2		1
HD38268	5 38 22.6	-69 4 13	FOC/288	IMAGE	512X512	F4ND F550M		1	600	1255	2		1
HD38268	5 38 22.6	-69 4 13	FOC/48	SPEC	256X1024-SLIT	G150M		1	2880	1256	2		1
HD38268	5 38 22.6	-69 4 13	FOC/288	IMAGE	512X512	F170M F4ND		1	1800	1255	0		1
HD38268	5 38 22.6	-69 4 13	FOC/288	IMAGE	512X512	F170M F4ND		1	1800	1255	2		1
HD38268	5 38 22.6	-69 4 13	FOC/288	IMAGE	512X512	F190M F2ND		1	1800	1255	2		1
HD38268	5 38 22.6	-69 4 13	FOC/288	IMAGE	512X512	F165W PRISM1		1	1800	1255	2		2
POINT0537-441INCA221 -35	5 38 39.8	-44 16 59	S/C	POINTING	V1			1	0	1532	1		2
POINT0537-441INCA221 -35	5 38 39.8	-44 16 59	S/C	POINTING	V1			1	0	1532	2		1
MK39	5 38 40.2	-69 6 1	HRS	ACCUM	2.0	G140L	1250	1	1080	1215	1		1
MK39	5 38 40.2	-69 6 1	HRS	ACCUM	2.0	G140L	1670	1	2160	1215	1		1
MK39	5 38 40.2	-69 6 1	HRS	ACCUM	2.0	G140L	1420	1	1439	1215	1		1
MK25	5 38 41.5	-69 5 20	HRS	ACCUM	2.0	G140L	1420	1	1860	1215	2		1
MK25	5 38 41.5	-69 5 20	HRS	ACCUM	2.0	G140L	1670	1	2790	1215	2		1
MK25	5 38 41.5	-69 5 20	HRS	ACCUM	2.0	G140L	1250	1	1395	1215	2		1
MK42	5 38 42.1	-69 5 56	HRS	ACCUM	2.0	G140L	1420	1	700	1215	1		1
MK42	5 38 42.1	-69 5 56	HRS	ACCUM	2.0	G140L	1250	1	525	1215	1		1
MK42	5 38 42.1	-69 5 56	HRS	ACCUM	2.0	G140L	1670	1	1050	1215	1		1
30DOR-STARS	5 38 42.1	-69 5 43*	PC	IMAGE	ALL	F284W		1	0	1215	0	ACQ	1
30DOR-STARS	5 38 42.1	-69 5 43*	WFC	IMAGE	ALL	F502N		1	600	1215	0	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
30DOR-STARS	5 38 42.1	-69 5 43*	WFC	IMAGE	ALL	F487N		1	600	1215	1		1
30DOR-STARS	5 38 42.1	-69 5 43*	WFC	IMAGE	ALL	F673N		1	600	1215	1		1
30DOR-STARS	5 38 42.1	-69 5 43*	PC	IMAGE	ALL	F517N		1	0	1215	0	ACQ	1
R136A3	5 38 42.8	-69 6 3*	HRS	IMAGE	0.25	MIRROR-N1		1	81	1188	1		1
R136A3	5 38 42.8	-69 6 3*	HRS	ACCUM	0.25	G140L	1350	1	600	1188	1		1
R136A3	5 38 42.8	-69 6 3*	HRS	ACCUM	0.25	G140L	1630	1	600	1188	1		1
R136A3	5 38 42.8	-69 6 3*	HRS	ACQ/PEAK	0.25	MIRROR-N1		1	46	1188	1	ACQ	1
R136A4	5 38 42.8	-69 6 2*	HRS	IMAGE	0.25	MIRROR-N1		1	81	1188	3		1
R136A4	5 38 42.8	-69 6 2*	HRS	ACCUM	0.25	G140L	1350	1	600	1188	3		1
R136A4	5 38 42.8	-69 6 2*	HRS	ACCUM	0.25	G140L	1630	1	600	1188	3		1
R136A4	5 38 42.8	-69 6 2*	HRS	ACQ/PEAK	0.25	MIRROR-N1		1	46	1188	3	ACQ	1
HD38268	5 38 42.9	-69 6 3	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G140L	1500	1	300	1188	0		1
R136A1	5 38 42.9	-69 6 3	HRS	IMAGE	0.25	MIRROR-N2		1	81	1188	0		1
R136A1	5 38 42.9	-69 6 3	HRS	IMAGE	0.25	MIRROR-N1		1	81	1188	1		1
R136A1	5 38 42.9	-69 6 3	HRS	IMAGE	0.25	MIRROR-N2		1	81	1188	2		1
R136A1	5 38 42.9	-69 6 3	HRS	IMAGE	0.25	MIRROR-N1		1	81	1188	3		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G140L	1250	1	300	1188	0		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G140L	1350	1	300	1188	1		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G140L	1630	1	300	1188	1		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G140L	1350	1	300	1188	3		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G140L	1630	1	300	1188	3		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G160M	1400	5	200	1188	2		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G160M	1370	5	200	1188	2		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G160M	1560	5	200	1188	2		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G160M	1630	5	200	1188	2		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G160M	1730	5	200	1188	2		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G160M	1535	5	200	1188	2		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G160M	1655	5	200	1188	2		1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G160M	1705	5	200	1188	2		1
R136A1	5 38 42.9	-69 6 3	HRS	ACQ/PEAK	0.25	MIRROR-N1		1	46	1188	1	ACQ	1
R136A1	5 38 42.9	-69 6 3	HRS	ACQ/PEAK	0.25	MIRROR-N1		1	46	1188	3	ACQ	1
R136A1	5 38 42.9	-69 6 3	HRS	ACCUM	0.25	G140L	1750	1	401	1188	0		1
R136NEW	5 38 42.9	-69 6 3*	HRS	IMAGE	0.25	MIRROR-N1		1	81	1188	3		2
R136NEW	5 38 42.9	-69 6 3*	HRS	ACCUM	0.25	G140L	1350	1	750	1188	3		2
R136NEW	5 38 42.9	-69 6 3*	HRS	ACCUM	0.25	G140L	1630	1	750	1188	3		2
R136NEW	5 38 42.9	-69 6 3*	HRS	ACQ/PEAK	0.25	MIRROR-N1		1	46	1188	3	ACQ	2
R136A2	5 38 42.9	-69 6 3*	HRS	IMAGE	0.25	MIRROR-N1		1	81	1188	3		1
R136A2	5 38 42.9	-69 6 3*	HRS	ACCUM	0.25	G140L	1350	1	300	1188	3		1
R136A2	5 38 42.9	-69 6 3*	HRS	ACCUM	0.25	G140L	1630	1	300	1188	3		1
R136A2	5 38 42.9	-69 6 3*	HRS	ACQ/PEAK	0.25	MIRROR-N1		1	46	1188	3	ACQ	1
R136A5	5 38 42.9	-69 6 3*	HRS	IMAGE	0.25	MIRROR-N1		1	81	1188	3		1
R136A5	5 38 42.9	-69 6 3*	HRS	ACCUM	0.25	G140L	1350	1	300	1188	3		1
R136A5	5 38 42.9	-69 6 3*	HRS	ACCUM	0.25	G140L	1630	1	300	1188	3		1
R136A5	5 38 42.9	-69 6 3*	HRS	ACQ/PEAK	0.25	MIRROR-N1		1	46	1188	3	ACQ	1
R136B	5 38 43.3	-69 6 4*	HRS	IMAGE	0.25	MIRROR-N1		1	81	1188	1		1
R136B	5 38 43.3	-69 6 4*	HRS	ACCUM	0.25	G140L	1350	1	600	1188	1		1
R136B	5 38 43.3	-69 6 4*	HRS	ACCUM	0.25	G140L	1630	1	600	1188	1		1
R136B	5 38 43.3	-69 6 4*	HRS	ACQ/PEAK	0.25	MIRROR-N1		1	46	1188	1	ACQ	1
R136-LMC	5 38 43.4	-69 6 5	PC	IMAGE	ALL	F555W		1	10	1121	0	ACQ	1
R136-LMC	5 38 43.4	-69 6 5	PC	IMAGE	ALL	F336W		1	0	1121	1		1
R136-LMC	5 38 43.4	-69 6 5	PC	IMAGE	ALL	F469N		1	40	1121	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
R136-LMC	5 38 43.4	-69 6 5	PC	IMAGE	ALL	F555W		1	1	1121	1		1
R136-LMC	5 38 43.4	-69 6 5	PC	IMAGE	ALL	F656N		1	70	1121	1		1
R136-LMC	5 38 43.4	-69 6 5	PC	IMAGE	ALL	F850LP		1	3	1121	1		1
R136-LMC	5 38 43.4	-69 6 5	PC	IMAGE	ALL	F702W		1	2	1121	0		1
R136-LMC	5 38 43.4	-69 6 5	PC	IMAGE	ALL	F702W		1	2	1121	1		1
R136C	5 38 43.4	-69 6 5*	HRS	IMAGE	0.25	MIRROR-N1		1	81	1188	1		1
R136C	5 38 43.4	-69 6 5*	HRS	ACCUM	0.25	G140L	1350	1	600	1188	1		1
R136C	5 38 43.4	-69 6 5*	HRS	ACCUM	0.25	G140L	1630	1	600	1188	1		1
R136C	5 38 43.4	-69 6 5*	HRS	ACQ/PEAK	0.25	MIRROR-N1		1	46	1188	1	ACQ	1
0537-441INCA221-35	5 38 49.8	-44 5 9	FGS	POS	2	F583W		1	51	1532	1		6
0537-441INCA221-35	5 38 49.8	-44 5 9	FGS	POS	2	F583W		1	51	1532	2		3
PKS0537-441	5 38 49.8	-44 5 4	HSP/UV2	STAR-SKY	0.4-C	F140LP		1	60	1099	1		10
A0535+26	5 38 54.6	26 18 57	HSP/UV1	PRISM	1.0	F248M/F135W		1	3000	1091	1		1
LMC-X-3	5 38 56.5	-64 5 1	HSP/VIS	SINGLE	1.0	F160LP		3	600	1094	1		1
LMC-X-3	5 38 56.5	-64 5 1	FOS/BL	ACQ/BINA	4.3	MIRROR		1	50	1151	1	ACQ	1
LMC-X-3	5 38 56.5	-64 5 1	FOS/BL	ACQ/BINA	4.3	MIRROR		1	50	1151	2	ACQ	1
LMC-X-3	5 38 56.5	-64 5 1	FOS/BL	ACCUM	0.5	G130H	1379	1	600	1151	1		1
LMC-X-3	5 38 56.5	-64 5 1	FOS/BL	ACCUM	0.5	G130H	1379	1	600	1151	2		1
LMC-X-3	5 38 56.5	-64 5 1	FOS/BL	ACCUM	0.5	G190H	1938	1	360	1151	1		1
LMC-X-3	5 38 56.5	-64 5 1	FOS/BL	ACCUM	0.5	G270H	2766	1	240	1151	1		1
LMC-X-3	5 38 56.5	-64 5 1	FOS/BL	ACCUM	0.5	G190H	1938	1	360	1151	2		1
LMC-X-3	5 38 56.5	-64 5 1	FOS/BL	ACCUM	0.5	G270H	2766	1	240	1151	2		1
LMCX-3	5 38 56.5	-64 5 1	HSP/UV1	PEAKUP	10.0	F140LP		1	60	1097	2	ACQ	1
LMCX-3	5 38 56.5	-64 5 1	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1097	2	ACQ	10
LMCX-3	5 38 56.5	-64 5 1	HSP/POL	STAR-SKY	POL0	F277M		1	33	1097	2		100
LMCX-3	5 38 56.5	-64 5 1	HSP/UV1	STAR-SKY	1.0-B	F220W		1	60	1097	2		1
LMCX-3	5 38 56.5	-64 5 1	HSP/UV2	STAR-SKY	1.0-A	F145M		1	60	1097	2		1
LMCX-3	5 38 56.5	-64 5 1	HSP/UV2	STAR-SKY	1.0-A	F284M		1	60	1097	2		1
LMCX-3	5 38 56.5	-64 5 1	HSP/UV2	STAR-SKY	1.0-B	F184W		1	60	1097	2		1
LMCX-3	5 38 56.5	-64 5 1	HSP/UV2	STAR-SKY	1.0-B	F248M		1	60	1097	2		10
LMCX-3	5 38 56.5	-64 5 1	HSP/POL	STAR-SKY	POL45	F277M		1	33	1097	2		100
LMCX-3	5 38 56.5	-64 5 1	HSP/POL	STAR-SKY	POL90	F277M		1	33	1097	2		100
LMCX-3	5 38 56.5	-64 5 1	HSP/POL	STAR-SKY	POL135	F277M		1	33	1097	2		100
LMC-X-1	5 39 38.7	-69 44 36	HRS	ACCUM	0.25	G140L	1520	1	900	1151	2		2
LMC-PULSAR	5 40 11.0	-69 19 57	WFC	IMAGE	ALL	F555W		2	600	1101	1	ACQ	1
LMC-PULSAR	5 40 11.0	-69 19 57	HSP/UV1	SINGLE	1.0	F135W		1	3600	1101	1		4
LMC-PULSAR	5 40 11.0	-69 19 57	HSP/UV1	SINGLE	1.0	F218M		1	3600	1101	1		4
LMC-PULSAR	5 40 11.0	-69 19 57	HSP/VIS	SINGLE	1.0	F551W		1	3600	1101	1		4
0540-69.3	5 40 11.1	-69 19 58	WFC	IMAGE	ALL	F502N		1	500	1048	2	ACQ	1
0540-69.3	5 40 11.1	-69 19 58	WFC	IMAGE	ALL	F517N		1	200	1048	2	ACQ	1
0540-69.3P1	5 40 11.1	-69 19 58*	FOS/BL	ACCUM	1.0-PAIR	G130H		1	800	1048	2		1
0540-69.3P1	5 40 11.1	-69 19 58*	FOS/BL	ACCUM	1.0-PAIR	G190H		1	500	1048	2		1
0540-69.3P1	5 40 11.1	-69 19 58*	FOS/RD	ACCUM	1.0-PAIR	G270H		1	300	1048	2		1
0540-69.3P1	5 40 11.1	-69 19 58*	FOS/RD	ACCUM	1.0-PAIR	G400H		1	300	1048	2		1
0540-69.3P1	5 40 11.1	-69 19 58*	FOS/RD	ACCUM	1.0-PAIR	G570H		1	300	1048	2		1
STAR3-OFFSET	5 40 11.1	-69 19 58*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1048	2	ACQ	1
R50CTR	5 40 29.3	-7 28 12	WFC	IMAGE	ALL	F702W		1	100	1121	3	ACQ	1
R50CTR	5 40 29.3	-7 28 12	WFC	IMAGE	ALL	F702W		2	400	1121	3		2
HD37742	5 40 45.5	-1 56 34	HRS	ACCUM	0.25	ECH-A	1260	1	60	1168	3		1
HD37742	5 40 45.5	-1 56 34	HRS	ACCUM	0.25	ECH-A	1275	1	60	1168	3		1
HD37742	5 40 45.5	-1 56 34	HRS	ACCUM	0.25	ECH-A	1355	1	60	1168	3		1
HD37742	5 40 45.5	-1 56 34	HRS	ACCUM	0.25	ECH-B	2325	1	60	1168	3		1

Target	RA(2ØØØ)	Dec(2ØØØ)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1476	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1477	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1478	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1276	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1277	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	13Ø2	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1329	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1327	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1328	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1354	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1356	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1391	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1392	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-A	1393	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-B	2324	1	6Ø	1168	3		1
HD37742	5 4Ø 45.5	-1 56 34	HRS	ACCUM	Ø.25	ECH-B	2326	1	6Ø	1168	3		1
3C147	5 42 36.1	49 51 7	FOC/96	IMAGE	512X512	F19ØM		1	6ØØ	1228	2		1
3C147	5 42 36.1	49 51 7	FOC/48	IMAGE	512X512	F18ØLP		1	6ØØ	1228	2	CON	1
3C147	5 42 36.1	49 51 7	FOC/288	IMAGE	512X512	F37ØLP		1	3ØØ	1228	2		1
3C147	5 42 36.1	49 51 7	FOC/48	SPEC	256X1Ø24-SLIT	GRAT-PRISM		1	12ØØ	1228	2	CON	1
LMC-WS38	5 42 36.9	-7Ø 9 32	PC	IMAGE	ALL	F5Ø2N		1	15Ø	1Ø46	Ø	ACQ	1
LMC-WS38	5 42 36.9	-7Ø 9 32	PC	IMAGE	ALL	F664N		1	15Ø	1Ø46	Ø	ACQ	1
LMC-WS38	5 42 36.9	-7Ø 9 32	FOS/BL	ACCUM	Ø.3	G16ØL		1	36Ø	1Ø46	2		1
LMC-WS38	5 42 36.9	-7Ø 9 32	FOS/BL	ACCUM	1.Ø	G13ØH		1	36Ø	1Ø46	2		1
LMC-WS38	5 42 36.9	-7Ø 9 32	FOS/BL	ACCUM	1.Ø	G19ØH		1	36Ø	1Ø46	2		1
LMC-WS38	5 42 36.9	-7Ø 9 32	FOS/RD	ACCUM	Ø.3	PRISM		1	48Ø	1Ø46	2		1
LMC-WS38	5 42 36.9	-7Ø 9 32	FOS/RD	ACCUM	1.Ø	G27ØH		1	36Ø	1Ø46	2		1
LMC-WS38-OFFSET-STAR	5 42 36.9	-7Ø 9 32*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1Ø46	2	ACQ	1
HD39Ø14	5 44 46.5	-65 44 8	FOC/288	OCC	512X1Ø24-FØ.4	F12ØM		1	6ØØ	1275	1		1
HD39Ø14	5 44 46.5	-65 44 8	FOC/288	OCC	512X1Ø24-FØ.4	F275W		1	3ØØ	1275	1		1
HD39Ø14	5 44 46.5	-65 44 8	FOC/288	OCC	512X512-FØ.4	F486N F6ND		1	1ØØ	1275	1		1
HD39Ø14	5 44 46.5	-65 44 8	FOC/288	OCC	512X1Ø24-FØ.4	F275W F2ND		1	6ØØ	1275	1		1
HD39Ø14	5 44 46.5	-65 44 8	FOC/288	OCC	512X1Ø24-FØ.4	F275W POLØ		1	3ØØ	1275	1		1
HD39Ø14	5 44 46.5	-65 44 8	FOC/288	OCC	512X1Ø24-FØ.4	F342W POLØ		1	3ØØ	1275	2		1
HD39Ø14	5 44 46.5	-65 44 8	FOC/288	OCC	512X1Ø24-FØ.4	F486N F8ND		1	1ØØ	1275	2		1
HD39Ø14	5 44 46.5	-65 44 8	FOC/288	OCC	512X1Ø24-FØ.4	F275W POL6Ø		1	3ØØ	1275	1		1
HD39Ø14	5 44 46.5	-65 44 8	FOC/288	OCC	512X1Ø24-FØ.4	F342W POL6Ø		1	3ØØ	1275	2		1
HD39Ø14	5 44 46.5	-65 44 8	FOC/288	OCC	512X1Ø24-FØ.4	F275W POL12Ø		1	3ØØ	1275	1		1
HD39Ø14	5 44 46.5	-65 44 8	FOC/288	OCC	512X1Ø24-FØ.4	F342W POL12Ø		1	3ØØ	1275	2		1
SK-67-266	5 45 42.6	-67 14 58	HSP/UV2	PRISM	1.Ø	F262M/F145M		1	18ØØ	1Ø95	1		2
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-B	237Ø	1	3Ø	1Ø71	Ø		1
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-A	124Ø	1	66	1Ø71	Ø		1
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-A	1252	1	54	1Ø71	Ø		1
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-A	153Ø	1	12Ø	1Ø71	Ø		1
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-A	13Ø3	1	48	1Ø71	Ø		1
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-A	1334	1	66	1Ø71	Ø		1
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-A	1356	1	114	1Ø71	Ø		1
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-A	1392	1	132	1Ø71	Ø		1
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-A	1191	1	36	1Ø71	Ø		1
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-A	1547	1	138	1Ø71	Ø		1
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-B	18Ø5	1	54	1Ø71	Ø		1
HD38666	5 45 59.9	-32 18 22	HRS	WSCAN	Ø.25	ECH-B	26Ø2	1	48	1Ø71	Ø		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
CAL87	5 46 3.1	-71 8 15	FOS/BL	ACQ/BINA	4.3	MIRROR		1	100	1151	1	ACQ	3
CAL87	5 46 3.1	-71 8 15	FOS/BL	ACCUM	0.5	G160L	1836	1	600	1151	1		3
HD38678	5 46 57.2	-14 49 20	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD38678	5 46 57.2	-14 49 20	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD38678	5 46 57.2	-14 49 20	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD38678	5 46 57.2	-14 49 20	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	G270M	2070	1	28	1171	1		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	G270M	2350	1	28	1171	1		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	G270M	2750	1	28	1171	1		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	G270M	2984	1	55	1171	1		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	ECH-B20	2799	1	110	1171	1		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	ECH-B22	2603	1	110	1171	1		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	ECH-B24	2483	1	110	1171	1		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	ECH-B28	2027	1	55	1171	1		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	ECH-B25	2263	1	55	1171	1		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	ECH-B	3083	1	110	1171	1		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	G160M	1554	1	710	1171	1		1
HD39060	5 47 17.0	-51 3 59	HRS	ACCUM	0.25	ECH-B20	2854	1	110	1171	1		1
BETA-PIC	5 47 17.1	-51 4 4	PC	IMAGE	ALL	F555W		1	2	1122	0		2
BETA-PIC	5 47 17.1	-51 4 4	PC	IMAGE	ALL	F555W		1	1200	1122	0		2
BETA-PIC	5 47 17.1	-51 4 4	WFC	IMAGE	ALL	F555W		1	80	1122	3		2
BETA-PIC	5 47 17.1	-51 4 4	WFC	IMAGE	ALL	F555W		1	4000	1122	3		2
HD39060	5 47 17.1	-51 3 59	FOS/RD	ACCUM	0.3	PRISM	5000	1	40	1287	2		1
HD39060	5 47 17.1	-51 3 59	FOC/96	OCC	512X512-F0.4	F140W		1	120	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/96	OCC	512X512-F0.4	F600M		1	1200	1287	0		1
HD39060	5 47 17.1	-51 3 59	FOC/96	OCC	512X512-F0.8	F342W		1	1200	1287	0		1
HD39060	5 47 17.1	-51 3 59	FOC/96	OCC	512X512-F0.8	F600M		1	1200	1287	0		1
HD39060	5 47 17.1	-51 3 59	FOC/96	OCC	512X512-F0.4	F342W		1	1200	1287	0	ACQ	1
HD39060	5 47 17.1	-51 3 59	FOC/48	SPEC	256X1024-SLIT	G450M		1	900	1275	1		2
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X1024-F0.4	F120M		1	600	1275	1		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X1024-F0.4	F275W		1	300	1275	1		1
HD39060	5 47 17.1	-51 3 59	FOC/96	OCC	512X512-F0.4	F120M F2ND		1	600	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/96	OCC	512X512-F0.4	F486N F8ND		1	100	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/96	OCC	512X512-F0.4	F2ND F307M		1	1200	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/96	OCC	512X512-F0.4	F342W F4ND		1	540	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/96	OCC	512X512-F0.4	F342W F6ND		1	180	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X512-F0.4	F486N F6ND		1	100	1275	1		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X512-F0.4	F195W F4ND		1	900	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X512-F0.4	F195W F6ND		1	600	1275	2		2
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X512-F0.4	F342W F6ND		1	900	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X512-F0.4	F342W POL0		1	900	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X512-F0.4	F120M F2ND		1	1200	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X512-F0.4	F342W POL60		1	900	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X1024-F0.4	F275W F2ND		1	600	1275	1		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X1024-F0.4	F275W POL0		1	300	1275	1		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X512-F0.4	F220W	2200	1	2000	1287	2		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X512-F0.4	F342W POL120		1	900	1275	2		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X1024-F0.4	F275W POL60		1	300	1275	1		1
HD39060	5 47 17.1	-51 3 59	FOC/288	OCC	512X1024-F0.4	F275W POL120		1	300	1275	1		1
HD39060	5 47 17.1	-51 3 59	FOC/48	SPEC	256X1024-SLIT	F180LP GRATING		1	900	1275	1		2
HD39060-OFF1	5 47 17.1	-51 3 59*	FOS/RD	ACCUM	0.3	PRISM	5000	1	600	1287	2		1
HD39060-OFF2	5 47 17.1	-51 3 59*	FOS/RD	ACCUM	0.3	PRISM	5000	1	600	1287	2		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD39060-OFF3	5 47 17.1	-51 3 59*	FOS/RD	ACCUM	0.3	PRISM	5000	1	600	1287	2		1
HD39060-OFF4	5 47 17.1	-51 3 59*	FOS/RD	ACCUM	0.3	PRISM	5000	1	600	1287	2		1
HD39060-OFF5	5 47 17.1	-51 3 59*	FOS/RD	ACCUM	0.3	PRISM	5000	1	600	1287	2		1
HD39060-OFF6	5 47 17.1	-51 3 59*	FOS/RD	ACCUM	0.3	PRISM	5000	1	600	1287	2		1
NGC2121-BKGRD	5 47 21.3	-71 33 23*	WFC	IMAGE	ALL	F555W		1	20	1113	3		1
NGC2121-BKGRD	5 47 21.3	-71 33 23*	WFC	IMAGE	ALL	F555W		1	200	1113	3		1
NGC2121-BKGRD	5 47 21.3	-71 33 23*	WFC	IMAGE	ALL	F555W		1	2200	1113	3		1
NGC2121-BKGRD	5 47 21.3	-71 33 23*	WFC	IMAGE	ALL	F785LP		1	20	1113	3		1
NGC2121-BKGRD	5 47 21.3	-71 33 23*	WFC	IMAGE	ALL	F785LP		1	200	1113	3		1
NGC2121-BKGRD	5 47 21.3	-71 33 23*	WFC	IMAGE	ALL	F785LP		1	2200	1113	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1260	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1275	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1355	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-B	2325	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1476	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1477	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1478	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1276	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1277	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1302	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1329	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1327	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1328	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1354	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1356	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1391	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1392	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-A	1393	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-B	2324	1	60	1168	3		1
HD38771	5 47 45.3	-9 40 11	HRS	ACCUM	0.25	ECH-B	2326	1	60	1168	3		1
HD38771	5 47 45.4	-9 40 11	HRS	ACCUM	0.25	ECH-A	1360	4	3600	1069	2		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-A	1240	1	39	1071	0		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-A	1252	1	32	1071	0		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-A	1530	1	72	1071	0		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-B	2370	1	18	1071	0		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-A	1303	1	28	1071	0		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-A	1334	1	39	1071	0		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-A	1356	1	68	1071	0		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-A	1392	1	79	1071	0		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-A	1191	1	21	1071	0		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-A	1547	1	82	1071	0		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-B	1805	1	32	1071	0		1
HD38771	5 47 45.4	-9 40 11	HRS	WSCAN	0.25	ECH-B	2602	1	28	1071	0		1
NGC2121	5 48 10.9	-71 28 51	WFC	IMAGE	ALL	F555W		1	20	1113	2		1
NGC2121	5 48 10.9	-71 28 51	WFC	IMAGE	ALL	F555W		1	200	1113	2		1
NGC2121	5 48 10.9	-71 28 51	WFC	IMAGE	ALL	F555W		1	2200	1113	2		1
NGC2121	5 48 10.9	-71 28 51	WFC	IMAGE	ALL	F785LP		1	20	1113	2		1
NGC2121	5 48 10.9	-71 28 51	WFC	IMAGE	ALL	F785LP		1	200	1113	2		1
NGC2121	5 48 10.9	-71 28 51	WFC	IMAGE	ALL	F785LP		1	2200	1113	2		1
HD38899	5 49 32.8	12 39 5	HRS	ACCUM	0.25	ECH-B	1942	1	258	1182	2		1
PKS0548-322	5 50 41.9	-32 16 11	HSP/POL	SINGLE	POL0	F277M		1	60	1099	3		5
PKS0548-322	5 50 41.9	-32 16 11	HSP/POL	SINGLE	POL45	F277M		1	60	1099	3		5

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PKS0548-322	5 50 41.9	-32 16 11	HSP/POL	SINGLE	POL90	F277M		1	60	1099	3		5
PKS0548-322	5 50 41.9	-32 16 11	HSP/POL	SINGLE	POL135	F277M		1	60	1099	3		5
PKS0548-322	5 50 41.9	-32 16 11	HSP/UV2	STAR-SKY	0.4	F140LP		1	60	1099	3		10
LP658-2	5 55 9.5	-4 10 7	FOS/BL	ACCUM	0.5	PRISM	3675	1	300	1050	0		1
LP658-2	5 55 9.5	-4 10 7	FOS/BL	ACCUM	0.5	G160L	1725	1	4500	1050	0		1
LP658-2	5 55 9.5	-4 10 7	FOS/BL	ACCUM	0.5	G270H	2766	1	1200	1050	0		1
LP658-2	5 55 9.5	-4 10 7	FOS/BL	ACQ/BINA	4.3	MIRROR		1	3	1050	0	ACQ	1
HD39801	5 55 10.2	7 24 25	FOC/288	IMAGE	256X256	F152M F165W		1	1200	1252	1		2
HD39801	5 55 10.2	7 24 25	FOC/288	IMAGE	256X256	F220W F231M F2ND		1	1200	1252	1		2
HD39801	5 55 10.2	7 24 25	PC	IMAGE	ALL-ND	F547M POL0		2	60	1063	2		1
HD39801	5 55 10.2	7 24 25	PC	IMAGE	ALL-ND	F547M POL0		2	600	1063	2		1
HD39801	5 55 10.2	7 24 25	PC	IMAGE	ALL-ND	F547M POL0		2	0	1063	2		1
HD39801	5 55 10.2	7 24 25	PC	IMAGE	ALL-ND	F547M POL60		2	60	1063	2		1
HD39801	5 55 10.2	7 24 25	PC	IMAGE	ALL-ND	F547M POL60		2	600	1063	2		1
HD39801	5 55 10.2	7 24 25	PC	IMAGE	ALL-ND	F547M POL60		2	0	1063	2		1
HD39801	5 55 10.2	7 24 25	PC	IMAGE	ALL-ND	F547M POL120		2	60	1063	2		1
HD39801	5 55 10.2	7 24 25	PC	IMAGE	ALL-ND	F547M POL120		2	600	1063	2		1
HD39801	5 55 10.2	7 24 25	PC	IMAGE	ALL-ND	F547M POL120		2	0	1063	2		1
HD39801	5 55 10.2	7 24 25	HRS	ACCUM	0.25	ECH-B	2799	6	600	1063	1		1
HD39801	5 55 10.2	7 24 25	FOS/RD	ACCUM	0.5	G270H	2759	1	12	1063	2		1
HD39801	5 55 10.2	7 24 25	FOS/RD	ACQ/PEAK	0.5	G270H	2759	1	1	1063	2	ACQ	1
HD39801	5 55 10.2	7 24 25	FOS/RD	ACQ/PEAK	4.3	G270H	2759	1	1	1063	2	ACQ	1
HD39801-A	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G270H	2759	1	420	1063	2		1
HD39801-A	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G570H	5691	1	420	1063	2		1
HD39801-B	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G270H	2759	1	420	1063	2		1
HD39801-B	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G570H	5691	1	420	1063	2		1
HD39801-C	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G270H	2759	1	420	1063	2		1
HD39801-C	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G570H	5691	1	420	1063	2		1
HD39801-D	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G270H	2759	1	420	1063	2		1
HD39801-D	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G570H	5691	1	420	1063	2		1
HD39801-E	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G270H	2759	1	420	1063	2		1
HD39801-E	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G570H	5691	1	420	1063	2		1
HD39801-F	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G270H	2759	1	420	1063	2		1
HD39801-F	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G570H	5691	1	420	1063	2		1
HD39801-G	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G270H	2759	1	420	1063	2		1
HD39801-G	5 55 10.2	7 24 25*	FOS/RD	ACCUM	0.5	G570H	5691	1	420	1063	2		1
HD39801	5 55 10.3	7 24 25	FOC/288	IMAGE	256X256	F140W F165W		1	720	1250	3		2
HD39801	5 55 10.3	7 24 25	FOC/288	IMAGE	256X256	F170M F175W		1	720	1250	3		2
HD39801	5 55 10.3	7 24 25	FOC/288	OCC	512X512-F0.4	F278M F320W		1	1500	1250	2		2
HD39801	5 55 10.3	7 24 25	FOC/288	OCC	512X512-F0.4	F307M F320W		1	1800	1250	2		2
HD39801	5 55 10.3	7 24 25	FOC/288	IMAGE	256X256	F278M F320W F8ND		1	900	1250	2		4
HD39801	5 55 10.3	7 24 25	FOC/288	IMAGE	256X256	F307M F320W F8ND		1	900	1250	2		4
HD39801	5 55 10.3	7 24 25	FOC/288	OCC	512X512-F0.4	F278M F320W F8ND		1	120	1250	2		2
HD39801	5 55 10.3	7 24 25	FOC/288	OCC	512X512-F0.4	F278M F320W F8ND		1	120	1250	2	ACQ	2
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	G140L	1550	1	354	1195	0		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	G140L	1800	1	708	1195	0		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	G200M	1655	1	300	1195	0		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	G140L	1314	1	600	1195	0		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	G200M	1994	1	468	1195	0		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3050	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3120	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3190	1	160	1199	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2610	1	250	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2745	1	160	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2484	1	200	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3036	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3064	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3078	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3092	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3106	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3134	1	110	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3148	1	120	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3162	1	140	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3176	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B18	3204	1	170	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	2916	1	110	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2757	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2782	1	130	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2808	1	110	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2820	1	110	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2845	1	120	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2871	1	120	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2883	1	125	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	2942	1	100	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	2969	1	100	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	0.25	ECH-B20	2759	1	192	1195	0		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	0.25	ECH-B20	2772	1	192	1195	0		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	0.25	ECH-B20	2799	1	55	1195	0		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	0.25	ECH-B21	2736	1	192	1195	0		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	0.25	ECH-B22	2596	1	192	1195	0		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	0.25	ECH-B24	2327	1	762	1195	0		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	2902	1	120	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	2995	1	120	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	3022	1	140	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2602	1	320	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2614	1	270	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2626	1	240	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2638	1	210	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2650	1	170	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2662	1	140	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2674	1	110	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2686	1	120	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2698	1	130	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2710	1	140	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2722	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2734	1	160	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B21	2746	1	170	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2495	1	180	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2541	1	110	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2564	1	165	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2575	1	240	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2587	1	245	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2621	1	260	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	2929	1	100	1199	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	2955	1	90	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	2982	1	110	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	2876	1	135	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	2889	1	130	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	3008	1	130	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B19	3035	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2732	1	170	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2770	1	140	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2795	1	120	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2833	1	120	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B20	2858	1	120	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2506	1	160	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2518	1	150	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2529	1	130	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2552	1	160	1199	2		1
HD39801	5 55 10.3	7 24 25	HRS	ACCUM	2.0	ECH-B22	2598	1	250	1199	2		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-B	2370	1	30	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-A	1240	1	66	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-A	1252	1	54	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-A	1530	1	120	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-A	1303	1	48	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-A	1334	1	66	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-A	1356	1	114	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-A	1392	1	132	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-A	1558	1	114	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-B	1826	1	60	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-A	1191	1	36	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-A	1547	1	138	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-B	1805	1	54	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-B	2024	1	36	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-B	2324	1	276	1071	3		1
HD40111	5 57 59.7	25 57 14	HRS	WSCAN	0.25	ECH-B	2602	1	48	1071	3		1
HD41511	6 4 59.0	-16 29 4	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD41511	6 4 59.0	-16 29 4	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD41511	6 4 59.0	-16 29 4	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD41511	6 4 59.0	-16 29 4	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
INCA221-37-AST1	6 8 23.8	-15 35 57	FGS	POS	2	F550W		1	60	1013	0	CON PAR	1
INCA221-37-AST1	6 8 23.8	-15 35 57	FGS	POS	2	F550W		1	60	1013	2	CON PAR	1
INCA221-37-AST1	6 8 23.8	-15 35 57	FGS	POS	2	F550W		1	120	1013	0	CON PAR	1
INCA221-37-AST1	6 8 23.8	-15 35 57	FGS	POS	2	F550W		1	120	1013	2	CON PAR	1
INCA221-37-AST2	6 9 0.2	-15 37 39	FGS	POS	2	F550W		1	2	1013	0	CON PAR	1
INCA221-37-AST2	6 9 0.2	-15 37 39	FGS	POS	2	F550W		1	2	1013	2	CON PAR	1
INCA221-37	6 9 7.2	-15 42 6	PC	IMAGE	P8	F658N		1	2	1013	0	CON	1
INCA221-37	6 9 7.2	-15 42 6	PC	IMAGE	P8	F658N		1	2	1013	2	CON	1
0607-157INCA221-37	6 9 40.9	-15 42 40	PC	IMAGE	P8	F606W		1	60	1013	0	CON	1
0607-157INCA221-37	6 9 40.9	-15 42 40	PC	IMAGE	P8	F606W		1	60	1013	2	CON	1
0607-157INCA221-37	6 9 40.9	-15 42 40	PC	IMAGE	P8	F725LP		1	120	1013	0	CON	1
0607-157INCA221-37	6 9 40.9	-15 42 40	PC	IMAGE	P8	F725LP		1	120	1013	2	CON	1
PKS0607-157	6 9 41.2	-15 42 44	FOC/96	IMAGE	512X512	F430W		1	1800	1234	0		1
PKS0607-157	6 9 41.2	-15 42 44	FOC/96	IMAGE	512X512	F342W		1	1800	1234	2		1
LMC-WS40	6 10 25.4	-67 56 20	PC	IMAGE	ALL	F502N		1	150	1046	0	ACQ	1
LMC-WS40	6 10 25.4	-67 56 20	PC	IMAGE	ALL	F664N		1	150	1046	0	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
LMC-WS40	6 10 25.4	-67 56 20	FOS/BL	ACCUM	0.3	G160L		1	360	1046	2		1
LMC-WS40	6 10 25.4	-67 56 20	FOS/BL	ACCUM	1.0	G130H		1	360	1046	2		1
LMC-WS40	6 10 25.4	-67 56 20	FOS/BL	ACCUM	1.0	G190H		1	360	1046	2		1
LMC-WS40	6 10 25.4	-67 56 20	FOS/RD	ACCUM	0.3	PRISM		1	480	1046	2		1
LMC-WS40	6 10 25.4	-67 56 20	FOS/RD	ACCUM	1.0	G270H		1	360	1046	2		1
LMC-WS40-OFFSET-STAR	6 10 25.4	-67 56 20*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1046	2	ACQ	1
FLD-H11	6 14 22.1	-69 50 52	PC	IMAGE	ALL	F555W		1	1500	1295	1	PAR	1
FLD-H11	6 14 22.1	-69 50 52	PC	IMAGE	ALL	F785LP		1	600	1295	1	PAR	1
FLD-H11	6 14 22.1	-69 50 52	PC	IMAGE	ALL	F785LP		1	1500	1295	1	PAR	1
HODGE11	6 14 23.1	-69 50 48	WFC	IMAGE	ALL	F555W		1	20	1113	1		1
HODGE11	6 14 23.1	-69 50 48	WFC	IMAGE	ALL	F555W		1	200	1113	1		1
HODGE11	6 14 23.1	-69 50 48	WFC	IMAGE	ALL	F555W		1	2200	1113	1		1
HODGE11	6 14 23.1	-69 50 48	WFC	IMAGE	ALL	F785LP		1	20	1113	1		1
HODGE11	6 14 23.1	-69 50 48	WFC	IMAGE	ALL	F785LP		1	200	1113	1		1
HODGE11	6 14 23.1	-69 50 48	WFC	IMAGE	ALL	F785LP		1	2200	1113	1		1
H11-OFF	6 14 24.6	-69 50 52*	FOC/96	IMAGE	512X1024	F342W		1	600	1295	2		1
H11-OFF	6 14 24.6	-69 50 52*	FOC/96	IMAGE	512X1024	F430W		1	1500	1295	2		1
H11-OFF	6 14 24.6	-69 50 52*	FOC/96	IMAGE	512X1024	F480LP		1	1500	1295	2		1
HODGE11-BKGRD	6 14 43.7	-70 1 39*	WFC	IMAGE	ALL	F555W		1	20	1113	3		1
HODGE11-BKGRD	6 14 43.7	-70 1 39*	WFC	IMAGE	ALL	F555W		1	200	1113	3		1
HODGE11-BKGRD	6 14 43.7	-70 1 39*	WFC	IMAGE	ALL	F555W		1	2200	1113	3		1
HODGE11-BKGRD	6 14 43.7	-70 1 39*	WFC	IMAGE	ALL	F785LP		1	20	1113	3		1
HODGE11-BKGRD	6 14 43.7	-70 1 39*	WFC	IMAGE	ALL	F785LP		1	200	1113	3		1
HODGE11-BKGRD	6 14 43.7	-70 1 39*	WFC	IMAGE	ALL	F785LP		1	2200	1113	3		1
MKN3	6 15 36.2	71 2 15	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
MKN3	6 15 36.2	71 2 15	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	600	1227	2		1
MRK3	6 15 36.3	71 2 15	PC	IMAGE	ALL	F194W		1	900	1036	0	ACQ	1
MRK3	6 15 36.3	71 2 15	PC	IMAGE	ALL	F375N		1	900	1036	0	ACQ	1
MRK3	6 15 36.3	71 2 15	PC	IMAGE	ALL	F502N		1	900	1036	0	ACQ	1
MRK3	6 15 36.3	71 2 15	PC	IMAGE	ALL	F664N		3	300	1036	0	ACQ	1
MRK3	6 15 36.3	71 2 15	PC	IMAGE	ALL	F230W		1	720	1036	0	ACQ	1
MRK3	6 15 36.3	71 2 15	PC	IMAGE	ALL	F547M		1	180	1036	0	ACQ	1
MRK3	6 15 36.3	71 2 15	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1	SEL	1
MRK3	6 15 36.3	71 2 15	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1	SEL	1
MRK3	6 15 36.3	71 2 15	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1	SEL	1
MRK3	6 15 36.3	71 2 15	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1	SEL	1
MRK3	6 15 36.3	71 2 15	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1	SEL	1
MRK3	6 15 36.3	71 2 15	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	1	ACQ SEL	1
MRK3	6 15 36.3	71 2 15	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
MRK3	6 15 36.3	71 2 15	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
MRK3-CLOUD1	6 15 36.3	71 2 15*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1	SEL	1
MRK3-CLOUD1	6 15 36.3	71 2 15*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1	SEL	1
MRK3-CLOUD1	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1	SEL	1
MRK3-CLOUD1	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1	SEL	1
MRK3-CLOUD1	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1	SEL	1
MRK3-CLOUD2	6 15 36.3	71 2 15*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1	SEL	1
MRK3-CLOUD2	6 15 36.3	71 2 15*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1	SEL	1
MRK3-CLOUD2	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1	SEL	1
MRK3-CLOUD2	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1	SEL	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MRK3-CLOUD2	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1	SEL	1
MRK3-CLOUD3	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
MRK3-CLOUD3	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
MRK3-CLOUD3	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
MRK3-CLOUD3	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
MRK3-CLOUD3	6 15 36.3	71 2 15*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	CON SEL	1
MRK3-CLOUD3	6 15 36.3	71 2 15*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	CON SEL	1
MRK3-CLOUD4	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
MRK3-CLOUD5	6 15 36.3	71 2 15*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
MKN3	6 15 36.3	71 2 15	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
MKN3	6 15 36.3	71 2 15	FOC/288	IMAGE	512X512	F320W		1	600	1228	1		1
MKN3	6 15 36.3	71 2 15	FOC/288	IMAGE	512X512	F372M		1	900	1228	1		1
MKN3	6 15 36.3	71 2 15	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
MKN3	6 15 36.3	71 2 15	FOC/96	IMAGE	512X512	F152M	1500	1	400	1228	1		1
MKN3	6 15 36.3	71 2 15	FOC/96	IMAGE	512X512	F502M	4950	1	400	1228	1		1
MKN3	6 15 36.3	71 2 15	FOC/96	IMAGE	512X512	F120M	1215	1	400	1228	1		1
MKN3	6 15 36.3	71 2 15	FOC/96	IMAGE	512X512	F190M	1975	1	400	1228	1		1
MKN3	6 15 36.3	71 2 15	FOC/96	IMAGE	512X512	F501N	5010	1	400	1228	1		1
MKN3	6 15 36.3	71 2 15	FOC/96	IMAGE	512X512	F550M	5470	1	400	1228	1		1
MKN3	6 15 36.3	71 2 15	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
OFFMKN3	6 15 36.3	71 2 15*	WFC	IMAGE	ALL	F664N		1	900	1228	1	PAR	1
NGC2146-QSO	6 18 42.5	78 21 26	FOS/BL	ACCUM	0.5	G270H		1	2000	1043	3		1
NGC2146-QSO	6 18 42.5	78 21 26	FOS/BL	ACCUM	0.5	G130H		4	2000	1043	3		1
NGC2146-QSO	6 18 42.5	78 21 26	FOS/BL	ACQ/BINA	4.3	MIRROR		1	26	1043	3	ACQ	1
IC2165	6 21 42.8	-12 58 44	WFC	IMAGE	ALL	F284W		1	200	1108	2		1
IC2165	6 21 42.8	-12 58 44	WFC	IMAGE	ALL	F439W		1	60	1108	2		1
IC2165	6 21 42.8	-12 58 44	WFC	IMAGE	ALL	F622W		1	30	1108	2		1
IC2165	6 21 42.8	-12 58 44	WFC	IMAGE	ALL	F157W		1	360	1108	2		1
IC2165	6 21 42.8	-12 58 44	WFC	IMAGE	ALL	F336W		1	180	1108	2		1
IC2165	6 21 42.8	-12 58 44	WFC	IMAGE	ALL	F517N		1	180	1108	2		1
A0620-00	6 22 44.6	-0 20 44	HSP/VIS	SINGLE	1.0	F160LP		3	600	1094	1		1
NGC2257-BKGRD	6 29 1.0	-64 11 46*	WFC	IMAGE	ALL	F555W		1	20	1113	3		1
NGC2257-BKGRD	6 29 1.0	-64 11 46*	WFC	IMAGE	ALL	F555W		1	200	1113	3		1
NGC2257-BKGRD	6 29 1.0	-64 11 46*	WFC	IMAGE	ALL	F555W		1	2200	1113	3		1
NGC2257-BKGRD	6 29 1.0	-64 11 46*	WFC	IMAGE	ALL	F785LP		1	20	1113	3		1
NGC2257-BKGRD	6 29 1.0	-64 11 46*	WFC	IMAGE	ALL	F785LP		1	200	1113	3		1
NGC2257-BKGRD	6 29 1.0	-64 11 46*	WFC	IMAGE	ALL	F785LP		1	2200	1113	3		1
NGC2257	6 30 11.6	-64 19 39	WFC	IMAGE	ALL	F555W		1	20	1113	3		1
NGC2257	6 30 11.6	-64 19 39	WFC	IMAGE	ALL	F555W		1	200	1113	3		1
NGC2257	6 30 11.6	-64 19 39	WFC	IMAGE	ALL	F555W		1	2200	1113	3		1
NGC2257	6 30 11.6	-64 19 39	WFC	IMAGE	ALL	F785LP		1	20	1113	3		1
NGC2257	6 30 11.6	-64 19 39	WFC	IMAGE	ALL	F785LP		1	200	1113	3		1
NGC2257	6 30 11.6	-64 19 39	WFC	IMAGE	ALL	F785LP		1	2200	1113	3		1
NGC2237	6 31 40.7	5 11 46	PC	IMAGE	ALL	F656N		1	1800	1072	1		1
INCA221-39	6 34 50.4	-75 13 10	FGS	POS	2	F583W		1	51	1532	1		2
INCA221-39	6 34 50.4	-75 13 10	FGS	POS	2	F583W		1	51	1532	2		2
0637-752INCA221-39	6 35 46.5	-75 16 17	FGS	POS	2	F583W		1	51	1532	1		3
0637-752INCA221-39	6 35 46.5	-75 16 17	FGS	POS	2	F583W		1	51	1532	2		3
POINT0637-752INCA221-39	6 37 16.8	-75 5 54	S/C	POINTING	V1			1	0	1532	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
POINT0637-752INCA221 -39	6 37 16.8	-75 5 54	S/C	POINTING	V1			1	0	1532	2		1
R-MON	6 39 9.8	8 44 9	PC	IMAGE	ALL	F702W		1	0	1121	3	ACQ	1
R-MON	6 39 9.8	8 44 9	PC	IMAGE	ALL-ND	F702W		1	60	1121	3		2
R-MON	6 39 9.8	8 44 9	PC	IMAGE	ALL	F606W POL0		1	50	1121	3		1
R-MON	6 39 9.8	8 44 9	PC	IMAGE	ALL	F606W POL60		1	50	1121	3		1
R-MON	6 39 9.8	8 44 9	PC	IMAGE	ALL	F606W POL120		1	50	1121	3		1
CARINA-064024-5055	6 41 48.5	-50 58 18	WFC	IMAGE	ALL	F555W		1	200	1110	0		1
CARINA-064024-5055	6 41 48.5	-50 58 18	WFC	IMAGE	ALL	F555W		1	2000	1110	0		1
CARINA-064024-5055	6 41 48.5	-50 58 18	WFC	IMAGE	ALL	F785LP		1	200	1110	0		1
CARINA-064024-5055	6 41 48.5	-50 58 18	WFC	IMAGE	ALL	F785LP		1	1700	1110	0		1
HD48329	6 43 55.9	25 7 52	HRS	ACCUM	2.0	G200M	1900	1	480	1177	1		1
HD48329	6 43 55.9	25 7 52	HRS	ACCUM	2.0	G140L	1428	1	480	1177	1		1
HD48915-B	6 45 8.0	-16 43 35	HRS	ACCUM	0.25	G160M	1335	1	45	1214	3		1
HD48915-B	6 45 8.0	-16 43 35	HRS	ACCUM	0.25	G160M	1529	1	45	1214	3		1
HD48915-B	6 45 8.0	-16 43 35	HRS	ACCUM	0.25	G160M	1608	1	45	1214	3		1
HD48915A	6 45 8.8	-16 42 59	PC	IMAGE	ALL	F502N		4	30	1062	1		4
HD48915A	6 45 8.8	-16 42 59	PC	IMAGE	ALL	F631N		4	50	1062	1		4
HD48915A	6 45 8.8	-16 42 59	PC	IMAGE	ALL	F889N		4	50	1062	1		4
HD48915A	6 45 8.8	-16 42 59	PC	IMAGE	ALL	F122M F889N		1	0	1062	1		2
HD48915A	6 45 8.8	-16 42 59	PC	IMAGE	ALL	F122M F889N		1	0	1062	1	ACQ	1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-A	1650	1	600	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	3035	1	147	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-A	1658	1	627	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-A	1666	1	653	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-A	1668	1	525	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-A	1673	1	678	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-A	1676	1	544	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-A	1684	1	562	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-A	1692	1	627	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	2903	1	142	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	2916	1	140	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	2929	1	142	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	2943	1	145	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	2956	1	143	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	2969	1	152	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	2982	1	150	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	2996	1	149	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	2876	1	145	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	2889	1	143	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	3009	1	148	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-B	3022	1	148	1183	2		1
HD48915	6 45 9.0	-16 42 58	HRS	OSCAN	0.25	ECH-A	1681	1	759	1183	2		1
0642+449	6 46 32.0	44 51 17	WFC	IMAGE	ALL	F606W		1	3000	1045	2	ACQ	1
0642+449	6 46 32.0	44 51 17	FOS/RD	ACQ/BINA	4.3	MIRROR		1	26	1045	2	ACQ CON SEL	3
0642+449	6 46 32.0	44 51 18	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
0642+449	6 46 32.1	44 51 16	FOC/288	IMAGE	512X512	F1ND F342W		1	300	1236	0		1
HD50241	6 48 11.4	-61 56 29	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD50241	6 48 11.4	-61 56 29	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD50241	6 48 11.4	-61 56 29	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD50241	6 48 11.4	-61 56 29	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MKN6	6 52 12.3	74 25 38	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
MKN6	6 52 12.3	74 25 38	FOC/288	IMAGE	512X512	F320W		1	600	1228	1		1
MKN6	6 52 12.3	74 25 38	FOC/288	IMAGE	512X512	F372M		1	900	1228	1		1
MKN6	6 52 12.3	74 25 38	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
MKN6	6 52 12.3	74 25 38	FOC/96	IMAGE	512X512	F502M	4950	1	400	1228	1		1
MKN6	6 52 12.3	74 25 38	FOC/96	IMAGE	512X512	F550M	5470	1	500	1228	1		1
MKN6	6 52 12.3	74 25 38	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
OFFMKN6	6 52 12.3	74 25 38*	WFC	IMAGE	ALL	F664N		1	900	1228	1	PAR	1
MK6	6 52 12.3	74 25 38	PC	IMAGE	ALL	F230W		1	1200	1037	1	ACQ	1
MK6	6 52 12.3	74 25 38	FOS/BL	ACCUM	0.3	G160L		1	600	1037	1		1
MK6	6 52 12.3	74 25 38	FOS/RD	ACCUM	0.3	G270H		1	500	1037	1		1
MK6	6 52 12.3	74 25 38	FOS/RD	ACCUM	0.3	G400H		1	300	1037	1		1
MK6	6 52 12.3	74 25 38	FOS/RD	ACCUM	0.3	G570H		1	500	1037	1		1
MK6	6 52 12.3	74 25 38	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1037	1	ACQ	1
MKN6	6 52 12.5	74 25 37	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
MKN6	6 52 12.5	74 25 37	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	600	1227	2		1
3C171	6 55 14.7	54 8 58	FOC/96	IMAGE	512X512	F190M		1	900	1228	1		1
3C171	6 55 14.7	54 8 58	FOC/96	IMAGE	512X512	F152M		1	600	1228	2		1
3C171	6 55 14.7	54 8 58	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C171	6 55 14.7	54 8 58	FOC/96	IMAGE	512X512	F370LP		1	600	1228	1		1
3C171	6 55 14.7	54 8 58	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C171	6 55 14.7	54 8 58	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
PSR0655+64	7 0 37.7	64 18 12	WFC	IMAGE	ALL	F702W		2	900	1101	1	ACQ	1
PSR0655+64	7 0 37.7	64 18 12	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	19187	1101	1		1
HD56139	7 14 48.8	-26 46 22	HRS	ACCUM	0.25	ECH-A	1248	1	30	1147	3		1
HD56139	7 14 48.8	-26 46 22	HRS	ACCUM	0.25	ECH-A	1304	1	30	1147	3		1
HD56405	7 16 14.4	-15 35 8	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD56405	7 16 14.4	-15 35 8	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD56405	7 16 14.4	-15 35 8	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD56405	7 16 14.4	-15 35 8	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-A	1240	1	39	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-A	1252	1	32	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-A	1530	1	72	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-B	2370	1	18	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-A	1303	1	28	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-A	1334	1	39	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-A	1356	1	68	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-A	1392	1	79	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-A	1558	1	68	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-A	1191	1	21	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-A	1547	1	82	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-B	1805	1	32	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-B	1826	1	36	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-B	2024	1	21	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-B	2324	1	168	1071	2		1
HD57060	7 18 40.4	-24 33 32	HRS	WSCAN	0.25	ECH-B	2602	1	28	1071	2		1
FMA1083-10	7 27 55.1	25 52 34	WFC	IMAGE	ALL	F569W		1	0	1083	3	ACQ	2
FMA1083-10	7 27 55.1	25 52 34	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	3		2
3C179	7 28 10.8	67 48 47	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C179	7 28 10.8	67 48 47	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C179	7 28 10.8	67 48 47	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC2392	7 29 10.5	20 54 43	FGS	POS	2	F550W		1	52	1000	0		8
NGC2392	7 29 10.5	20 54 43	FGS	POS	2	F550W		1	52	1000	1		20
NGC2392	7 29 10.5	20 54 43	FGS	POS	2	F550W		1	52	1000	2		20
NGC2392	7 29 10.5	20 54 43	FGS	POS	2	F550W		1	52	2929	0		8
NGC2392	7 29 10.5	20 54 43	FGS	POS	2	F550W		1	52	2929	1		20
NGC2392	7 29 10.5	20 54 43	FGS	POS	2	F550W		1	52	2929	2		20
NGC2392	7 29 10.5	20 54 43	FGS	TRANS	ANY	F583W		1	100	1000	0		1
NGC2392	7 29 10.5	20 54 43	FGS	TRANS	ANY	F583W		1	100	2929	0		1
NGC2392	7 29 10.8	20 54 42	PC	IMAGE	ALL	F157W		1	120	1212	2		1
NGC2392	7 29 10.8	20 54 42	PC	IMAGE	ALL	F194W		1	120	1212	2		1
NGC2392	7 29 10.8	20 54 42	PC	IMAGE	ALL	F437N		1	180	1212	2		1
NGC2392	7 29 10.8	20 54 42	PC	IMAGE	ALL	F469N		1	180	1212	2		1
NGC2392	7 29 10.8	20 54 42	PC	IMAGE	ALL	F487N		1	180	1212	2		1
NGC2392	7 29 10.8	20 54 42	PC	IMAGE	ALL	F502N		1	180	1212	2		1
NGC2392	7 29 10.8	20 54 42	PC	IMAGE	ALL	F517N		1	120	1212	2		1
NGC2392	7 29 10.8	20 54 42	HRS	ACCUM	2.0	G140L	1420	1	60	1212	2		1
NGC2392	7 29 10.8	20 54 42	HRS	ACCUM	2.0	G140L	1250	1	30	1212	2		1
NGC2392	7 29 10.8	20 54 42	HRS	ACCUM	2.0	G160M	1240	1	1200	1212	1		1
NGC2392	7 29 10.8	20 54 42	HRS	ACCUM	2.0	G140L	1670	1	180	1212	2		1
NGC2392-OFFSET	7 29 11.1	20 54 44*	HRS	ACCUM	2.0	G160M	1240	1	1200	1212	3		1
3A0729+103	7 31 29.0	9 56 22	HSP/UV1	PRISM	1.0	F248M/F135W		1	13680	1090	1		1
NGC2403	7 36 48.4	64 35 59	FOC/96	IMAGE	512X512	F275W		1	900	1056	2		1
NGC2403	7 36 48.4	64 35 59	FOC/288	IMAGE	512X512	F275W		1	1800	1056	2	CON SEL	1
NGC2403	7 36 48.4	64 35 59	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	2	CON SEL	1
MKN9	7 36 56.9	58 46 13	FOC/96	IMAGE	512X512	F152M	1500	1	400	1227	2		1
MKN9	7 36 56.9	58 46 13	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	2		1
MKN9	7 36 56.9	58 46 13	FOC/96	IMAGE	512X512	F190M	1975	1	400	1227	2		1
MKN9	7 36 56.9	58 46 13	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	2		1
MKN9	7 36 56.9	58 46 13	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	500	1227	2		1
PKS0735+178	7 38 7.4	17 42 21	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1099	1		10
PKS0735+178	7 38 7.4	17 42 19	WFC	IMAGE	ANY	F128LP		1	1200	1191	1		1
PKS0735+178	7 38 7.4	17 42 19	WFC	IMAGE	ANY	F725LP		1	1800	1191	1		1
PKS0735+178	7 38 7.4	17 42 19	HRS	ACCUM	2.0	G140L	1650	1	7000	1191	2		1
PKS0735+178	7 38 7.4	17 42 19	HRS	ACCUM	2.0	G200M	1900	1	10000	1191	2		1
PKS0735+178	7 38 7.4	17 42 19	HRS	ACCUM	2.0	G270M	2205	1	7500	1191	2		1
PKS0735+178	7 38 7.4	17 42 19	HRS	ACQ/PEAK	2.0	MIRROR-N2		1	5	1191	2		2
PKS0735+178	7 38 7.4	17 42 19	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1191	1	ACQ	1
PKS0735+178	7 38 7.4	17 42 19	FOS/BL	ACCUM	0.5	G160L	1675	1	1000	1191	1		1
POINT0736+017INCA221-42	7 38 30.8	1 34 48	S/C	POINTING	V1			1	0	1532	1		1
POINT0736+017INCA221-42	7 38 30.8	1 34 48	S/C	POINTING	V1			1	0	1532	2		1
INCA221-42	7 38 43.7	1 46 43	FGS	POS	2	F583W		1	51	1532	1		2
INCA221-42	7 38 43.7	1 46 43	FGS	POS	2	F583W		1	51	1532	2		2
HD61421	7 39 15.7	5 12 39	HRS	ACCUM	2.0	G160M	1640	1	600	1176	3		1
HD61421	7 39 15.7	5 12 39	HRS	ACCUM	2.0	G200M	1900	1	90	1176	3		1
HD61421	7 39 15.7	5 12 39	HRS	ACCUM	2.0	G160M	1550	1	220	1176	3		1
HD61421	7 39 15.7	5 12 39	HRS	ACCUM	2.0	G140L	1304	1	80	1176	3		1
HD61421	7 39 15.7	5 12 39	HRS	ACCUM	2.0	G140L	1574	1	80	1176	3		1
HD61421	7 39 15.7	5 12 39	HRS	ACCUM	2.0	G160M	1402	1	460	1176	3		1
HD61421A	7 39 18.0	5 13 29	PC	IMAGE	ALL	F502N		4	160	1062	2		4

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD61421A	7 39 18.0	5 13 29	PC	IMAGE	ALL	F631N		4	230	1062	2		4
HD61421A	7 39 18.0	5 13 29	PC	IMAGE	ALL	F889N		4	180	1062	2		4
HD61421A	7 39 18.0	5 13 29	PC	IMAGE	ALL	F122M F889N		1	0	1062	2		2
HD61421A	7 39 18.0	5 13 29	PC	IMAGE	ALL	F122M F889N		1	0	1062	2	ACQ	1
0736+017INCA221-42	7 39 18.1	1 37 4	FGS	POS	2	F583W		1	51	1532	1		3
0736+017INCA221-42	7 39 18.1	1 37 4	FGS	POS	2	F583W		1	51	1532	2		3
HD61421	7 39 18.1	5 13 30	HRS	ACCUM	0.25	ECH-B	2497	2	600	1064	0		1
HD61421	7 39 18.1	5 13 30	HRS	ACCUM	0.25	G270M	2497	2	90	1064	0		1
LFT-544	7 40 20.8	-17 24 0	WFC	IMAGE	W2	F606W		1	25	1109	1		6
NGC2440-BKG	7 41 52.3	-18 12 29*	HRS	ACCUM	2.0	G140L	1240	1	1200	1212	2		1
NGC2440	7 41 54.4	-18 12 34	WFC	IMAGE	ALL	F157W		1	300	1108	0		1
NGC2440	7 41 54.4	-18 12 34	WFC	IMAGE	ALL	F336W		1	100	1108	0		1
NGC2440	7 41 54.4	-18 12 34	WFC	IMAGE	ALL	F439W		1	60	1108	0		1
NGC2440	7 41 54.4	-18 12 34	WFC	IMAGE	ALL	F622W		1	30	1108	0		1
NGC2440	7 41 54.4	-18 12 34	WFC	IMAGE	ALL	F284W		1	180	1108	0		1
NGC2440	7 41 54.4	-18 12 34	WFC	IMAGE	ALL	F517N		1	180	1108	0		1
NGC2440-STAR	7 41 55.3	-18 12 31	PC	IMAGE	ALL	F517N		1	300	1212	0	ACQ	1
NGC2440-STAR	7 41 55.3	-18 12 31	PC	IMAGE	ALL	F437N		1	180	1212	0	ACQ	1
NGC2440-STAR	7 41 55.3	-18 12 31	PC	IMAGE	ALL	F469N		1	180	1212	0	ACQ	1
NGC2440-STAR	7 41 55.3	-18 12 31	PC	IMAGE	ALL	F487N		1	180	1212	0	ACQ	1
NGC2440-STAR	7 41 55.3	-18 12 31	PC	IMAGE	ALL	F502N		1	180	1212	0	ACQ	1
NGC2440-STAR	7 41 55.3	-18 12 31	HRS	ACCUM	2.0	G140L	1240	1	1800	1212	2		1
MKN79	7 42 32.8	49 48 35	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
MKN79	7 42 32.8	49 48 35	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
MKN79	7 42 32.8	49 48 35	FOC/288	IMAGE	512X512	F372M		1	600	1228	2		1
MKN79	7 42 32.8	49 48 35	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
MKN79	7 42 32.8	49 48 35	FOC/288	IMAGE	512X512	F370LP		1	300	1228	2		1
MKN79	7 42 32.8	49 48 35	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
MKN79	7 42 33.1	49 48 33	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	2		1
MKN79	7 42 33.1	49 48 33	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
MKN79	7 42 33.1	49 48 33	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	400	1227	2		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G270M	2590	1	90	1200	2		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G140L	1390	1	54	1200	1		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G270M	2255	1	222	1200	2		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G160M	1235	18	318	1200	1		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G270M	2044	1	234	1200	2		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G270M	2204	1	258	1200	2		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G270M	2329	1	210	1200	2		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G160M	1553	2	348	1200	1		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G200M	1812	2	210	1200	2		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G160M	1486	3	318	1200	1		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G160M	1268	5	324	1200	1		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G160M	1303	5	294	1200	1		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	ECH-B22	2585	2	270	1200	2		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	ECH-A38	1476	3	1302	1200	1		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G140L	1243	1	125	1200	1		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G270M	2852	1	113	1200	2		1
HD62542	7 42 37.1	-42 13 46	HRS	ACCUM	2.0	G160M	1346	5	311	1200	1		1
MKN78	7 42 41.7	65 10 37	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
MKN78	7 42 41.7	65 10 37	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
MKN78	7 42 41.7	65 10 37	FOC/288	IMAGE	512X512	F372M		1	600	1228	2		1
MKN78	7 42 41.7	65 10 37	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MKN78	7 42 41.7	65 10 37	FOC/288	IMAGE	512X512	F370LP		1	300	1228	2		1
MKN78	7 42 41.7	65 10 37	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
MKN78	7 42 41.8	65 10 35	FOC/96	IMAGE	512X512	F165W	1500	1	600	1227	1		1
MKN78	7 42 41.8	65 10 35	FOC/96	IMAGE	512X512	F502M	4950	1	600	1227	1		1
MKN78	7 42 41.8	65 10 35	FOC/96	IMAGE	512X512	F550M	5470	1	600	1227	1		1
MKN78	7 42 41.8	65 10 35	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
MKN78	7 42 41.8	65 10 35	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	600	1227	2		1
HD62044	7 43 18.7	28 53 0	HRS	ACCUM	SC2	G160M	1360	1	10	1159	1	CAL	1
HD62044	7 43 18.7	28 53 0	HRS	RAPID	2.0	G160M	1360	1	1643	1159	1		1
FMA1083-8	7 43 45.8	24 57 32	WFC	IMAGE	ALL	F569W		1	0	1083	2	ACQ	2
FMA1083-8	7 43 45.8	24 57 32	HSP/PMT/V IS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
HD63077	7 45 35.2	-34 10 23	HRS	ACCUM	0.25	G270M	2497	2	420	1064	3	CON SEL	1
PKS0745-19	7 47 25.4	-19 17 41	FOC/96	IMAGE	512X512	F130M		1	900	1251	2		1
PKS0745-19	7 47 25.4	-19 17 41	FOC/96	IMAGE	512X512	F550M		1	900	1251	2	CON	1
PKS0745-19	7 47 25.4	-19 17 41	FOC/48	SPEC	256X1024-SLIT	F305LP	4000	1	900	1251	2	CON	1
BPM4729	7 53 4.7	-67 47 31	FOS/BL	ACCUM	0.5	PRISM	3675	1	300	1050	0		1
BPM4729	7 53 4.7	-67 47 31	FOS/BL	ACCUM	0.5	G160L	1725	1	1500	1050	0		1
BPM4729	7 53 4.7	-67 47 31	FOS/BL	ACCUM	0.5	G270H	2766	1	1200	1050	0		1
BPM4729	7 53 4.7	-67 47 31	FOS/BL	ACQ/BINA	4.3	MIRROR		1	3	1050	0	ACQ	1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-A	1530	1	48	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-B	2370	1	12	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-A	1303	1	19	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-A	1356	1	45	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-A	1558	1	45	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-A	1240	1	26	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-A	1252	1	21	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-A	1334	1	26	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-A	1392	1	52	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-A	1191	1	14	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-A	1547	1	55	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-B	1826	1	24	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-B	2024	1	14	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-B	2602	1	19	1071	2		1
HD64760	7 53 18.2	-48 6 11	HRS	WSCAN	0.25	ECH-B	1805	1	21	1071	2		1
OI287	7 55 37.1	25 42 39	FOS/RD	ACCUM	0.5	PRISM	5400	1	1440	1029	2		3
OI287	7 55 37.1	25 42 39	FOS/RD	ACQ/BINA	4.3	MIRROR		1	33	1029	2	ACQ	1
OI+090.4	7 57 6.7	9 56 34	HSP/UV2	SINGLE	1.0	F140LP		1	60	1099	2		10
OI+090.4	7 57 6.7	9 56 34	HSP/POL	SINGLE	POL0	F277M		1	60	1099	2		20
OI+090.4	7 57 6.7	9 56 34	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1099	2	ACQ	10
OI+090.4	7 57 6.7	9 56 34	HSP/POL	SINGLE	POL45	F277M		1	60	1099	2		20
OI+090.4	7 57 6.7	9 56 34	HSP/POL	SINGLE	POL90	F277M		1	60	1099	2		20
OI+090.4	7 57 6.7	9 56 34	HSP/POL	SINGLE	POL135	F277M		1	60	1099	2		20
OI090.4	7 57 6.7	9 56 35	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
OI090.4	7 57 6.7	9 56 35	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
OI090.4	7 57 6.7	9 56 35	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		2
OI090.4	7 57 6.7	9 56 35	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		1
OI090.4	7 57 6.7	9 56 35	FOS/BL	ACCUM	0.5	G130H	1379	1	1500	1029	2		1
OI090.4	7 57 6.7	9 56 35	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	1	1029	2	ACQ	1
OI090.4	7 57 6.7	9 56 35	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6337	1	1500	1029	2		1
Q0754+39	7 58 0.1	39 20 30	FOC/96	IMAGE	512X512	F430W		1	1800	1234	0		1
Q0754+39	7 58 0.1	39 20 30	FOC/96	IMAGE	512X512	F342W		1	1800	1234	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FMA1083-7	8 0 46.1	23 17 35	WFC	IMAGE	ALL	F569W		1	0	1083	2	ACQ	2
FMA1083-7	8 0 46.1	23 17 35	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
3C191	8 4 48.0	10 15 24	FOC/96	IMAGE	512X512	F372M		1	900	1228	2		1
3C191	8 4 48.0	10 15 24	FOC/96	IMAGE	512X512	F430W		1	600	1228	2		1
3C191	8 4 48.0	10 15 24	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C191	8 4 48.0	10 15 24	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
Z-CHA	8 7 28.6	-76 32 1	HSP/UV1	SINGLE	1.0	F135W		1	7200	1092	1		20
0805+046	8 7 57.5	4 32 35	FOC/288	IMAGE	512X512	F342W		1	300	1236	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-A	1530	1	48	1071	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-B	2370	1	12	1071	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-A	1303	1	19	1071	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-A	1356	1	45	1071	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-A	1240	1	26	1071	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-A	1252	1	21	1071	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-A	1334	1	26	1071	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-A	1392	1	52	1071	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-A	1191	1	14	1071	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-A	1547	1	55	1071	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-B	2602	1	19	1071	0		1
HD68273	8 9 32.0	-47 20 12	HRS	WSCAN	0.25	ECH-B	1805	1	21	1071	0		1
3C196	8 13 36.0	48 13 3	PC	IMAGE	ALL	F606W		1	1200	1058	2		1
3C196	8 13 36.1	48 13 2	WFC	IMAGE	ANY	F128LP		1	1200	1193	1		1
3C196	8 13 36.1	48 13 2	FOS/RD	ACCUM	1.0	G160L	1675	1	1000	1193	1		1
3C196	8 13 36.1	48 13 2	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1193	1	ACQ	1
3C196	8 13 36.1	48 13 2	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1193	2	ACQ	1
3C196	8 13 36.1	48 13 2	FOS/RD	ACCUM	1.0	G190H	1943	1	4000	1193	2		1
AI-VEL	8 14 5.1	-44 34 32	HSP/VIS	PRISM	1.0	F551W/F240W		1	10800	1103	0		1
RX-PUP	8 14 12.3	-41 42 29	FOC/96	IMAGE	512X512	F278M		1	600	1253	1		1
RX-PUP	8 14 12.3	-41 42 29	FOC/96	IMAGE	512X512	F501N		1	600	1253	1		1
VV-PUP	8 15 6.6	-19 3 5	HRS	ACCUM	2.0	G140L	1520	1	300	1155	2		8
PKS0812+020	8 15 22.8	1 55 6	FOC/96	IMAGE	512X512	F170M		1	600	1228	2		1
PKS0812+020	8 15 22.8	1 55 6	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
PKS0812+020	8 15 22.8	1 55 6	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
0812+020	8 15 22.9	1 54 59	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
0812+020	8 15 23.1	1 55 9	FOC/96	IMAGE	512X512	F480LP		1	1740	1058	1		1
HD70060	8 18 33.3	-36 39 34	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD70060	8 18 33.3	-36 39 34	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD70060	8 18 33.3	-36 39 34	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD70060	8 18 33.3	-36 39 34	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
OJ-131	8 20 57.4	-12 58 59	HSP/UV2	STAR-SKY	0.4-C	F140LP		1	60	1099	2		10
0824+110	8 27 6.5	10 52 24	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
POINT0826-373INCA221-45	8 27 17.4	-37 38 50	S/C	POINTING	V1			1	0	1532	2		2
0826-373INCA221-45	8 28 4.8	-37 31 6	FGS	POS	2	F583W		1	51	1532	2		7
INCA221-45	8 28 12.3	-37 43 49	FGS	POS	2	F583W		1	51	1532	2		4
PSR0833-45	8 35 20.7	-45 10 36	WFC	IMAGE	ALL	F555W		2	600	1101	1	ACQ	1
PSR0833-45	8 35 20.7	-45 10 36	HSP/UV1	SINGLE	1.0	F135W		1	3600	1101	1		4
PSR0833-45	8 35 20.7	-45 10 36	HSP/UV1	SINGLE	1.0	F218M		1	3600	1101	1		4
PSR0833-45	8 35 20.7	-45 10 36	HSP/VIS	SINGLE	1.0	F551W		1	3600	1101	1		4
BD+67D552	8 36 30.7	67 17 40	FGS	TRANS	ANY	F583W		1	1000	1003	0		2
BD+67D552	8 36 30.7	67 17 40	FGS	TRANS	ANY	F583W		1	1000	1003	1		2

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
BD+67D552	8 36 30.7	67 17 40	FGS	TRANS	ANY	F583W		1	1000	1003	2		1
3C205	8 39 6.5	57 54 17	PC	IMAGE	ALL	F606W		1	1200	1058	2		1
3C205	8 39 6.5	57 54 17	PC	IMAGE	ALL	F128LP		1	2125	1032	2	ACQ	1
3C205	8 39 6.5	57 54 17	PC	IMAGE	ALL	F850LP		1	2125	1032	2	ACQ	1
3C205	8 39 6.5	57 54 17	FOS/RD	ACCUM	0.5	G650L		1	840	1032	2	CON SEL	1
3C205	8 39 6.5	57 54 17	FOS/RD	ACCUM	0.5	PRISM		1	840	1032	2	CON SEL	1
3C205	8 39 6.5	57 54 17	FOS/RD	ACQ/BINA	4.3	MIRROR		1	6	1032	2	ACQ CON	1
3C205	8 39 6.5	57 54 17	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	7659	1032	2	CON SEL	1
3C205	8 39 6.5	57 54 17	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	7659	1032	2	CON SEL	1
3C205	8 39 6.5	57 54 17	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	30	1032	2	ACQ CON	1
SKY7	8 39 6.5	57 54 17*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	2125	1032	2	PAR	2
3C206	8 39 50.6	-12 14 34	WFC	IMAGE	ALL	F725LP		1	12	1116	3		1
3C206	8 39 50.6	-12 14 34	WFC	IMAGE	ALL	F725LP		1	1700	1116	3		1
3C206	8 39 50.6	-12 14 34	WFC	IMAGE	ALL	F725LP		1	212	1116	3		1
4C29.30	8 40 2.7	29 49 12	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
4C29.30	8 40 2.7	29 49 12	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
4C29.30	8 40 2.7	29 49 12	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
4C29.30	8 40 2.7	29 49 12	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
4C29.30	8 40 2.7	29 49 12	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
BD+19D0886	8 41 7.4	19 4 16	WFC	IMAGE	ALL	F569W		1	0	1082	1	ACQ	2
BD+19D0886	8 41 7.4	19 4 16	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		2
EIN1	8 45 29.7	18 49 3	FGS	POS	2	F5ND		1	52	1010	1		1
EIN1	8 45 29.7	18 49 3	FGS	POS	2	F5ND		1	52	1010	1	CON	20
0843+136	8 45 47.3	13 28 59	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
Q0844+37	8 47 16.1	37 32 17	FOC/96	IMAGE	512X512	F430W		1	1800	1234	0		1
Q0844+37	8 47 16.1	37 32 17	FOC/96	IMAGE	512X512	F342W		1	1800	1234	2		1
Q0844+37	8 47 16.1	37 32 17	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	9000	1234	1	CON	1
FJ1083-6	8 48 4.3	18 37 44	WFC	IMAGE	ALL	F569W		1	0	1083	1	ACQ	2
FJ1083-6	8 48 4.3	18 37 44	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	1		2
KK-28.1	8 48 52.9	44 17 58*	WFC	IMAGE	ALL	F785LP		1	3599	1282	1	PAR	1
LYNX3-210	8 49 29.6	44 17 56	FOC/48	IMAGE	512X1024	F130LP		2	1799	1282	2		1
0846+100	8 49 40.1	9 49 21	FOS/RD	ACQ/BINA	4.3	MIRROR		1	25	1154	0	ACQ	1
0846+100	8 49 40.1	9 49 21	FOS/RD	ACCUM	2.0-BAR	G650L	6000	1	1800	1154	0		2
F193	8 51 35.8	11 53 35	FOS/RD	ACCUM	0.5-PAIR	G570H		1	100	1040	1		1
F193	8 51 35.8	11 53 35	FOS/RD	ACCUM	0.25-PAIR	G570H		1	100	1040	1		1
F193	8 51 35.8	11 53 35	FOS/RD	ACQ/BINA	4.3	MIRROR		1	0	1040	1	ACQ	2
NGC2681-NUC	8 53 32.9	51 18 50	PC	IMAGE	ALL	F555W		1	23	1118	2		1
NGC2681-NUC	8 53 32.9	51 18 50	PC	IMAGE	ALL	F555W		1	230	1118	2		1
NGC2681-NUC	8 53 32.9	51 18 50	PC	IMAGE	ALL	F785LP		1	20	1118	2		1
NGC2681-NUC	8 53 32.9	51 18 50	PC	IMAGE	ALL	F785LP		1	200	1118	2		1
NGC2681	8 53 33.0	51 18 54	FOC/96	IMAGE	512X512	F275W		1	900	1056	2		1
NGC2681	8 53 33.0	51 18 54	FOC/288	IMAGE	512X512	F275W		1	1800	1056	2	CON SEL	1
NGC2681	8 53 33.0	51 18 54	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	2	CON SEL	1
BD+18D0917	8 53 56.0	18 14 1	WFC	IMAGE	ALL	F569W		1	0	1082	1	ACQ	2
BD+18D0917	8 53 56.0	18 14 1	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		2
INCA221-50	8 54 0.6	20 13 49	FGS	POS	2	F5ND		1	51	1532	2		5
POINT-CP13.2	8 54 5.3	-6 44 27	S/C	POINTING	V1			1	0	1014	1	CON	1
POINT0851+202INCA221-50	8 54 47.1	20 18 17	S/C	POINTING	V1			1	0	1532	2		2

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
0851+202INCA221-50	8 54 48.9	20 6 32	FGS	POS	2	F550W		1	51	1532	2		7
OJ287	8 54 48.9	20 6 30	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1029	1	ACQ	1
OJ287	8 54 48.9	20 6 30	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1029	1	ACQ	1
OJ287	8 54 48.9	20 6 30	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	1		2
OJ287	8 54 48.9	20 6 30	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	1		1
OJ287	8 54 48.9	20 6 30	FOS/BL	ACCUM	0.5	G130H	1379	1	1500	1029	1		1
OJ287	8 54 48.9	20 6 30	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	1	1029	1	ACQ	1
OJ287	8 54 48.9	20 6 30	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6337	1	1500	1029	1		1
OJ+287	8 54 48.9	20 6 31	HSP/UV2	STAR-SKY	0.4-C	F140LP		1	60	1099	1		10
POINT-CP13.1	8 55 40.4	-6 44 40	S/C	POINTING	V1			1	0	1014	1		1
HD76932	8 58 43.9	-16 7 58	HRS	ACCUM	0.25	G270M	2497	2	1380	1064	3		1
HD77581	9 2 6.8	-40 33 18	HRS	ACCUM	0.25	G160M	1390	1	180	1152	2		3
HD77581	9 2 6.8	-40 33 18	HRS	ACCUM	0.25	G160M	1545	1	120	1152	2		3
4U0900-40	9 2 6.8	-40 33 17	HSP/UV1	PRISM	1.0	F248M/F135W		1	3000	1091	1		1
HD77581	9 2 6.9	-40 33 17	HSP/UV1	SINGLE	1.0	F220W		1	20	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/UV2	SINGLE	1.0	F145M		1	20	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/UV2	SINGLE	1.0	F184W		1	20	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/UV2	SINGLE	1.0	F248M		1	20	1097	0		10
HD77581	9 2 6.9	-40 33 17	HSP/UV2	SINGLE	1.0	F284M		1	20	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/POL	PEAKUP	6.0	F160LP		1	60	1097	0	ACQ	1
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL0	F216M		1	30	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL0	F237M		1	30	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL0	F277M		1	30	1097	0		10
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL0	F327M		1	30	1097	0		10
HD77581	9 2 6.9	-40 33 17	HSP/UV1	PEAKUP	10.0	F140LP		1	60	1097	0	ACQ	1
HD77581	9 2 6.9	-40 33 17	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1097	0	ACQ	9
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL45	F216M		1	30	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL45	F237M		1	30	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL45	F277M		1	30	1097	0		10
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL45	F327M		1	30	1097	0		10
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL90	F216M		1	30	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL90	F237M		1	30	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL90	F277M		1	30	1097	0		10
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL90	F327M		1	30	1097	0		10
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL135	F216M		1	30	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL135	F237M		1	30	1097	0		1
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL135	F277M		1	30	1097	0		10
HD77581	9 2 6.9	-40 33 17	HSP/POL	SINGLE	POL135	F327M		1	30	1097	0		10
Q0903+176	9 6 38.2	17 22 24	FOS/RD	ACCUM	1.0	PRISM		1	300	1146	2		1
Q0903+176	9 6 38.2	17 22 24	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
Q0903+176	9 6 38.2	17 22 24	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
Q0903+176	9 6 38.2	17 22 24	FOS/BL	ACCUM	1.0	G160L	1837	1	600	1146	2		1
HD78316	9 7 44.8	10 40 4	HRS	WSCAN	0.25	G270M	2535	1	1052	1182	2		1
HD78316	9 7 44.8	10 40 4	HRS	ACCUM	0.25	ECH-A	1362	1	381	1182	2		1
HD78316	9 7 44.8	10 40 4	HRS	ACCUM	0.25	ECH-B	1942	1	203	1182	2		1
HD78316	9 7 44.8	10 40 4	HRS	ACCUM	0.25	ECH-B	1849	1	244	1182	2		1
HD78316	9 7 44.8	10 40 4	HRS	ACCUM	0.25	ECH-B	2536	1	141	1182	2		1
HD78316	9 7 44.8	10 40 4	HRS	ACCUM	0.25	G160M	1268	1	127	1182	2		1
HD78316	9 7 44.8	10 40 4	HRS	ACCUM	0.25	G270M	3131	1	99	1182	2		1
HD78316	9 7 44.8	10 40 4	HRS	WSCAN	0.25	G200M	1859	1	473	1182	2		1
HD78316	9 7 44.8	10 40 4	HRS	WSCAN	0.25	G160M	1499	1	1088	1182	2		1
HD78647	9 7 59.8	-43 25 57	HRS	ACCUM	2.0	G200M	1994	1	600	1195	3		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD78647	9 7 59.8	-43 25 57	HRS	ACCUM	2.0	G140L	1314	1	762	1195	3		1
HD78647	9 7 59.8	-43 25 57	HRS	ACCUM	0.25	ECH-B20	2759	1	330	1195	3		1
HD78647	9 7 59.8	-43 25 57	HRS	ACCUM	0.25	ECH-B20	2772	1	330	1195	3		1
HD78647	9 7 59.8	-43 25 57	HRS	ACCUM	0.25	ECH-B24	2327	1	384	1195	3		1
HD78647	9 7 59.8	-43 25 57	HRS	ACCUM	0.25	ECH-B20	2799	1	136	1195	3		1
3C217	9 8 50.8	37 48 19	WFC	IMAGE	ALL	F622W		1	2700	1070	1		1
3C217	9 8 50.8	37 48 19	WFC	IMAGE	ALL	F850LP		1	2700	1070	1		1
3C216	9 9 33.5	42 53 46	FOC/96	IMAGE	512X512	F210M		1	600	1228	2		1
3C216	9 9 33.5	42 53 46	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C216	9 9 33.5	42 53 46	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C216	9 9 33.5	42 53 46	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
OFFSET-0906+484	9 10 9.2	48 13 43*	FOS/RD	ACCUM	2.0-BAR	PRISM	3675	1	1800	1154	2		1
0906+484	9 10 10.0	48 13 42	FOS/RD	ACCUM	4.3	G650L	6000	1	30	1154	2		1
0906+484	9 10 10.0	48 13 42	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1154	2	ACQ	1
0906+484	9 10 10.0	48 13 42	FOS/RD	ACCUM	2.0-BAR	G650L	6000	1	1800	1154	2		1
INCA221-53	9 15 33.2	29 47 33	FGS	POS	2	F583W		1	51	1570	1		2
INCA221-53	9 15 33.2	29 47 33	FGS	POS	2	F583W		1	51	1570	2		2
0912+297INCA221-53	9 15 52.4	29 33 24	FGS	POS	2	F583W		1	51	1570	1		3
0912+297INCA221-53	9 15 52.4	29 33 24	FGS	POS	2	F583W		1	51	1570	2		3
NGC2815-NUC	9 16 19.6	-23 38 0	PC	IMAGE	ALL	F785LP		1	11	1118	3		1
NGC2815-NUC	9 16 19.6	-23 38 0	PC	IMAGE	ALL	F785LP		1	110	1118	3		1
NGC2815-NUC	9 16 19.6	-23 38 0	PC	IMAGE	ALL	F555W		1	15	1118	3		1
NGC2815-NUC	9 16 19.6	-23 38 0	PC	IMAGE	ALL	F555W		1	153	1118	3		1
POINT0912+297INCA221-53	9 16 27.4	29 42 49	S/C	POINTING	V1			1	0	1570	1		1
POINT0912+297INCA221-53	9 16 27.4	29 42 49	S/C	POINTING	V1			1	0	1570	2		1
MKN704	9 18 25.6	16 18 20	FOC/96	IMAGE	512X512	F152M	1500	1	400	1227	2		1
MKN704	9 18 25.6	16 18 20	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	2		1
MKN704	9 18 25.6	16 18 20	FOC/96	IMAGE	512X512	F190M	1975	1	400	1227	2		1
MKN704	9 18 25.6	16 18 20	FOC/96	IMAGE	512X512	F501N	5010	1	400	1227	2		1
MKN704	9 18 25.6	16 18 20	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	2		1
MKN704	9 18 25.6	16 18 20	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	500	1227	2		1
NGC2841	9 22 1.7	50 58 31	FOC/96	IMAGE	512X512	F275W		1	900	1056	1		1
NGC2841	9 22 1.7	50 58 31	FOC/288	IMAGE	512X512	F275W		1	1800	1056	2	CON SEL	1
NGC2841	9 22 1.7	50 58 31	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	2	CON SEL	1
G117-B15A	9 24 16.5	35 16 54	HSP/UV1	PRISM	1.0	F248M/F135W		1	36000	1093	1		1
PG0923+201	9 25 54.8	19 54 7	WFC	IMAGE	ALL	F702W		1	1000	1015	2		1
SKY-BG18	9 25 54.8	19 54 7*	FOS/RD	ACCUM	1.0	G650L	6232	1	1000	1015	1	PAR	1
POINT-CP1.2	9 31 16.7	-7 10 49	S/C	POINTING	V1			1	0	1014	1	CON	1
NGC2903-170S-131W	9 32 0.3	21 27 13*	WFC	IMAGE	ALL	F336W		1	2300	1119	1		1
NGC2903-170S-131W	9 32 0.3	21 27 13*	WFC	IMAGE	ALL	F555W		1	2300	1119	1		12
NGC2903-170S-131W	9 32 0.3	21 27 13*	WFC	IMAGE	ALL	F785LP		1	2300	1119	1		4
POINT-CP1.1	9 32 28.5	-7 26 37	S/C	POINTING	V1			1	0	1014	1		1
HD82328	9 32 53.4	51 40 38	HRS	ACCUM	0.25	ECH-B	2497	2	1500	1064	0		1
HD82328	9 32 53.4	51 40 38	HRS	ACCUM	0.25	G270M	2497	2	240	1064	0		1
IZW18	9 34 2.1	55 14 27	PC	IMAGE	ALL	F850LP		1	2500	1246	2		1
IZW18	9 34 2.1	55 14 27	FOC/96	IMAGE	512X512	F342W		1	1000	1246	2		1
IZW18	9 34 2.1	55 14 27	FOC/96	IMAGE	512X512	F165W		1	2200	1246	2		1
Q0932+501	9 35 53.0	49 53 15	FOS/RD	ACCUM	1.0	PRISM		1	300	1146	2		1
Q0932+501	9 35 53.0	49 53 15	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
Q0932+501	9 35 53.0	49 53 15	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
Q0932+501	9 35 53.0	49 53 15	FOS/BL	ACCUM	1.0	G160L	1837	1	600	1146	2		1
GAL-CLUS-093942+471306-FLD2	9 42 37.6	46 58 16*	WFC	IMAGE	ALL	F555W		1	2200	1115	3		1
GAL-CLUS-093942+471306-FLD2	9 42 37.6	46 58 16*	WFC	IMAGE	ALL	F702W		1	2200	1115	3		1
GAL-CLUS-093942+471306-FLD3	9 42 51.0	47 0 50*	WFC	IMAGE	ALL	F555W		1	2200	1115	3		1
GAL-CLUS-093942+471306-FLD3	9 42 51.0	47 0 50*	WFC	IMAGE	ALL	F702W		1	2200	1115	3		1
GAL-CLUS-093942+471306-FLD1	9 42 56.6	46 58 50	WFC	IMAGE	ALL	F555W		1	2200	1115	3		1
GAL-CLUS-093942+471306-FLD1	9 42 56.6	46 58 50	WFC	IMAGE	ALL	F702W		1	2200	1115	3		1
3C226	9 44 16.5	9 46 16	WFC	IMAGE	ALL	F555W		1	2700	1070	1		1
3C226	9 44 16.5	9 46 16	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
NGC2992	9 45 42.3	-14 19 40	FOC/96	IMAGE	512X512	F486N	4870	1	400	1227	2		1
NGC2992	9 45 42.3	-14 19 40	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	2		1
NGC2992	9 45 42.3	-14 19 40	FOC/96	IMAGE	512X512	F190M	1975	1	400	1227	2		1
NGC2992	9 45 42.3	-14 19 40	FOC/96	IMAGE	512X512	F501N	5010	1	400	1227	2		1
NGC2992	9 45 42.3	-14 19 40	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	2		1
NGC2992	9 45 42.3	-14 19 40	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
NGC2992	9 45 42.3	-14 19 40	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	400	1227	2		1
3C227	9 47 45.1	7 25 20	FOC/96	IMAGE	512X512	F130M		1	2400	1233	1		1
3C227	9 47 45.1	7 25 20	FOC/96	IMAGE	512X512	F152M		1	1800	1233	1		1
POINT-CP12.2	9 50 27.8	12 58 11	S/C	POINTING	V1			1	0	1014	2	CON	1
PG0947+396	9 50 48.4	39 26 51	WFC	IMAGE	ALL	F702W		1	1000	1015	2		1
SKY-BG19	9 50 48.4	39 26 51*	FOS/RD	ACCUM	1.0	G650L	6232	1	1000	1015	1	PAR	1
POINT-CP12.1	9 51 34.3	12 40 11	S/C	POINTING	V1			1	0	1014	2		1
HD85376	9 51 53.0	24 23 43	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD85376	9 51 53.0	24 23 43	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD85376	9 51 53.0	24 23 43	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD85376	9 51 53.0	24 23 43	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
GAL-CLUS-094949+440848	9 52 56.0	43 55 8	WFC	IMAGE	ALL	F555W		1	2200	1115	1		1
GAL-CLUS-094949+440848	9 52 56.0	43 55 8	WFC	IMAGE	ALL	F702W		1	2200	1115	1		1
GAL-CLUS-094949+440848	9 52 56.0	43 55 8	WFC	IMAGE	ALL	F555W		2	2300	1115	1		1
GAL-CLUS-094949+440848	9 52 56.0	43 55 8	WFC	IMAGE	ALL	F702W		2	2300	1115	1		1
0952+179	9 54 56.9	17 43 32	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
PKS0952+179	9 54 56.9	17 43 31	FOC/96	IMAGE	512X512	F152M		1	1800	1233	2		1
PKS0952+179	9 54 56.9	17 43 31	FOC/96	IMAGE	512X512	F231M		1	1200	1233	2		1
NGC3031-OFFSET-STARS-FIELD	9 55 32.7	69 4 1*	WFC	IMAGE	ALL	F606W		1	15	1038	0	ACQ	1
NGC3031-POS-B3	9 55 33.0	69 3 56*	FOS/RD	ACCUM	0.5-PAIR	G570H		1	360	1044	2	CON	1
NGC3031-POS-B2	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	555	1044	2		1
NGC3031-POS-B1	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	335	1044	2	CON	1
M81	9 55 33.1	69 3 56	FOC/96	IMAGE	512X512	F550M		1	600	1055	0		1
M81	9 55 33.1	69 3 56	FOC/96	IMAGE	512X512	F486N		1	1200	1055	0		1
M81	9 55 33.1	69 3 56	FOC/288	IMAGE	512X512	F278M		1	1800	1055	1		1
M81	9 55 33.1	69 3 56	FOC/288	IMAGE	512X512	F372M		1	1800	1055	1		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
M81	9 55 33.1	69 3 56	FOC/48	SPEC	256X1024-SLIT	F430W		1	1800	1055	1		1
M81	9 55 33.1	69 3 56	FOC/48	SPEC	256X1024-SLIT	F430W		1	5400	1055	1	CON	1
M81	9 55 33.1	69 3 56	FOC/48	IMAGE	128X128-ASLIT	F430W		1	100	1055	1	ACQ	1
NGC3031	9 55 33.1	69 3 56	PC	IMAGE	ALL	F194W		1	900	1038	0	ACQ	1
NGC3031	9 55 33.1	69 3 56	PC	IMAGE	ALL	F375N		1	900	1038	0	ACQ	1
NGC3031	9 55 33.1	69 3 56	PC	IMAGE	ALL	F502N		1	900	1038	0	ACQ	1
NGC3031	9 55 33.1	69 3 56	PC	IMAGE	ALL	F664N		3	900	1038	0	ACQ	1
NGC3031	9 55 33.1	69 3 56	PC	IMAGE	ALL	F230W		1	720	1038	0	ACQ	1
NGC3031	9 55 33.1	69 3 56	PC	IMAGE	ALL	F547M		1	180	1038	0	ACQ	1
NGC3031	9 55 33.1	69 3 56	FOS/BL	ACCUM	0.3	G130H		1	600	1038	1		1
NGC3031	9 55 33.1	69 3 56	FOS/BL	ACCUM	0.3	G190H		1	300	1038	1		1
NGC3031	9 55 33.1	69 3 56	FOS/RD	ACCUM	0.3	G270H		1	300	1038	1		1
NGC3031	9 55 33.1	69 3 56	FOS/RD	ACCUM	0.3	G400H		1	300	1038	1		1
NGC3031	9 55 33.1	69 3 56	FOS/RD	ACCUM	0.25-PAIR	G570H		1	300	1044	2		1
NGC3031-CLOUD1	9 55 33.1	69 3 56*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	1		1
NGC3031-CLOUD1	9 55 33.1	69 3 56*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	1		1
NGC3031-CLOUD1	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	1		1
NGC3031-CLOUD1	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	1		1
NGC3031-CLOUD1	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	1		1
NGC3031-CLOUD2	9 55 33.1	69 3 56*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	1		1
NGC3031-CLOUD2	9 55 33.1	69 3 56*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	1		1
NGC3031-CLOUD2	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	1		1
NGC3031-CLOUD2	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	1		1
NGC3031-CLOUD2	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	1		1
NGC3031-CLOUD3	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC3031-CLOUD3	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC3031-CLOUD3	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC3031-CLOUD3	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC3031-CLOUD3	9 55 33.1	69 3 56*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	CON SEL	1
NGC3031-CLOUD3	9 55 33.1	69 3 56*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	CON SEL	1
NGC3031-CLOUD4	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC3031-CLOUD5	9 55 33.1	69 3 56*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC3031-OFFSET-STAR	9 55 33.1	69 3 56*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1038	1	ACQ	1
NGC3031-OFFSET-STAR	9 55 33.1	69 3 56*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1038	1	ACQ	1
NGC3031-OFFSET-STAR	9 55 33.1	69 3 56*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1044	2	ACQ	1
NGC3031-POS-A1	9 55 33.1	69 3 55*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	335	1044	2	CON	1
NGC3031-POS-A2	9 55 33.2	69 3 55*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	555	1044	2		1
NGC3031-NUC	9 55 33.2	69 3 55	PC	IMAGE	ALL	F555W		1	4	1118	0		1
NGC3031-NUC	9 55 33.2	69 3 55	PC	IMAGE	ALL	F555W		1	40	1118	0		1
NGC3031-NUC	9 55 33.2	69 3 55	PC	IMAGE	ALL	F555W		1	120	1118	0		1
NGC3031-NUC	9 55 33.2	69 3 55	PC	IMAGE	ALL	F785LP		1	70	1118	0		1
NGC3031-NUC	9 55 33.2	69 3 55	PC	IMAGE	ALL	F785LP		1	3	1118	0		1
NGC3031-NUC	9 55 33.2	69 3 55	PC	IMAGE	ALL	F785LP		1	35	1118	0		1
NGC3031-POS-A3	9 55 33.2	69 3 55*	FOS/RD	ACCUM	0.5-PAIR	G570H		1	360	1044	2	CON	1
NGC3031	9 55 35.8	69 3 55	FOC/96	IMAGE	512X512	F486N	4870	1	400	1227	0		1
NGC3031	9 55 35.8	69 3 55	FOC/96	IMAGE	512X512	F501N	5010	1	400	1227	0		1
NGC3031	9 55 35.8	69 3 55	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	0		1
NGC3031	9 55 35.8	69 3 55	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
NGC3031	9 55 35.8	69 3 55	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	600	1227	2		1
M81-BULGE	9 55 46.1	69 4 43	WFC	IMAGE	ALL	F336W		1	100	1120	2		1
M81-BULGE	9 55 46.1	69 4 43	WFC	IMAGE	ALL	F555W		1	100	1120	2		1
M81-BULGE	9 55 46.1	69 4 43	WFC	IMAGE	ALL	F336W		1	1800	1120	2		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
M81-BULGE	9 55 46.1	69 4 43	WFC	IMAGE	ALL	F555W		1	2100	1120	2		1
M81-BULGE	9 55 46.1	69 4 43	WFC	IMAGE	ALL	F785LP		1	100	1120	2		1
M81-BULGE	9 55 46.1	69 4 43	WFC	IMAGE	ALL	F785LP		1	1800	1120	2		1
NGC3034	9 55 54.8	69 40 53	WFC	IMAGE	ALL	F555W		1	30	1105	3		1
NGC3034	9 55 54.8	69 40 53	WFC	IMAGE	ALL	F555W		1	230	1105	3		1
NGC3034	9 55 54.8	69 40 53	WFC	IMAGE	ALL	F555W		1	1400	1105	3		1
NGC3034	9 55 54.8	69 40 53	WFC	IMAGE	ALL	F785LP		1	30	1105	3		1
NGC3034	9 55 54.8	69 40 53	WFC	IMAGE	ALL	F785LP		1	230	1105	3		1
NGC3034	9 55 54.8	69 40 53	WFC	IMAGE	ALL	F785LP		1	1400	1105	3		1
PG0953+414	9 56 52.4	41 15 23	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1018	2	ACQ	1
PG0953+414	9 56 52.4	41 15 23	FOS/RD	ACCUM	1.0	G190H	1980	1	600	1018	0		1
PG0953+414	9 56 52.4	41 15 23	FOS/RD	ACCUM	1.0	G270H	2753	1	300	1018	0		1
PG0953+414	9 56 52.4	41 15 23	FOS/RD	ACCUM	1.0	G650L	6232	1	90	1018	2		1
PG0953+414	9 56 52.4	41 15 23	FOS/BL	ACCUM	1.0	G130H	1379	1	1200	1018	1		1
PG0953+414	9 56 52.4	41 15 23	FOS/RD	ACQ/BINA	4.3	MIRROR		1	2	1018	0	ACQ	1
PG0953+414	9 56 52.4	41 15 23	FOS/BL	ACQ/BINA	4.3	MIRROR		1	4	1018	1	ACQ	1
OFFSET-PG0953+414	9 56 52.4	41 15 23*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1018	2	ACQ	1
OFFSET-PG0953+414	9 56 52.4	41 15 23*	FOS/RD	ACCUM	1.0	G650L	6232	1	2500	1018	2		1
PG0953+414	9 56 52.5	41 15 41	WFC	IMAGE	ALL	F702W		1	400	1015	0		1
PG0953+414	9 56 52.5	41 15 41	WFC	IMAGE	ALL	F702W		1	1600	1015	0		1
SKY-BG1	9 56 52.5	41 15 41*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
0955+326	9 58 20.9	32 24 2	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
3C232	9 58 20.9	32 24 2	HSP/UV2	STAR-SKY	0.4-C	F140LP		1	60	1099	2		10
0955+326INCA221-57	9 58 21.0	32 24 2	FGS	POS	2	F583W		1	51	1570	1		6
0955+326INCA221-57	9 58 21.0	32 24 2	FGS	POS	2	F583W		1	51	1570	2		3
PKS0955+326	9 58 21.0	32 24 2	HRS	ACCUM	2.0	G270M	2600	6	600	1167	2		1
PKS0955+326	9 58 21.0	32 24 2	HRS	ACCUM	2.0	G270M	2805	9	600	1167	2		1
PKS0955+326	9 58 21.0	32 24 2	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1163	1	ACQ	1
PKS0955+326	9 58 21.0	32 24 2	FOS/BL	ACCUM	1.0	G130H	1379	1	2100	1163	1		1
3C232	9 58 21.0	32 24 2	FOC/48	SPEC	256X1024-SLIT	PRISM3		2	2500	1267	0		1
POINT0955+326INCA221-57	9 58 35.1	32 35 58	S/C	POINTING	V1			1	0	1570	1		2
POINT0955+326INCA221-57	9 58 35.1	32 35 58	S/C	POINTING	V1			1	0	1570	2		1
INCA221-56	9 58 45.6	32 35 8	FGS	POS	2	F583W		1	51	1570	1		4
INCA221-56	9 58 45.6	32 35 8	FGS	POS	2	F583W		1	51	1570	2		2
INCA221-57INCA221-56	9 58 45.6	32 35 8	FGS	POS	2	F583W		1	51	1570	1		6
INCA221-57INCA221-56	9 58 45.6	32 35 8	FGS	POS	2	F583W		1	51	1570	2		3
INCA221-57	9 59 11.0	32 26 20	FGS	POS	2	F583W		1	51	1570	1		4
INCA221-57	9 59 11.0	32 26 20	FGS	POS	2	F583W		1	51	1570	2		2
POINTINCA221-57INCA221-56	9 59 12.8	32 26 4	S/C	POINTING	V1			1	0	1570	1		2
POINTINCA221-57INCA221-56	9 59 12.8	32 26 4	S/C	POINTING	V1			1	0	1570	2		1
Q0957+561	10 1 20.8	55 53 53	FOC/96	IMAGE	512X512	F320W		1	1800	1059	1		1
Q0957+561	10 1 20.8	55 53 53	FOC/288	IMAGE	512X512	F320W		1	1800	1059	2	CON	1
Q0957+561	10 1 20.8	55 53 53	PC	IMAGE	ALL	F555W		1	80	1116	2		1
Q0957+561	10 1 20.8	55 53 53	PC	IMAGE	ALL	F555W		1	500	1116	2		1
Q0957+561	10 1 20.8	55 53 53	PC	IMAGE	ALL	F725LP		1	900	1116	2		1
Q0957+561	10 1 20.8	55 53 53	PC	IMAGE	ALL	F725LP		1	140	1116	2		1
Q0957+561	10 1 20.8	55 53 53	WFC	IMAGE	ALL	F725LP		1	2000	1116	2		1
Q0957+561	10 1 20.8	55 53 53	WFC	IMAGE	ALL	F725LP		1	250	1116	2		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
QSO0957+561A	10 1 20.8	55 53 56	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1096	2	ACQ	4
QSO0957+561A	10 1 20.8	55 53 56	HSP/VIS	PEAKUP	10.0	F160LP		1	60	1096	2	ACQ	1
QSO0957+561A	10 1 20.8	55 53 56	HSP/POL	STAR-SKY	POL0	F277M		1	320	1096	2		3
QSO0957+561A	10 1 20.8	55 53 56	HSP/POL	STAR-SKY	POL0	F277M		1	640	1096	2		1
QSO0957+561A	10 1 20.8	55 53 56	HSP/UV2	STAR-SKY	0.4-A	F284M		1	60	1096	2		1
QSO0957+561A	10 1 20.8	55 53 56	HSP/UV2	STAR-SKY	0.4-B	F248M		1	60	1096	2		1
QSO0957+561A	10 1 20.8	55 53 56	HSP/VIS	STAR-SKY	0.4-A	F551W		1	60	1096	2		1
QSO0957+561A	10 1 20.8	55 53 56	HSP/POL	STAR-SKY	POL45	F277M		1	320	1096	2		3
QSO0957+561A	10 1 20.8	55 53 56	HSP/POL	STAR-SKY	POL45	F277M		1	640	1096	2		1
QSO0957+561A	10 1 20.8	55 53 56	HSP/POL	STAR-SKY	POL90	F277M		1	320	1096	2		3
QSO0957+561A	10 1 20.8	55 53 56	HSP/POL	STAR-SKY	POL90	F277M		1	640	1096	2		1
QSO0957+561A	10 1 20.8	55 53 56	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1096	2		4
QSO0957+561A	10 1 20.8	55 53 56	HSP/POL	STAR-SKY	POL135	F277M		1	320	1096	2		3
QSO0957+561A	10 1 20.8	55 53 56	HSP/POL	STAR-SKY	POL135	F277M		1	640	1096	2		1
0957+561A	10 1 20.9	55 53 54	FOS/RD	ACCUM	0.5	PRISM	3500	1	400	1030	2		1
0957+561A	10 1 20.9	55 53 54	FOS/RD	ACCUM	0.5	G160L	1650	1	500	1030	2		1
0957+561A	10 1 20.9	55 53 54	FOS/RD	ACCUM	0.5	G270H	2700	1	6000	1030	2		1
0957+561C	10 1 20.9	55 53 54	FOS/RD	ACCUM	0.3	PRISM	3500	1	3000	1030	2		1
QSO0957+561B	10 1 20.9	55 53 50*	HSP/POL	PEAKUP	6.0	F160LP		1	60	1096	2	ACQ	4
QSO0957+561B	10 1 20.9	55 53 50*	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1096	2	ACQ	4
QSO0957+561B	10 1 20.9	55 53 50*	HSP/VIS	PEAKUP	10.0	F160LP		1	60	1096	2	ACQ	1
QSO0957+561B	10 1 20.9	55 53 50*	HSP/POL	STAR-SKY	POL0	F277M		1	320	1096	2		3
QSO0957+561B	10 1 20.9	55 53 50*	HSP/POL	STAR-SKY	POL0	F277M		1	640	1096	2		1
QSO0957+561B	10 1 20.9	55 53 50*	HSP/UV2	STAR-SKY	0.4-A	F284M		1	60	1096	2		1
QSO0957+561B	10 1 20.9	55 53 50*	HSP/UV2	STAR-SKY	0.4-B	F248M		1	60	1096	2		1
QSO0957+561B	10 1 20.9	55 53 50*	HSP/VIS	STAR-SKY	0.4-A	F551W		1	60	1096	2		1
QSO0957+561B	10 1 20.9	55 53 50*	HSP/POL	STAR-SKY	POL45	F277M		1	320	1096	2		3
QSO0957+561B	10 1 20.9	55 53 50*	HSP/POL	STAR-SKY	POL45	F277M		1	640	1096	2		1
QSO0957+561B	10 1 20.9	55 53 50*	HSP/POL	STAR-SKY	POL90	F277M		1	320	1096	2		3
QSO0957+561B	10 1 20.9	55 53 50*	HSP/POL	STAR-SKY	POL90	F277M		1	640	1096	2		1
QSO0957+561B	10 1 20.9	55 53 50*	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1096	2		4
QSO0957+561B	10 1 20.9	55 53 50*	HSP/POL	STAR-SKY	POL135	F277M		1	320	1096	2		3
QSO0957+561B	10 1 20.9	55 53 50*	HSP/POL	STAR-SKY	POL135	F277M		1	640	1096	2		1
0957+561B	10 1 21.0	55 53 48	FOS/RD	ACCUM	0.5	PRISM	3500	1	400	1030	2		1
0957+561B	10 1 21.0	55 53 48	FOS/RD	ACCUM	0.5	G160L	1650	1	500	1030	2		1
0957+561B	10 1 21.0	55 53 48	FOS/RD	ACCUM	0.5	G270H	2700	1	6000	1030	2		1
0957+561A-OFFSET	10 1 27.8	55 53 28	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1030	2	ACQ	3
NGC3079-OFFSET-STARS -FIELD	10 1 54.4	55 41 8*	WFC	IMAGE	ALL	F606W		1	15	1038	0	ACQ	1
NGC3079	10 1 57.8	55 40 48	PC	IMAGE	ALL	F502N		1	900	1038	0	ACQ	1
NGC3079	10 1 57.8	55 40 48	PC	IMAGE	ALL	F664N		3	300	1038	0	ACQ	1
NGC3079	10 1 57.8	55 40 48	PC	IMAGE	ALL	F547M		1	180	1038	0	ACQ	1
NGC3079	10 1 57.8	55 40 48	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2		1
NGC3079	10 1 57.8	55 40 48	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2		1
NGC3079	10 1 57.8	55 40 48	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2		1
NGC3079	10 1 57.8	55 40 48	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2		1
NGC3079	10 1 57.8	55 40 48	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2		1
NGC3079-CLOUD1	10 1 57.8	55 40 48*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2		1
NGC3079-CLOUD1	10 1 57.8	55 40 48*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2		1
NGC3079-CLOUD1	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2		1
NGC3079-CLOUD1	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2		1
NGC3079-CLOUD1	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC3079-CLOUD2	10 1 57.8	55 40 48*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2		1
NGC3079-CLOUD2	10 1 57.8	55 40 48*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2		1
NGC3079-CLOUD2	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2		1
NGC3079-CLOUD2	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2		1
NGC3079-CLOUD2	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2		1
NGC3079-CLOUD3	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC3079-CLOUD3	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC3079-CLOUD3	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC3079-CLOUD3	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC3079-CLOUD3	10 1 57.8	55 40 48*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	CON SEL	1
NGC3079-CLOUD3	10 1 57.8	55 40 48*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	CON SEL	1
NGC3079-CLOUD4	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC3079-CLOUD5	10 1 57.8	55 40 48*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC3079-OFFSET-STAR	10 1 57.8	55 40 48*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ	1
NGC3079-OFFSET-STAR	10 1 57.8	55 40 48*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ	1
PG1001+05	10 4 20.1	5 13 1	FOC/96	IMAGE	512X512	F210M		1	900	1233	2		1
PG1001+05	10 4 20.1	5 13 1	FOC/96	IMAGE	512X512	F140M		1	1800	1233	2		1
NGC3115	10 5 14.2	-7 43 5	FOC/48	IMAGE	512X512	F150W		1	2300	1239	1		1
NGC3115	10 5 14.2	-7 43 5	FOC/48	IMAGE	512X512	F342W		1	1600	1239	2		1
3C236	10 6 1.7	34 54 11	FOC/96	IMAGE	512X512	F320W		1	600	1228	1		1
3C236	10 6 1.7	34 54 11	FOC/96	IMAGE	512X512	F550M		1	900	1228	1		1
3C236	10 6 1.7	34 54 11	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
3C236	10 6 1.7	34 54 11	FOC/96	IMAGE	512X512	F410M		1	600	1228	2		1
3C236	10 6 1.7	34 54 11	FOC/96	IMAGE	512X512	F370LP		1	600	1228	2		1
3C236	10 6 1.7	34 54 11	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C236	10 6 1.7	34 54 11	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
OFF3C236	10 6 1.7	34 54 11*	WFC	IMAGE	ALL	F128LP		1	1800	1228	1	PAR	1
3C236-FIELD	10 6 1.7	34 53 41	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
3C236	10 6 1.7	34 54 11	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C236-OFFSET	10 6 1.7	34 54 11*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
HD87696	10 7 25.7	35 14 41	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD87696	10 7 25.7	35 14 41	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD87696	10 7 25.7	35 14 41	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD87696	10 7 25.7	35 14 41	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
PKS1004+130	10 7 26.1	12 48 56	FOS/RD	ACCUM	0.5	PRISM	3500	1	200	1026	0		1
PKS1004+130	10 7 26.1	12 48 56	FOS/BL	ACCUM	0.5	G130H	1300	1	3000	1026	0		1
PKS1004+130	10 7 26.1	12 48 56	FOS/RD	ACCUM	0.5	G270H	2700	1	400	1026	0		1
PKS1004+130	10 7 26.1	12 48 56	FOS/RD	ACCUM	0.5	G190H	1900	1	1500	1026	0		1
PKS1004+130	10 7 26.1	12 48 56	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1026	0	ACQ	1
PKS1004+130	10 7 26.1	12 48 56	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1026	0	ACQ	1
HD87901	10 8 21.7	11 57 58	HRS	ACCUM	2.0	MIRROR-A1		1	19	1214	0	CON CAL	1
HD87901	10 8 21.7	11 57 58	HRS	ACCUM	2.0	ECH-A	1335	1	180	1214	0	CON	1
HD87901	10 8 21.7	11 57 58	HRS	ACCUM	2.0	ECH-A	1302	1	180	1214	0	CON	1
HD87901	10 8 21.7	11 57 58	HRS	ACCUM	2.0	ECH-A	1530	1	180	1214	0	CON	1
PG1008+133	10 11 11.0	13 4 14	WFC	IMAGE	ALL	F702W		1	1500	1015	2		1
SKY-BG16	10 11 11.0	13 4 14*	FOS/RD	ACCUM	1.0	G650L	6232	1	1500	1015	1	PAR	1
3C239	10 11 45.3	46 28 19	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
1011+250	10 13 53.4	24 49 17	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
PG1012+008	10 14 54.9	0 33 37	WFC	IMAGE	ALL	F702W		1	2000	1015	2		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SKY-BG20	10 14 54.9	0 33 37*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
HD89125	10 17 14.7	23 6 22	HRS	ACCUM	0.25	G270M	2497	2	420	1064	3	CON SEL	1
NGC3211	10 17 50.6	-62 40 16	FOC/96	IMAGE	256X256	F130M		1	480	1254	2		1
NGC3211	10 17 50.6	-62 40 16	FOC/96	IMAGE	256X256	F210M		1	480	1254	2		1
NGC3211	10 17 50.6	-62 40 16	FOC/96	IMAGE	256X256	F278M		1	480	1254	2		1
TON34	10 19 54.9	27 45 55	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
TON34	10 19 54.9	27 45 55	FOS/RD	ACCUM	1.0	G400H	4013	1	300	1025	2		1
3C241	10 21 54.6	21 59 32	FOC/96	IMAGE	512X512	F342W		1	2000	1229	2		1
3C241	10 21 54.6	21 59 32	FOC/96	IMAGE	512X512	F430W		1	2000	1229	2		1
3C241	10 21 54.6	21 59 32	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
NGC3227	10 23 30.6	19 51 54	HRS	ACCUM	2.0	G140L	1554	1	2400	1160	1		2
NGC3227	10 23 30.6	19 51 54	HRS	ACCUM	2.0	G270M	2808	1	2400	1160	1		1
NGC3227	10 23 30.6	19 51 54	HRS	ACCUM	2.0	G140L	1554	1	2400	1160	2		2
NGC3227	10 23 30.6	19 51 54	HRS	ACCUM	2.0	G270M	2808	1	2400	1160	2		1
NGC3227	10 23 30.6	19 51 54	HRS	ACCUM	2.0	G140L	1554	1	2400	1160	3		2
NGC3227	10 23 30.6	19 51 54	HRS	ACCUM	2.0	G270M	2808	1	2400	1160	3		1
NGC3227	10 23 30.6	19 51 54	PC	IMAGE	ALL	F194W		1	900	1036	0	ACQ	1
NGC3227	10 23 30.6	19 51 54	PC	IMAGE	ALL	F375N		1	900	1036	0	ACQ	1
NGC3227	10 23 30.6	19 51 54	PC	IMAGE	ALL	F502N		1	900	1036	0	ACQ	1
NGC3227	10 23 30.6	19 51 54	PC	IMAGE	ALL	F664N		3	300	1036	0	ACQ	1
NGC3227	10 23 30.6	19 51 54	PC	IMAGE	ALL	F230W		1	720	1036	0	ACQ	1
NGC3227	10 23 30.6	19 51 54	PC	IMAGE	ALL	F547M		1	180	1036	0	ACQ	1
NGC3227	10 23 30.6	19 51 54	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2		1
NGC3227	10 23 30.6	19 51 54	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2		1
NGC3227	10 23 30.6	19 51 54	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2		1
NGC3227	10 23 30.6	19 51 54	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	SEL	1
NGC3227	10 23 30.6	19 51 54	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	SEL	1
NGC3227	10 23 30.6	19 51 54	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC3227	10 23 30.6	19 51 54	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ CON SEL	2
NGC3227	10 23 30.6	19 51 54	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ CON SEL	1
NGC3227-CLOUD1	10 23 30.6	19 51 54*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2		1
NGC3227-CLOUD1	10 23 30.6	19 51 54*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2		1
NGC3227-CLOUD1	10 23 30.6	19 51 54*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2		1
NGC3227-CLOUD1	10 23 30.6	19 51 54*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2		1
NGC3227-CLOUD1	10 23 30.6	19 51 54*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2		1
NGC3227-CLOUD2	10 23 30.6	19 51 54*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2		1
NGC3227-CLOUD2	10 23 30.6	19 51 54*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2		1
NGC3227-CLOUD2	10 23 30.6	19 51 54*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2		1
NGC3227-CLOUD2	10 23 30.6	19 51 54*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2		1
NGC3227-CLOUD2	10 23 30.6	19 51 54*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2		1
NGC3227-CLOUD3	10 23 30.6	19 51 54*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC3227-CLOUD3	10 23 30.6	19 51 54*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC3227-CLOUD3	10 23 30.6	19 51 54*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC3227-CLOUD3	10 23 30.6	19 51 54*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	CON SEL	1
NGC3227-CLOUD3	10 23 30.6	19 51 54*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	CON SEL	1
NGC3227-CLOUD4	10 23 30.6	19 51 54*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC3227-CLOUD5	10 23 30.6	19 51 54*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC3227-OFFSET-STAR	10 23 30.6	19 51 54*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ	1
NGC3227-OFFSET-STAR	10 23 30.6	19 51 54*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
NGC3227-OFFSET-STAR	10 23 30.6	19 51 54*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC3227	10 23 30.6	19 51 56	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	2		1
NGC3227	10 23 30.6	19 51 56	FOC/96	IMAGE	512X512	F501N	5010	1	400	1227	2		1
NGC3227	10 23 30.6	19 51 56	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	2		1
NGC3227	10 23 30.6	19 51 56	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	400	1227	2		1
NGC3227	10 23 30.6	19 51 56	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	400	1227	2		1
NGC3227-OFFSET-STARS -FIELD	10 23 33.4	19 51 3*	WFC	IMAGE	ALL	F606W		1	15	1036	0	ACQ	1
HD89822	10 24 7.8	65 33 59	HRS	ACCUM	0.25	ECH-B	1942	1	265	1182	2		1
HD89822	10 24 7.8	65 33 59	HRS	ACCUM	0.25	ECH-B	1739	1	484	1182	2		1
HD89822	10 24 7.8	65 33 59	HRS	ACCUM	0.25	ECH-B	1783	1	339	1182	2		1
HD89822	10 24 7.8	65 33 59	HRS	ACCUM	0.25	ECH-B	1801	1	283	1182	2		1
HD89822	10 24 7.8	65 33 59	HRS	ACCUM	0.25	ECH-B	2082	1	129	1182	2		1
HD89822	10 24 7.8	65 33 59	HRS	ACCUM	0.25	ECH-A	1362	1	728	1182	2		1
NGC3268	10 29 55.8	-35 19 42	FOC/96	IMAGE	512X512	F320W		1	600	1057	1		1
NGC3268	10 29 55.8	-35 19 42	FOC/96	IMAGE	512X512	F502M		1	300	1057	1		1
NGC3268	10 29 55.8	-35 19 42	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC3268	10 29 55.8	-35 19 42	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC3268	10 29 55.8	-35 19 42	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
3C244.1	10 33 31.4	56 15 3	FOC/96	IMAGE	512X512	F480LP		1	1740	1058	2		1
PG1031+23	10 33 49.3	23 9 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1049	2	ACQ	1
PG1031+23	10 33 49.3	23 9 16	FOS/BL	ACCUM	0.5	G130H	1379	1	1440	1049	2		10
PG1031+23-FIELD	10 33 49.3	23 9 16	WFC	IMAGE	ALL	F439W	4353	1	15	1049	2	ACQ	1
MKN34	10 34 8.6	60 1 52	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
MKN34	10 34 8.6	60 1 52	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
MKN34	10 34 8.6	60 1 52	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
MKN34	10 34 8.6	60 1 52	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
MKN34	10 34 8.6	60 1 52	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC3311-NUC	10 36 42.9	-27 31 43	PC	IMAGE	ALL	F785LP		1	1000	1118	2		2
1038+064	10 41 17.2	6 10 17	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
3C245	10 42 44.6	12 3 32	FOS/BL	ACCUM	1.0	G270H		1	1000	1043	2		1
3C245	10 42 44.6	12 3 32	FOS/BL	ACCUM	1.0	G130H		2	2000	1043	2		1
3C245	10 42 44.6	12 3 32	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1043	2	ACQ	1
HD93308	10 43 46.6	-59 30 38	FOC/96	IMAGE	512X512	F550M F8ND		1	240	1255	1		1
HD93308	10 43 46.6	-59 30 38	FOC/288	IMAGE	512X512	F165W PRISM1		1	300	1255	2		1
HD93308	10 43 46.6	-59 30 38	FOC/288	IMAGE	512X512	F165W PRISM1		1	900	1255	3		1
HD93308	10 43 46.6	-59 30 38	FOC/96	IMAGE	512X512	F175W F190M F8ND		1	240	1255	1		1
HD93308	10 43 46.6	-59 30 38	FOC/288	IMAGE	512X512	F1ND F550M F8ND		3	480	1255	2		1
HD93308	10 43 46.6	-59 30 38	FOC/288	IMAGE	512X512	F175W F190M F8ND		1	300	1255	1		1
HD93308	10 43 46.6	-59 30 38	FOC/288	IMAGE	512X512	F175W F190M F6ND		1	240	1255	1		1
HD93128	10 43 57.4	-59 32 51	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
HD93129A	10 43 57.5	-59 32 51	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
HD93129A	10 43 58.5	-59 32 50	HRS	ACCUM	2.0	G140L	1420	1	25	1215	2		1
HD93129A	10 43 58.5	-59 32 50	HRS	ACCUM	2.0	G140L	1670	1	37	1215	2		1
HD93129A	10 43 58.5	-59 32 50	HRS	ACCUM	2.0	G140L	1250	1	18	1215	2		1
HD93205	10 44 33.8	-59 44 16	HRS	ACCUM	2.0	G140L	1420	1	20	1215	1		1
HD93205	10 44 33.8	-59 44 16	HRS	ACCUM	2.0	G140L	1670	1	30	1215	1		1
HD93205	10 44 33.8	-59 44 16	HRS	ACCUM	2.0	G140L	1250	1	15	1215	1		1
HD93250	10 44 44.7	-59 33 54	HRS	ACCUM	2.0	G140L	1420	1	30	1215	2		1
HD93250	10 44 44.7	-59 33 54	HRS	ACCUM	2.0	G140L	1250	1	22	1215	2		1
HD93250	10 44 44.7	-59 33 54	HRS	ACCUM	2.0	G140L	1670	1	45	1215	2		1
HD93250	10 44 45.2	-59 33 55	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	0		2
W-CONDENSATION	10 45 2.3	-59 40 50	HRS	ACCUM	2.0	G140L	1300	1	1200	1186	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
W-CONDENSATION	10 45 2.3	-59 40 50	HRS	ACCUM	2.0	G140L	1550	1	1200	1186	2		1
W-CONDENSATION	10 45 2.3	-59 40 50	HRS	ACCUM	2.0	G140L	1800	1	1800	1186	2		1
S-CONDENSATION	10 45 2.4	-59 41 8	HRS	ACCUM	2.0	G140L	1300	1	1200	1186	1		1
S-CONDENSATION	10 45 2.4	-59 41 8	HRS	ACCUM	2.0	G140L	1550	1	1200	1186	1		1
S-CONDENSATION	10 45 2.4	-59 41 8	HRS	ACCUM	2.0	G140L	1800	1	1800	1186	1		1
ETA-CARINAE	10 45 3.6	-59 41 4	PC	IMAGE	ALL	F656N		1	10	1186	0	ACQ	1
ETA-CARINAE	10 45 3.6	-59 41 4	PC	IMAGE	ALL	F658N		1	50	1186	0	ACQ	1
ETA-CARINAE	10 45 3.6	-59 41 4	PC	IMAGE	ALL	F675W		1	10	1186	0	ACQ	1
ETA-CARINAE	10 45 3.6	-59 41 4	PC	IMAGE	ALL	F656N		1	10	1186	3		1
ETA-CARINAE	10 45 3.6	-59 41 4	PC	IMAGE	ALL	F658N		1	50	1186	3		1
ETA-CARINAE	10 45 3.6	-59 41 4	PC	IMAGE	ALL	F675W		1	10	1186	3		1
ETA-CARINAE	10 45 3.6	-59 41 4	PC	IMAGE	ALL-ND	F336W		1	20	1186	0	ACQ	1
ETA-CARINAE	10 45 3.6	-59 41 4	PC	IMAGE	ALL-ND	F336W		1	20	1186	3		1
ETA-CARINAE	10 45 3.6	-59 41 4	WFC	IMAGE	ALL-ND	F656N		1	10	1186	0		1
ETA-CARINAE	10 45 3.6	-59 41 4	WFC	IMAGE	ALL-ND	F675W		1	3	1186	0		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F336W		1	1	1138	0		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F336W		1	10	1138	0		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F336W		1	100	1138	0		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F658N		1	1	1138	0		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F658N		1	10	1138	0		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F658N		1	100	1138	0		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F658N		1	1	1138	3		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F850LP		1	0	1138	0		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F850LP		1	2	1138	0		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F850LP		1	20	1138	0		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F658N POL0		1	10	1138	3		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F658N POL60		1	10	1138	3		1
ETA-CAR	10 45 3.7	-59 41 4	PC	IMAGE	ALL	F658N POL120		1	10	1138	3		1
HD93308	10 45 3.7	-59 41 4	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
HDE303308	10 45 4.9	-59 40 3	HRS	ACCUM	2.0	G140L	1420	1	48	1215	2		1
HDE303308	10 45 4.9	-59 40 3	HRS	ACCUM	2.0	G140L	1250	1	36	1215	2		1
HDE303308	10 45 4.9	-59 40 3	HRS	ACCUM	2.0	G140L	1670	1	72	1215	2		1
NGC3379-POS2	10 47 29.9	12 34 58*	WFC	IMAGE	ALL	F555W		1	2200	1114	1		1
NGC3379-POS2	10 47 29.9	12 34 58*	WFC	IMAGE	ALL	F785LP		1	2500	1114	1		1
NGC3379-POS1	10 47 40.7	12 34 57*	WFC	IMAGE	ALL	F555W		1	2200	1114	1		1
NGC3379-POS1	10 47 40.7	12 34 57*	WFC	IMAGE	ALL	F785LP		1	2500	1114	1		1
NGC3377-POS1	10 47 41.7	14 1 4*	WFC	IMAGE	ALL	F555W		1	2200	1114	2		1
NGC3377-POS1	10 47 41.7	14 1 4*	WFC	IMAGE	ALL	F785LP		1	2500	1114	2		1
NGC3379-NUC	10 47 49.6	12 34 53	PC	IMAGE	ALL	F555W		1	49	1118	1		1
NGC3379-NUC	10 47 49.6	12 34 53	PC	IMAGE	ALL	F785LP		1	35	1118	1		1
NGC3379-NUC	10 47 49.6	12 34 53	PC	IMAGE	ALL	F785LP		1	350	1118	1		1
NGC3379-NUC	10 47 49.6	12 34 53	PC	IMAGE	ALL	F555W		1	489	1118	1		1
NGC3379	10 47 49.8	12 34 57	FOC/96	IMAGE	512X512	F320W		1	600	1057	1		1
NGC3379	10 47 49.8	12 34 57	FOC/96	IMAGE	512X512	F502M		1	300	1057	1		1
NGC3379	10 47 49.8	12 34 57	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC3379	10 47 49.8	12 34 57	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC3379	10 47 49.8	12 34 57	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
NGC3384-NUC	10 48 17.1	12 37 50	PC	IMAGE	ALL	F555W		1	11	1118	1		1
NGC3384-NUC	10 48 17.1	12 37 50	PC	IMAGE	ALL	F555W		1	112	1118	1		1
NGC3384-NUC	10 48 17.1	12 37 50	PC	IMAGE	ALL	F785LP		1	8	1118	1		1
NGC3384-NUC	10 48 17.1	12 37 50	PC	IMAGE	ALL	F785LP		1	80	1118	1		1
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-A	1240	1	264	1071	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-A	1252	1	216	1071	0		1
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-A	1530	1	480	1071	0		1
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-B	2370	1	120	1071	0		1
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-A	1303	1	192	1071	0		1
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-A	1334	1	264	1071	0		1
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-A	1356	1	456	1071	0		1
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-A	1392	1	528	1071	0		1
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-A	1191	1	144	1071	0		1
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-A	1547	1	552	1071	0		1
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-B	1805	1	216	1071	0		1
HD93521	10 48 23.5	37 34 13	HRS	WSCAN	0.25	ECH-B	2602	1	192	1071	0		1
3C246	10 51 29.9	-9 18 10	FOC/96	IMAGE	512X512	F430W		1	1800	1234	0		1
3C246	10 51 29.9	-9 18 10	FOC/96	IMAGE	512X512	F342W		1	1800	1234	2		1
3C246	10 51 29.9	-9 18 10	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	9000	1234	1	CON	1
PG1048-090	10 51 29.9	-9 18 9	WFC	IMAGE	ALL	F702W		1	2000	1015	2		1
SKY-BG2	10 51 29.9	-9 18 9*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
PG1048+342	10 51 43.8	33 59 26	WFC	IMAGE	ALL	F702W		1	1000	1015	2		1
SKY-BG21	10 51 43.8	33 59 26*	FOS/RD	ACCUM	1.0	G650L	6232	1	1000	1015	1	PAR	1
BD+08D1425	10 51 54.8	8 26 5	WFC	IMAGE	ALL	F569W		1	0	1082	1	ACQ	2
BD+08D1425	10 51 54.8	8 26 5	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		2
PKS1049+616	10 52 32.8	61 25 22	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1163	2	ACQ	1
PKS1049+616	10 52 32.8	61 25 22	FOS/BL	ACCUM	1.0	G270H	2766	1	600	1163	2		1
PKS1049+616	10 52 32.8	61 25 22	FOS/BL	ACCUM	1.0	G130H	1379	1	1800	1163	2		1
PKS1049+616	10 52 32.8	61 25 22	FOS/BL	ACCUM	1.0	G190H	1944	1	1200	1163	2		1
G146-72	10 55 6.1	47 14 41	FGS	TRANS	ANY	F583W		1	2000	1003	0		1
G146-72	10 55 6.1	47 14 41	FGS	TRANS	ANY	F583W		1	2000	1003	1		1
G146-72	10 55 6.1	47 14 41	FGS	TRANS	ANY	F583W		1	2000	1003	2		1
POINT-CP11.2	10 56 23.9	-4 29 52	S/C	POINTING	V1			1	0	1014	2	CON	1
POINT-CP11.1	10 56 26.3	-4 28 40	S/C	POINTING	V1			1	0	1014	2		1
GL406	10 56 29.3	7 0 55	FOS/BL	RAPID	4.3	G130H	1300	1	600	1180	1		1
GL406	10 56 29.3	7 0 55	FOS/BL	ACQ/BINA	4.3	MIRROR		1	2	1180	1	ACQ	1
GLIESE406	10 56 40.3	7 2 41	FGS	POS	PRIME	F550W		1	52	1005	1	CON	12
GLIESE406	10 56 40.3	7 2 41	FGS	POS	PRIME	F550W		1	52	1005	2	CON	12
GLIESE406	10 56 40.3	7 2 41	FGS	POS	PRIME	F550W		1	52	1005	3	CON	5
GLIESE406	10 56 40.3	7 2 41	FGS	POS	PRIME	F550W		1	52	2936	1	CON	12
GLIESE406	10 56 40.3	7 2 41	FGS	POS	PRIME	F550W		1	52	2936	2	CON	12
GLIESE406	10 56 40.3	7 2 41	FGS	POS	PRIME	F550W		1	52	2936	3	CON	5
GLIESE406	10 56 40.3	7 2 41	FGS	TRANS	PRIME	F583W		1	100	1005	1	ACQ	1
GLIESE406	10 56 40.3	7 2 41	FGS	TRANS	PRIME	F583W		1	100	2936	1	ACQ	1
FJ1083-7	10 57 7.5	8 8 13	WFC	IMAGE	ALL	F569W		1	0	1083	2	ACQ	2
FJ1083-7	10 57 7.5	8 8 13	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
3C247	10 58 58.6	43 1 25	FOC/96	IMAGE	512X512	F480LP		1	1740	1058	2		1
3C247	10 58 59.0	43 1 26	WFC	IMAGE	ALL	F555W		1	2700	1070	1		1
3C247	10 58 59.0	43 1 26	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
BD+08D1436	10 59 2.5	7 55 5	WFC	IMAGE	ALL	F569W		1	0	1082	1	ACQ	2
BD+08D1436	10 59 2.5	7 55 5	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		2
A01058+11	11 0 47.9	10 46 14	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1024	2	ACQ	1
A01058+11	11 0 47.9	10 46 14	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1024	2	ACQ	1
A01058+11	11 0 47.9	10 46 14	FOS/BL	ACCUM	1.0	G160L	1837	1	600	1024	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
A01058+11	11 0 47.9	10 46 14	FOS/RD	ACCUM	1.0	G190H	1980	1	600	1024	2		1
A01058+11	11 0 47.9	10 46 14	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1024	2		1
HD95418	11 1 50.4	56 22 56	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD95418	11 1 50.4	56 22 56	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD95418	11 1 50.4	56 22 56	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD95418	11 1 50.4	56 22 56	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
HD95735	11 3 20.7	35 58 13	FOC/288	OCC	512X512-F0.4	F370LP		1	600	1274	2		1
HD95735	11 3 20.7	35 58 13	FOC/288	OCC	512X512-F0.4	F370LP		4	900	1274	2		2
HD95735	11 3 20.7	35 58 13	FOC/288	OCC	512X512-F0.4	F370LP		5	900	1274	2		2
HD95735	11 3 20.7	35 58 13	FOC/288	OCC	512X512-F0.4	F370LP		1	1200	1274	2		1
HD95735	11 3 20.7	35 58 13	FOC/288	OCC	512X512-F0.4	F220W F278M F6ND		1	300	1274	2		2
HD95735	11 3 20.7	35 58 13	FOC/288	OCC	512X512-F0.4	F220W F278M F6ND		1	600	1274	2		1
HD95735	11 3 20.7	35 58 13	FOC/288	OCC	512X512-F0.4	F220W F278M F6ND		1	240	1274	2	ACQ	1
ARP148	11 3 53.5	40 51 1	WFC	IMAGE	ALL	F555W		1	30	1105	3		1
ARP148	11 3 53.5	40 51 1	WFC	IMAGE	ALL	F702W		1	30	1105	3		1
ARP148	11 3 53.5	40 51 1	WFC	IMAGE	ALL	F555W		1	230	1105	3		1
ARP148	11 3 53.5	40 51 1	WFC	IMAGE	ALL	F555W		1	1400	1105	3		1
ARP148	11 3 53.5	40 51 1	WFC	IMAGE	ALL	F702W		1	230	1105	3		1
ARP148	11 3 53.5	40 51 1	WFC	IMAGE	ALL	F702W		1	1400	1105	3		1
ARP148	11 3 53.5	40 51 1	WFC	IMAGE	ALL	F785LP		1	30	1105	3		1
ARP148	11 3 53.5	40 51 1	WFC	IMAGE	ALL	F785LP		1	230	1105	3		1
ARP148	11 3 53.5	40 51 1	WFC	IMAGE	ALL	F785LP		1	1400	1105	3		1
3C249.1	11 4 13.8	76 58 58	HSP/UV2	STAR-SKY	0.4-C	F140LP		1	60	1099	2		10
PG1100+772	11 4 13.8	76 58 58	WFC	IMAGE	ALL	F702W		1	2000	1015	2		1
PG1100+772	11 4 13.8	76 58 58	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1018	2	ACQ	1
PG1100+772	11 4 13.8	76 58 58	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1018	2	ACQ	1
PG1100+772	11 4 13.8	76 58 58	FOS/BL	ACCUM	1.0	G160L	1837	1	300	1018	2		1
PG1100+772	11 4 13.8	76 58 58	FOS/RD	ACCUM	1.0	G270H	2753	1	720	1018	2		1
SKY-BG3	11 4 13.8	76 58 58*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
MKN421	11 4 27.3	38 12 32	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
MKN421	11 4 27.3	38 12 32	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
MKN421	11 4 27.3	38 12 32	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1
MKN421-FIELD	11 4 27.3	38 12 32	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
MKN421-OFFSET	11 4 27.3	38 12 32*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
MRK421	11 4 27.3	38 12 32	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		2
MRK421	11 4 27.3	38 12 32	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		1
MRK421	11 4 27.3	38 12 32	FOS/BL	ACCUM	0.5	G130H	1379	1	1500	1029	2		1
MRK421	11 4 27.3	38 12 32	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	1	1029	2	ACQ	1
MRK421	11 4 27.3	38 12 32	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6337	1	1500	1029	2		1
MRK421-FIELD	11 4 27.3	38 12 32	WFC	IMAGE	ALL	F439W	4353	1	15	1029	2	ACQ	1
MRK421-OFFSET	11 4 27.3	38 12 32*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
MRK421-OFFSET	11 4 27.3	38 12 32*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
MKN421	11 4 27.3	38 12 32	HSP/UV2	SINGLE	1.0	F140LP		1	60	1099	1		27
MKN421	11 4 27.3	38 12 32	HSP/POL	SINGLE	POL0	F216M		1	60	1099	1		4
MKN421	11 4 27.3	38 12 32	HSP/POL	SINGLE	POL0	F277M		1	60	1099	1		28
MKN421	11 4 27.3	38 12 32	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1099	1	ACQ	27
MKN421	11 4 27.3	38 12 32	HSP/POL	SINGLE	POL45	F216M		1	60	1099	1		4
MKN421	11 4 27.3	38 12 32	HSP/POL	SINGLE	POL45	F277M		1	60	1099	1		28
MKN421	11 4 27.3	38 12 32	HSP/POL	SINGLE	POL90	F216M		1	60	1099	1		4
MKN421	11 4 27.3	38 12 32	HSP/POL	SINGLE	POL90	F277M		1	60	1099	1		28
MKN421	11 4 27.3	38 12 32	HSP/POL	SINGLE	POL135	F216M		1	60	1099	1		4

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MKN421	11 4 27.3	38 12 32	HSP/POL	SINGLE	POL135	F277M		1	60	1099	1		28
MKN421	11 4 28.2	38 12 39	HRS	ACCUM	0.25	G140M	1240	1	2280	1172	2	CON SEL	1
MKN421	11 4 28.2	38 12 39	HRS	ACCUM	0.25	G160M	1550	1	2280	1172	2	CON SEL	2
MKN421	11 4 28.2	38 12 39	HRS	ACCUM	0.25	G140L	1585	1	900	1172	1		1
MKN421	11 4 28.2	38 12 39	HRS	ACCUM	0.25	G140L	1315	1	780	1172	1		1
MKN421	11 4 28.2	38 12 39	HRS	ACCUM	0.25	G140M	1216	1	2280	1172	2	CON SEL	1
MKN421	11 4 28.2	38 12 39	HRS	ACCUM	0.25	G160M	1657	1	2280	1172	2	CON SEL	1
CW1103+254	11 5 39.7	25 6 29	FOS/BL	ACCUM	0.5	G160L		1	960	1051	1		6
CW1103+254	11 5 39.7	25 6 29	FOS/BL	ACQ/BINA	4.3	MIRROR		1	3	1051	1	ACQ	1
PKS1103-006	11 6 31.7	-0 52 53	FOS/BL	ACCUM	0.5	G270H		1	1000	1043	3		1
PKS1103-006	11 6 31.7	-0 52 53	FOS/BL	ACCUM	0.5	G130H		2	2000	1043	3		1
PKS1103-006	11 6 31.7	-0 52 53	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1043	3	ACQ	1
NGC3516	11 6 47.5	72 34 7	HRS	ACCUM	2.0	G140L	1562	1	2400	1160	1		2
NGC3516	11 6 47.5	72 34 7	HRS	ACCUM	2.0	G140L	1562	1	2400	1160	2		1
NGC3516	11 6 47.5	72 34 7	HRS	ACCUM	2.0	G140L	1562	1	2400	1160	3		1
NGC3516	11 6 47.5	72 34 7	HRS	ACCUM	2.0	G270M	2822	1	1200	1160	1		2
NGC3516	11 6 47.5	72 34 7	HRS	ACCUM	2.0	G270M	2822	1	1200	1160	2		1
NGC3516	11 6 47.5	72 34 7	HRS	ACCUM	2.0	G270M	2822	1	1200	1160	3		1
MC1104+167	11 7 15.1	16 28 2	FOS/RD	ACCUM	0.5	PRISM	3500	1	200	1026	2		1
MC1104+167	11 7 15.1	16 28 2	FOS/BL	ACCUM	0.5	G130H	1300	1	3000	1026	2		1
MC1104+167	11 7 15.1	16 28 2	FOS/RD	ACCUM	0.5	G190H	1900	1	2000	1026	2		1
MC1104+167	11 7 15.1	16 28 2	FOS/RD	ACCUM	0.5	G270H	2700	1	600	1026	2		1
MC1104+167	11 7 15.1	16 28 2	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1026	2	ACQ	1
MC1104+167	11 7 15.1	16 28 2	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1026	2	ACQ	1
3C252	11 11 33.1	35 40 42	WFC	IMAGE	ALL	F702W		1	2700	1070	1		1
3C252	11 11 33.1	35 40 42	WFC	IMAGE	ALL	F850LP		1	2700	1070	1		1
3C252	11 11 34.7	35 40 40	PC	IMAGE	ALL	F606W		1	1200	1058	1		1
HD97950AB	11 13 41.5	-61 4 45	FOC/96	IMAGE	512X512	F550M F6ND		1	240	1255	1		1
HD97950AB	11 13 41.5	-61 4 45	FOC/288	IMAGE	512X512	F190M F6ND		1	300	1255	1		1
HD97950AB	11 13 41.5	-61 4 45	FOC/288	IMAGE	512X512	F190M F8ND		1	300	1255	1		1
HD97950AB	11 13 41.5	-61 4 45	FOC/288	IMAGE	512X512	F190M F4ND		1	600	1255	2		3
HD97950AB	11 13 41.5	-61 4 45	FOC/288	IMAGE	512X512	F165W PRISM1		1	900	1255	2		2
HD97950AB	11 13 41.5	-61 4 45	FOC/288	IMAGE	512X512	F165W PRISM1		1	240	1255	1		1
HD97950AB	11 13 41.5	-61 4 45	FOC/288	IMAGE	512X512	F1ND F4ND F550M		1	540	1255	2		1
HD97603	11 14 6.4	20 31 25	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD97603	11 14 6.4	20 31 25	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD97603	11 14 6.4	20 31 25	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD97603	11 14 6.4	20 31 25	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
HD97633	11 14 14.4	15 25 46	HRS	ACCUM	0.25	ECH-B	1942	1	193	1182	2		1
PK148+57D1	11 14 47.9	55 1 5	WFC	IMAGE	ALL	F122M		1	2400	1074	2		1
PK148+57D1	11 14 47.9	55 1 5	WFC	IMAGE	ALL	F284W		1	2400	1074	2		1
NGC3603	11 15 5.3	-61 15 43	WFC	IMAGE	ALL	F469N		1	8	1121	1		1
NGC3603	11 15 5.3	-61 15 43	WFC	IMAGE	ALL	F502N		1	100	1121	1		1
NGC3603	11 15 5.3	-61 15 43	WFC	IMAGE	ALL	F656N		1	30	1121	1		1
NGC3603	11 15 5.3	-61 15 43	WFC	IMAGE	ALL	F658N		1	300	1121	1		1
NGC3603	11 15 5.3	-61 15 43	WFC	IMAGE	ALL	F555W		1	0	1121	1	ACQ	1
NGC3603	11 15 5.3	-61 15 43	WFC	IMAGE	ALL	F336W		1	0	1121	3		1
NGC3603	11 15 5.3	-61 15 43	WFC	IMAGE	ALL	F555W		1	0	1121	3		1
NGC3603	11 15 5.3	-61 15 43	WFC	IMAGE	ALL	F850LP		1	2	1121	3		1
NGC3603	11 15 5.3	-61 15 43	WFC	IMAGE	ALL	F702W		1	1	1121	1		1
NGC3603	11 15 5.3	-61 15 43	WFC	IMAGE	ALL	F702W		1	1	1121	3		1
HD97950A1	11 15 7.1	-61 15 35	HRS	ACCUM	0.25	G140L	1600	3	300	1164	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD97950A1	11 15 7.1	-61 15 35	HRS	ACCUM	0.25	G140L	1320	7	300	1164	2		1
HD97950B	11 15 7.1	-61 15 35	HRS	ACCUM	0.25	G140L	1600	3	300	1164	2		1
HD97950B	11 15 7.1	-61 15 35	HRS	ACCUM	0.25	G140L	1320	7	300	1164	2		1
HD98058	11 16 39.6	-3 39 6	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD98058	11 16 39.6	-3 39 6	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD98058	11 16 39.6	-3 39 6	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD98058	11 16 39.6	-3 39 6	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
PG1115+080A-OFFSET	11 18 13.9	7 46 28	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1026	1	ACQ	1
PG1115+080A-OFFSET	11 18 13.9	7 46 28	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1026	1	ACQ	1
PG1115+080A-OFFSET	11 18 13.9	7 46 28	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1030	1	ACQ	1
PG1115+080A-OFFSET	11 18 13.9	7 46 28	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1030	1	ACQ	1
PG1115+080A	11 18 16.9	7 45 59	FOS/RD	ACCUM	0.3	G400H	4000	1	600	1026	1		1
PG1115+080A	11 18 16.9	7 45 59	FOS/BL	ACCUM	0.3	G130H	1300	1	8000	1026	1		1
PG1115+080A	11 18 16.9	7 45 59	FOS/RD	ACCUM	0.3	G190H	1900	1	4000	1026	1		1
PG1115+080A	11 18 16.9	7 45 59	FOS/RD	ACCUM	0.3	G270H	2700	1	1600	1026	1		1
PG1115+080D	11 18 16.9	7 45 59*	FOS/RD	ACCUM	0.3	G400H	4000	1	600	1030	1		1
PG1115+080D	11 18 16.9	7 45 59*	FOS/BL	ACCUM	0.3	G130H	1300	1	8000	1030	1		1
PG1115+080D	11 18 16.9	7 45 59*	FOS/RD	ACCUM	0.3	G190H	1900	1	4000	1030	1		1
PG1115+080D	11 18 16.9	7 45 59*	FOS/RD	ACCUM	0.3	G270H	2700	1	1600	1030	1		1
PG1115+08	11 18 17.0	7 46 0	FOC/96	IMAGE	512X512	F1ND F342W		1	1800	1059	0		1
PG1115+080	11 18 17.0	7 46 0	PC	IMAGE	ALL	F555W		1	35	1116	1		1
PG1115+080	11 18 17.0	7 46 0	PC	IMAGE	ALL	F555W		1	350	1116	1		1
PG1115+080	11 18 17.0	7 46 0	PC	IMAGE	ALL	F785LP		1	60	1116	1		1
PG1115+080	11 18 17.0	7 46 0	PC	IMAGE	ALL	F785LP		1	600	1116	1		1
PG1115+080	11 18 17.0	7 46 0	WFC	IMAGE	ALL	F785LP		1	2000	1116	1		1
PG1115+080	11 18 17.0	7 46 0	WFC	IMAGE	ALL	F785LP		1	250	1116	1		1
PG1115+080	11 18 17.0	7 46 0	HRS	ACCUM	2.0	G270M	2760	1	7800	1144	2		1
PG1115+080	11 18 17.0	7 46 0	HRS	ACCUM	2.0	G140L	1482	1	5880	1144	2		1
PG1115+407	11 18 30.6	40 25 50	WFC	IMAGE	ALL	F725LP		1	14	1116	3		1
PG1115+407	11 18 30.6	40 25 50	WFC	IMAGE	ALL	F725LP		1	1700	1116	3		1
PG1115+407	11 18 30.6	40 25 50	WFC	IMAGE	ALL	F725LP		1	212	1116	3		1
PG1116+215	11 19 8.7	21 19 18	WFC	IMAGE	ALL	F702W		1	400	1015	1		1
PG1116+215	11 19 8.7	21 19 18	WFC	IMAGE	ALL	F702W		1	1600	1015	1		1
SKY-BG4	11 19 8.7	21 19 18*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
PG1116+215	11 19 8.7	21 19 18	FOS/RD	ACQ/BINA	4.3	MIRROR		1	4	1018	1	ACQ	1
PG1116+215	11 19 8.7	21 19 18	FOS/BL	ACQ/BINA	4.3	MIRROR		1	7	1018	1	ACQ	1
PG1116+215	11 19 8.7	21 19 18	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1018	2	ACQ	1
PG1116+215	11 19 8.7	21 19 18	FOS/RD	ACCUM	1.0	G190H	1980	1	700	1018	1		1
PG1116+215	11 19 8.7	21 19 18	FOS/RD	ACCUM	1.0	G270H	2753	1	500	1018	1		1
PG1116+215	11 19 8.7	21 19 18	FOS/RD	ACCUM	1.0	G650L	6232	1	90	1018	2		1
PG1116+215	11 19 8.7	21 19 18	FOS/BL	ACCUM	1.0	G130H	1379	1	1500	1018	1		1
OFFSET-PG1116+215	11 19 8.7	21 19 18*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1018	2	ACQ	1
OFFSET-PG1116+215	11 19 8.7	21 19 18*	FOS/RD	ACCUM	1.0	G650L	6232	1	2500	1018	2		1
3C256	11 20 43.1	23 27 55	WFC	IMAGE	ALL	F725LP		1	2000	1116	1		1
3C256	11 20 43.1	23 27 55	WFC	IMAGE	ALL	F725LP		1	250	1116	1		1
A1118-61	11 20 57.3	-61 54 58	HSP/UV1	PRISM	1.0	F248M/F135W		1	3000	1091	1		1
CEN-X-3	11 21 15.2	-60 37 24	HSP/UV1	SINGLE	1.0	F135W		1	2000	1091	1		1
UGC6456	11 28 0.3	78 59 36	WFC	IMAGE	ALL	F555W		1	30	1105	3		1
UGC6456	11 28 0.3	78 59 36	WFC	IMAGE	ALL	F555W		1	230	1105	3		1
UGC6456	11 28 0.3	78 59 36	WFC	IMAGE	ALL	F555W		1	1400	1105	3		1
UGC6456	11 28 0.3	78 59 36	WFC	IMAGE	ALL	F785LP		1	30	1105	3		1
UGC6456	11 28 0.3	78 59 36	WFC	IMAGE	ALL	F785LP		1	230	1105	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
UGC6456	11 28 0.3	78 59 36	WFC	IMAGE	ALL	F785LP		1	1400	1105	3		1
VIIZW403	11 28 0.7	78 59 37	PC	IMAGE	ALL	F850LP		1	600	1246	2		1
VIIZW403	11 28 0.7	78 59 37	FOC/96	IMAGE	512X512	F342W		1	600	1246	2		1
VIIZW403	11 28 0.7	78 59 37	FOC/96	IMAGE	512X512	F165W		1	2400	1246	2		1
VIIZW403	11 28 0.7	78 59 37	FOC/96	IMAGE	512X512	F437M		1	1400	1246	2		1
INCA221-66	11 29 12.3	-14 47 48	FGS	POS	2	F583W		1	51	1570	1		2
INCA221-66	11 29 12.3	-14 47 48	FGS	POS	2	F583W		1	51	1570	2		2
POINT1127-145INCA221-66	11 29 40.1	-14 58 28	S/C	POINTING	V1			1	0	1570	1		1
POINT1127-145INCA221-66	11 29 40.1	-14 58 28	S/C	POINTING	V1			1	0	1570	2		1
1127-145INCA221-66	11 30 7.1	-14 49 28	FGS	POS	2	F583W		1	51	1570	1		3
1127-145INCA221-66	11 30 7.1	-14 49 28	FGS	POS	2	F583W		1	51	1570	2		3
1127-145INCA221-67	11 30 7.1	-14 49 28	FGS	POS	2	F583W		1	51	1570	1		3
1127-145INCA221-67	11 30 7.1	-14 49 28	FGS	POS	2	F583W		1	51	1570	2		3
INCA221-67	11 30 33.4	-14 41 21	FGS	POS	2	F583W		1	51	1570	1		2
INCA221-67	11 30 33.4	-14 41 21	FGS	POS	2	F583W		1	51	1570	2		2
POINT1127-145INCA221-67	11 30 58.0	-14 52 46	S/C	POINTING	V1			1	0	1570	1		1
POINT1127-145INCA221-67	11 30 58.0	-14 52 46	S/C	POINTING	V1			1	0	1570	2		1
NGC3783	11 39 1.7	-37 44 18	HRS	ACCUM	2.0	G270M	2826	1	600	1160	1		2
NGC3783	11 39 1.7	-37 44 18	HRS	ACCUM	2.0	G270M	2826	1	600	1160	2		1
NGC3783	11 39 1.7	-37 44 18	HRS	ACCUM	2.0	G270M	2826	1	600	1160	3		1
NGC3783	11 39 1.7	-37 44 18	HRS	ACCUM	2.0	G140L	1564	1	710	1160	1		2
NGC3783	11 39 1.7	-37 44 18	HRS	ACCUM	2.0	G140L	1564	1	710	1160	2		1
NGC3783	11 39 1.7	-37 44 18	HRS	ACCUM	2.0	G140L	1564	1	710	1160	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G200M	1910	1	300	1170	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G140L	1590	1	1740	1170	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G270M	2730	1	120	1170	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G270M	2770	1	120	1170	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G270M	2810	1	120	1170	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G140L	1315	1	1380	1170	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G200M	1946	1	300	1170	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G200M	1984	1	300	1170	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G200M	1872	1	300	1170	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G270M	2926	1	180	1170	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G270M	2846	1	180	1170	3		1
NGC3783	11 39 1.8	-37 44 21	HRS	ACCUM	2.0	G270M	2886	1	180	1170	3		1
NGC3783	11 39 1.8	-37 44 19	PC	IMAGE	ALL	F194W		1	900	1036	0	ACQ	1
NGC3783	11 39 1.8	-37 44 19	PC	IMAGE	ALL	F375N		1	900	1036	0	ACQ	1
NGC3783	11 39 1.8	-37 44 19	PC	IMAGE	ALL	F502N		1	900	1036	0	ACQ	1
NGC3783	11 39 1.8	-37 44 19	PC	IMAGE	ALL	F664N		3	300	1036	0	ACQ	1
NGC3783	11 39 1.8	-37 44 19	PC	IMAGE	ALL	F230W		1	720	1036	0	ACQ	1
NGC3783	11 39 1.8	-37 44 19	PC	IMAGE	ALL	F547M		1	180	1036	0	ACQ	1
NGC3783	11 39 1.8	-37 44 19	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	SEL	1
NGC3783	11 39 1.8	-37 44 19	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	SEL	1
NGC3783	11 39 1.8	-37 44 19	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC3783	11 39 1.8	-37 44 19	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC3783	11 39 1.8	-37 44 19	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC3783	11 39 1.8	-37 44 19	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	2
NGC3783	11 39 1.8	-37 44 19	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC3783-CLOUD1	11 39 1.8	-37 44 19*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	SEL	1
NGC3783-CLOUD1	11 39 1.8	-37 44 19*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	SEL	1
NGC3783-CLOUD1	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC3783-CLOUD1	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC3783-CLOUD1	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC3783-CLOUD2	11 39 1.8	-37 44 19*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	SEL	1
NGC3783-CLOUD2	11 39 1.8	-37 44 19*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	SEL	1
NGC3783-CLOUD2	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC3783-CLOUD2	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC3783-CLOUD2	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC3783-CLOUD3	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC3783-CLOUD3	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC3783-CLOUD3	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC3783-CLOUD3	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC3783-CLOUD3	11 39 1.8	-37 44 19*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	CON SEL	1
NGC3783-CLOUD3	11 39 1.8	-37 44 19*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	CON SEL	1
NGC3783-CLOUD4	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC3783-CLOUD5	11 39 1.8	-37 44 19*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC3801	11 40 16.2	17 43 42	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
NGC3801	11 40 16.2	17 43 42	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
NGC3801	11 40 16.2	17 43 42	FOC/96	IMAGE	512X512	F502M		1	600	1228	2		1
NGC3801	11 40 16.2	17 43 42	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
NGC3801	11 40 16.2	17 43 42	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
NGC3801	11 40 16.2	17 43 42	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
PG1138+040	11 41 16.5	3 47 0	PC	IMAGE	ALL	F128LP		1	2125	1032	2	ACQ	1
PG1138+040	11 41 16.5	3 47 0	PC	IMAGE	ALL	F850LP		1	2125	1032	2	ACQ	1
PG1138+040	11 41 16.5	3 47 0	FOS/RD	ACCUM	0.5	G650L		1	840	1032	2	CON SEL	1
PG1138+040	11 41 16.5	3 47 0	FOS/RD	ACCUM	0.5	PRISM		1	840	1032	2	CON SEL	1
PG1138+040	11 41 16.5	3 47 0	FOS/RD	ACQ/BINA	4.3	MIRROR		1	6	1032	2	ACQ CON	1
PG1138+040	11 41 16.5	3 47 0	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	7659	1032	2	CON SEL	1
PG1138+040	11 41 16.5	3 47 0	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	7659	1032	2	CON SEL	1
PG1138+040	11 41 16.5	3 47 0	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	30	1032	2	ACQ CON	1
SKY14	11 41 16.5	3 47 0*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	2125	1032	2	PAR	2
NGC3862	11 45 4.6	19 36 26	FOC/288	IMAGE	512X512	F320W		1	600	1057	1	CON	1
NGC3862	11 45 4.6	19 36 26	FOC/96	IMAGE	512X512	F1ND F320W		1	600	1057	0		1
NGC3862	11 45 4.6	19 36 26	FOC/96	IMAGE	512X512	F1ND F502M		1	300	1057	0		1
NGC3862	11 45 4.6	19 36 26	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	7200	1057	1	CON	1
NGC3862	11 45 4.6	19 36 26	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	1	ACQ CON	1
3C264	11 45 5.0	19 36 23	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C264	11 45 5.0	19 36 23	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
3C264	11 45 5.0	19 36 23	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1
3C264-OFFSET	11 45 5.0	19 36 23*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
3C264-FIELD	11 45 5.0	19 36 43	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
3C265	11 45 28.6	31 33 48	FOC/96	IMAGE	512X512	F480LP		1	1740	1058	2		1
3C265	11 45 29.0	31 33 50	WFC	IMAGE	ALL	F555W		1	2700	1070	1		1
3C265	11 45 29.0	31 33 50	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
3C266	11 45 43.4	49 46 8	WFC	IMAGE	ALL	F702W		1	2700	1070	0		1
3C266	11 45 43.4	49 46 8	WFC	IMAGE	ALL	F791W		1	2700	1070	1		1
3C266	11 45 43.4	49 46 8	WFC	IMAGE	ALL	F850LP		1	2700	1070	0		1
POINT1144-379INCA221-68	11 46 18.6	-38 20 33	S/C	POINTING	V1			1	0	1532	1		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
INCA221-68	11 46 35.5	-38 8 59	FGS	POS	2	F583W		1	102	1532	1		5
1144-379INCA221-68	11 47 1.4	-38 12 11	FGS	POS	2	F583W		1	102	1532	1		6
1144-379INCA221-69	11 47 1.4	-38 12 11	FGS	POS	2	F583W		1	102	1570	1		3
1144-379INCA221-69	11 47 1.4	-38 12 11	FGS	POS	2	F583W		1	102	1570	2		3
1E1145.1-6141	11 47 28.6	-61 57 14	HSP/UV1	PRISM	1.0	F248M/F135W		1	3000	1091	1		1
POINT1144-379INCA221-69	11 47 45.8	-38 18 33	S/C	POINTING	V1			1	0	1570	1		1
POINT1144-379INCA221-69	11 47 45.8	-38 18 33	S/C	POINTING	V1			1	0	1570	2		1
INCA221-69	11 47 48.7	-38 7 11	FGS	POS	2	F583W		1	102	1570	1		2
INCA221-69	11 47 48.7	-38 7 11	FGS	POS	2	F583W		1	102	1570	2		2
4U1145-619	11 48 0.1	-62 12 25	HSP/UV1	PRISM	1.0	F248M/F135W		1	3000	1091	1		1
HD102647	11 49 3.5	14 34 19	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD102647	11 49 3.5	14 34 19	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD102647	11 49 3.5	14 34 19	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD102647	11 49 3.5	14 34 19	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
3C267	11 49 56.6	12 47 19	FOC/96	IMAGE	512X512	F342W		1	2000	1229	2		1
3C267	11 49 56.6	12 47 19	FOC/96	IMAGE	512X512	F430W		1	2000	1229	2		1
3C267	11 49 56.6	12 47 19	WFC	IMAGE	ALL	F702W		1	2700	1070	0		1
3C267	11 49 56.6	12 47 19	WFC	IMAGE	ALL	F791W		1	2700	1070	1		1
3C267	11 49 56.6	12 47 19	WFC	IMAGE	ALL	F850LP		1	2700	1070	0		1
PKS1148-00	11 50 43.8	-0 23 55	FOS/BL	ACCUM	0.5	PRISM	3500	1	500	1028	2		1
PKS1148-00	11 50 43.8	-0 23 55	FOS/BL	ACCUM	0.5	G160L	1650	1	1000	1028	2		1
PKS1148-00	11 50 43.8	-0 23 55	FOS/BL	ACCUM	0.5	G130H	1300	1	3600	1028	3	CON	1
PKS1148-00	11 50 43.8	-0 23 55	FOS/BL	ACCUM	0.5	G190H	1900	1	2400	1028	3	CON	1
PKS1148-00	11 50 43.8	-0 23 55	FOS/BL	ACCUM	0.5	G270H	2700	1	1200	1028	3	CON	1
PKS1148-00	11 50 43.8	-0 23 55	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1028	2	ACQ	1
PKS1148-00	11 50 43.8	-0 23 55	FOS/BL	ACQ/BINA	4.3	MIRROR		1	13	1028	3	ACQ CON	1
INCA221-72	11 52 54.1	49 23 46	FGS	POS	2	F583W		1	51	1570	1		4
INCA221-72	11 52 54.1	49 23 46	FGS	POS	2	F583W		1	51	1570	2		2
1150-388	11 53 12.1	-39 7 51	FOC/96	IMAGE	512X512	F342W		1	300	1244	2		1
1150-388	11 53 12.1	-39 7 51	FOC/96	IMAGE	512X512	F430W		1	300	1244	2		1
1150-388	11 53 12.1	-39 7 51	FOC/96	IMAGE	512X512	F502M		1	600	1244	2		1
1150+497	11 53 24.4	49 31 9	PC	IMAGE	P8	F606W		1	26	1139	2		1
1150+497	11 53 24.4	49 31 9	PC	IMAGE	P8	F725LP		1	50	1139	2		1
1150+497INCA221-72	11 53 24.4	49 31 9	FGS	POS	2	F583W		1	51	1570	1		6
1150+497INCA221-72	11 53 24.4	49 31 9	FGS	POS	2	F583W		1	51	1570	2		3
LB2136	11 53 24.5	49 31 9	WFC	IMAGE	ALL	F375N		1	300	1116	3		1
LB2136	11 53 24.5	49 31 9	WFC	IMAGE	ALL	F375N		1	1800	1116	3		1
MKN42	11 53 42.1	46 12 43	FOC/96	IMAGE	512X512	F502M	4950	1	300	1227	2		1
MKN42	11 53 42.1	46 12 43	FOC/96	IMAGE	512X512	F550M	5470	1	300	1227	2		1
MKN42	11 53 42.1	46 12 43	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	400	1227	2		1
MKN42	11 53 42.1	46 12 43	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	300	1227	2		1
PG1151+117	11 53 49.2	11 28 30	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
PG1151+117	11 53 49.2	11 28 30	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	2
PG1151+117	11 53 49.2	11 28 30	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
PG1151+117	11 53 49.2	11 28 30	FOS/BL	ACCUM	1.0	G160L	1837	1	120	1025	2		1
PG1151+117	11 53 49.2	11 28 30	FOS/RD	ACCUM	1.0	G190H	1980	1	720	1025	2		1
POINT1150+497INCA221-72	11 54 15.4	49 24 11	S/C	POINTING	V1			1	0	1570	1		2
POINT1150+497INCA221-72	11 54 15.4	49 24 11	S/C	POINTING	V1			1	0	1570	2		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
BE-UMA	11 57 44.8	48 56 19	HRS	ACCUM	2.0	G140L	1520	15	60	1148	2		3
NGC3998	11 57 56.1	55 27 12	PC	IMAGE	ALL	F375N		1	900	1038	0	ACQ	1
NGC3998	11 57 56.1	55 27 12	PC	IMAGE	ALL	F502N		1	900	1038	0	ACQ	1
NGC3998	11 57 56.1	55 27 12	PC	IMAGE	ALL	F547M		1	900	1038	0	ACQ	1
NGC3998	11 57 56.1	55 27 12	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2		1
NGC3998	11 57 56.1	55 27 12	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2		1
NGC3998	11 57 56.1	55 27 12	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2		1
NGC3998	11 57 56.1	55 27 12	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2		1
NGC3998	11 57 56.1	55 27 12	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2		1
NGC3998-CLOUD1	11 57 56.1	55 27 12*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2		1
NGC3998-CLOUD1	11 57 56.1	55 27 12*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2		1
NGC3998-CLOUD1	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2		1
NGC3998-CLOUD1	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2		1
NGC3998-CLOUD1	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2		1
NGC3998-CLOUD2	11 57 56.1	55 27 12*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2		1
NGC3998-CLOUD2	11 57 56.1	55 27 12*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2		1
NGC3998-CLOUD2	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2		1
NGC3998-CLOUD2	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2		1
NGC3998-CLOUD2	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2		1
NGC3998-CLOUD3	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC3998-CLOUD3	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC3998-CLOUD3	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC3998-CLOUD3	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC3998-CLOUD3	11 57 56.1	55 27 12*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	CON SEL	1
NGC3998-CLOUD3	11 57 56.1	55 27 12*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	CON SEL	1
NGC3998-CLOUD4	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC3998-CLOUD5	11 57 56.1	55 27 12*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC3998-OFFSET-STAR	11 57 56.1	55 27 12*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ	1
NGC3998-OFFSET-STAR	11 57 56.1	55 27 12*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ	1
NGC3998-NUC	11 57 56.2	55 27 13	PC	IMAGE	ALL	F702W		1	6	1118	3		1
NGC3998-NUC	11 57 56.2	55 27 13	PC	IMAGE	ALL	F702W		1	60	1118	3		1
NGC3998-NUC	11 57 56.2	55 27 13	PC	IMAGE	ALL	F555W		1	378	1118	3		1
NGC3998-NUC	11 57 56.2	55 27 13	PC	IMAGE	ALL	F664N		1	120	1118	3		1
NGC3998-NUC	11 57 56.2	55 27 13	PC	IMAGE	ALL	F664N		1	1200	1118	3		1
NGC3998-NUC	11 57 56.2	55 27 13	PC	IMAGE	ALL	F785LP		1	27	1118	3		1
NGC3998-NUC	11 57 56.2	55 27 13	PC	IMAGE	ALL	F555W		1	37	1118	3		1
NGC3998-NUC	11 57 56.2	55 27 13	PC	IMAGE	ALL	F785LP		1	269	1118	3		1
NGC3998-OFFSET-STARS	11 57 59.3	55 28 47*	WFC	IMAGE	ALL	F606W		1	15	1038	0	ACQ	1
-FIELD													
PG1159-035	12 1 46.0	-3 45 38	HRS	ACCUM	2.0	G140L	1520	15	60	1148	2		2
1159+123	12 1 47.9	12 6 30	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
NGC4051	12 3 9.6	44 31 53	PC	IMAGE	ALL	F194W		1	900	1036	0	ACQ	1
NGC4051	12 3 9.6	44 31 53	PC	IMAGE	ALL	F375N		1	900	1036	0	ACQ	1
NGC4051	12 3 9.6	44 31 53	PC	IMAGE	ALL	F502N		1	900	1036	0	ACQ	1
NGC4051	12 3 9.6	44 31 53	PC	IMAGE	ALL	F664N		3	300	1036	0	ACQ	1
NGC4051	12 3 9.6	44 31 53	PC	IMAGE	ALL	F230W		1	720	1036	0	ACQ	1
NGC4051	12 3 9.6	44 31 53	PC	IMAGE	ALL	F547M		1	180	1036	0	ACQ	1
NGC4051	12 3 9.6	44 31 53	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1		1
NGC4051	12 3 9.6	44 31 53	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1		1
NGC4051	12 3 9.6	44 31 53	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1		1
NGC4051	12 3 9.6	44 31 53	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1		1
NGC4051	12 3 9.6	44 31 53	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4051	12 3 9.6	44 31 53	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	1	ACQ CON SEL	1
NGC4051	12 3 9.6	44 31 53	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ CON SEL	1
NGC4051	12 3 9.6	44 31 53	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ CON SEL	1
NGC4051-CLOUD1	12 3 9.6	44 31 53*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1		1
NGC4051-CLOUD1	12 3 9.6	44 31 53*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1		1
NGC4051-CLOUD1	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1		1
NGC4051-CLOUD1	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1		1
NGC4051-CLOUD1	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1		1
NGC4051-CLOUD2	12 3 9.6	44 31 53*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1		1
NGC4051-CLOUD2	12 3 9.6	44 31 53*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1		1
NGC4051-CLOUD2	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1		1
NGC4051-CLOUD2	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1		1
NGC4051-CLOUD2	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1		1
NGC4051-CLOUD3	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC4051-CLOUD3	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC4051-CLOUD3	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC4051-CLOUD3	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC4051-CLOUD3	12 3 9.6	44 31 53*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	CON SEL	1
NGC4051-CLOUD3	12 3 9.6	44 31 53*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	CON SEL	1
NGC4051-CLOUD4	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC4051-CLOUD5	12 3 9.6	44 31 53*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC4051-OFFSET-STAR	12 3 9.6	44 31 53*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	1	ACQ SEL	1
NGC4051-OFFSET-STAR	12 3 9.6	44 31 53*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
NGC4051-OFFSET-STAR	12 3 9.6	44 31 53*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
NGC4051	12 3 10.0	44 31 53	FOC/96	IMAGE	512X512	F152M	1500	1	400	1227	2		1
NGC4051	12 3 10.0	44 31 53	FOC/96	IMAGE	512X512	F486N	4870	1	400	1227	2		1
NGC4051	12 3 10.0	44 31 53	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	2		1
NGC4051	12 3 10.0	44 31 53	FOC/96	IMAGE	512X512	F190M	1975	1	400	1227	2		1
NGC4051	12 3 10.0	44 31 53	FOC/96	IMAGE	512X512	F501N	5010	1	400	1227	2		1
NGC4051	12 3 10.0	44 31 53	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	2		1
NGC4051	12 3 10.0	44 31 53	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	500	1227	2		1
NGC4051-OFFSET-STARS -FIELD	12 3 10.7	44 31 53*	WFC	IMAGE	ALL	F606W		1	15	1036	0	ACQ	1
PG1202+281	12 4 42.1	27 54 12	WFC	IMAGE	ALL	F702W		1	400	1015	0		1
PG1202+281	12 4 42.1	27 54 12	WFC	IMAGE	ALL	F702W		1	1600	1015	0		1
SKY-BG5	12 4 42.1	27 54 12*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
PG1202+281	12 4 42.2	27 54 12	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1018	2	ACQ	1
PG1202+281	12 4 42.2	27 54 12	FOS/RD	ACCUM	1.0	G190H	1980	1	600	1018	0		1
PG1202+281	12 4 42.2	27 54 12	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1018	0		1
PG1202+281	12 4 42.2	27 54 12	FOS/BL	ACCUM	1.0	G130H	1379	1	1500	1018	2		1
PG1202+281	12 4 42.2	27 54 12	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1018	0	ACQ	1
PKS1203+011	12 5 48.5	0 53 44	WFC	IMAGE	ALL	F725LP		1	80	1116	3		1
PKS1203+011	12 5 48.5	0 53 44	WFC	IMAGE	ALL	F725LP		1	200	1116	3		1
PKS1203+011	12 5 48.5	0 53 44	WFC	IMAGE	ALL	F725LP		1	1600	1116	3		1
POINT1206-399INCA221 -77	12 8 48.6	-40 22 54	S/C	POINTING	V1			1	0	1570	1		2
POINT1206-399INCA221 -77	12 8 48.6	-40 22 54	S/C	POINTING	V1			1	0	1570	2		1
INCA221-77	12 8 48.6	-40 23 9	FGS	POS	2	F583W		1	51	1570	1		4

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
INCA221-77	12 8 48.6	-40 23 9	FGS	POS	2	F583W		1	51	1570	2		2
HD105601-CALIB	12 9 27.9	38 37 58	FOC/288	IMAGE	256X256	F190M F4ND	1975	1	300	1227	2	CAL	1
HD105601-CALIB	12 9 27.9	38 37 58	FOC/288	IMAGE	512X512	F190M F4ND	1975	1	300	1227	2	CAL	1
1206-399INCA221-77	12 9 35.4	-40 16 12	FGS	POS	2	F583W		1	51	1570	1		6
1206-399INCA221-77	12 9 35.4	-40 16 12	FGS	POS	2	F583W		1	51	1570	2		3
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL0	F216M		1	60	1099	2		1
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL0	F237M		1	60	1099	2		1
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL0	F277M		1	60	1099	2		10
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL0	F327M		1	60	1099	2		1
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL45	F216M		1	60	1099	2		1
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL45	F237M		1	60	1099	2		1
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL45	F277M		1	60	1099	2		10
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL45	F327M		1	60	1099	2		1
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL90	F216M		1	60	1099	2		1
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL90	F237M		1	60	1099	2		1
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL90	F277M		1	60	1099	2		10
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL90	F327M		1	60	1099	2		1
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL135	F216M		1	60	1099	2		1
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL135	F237M		1	60	1099	2		1
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL135	F277M		1	60	1099	2		10
NGC4151	12 10 31.9	39 24 21	HSP/POL	SINGLE	POL135	F327M		1	60	1099	2		1
NGC4151	12 10 32.2	39 24 21	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
NGC4151	12 10 32.2	39 24 21	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC4151	12 10 32.5	39 24 21	PC	IMAGE	ALL	F194W		1	900	1036	0	ACQ	1
NGC4151	12 10 32.5	39 24 21	PC	IMAGE	ALL	F375N		1	900	1036	0	ACQ	1
NGC4151	12 10 32.5	39 24 21	PC	IMAGE	ALL	F502N		1	900	1036	0	ACQ	1
NGC4151	12 10 32.5	39 24 21	PC	IMAGE	ALL	F230W		1	720	1036	0	ACQ	1
NGC4151	12 10 32.5	39 24 21	PC	IMAGE	ALL	F547M		1	180	1036	0	ACQ	1
NGC4151	12 10 32.5	39 24 21	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1		1
NGC4151	12 10 32.5	39 24 21	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1		1
NGC4151	12 10 32.5	39 24 21	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1		1
NGC4151	12 10 32.5	39 24 21	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1		1
NGC4151	12 10 32.5	39 24 21	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1		1
NGC4151	12 10 32.5	39 24 21	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	1	ACQ CON SEL	1
NGC4151	12 10 32.5	39 24 21	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ CON SEL	1
NGC4151	12 10 32.5	39 24 21	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ CON SEL	1
NGC4151-CLOUD1	12 10 32.5	39 24 21*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1		1
NGC4151-CLOUD1	12 10 32.5	39 24 21*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1		1
NGC4151-CLOUD1	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1		1
NGC4151-CLOUD1	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1		1
NGC4151-CLOUD1	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1		1
NGC4151-CLOUD1	12 10 32.5	39 24 21*	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		1
NGC4151-CLOUD1	12 10 32.5	39 24 21*	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		1
NGC4151-CLOUD2	12 10 32.5	39 24 21*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	1		1
NGC4151-CLOUD2	12 10 32.5	39 24 21*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	1		1
NGC4151-CLOUD2	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	1		1
NGC4151-CLOUD2	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	1		1
NGC4151-CLOUD2	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	1		1
NGC4151-CLOUD2	12 10 32.5	39 24 21*	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4151-CLOUD2	12 10 32.5	39 24 21*	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		1
NGC4151-CLOUD3	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC4151-CLOUD3	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC4151-CLOUD3	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC4151-CLOUD3	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC4151-CLOUD3	12 10 32.5	39 24 21*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	CON SEL	1
NGC4151-CLOUD3	12 10 32.5	39 24 21*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	CON SEL	1
NGC4151-CLOUD4	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC4151-CLOUD5	12 10 32.5	39 24 21*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC4151-NUCLEUS	12 10 32.5	39 24 21	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		2
NGC4151-NUCLEUS	12 10 32.5	39 24 21	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		1
NGC4151-OFFSET	12 10 32.5	39 24 21*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
NGC4151-OFFSET-STAR	12 10 32.5	39 24 21*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	1	ACQ SEL	1
NGC4151-OFFSET-STAR	12 10 32.5	39 24 21*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
NGC4151-OFFSET-STAR	12 10 32.5	39 24 21*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F547M		1	3	1118	2		1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F547M		1	30	1118	2		1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F547M		1	300	1118	2		1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F664N		1	2	1118	2		1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F664N		1	20	1118	2		1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F664N		1	200	1118	2		1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F702W		1	0	1118	2		1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F702W		1	2	1118	2		1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F702W		1	20	1118	2		1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F875M		1	1	1118	2		1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F875M		1	15	1118	2		1
NGC4151-NUC	12 10 32.5	39 24 21	PC	IMAGE	ALL	F875M		1	150	1118	2		1
NGC4151-P5	12 10 32.6	39 24 21*	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	1000	1222	2		1
NGC4151-P3	12 10 32.6	39 24 21*	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	1000	1222	2		1
NGC4151-P3	12 10 32.6	39 24 21*	FOC/48	SPEC	256X1024-SLIT	G150M	1483	1	2000	1222	2		1
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G200M	1915	1	1800	1141	1		1
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G140L	1318	1	600	1141	1		1
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G140L	1523	1	600	1141	1		1
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G140L	1557	1	600	1141	1		1
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G140L	1523	1	600	1141	3	SEL	3
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G160M	1403	1	2700	1141	1		1
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G160M	1256	1	2700	1141	1		1
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G160M	1339	1	2700	1141	1		1
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G160M	1554	1	2700	1141	1		2
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G270M	2603	1	780	1141	1		1
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G270M	2809	1	720	1141	1		1
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G160M	1554	1	2400	1141	3	SEL	3
NGC4151	12 10 32.6	39 24 21	HRS	ACCUM	2.0	G160M	1554	1	2700	1141	3	SEL	1
NGC4151-OFF	12 10 32.6	39 24 21*	HRS	ACCUM	0.25	G200M	1915	1	4200	1141	2	SEL	1
NGC4151-OFF	12 10 32.6	39 24 21*	HRS	ACCUM	0.25	G160M	1554	1	4200	1141	2	SEL	1
NGC4151-OFF	12 10 32.6	39 24 21*	HRS	ACCUM	0.25	G160M	1554	1	5100	1141	2	SEL	1
NGC4151-OFF	12 10 32.6	39 24 21*	HRS	ACCUM	0.25	G160M	1554	1	8400	1141	2	SEL	1
NGC4151-NUC	12 10 32.6	39 24 21	FOC/96	IMAGE	256X256	F152M	1500	1	500	1222	2		1
NGC4151-NUC	12 10 32.6	39 24 21	FOC/96	IMAGE	256X256	F152M	1500	1	1000	1222	2		2
NGC4151-NUC	12 10 32.6	39 24 21	FOC/96	IMAGE	256X256	F501N	5010	1	500	1222	2		1
NGC4151-NUC	12 10 32.6	39 24 21	FOC/96	IMAGE	256X256	F501N	5010	1	700	1222	2		1
NGC4151-NUC	12 10 32.6	39 24 21	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	1000	1222	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4151-NUC	12 10 32.6	39 24 21	FOC/96	IMAGE	256X256	F2ND F501N	5010	1	500	1222	2		1
NGC4151-NUC	12 10 32.6	39 24 21	FOC/96	IMAGE	256X256	F2ND F501N	5010	1	700	1222	2		1
NGC4151-NUC	12 10 32.6	39 24 21	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	1200	1222	2		1
NGC4151-NUC	12 10 32.6	39 24 21	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	1600	1222	2		1
NGC4151-NUC	12 10 32.6	39 24 21	FOC/48	SPEC	256X1024-SLIT	G150M	1483	1	1500	1222	2		1
NGC4151	12 10 32.6	39 24 21	FOC/288	IMAGE	512X512	F152M	1500	1	600	1227	0		1
NGC4151	12 10 32.6	39 24 21	FOC/96	IMAGE	512X512	F501N	5010	1	400	1227	0		1
NGC4151	12 10 32.6	39 24 21	FOC/288	IMAGE	512X512	F486N	4870	1	600	1227	0		1
NGC4151	12 10 32.6	39 24 21	FOC/288	IMAGE	512X512	F502M	4950	1	400	1227	0		1
NGC4151	12 10 32.6	39 24 21	FOC/288	IMAGE	512X512	F120M	1215	1	600	1227	0		1
NGC4151	12 10 32.6	39 24 21	FOC/288	IMAGE	256X256	F190M	1975	1	600	1227	2		3
NGC4151	12 10 32.6	39 24 21	FOC/288	IMAGE	512X512	F501N	5010	1	400	1227	0		1
NGC4151	12 10 32.6	39 24 21	FOC/288	IMAGE	512X512	F550M	5470	1	400	1227	0		1
NGC4151	12 10 32.6	39 24 21	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	800	1227	0		1
NGC4151	12 10 32.6	39 24 21	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	500	1227	0		1
NGC4151-FIELD	12 10 33.5	39 25 1	WFC	IMAGE	ALL	F439W	4353	1	15	1029	2	ACQ	1
NGC4151-OFFSET-STARS -FIELD	12 10 34.2	39 24 59*	WFC	IMAGE	ALL	F606W		1	15	1036	0	ACQ	1
1208+107	12 10 37.7	31 57 5	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
HZ21-CALIB	12 13 56.4	32 56 31	FOC/288	IMAGE	512X512	F342W F8ND		1	600	1270	0	CAL	1
HZ21-CALIB	12 13 56.4	32 56 31	FOC/288	IMAGE	512X512	F342W F6ND		1	600	1270	2		1
HZ21-CALIB	12 13 56.4	32 56 31	FOC/288	IMAGE	512X512	F275W F6ND		1	480	1270	2		1
HZ21-CALIB	12 13 56.4	32 56 31	FOC/288	IMAGE	512X512	F275W F6ND		1	480	1270	2	CAL	1
PG1211+143	12 14 17.7	14 3 12	FOS/RD	ACCUM	0.5	PRISM	3500	1	220	1026	2		1
PG1211+143	12 14 17.7	14 3 12	FOS/BL	ACCUM	0.5	G130H	1300	1	800	1026	2		1
PG1211+143	12 14 17.7	14 3 12	FOS/RD	ACCUM	0.5	G190H	1900	1	1000	1026	2		1
PG1211+143	12 14 17.7	14 3 12	FOS/RD	ACCUM	0.5	G270H	2700	1	400	1026	2		1
PG1211+143	12 14 17.7	14 3 12	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1026	2	ACQ	1
UX-CVN	12 14 48.5	36 38 49	HRS	ACCUM	0.25	G140L	1280	1	30	1174	1		1
UX-CVN	12 14 48.5	36 38 49	HRS	ACCUM	0.25	G140L	1280	1	40	1174	1		1
UX-CVN	12 14 48.5	36 38 49	HRS	ACCUM	0.25	G140L	1555	1	30	1174	1		1
UX-CVN	12 14 48.5	36 38 49	HRS	ACCUM	0.25	G140L	1555	1	40	1174	1		1
HD106591	12 15 25.5	57 1 57	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD106591	12 15 25.5	57 1 57	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD106591	12 15 25.5	57 1 57	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD106591	12 15 25.5	57 1 57	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
ON+325	12 17 52.3	30 7 1	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1099	2		10
NGC4258-OFFSET-STARS -FIELD	12 18 53.7	47 18 14*	WFC	IMAGE	ALL	F606W		1	15	1038	0	ACQ	1
NGC4258	12 18 57.6	47 18 14	PC	IMAGE	ALL	F502N		1	900	1038	0	ACQ	1
NGC4258	12 18 57.6	47 18 14	PC	IMAGE	ALL	F664N		3	300	1038	0	ACQ	1
NGC4258	12 18 57.6	47 18 14	PC	IMAGE	ALL	F547M		1	180	1038	0	ACQ	1
NGC4258	12 18 57.6	47 18 14	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	SEL	1
NGC4258	12 18 57.6	47 18 14	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	SEL	1
NGC4258	12 18 57.6	47 18 14	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC4258	12 18 57.6	47 18 14	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC4258	12 18 57.6	47 18 14	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC4258-CLOUD1	12 18 57.6	47 18 14*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	SEL	1
NGC4258-CLOUD1	12 18 57.6	47 18 14*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	SEL	1
NGC4258-CLOUD1	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC4258-CLOUD1	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC4258-CLOUD1	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4258-CLOUD2	12 18 57.6	47 18 14*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	SEL	1
NGC4258-CLOUD2	12 18 57.6	47 18 14*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	SEL	1
NGC4258-CLOUD2	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC4258-CLOUD2	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC4258-CLOUD2	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC4258-CLOUD3	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC4258-CLOUD3	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC4258-CLOUD3	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC4258-CLOUD3	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC4258-CLOUD3	12 18 57.6	47 18 14*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	CON SEL	1
NGC4258-CLOUD3	12 18 57.6	47 18 14*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	CON SEL	1
NGC4258-CLOUD4	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC4258-CLOUD5	12 18 57.6	47 18 14*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC4258-OFFSET-STAR	12 18 57.6	47 18 14*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ SEL	1
NGC4258-OFFSET-STAR	12 18 57.6	47 18 14*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ CON SEL	1
NGC4258	12 18 57.8	47 18 15	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
NGC4258	12 18 57.8	47 18 15	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
NGC4258	12 18 57.8	47 18 15	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
NGC4258	12 18 57.8	47 18 15	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC4258	12 18 58.1	47 18 16	FOC/96	IMAGE	512X512	F275W		1	900	1056	2		1
NGC4258	12 18 58.1	47 18 16	FOC/288	IMAGE	512X512	F275W		1	1800	1056	2	CON SEL	1
NGC4258	12 18 58.1	47 18 16	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	2	CON SEL	1
1216+069	12 19 20.3	6 38 40	HRS	ACCUM	2.0	G200M	1615	1	1800	1156	2		1
PG1216+069	12 19 20.3	6 38 40	WFC	IMAGE	ALL	F702W		1	2000	1015	2		1
PG1216+069	12 19 20.3	6 38 40	WFC	IMAGE	ALL	F725LP		1	10	1116	2		1
PG1216+069	12 19 20.3	6 38 40	WFC	IMAGE	ALL	F725LP		1	1700	1116	2		1
PG1216+069	12 19 20.3	6 38 40	WFC	IMAGE	ALL	F725LP		1	212	1116	2		1
PG1216+069	12 19 20.3	6 38 40	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
PG1216+069	12 19 20.3	6 38 40	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	2
PG1216+069	12 19 20.3	6 38 40	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
PG1216+069	12 19 20.3	6 38 40	FOS/BL	ACCUM	1.0	G160L	1837	1	120	1025	2		1
PG1216+069	12 19 20.3	6 38 40	FOS/RD	ACCUM	1.0	G190H	1980	1	720	1025	2		1
SKY-BG6	12 19 20.3	6 38 40*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
3C270	12 19 23.2	5 49 29	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C270	12 19 23.2	5 49 29	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
3C270	12 19 23.2	5 49 29	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1
3C270-OFFSET	12 19 23.2	5 49 29*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
3C270	12 19 23.2	5 49 30	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C270	12 19 23.2	5 49 30	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
3C270	12 19 23.2	5 49 30	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C270-FIELD	12 19 24.2	5 49 54	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
NGC4274-NUC	12 19 50.6	29 36 52	PC	IMAGE	ALL	F785LP		1	11	1118	3		1
NGC4274-NUC	12 19 50.6	29 36 52	PC	IMAGE	ALL	F785LP		1	110	1118	3		1
NGC4274-NUC	12 19 50.6	29 36 52	PC	IMAGE	ALL	F555W		1	15	1118	3		1
NGC4274-NUC	12 19 50.6	29 36 52	PC	IMAGE	ALL	F555W		1	153	1118	3		1
NGC4278	12 20 6.9	29 16 51	FOC/96	IMAGE	256X256	F275W	2720	1	2000	1240	1		1
NGC4278	12 20 6.9	29 16 51	FOC/96	IMAGE	256X256	F502M	4950	1	500	1240	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4278	12 20 6.9	29 16 51	FOC/96	IMAGE	256X256	F372M	3710	1	1000	1240	2		1
NGC4278	12 20 6.9	29 16 51	FOC/96	IMAGE	256X256	F502M	4950	1	2500	1240	2		1
NGC4278	12 20 6.9	29 16 51	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	1800	1240	1		1
NGC4278	12 20 6.9	29 16 51	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	1800	1240	2		1
NGC4278-NUC	12 20 6.9	29 16 51	PC	IMAGE	ALL	F702W		1	6	1118	1		1
NGC4278-NUC	12 20 6.9	29 16 51	PC	IMAGE	ALL	F702W		1	60	1118	1		1
NGC4278-NUC	12 20 6.9	29 16 51	PC	IMAGE	ALL	F555W		1	49	1118	1		1
NGC4278-NUC	12 20 6.9	29 16 51	PC	IMAGE	ALL	F664N		1	120	1118	1		1
NGC4278-NUC	12 20 6.9	29 16 51	PC	IMAGE	ALL	F664N		1	1200	1118	1		1
NGC4278-NUC	12 20 6.9	29 16 51	PC	IMAGE	ALL	F785LP		1	35	1118	1		1
NGC4278-NUC	12 20 6.9	29 16 51	PC	IMAGE	ALL	F785LP		1	350	1118	1		1
NGC4278-NUC	12 20 6.9	29 16 51	PC	IMAGE	ALL	F555W		1	489	1118	1		1
NGC4283-NUC	12 20 20.7	29 18 36	PC	IMAGE	ALL	F555W		1	14	1118	2		1
NGC4283-NUC	12 20 20.7	29 18 36	PC	IMAGE	ALL	F555W		1	140	1118	2		1
NGC4283-NUC	12 20 20.7	29 18 36	PC	IMAGE	ALL	F785LP		1	10	1118	2		1
NGC4283-NUC	12 20 20.7	29 18 36	PC	IMAGE	ALL	F785LP		1	100	1118	2		1
3C270.1	12 20 33.9	33 43 12	FOC/96	IMAGE	512X512	F430W		2	1800	1234	1		1
3C270.1	12 20 33.9	33 43 12	FOC/96	IMAGE	512X512	F342W		2	1800	1234	2		1
ON+231	12 21 31.7	28 13 58	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1099	1		10
MKN205	12 21 44.1	75 18 37	HSP/UV2	STAR-SKY	0.4-C	F140LP		1	60	1099	1		10
NGC4314	12 22 32.0	29 53 46	WFC	IMAGE	ALL	F336W	3360	2	3000	1012	1		1
NGC4314	12 22 32.0	29 53 46	PC	IMAGE	ALL	F555W	5416	1	400	1012	1		1
NGC4314	12 22 32.0	29 53 46	PC	IMAGE	ALL	F664N	6637	1	1200	1012	1		1
NGC4314	12 22 32.0	29 53 46	PC	IMAGE	ALL	F785LP	8922	1	400	1012	1		1
NGC4314	12 22 32.0	29 53 46	WFC	IMAGE	ALL	F439W	4352	2	1000	1012	1		1
NGC4314	12 22 32.0	29 53 46	WFC	IMAGE	ALL	F555W	5416	2	600	1012	1		1
NGC4314	12 22 32.0	29 53 46	WFC	IMAGE	ALL	F785LP	8922	2	600	1012	1		1
NGC4321-NUCLEUS-OFF2	12 22 54.9	15 49 19*	FOC/48	SPEC	256X1024-SLIT	G450M		1	600	1241	2		1
NGC4321-NUCLEUS-OFF2	12 22 54.9	15 49 19*	FOC/48	SPEC	256X1024-SLIT	G150M		1	3180	1241	2		1
NGC4321-NUCLEUS-OFF2	12 22 54.9	15 49 19*	FOC/48	SPEC	256X1024-SLIT	G225M		1	1320	1241	2		1
NGC4321-135N-84E	12 23 1.0	15 51 38*	WFC	IMAGE	ALL	F336W		1	2300	1119	3		1
NGC4321-135N-84E	12 23 1.0	15 51 38*	WFC	IMAGE	ALL	F555W		1	2300	1119	3		12
NGC4321-135N-84E	12 23 1.0	15 51 38*	WFC	IMAGE	ALL	F785LP		1	2300	1119	3		6
NGC4321-DW5	12 23 21.3	15 52 5	FOC/48	IMAGE	512X512	F150W		1	2500	1248	2		1
NGC4321-DW5	12 23 21.3	15 52 5	FOC/48	IMAGE	512X512	F342W		1	1100	1248	3		1
NGC4321-DW5	12 23 21.3	15 52 5	FOC/48	IMAGE	512X512	F430W		1	1300	1248	3		1
3C272.1-FIELD	12 25 1.3	12 53 13	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
NGC4374F2	12 25 3.1	12 49 42	FOC/48	IMAGE	512X512	F342W		1	2700	1016	1	PAR	1
NGC4374F2	12 25 3.1	12 49 42	FOC/48	IMAGE	512X512	F430W		1	2700	1016	1	PAR	1
NGC4374	12 25 3.6	12 53 13	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC4374	12 25 3.6	12 53 13	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
NGC4374	12 25 3.6	12 53 13	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC4374	12 25 3.6	12 53 13	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC4374	12 25 3.6	12 53 13	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
M84	12 25 3.6	12 53 13	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
M84	12 25 3.6	12 53 13	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC4374	12 25 3.7	12 53 13	FOC/48	IMAGE	512X512	F430W	4130	1	1200	1242	2		1
NGC4374	12 25 3.7	12 53 13	FOC/48	IMAGE	512X512	F342W	3425	1	1200	1242	2		1
3C272.1	12 25 3.8	12 53 13	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C272.1	12 25 3.8	12 53 13	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
3C272.1	12 25 3.8	12 53 13	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C272.1-OFFSET	12 25 3.8	12 53 13*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
NGC4374F1	12 25 4.9	12 56 15	WFC	IMAGE	ALL	F555W		1	2700	1016	1		1
NGC4374F1	12 25 4.9	12 56 15	WFC	IMAGE	ALL	F785LP		1	2700	1016	1		1
PG1222+228	12 25 27.4	22 35 13	WFC	IMAGE	ANY	F128LP		1	1200	1028	1		1
PG1222+228	12 25 27.4	22 35 13	FOS/BL	ACCUM	0.5	G160L	1650	1	1000	1028	1		1
PG1222+228	12 25 27.4	22 35 13	FOS/BL	ACCUM	0.5	G130H	1300	1	3000	1028	2	CON	1
PG1222+228	12 25 27.4	22 35 13	FOS/RD	ACCUM	0.5	G190H	1900	1	2000	1028	2	CON	1
PG1222+228	12 25 27.4	22 35 13	FOS/RD	ACCUM	0.5	G270H	2700	1	4500	1028	1		1
PG1222+228	12 25 27.4	22 35 13	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1028	1	ACQ	1
PG1222+228	12 25 27.4	22 35 13	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1028	1	ACQ	1
PG1222+228	12 25 27.4	22 35 13	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1028	2	ACQ CON	1
PG1222+228	12 25 27.4	22 35 13	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1028	2	ACQ CON	1
1222+228	12 25 27.4	22 35 14	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
PKS1223+252	12 25 39.5	24 58 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1163	2	ACQ	1
PKS1223+252	12 25 39.5	24 58 36	FOS/BL	ACCUM	1.0	G270H	2766	1	600	1163	2		1
PKS1223+252	12 25 39.5	24 58 36	FOS/BL	ACCUM	1.0	G130H	1379	1	1800	1163	2		1
PKS1223+252	12 25 39.5	24 58 36	FOS/BL	ACCUM	1.0	G190H	1944	1	1200	1163	2		1
MK52	12 25 42.8	0 34 21	WFC	IMAGE	ALL	F336W		1	60	1187	3	ACQ	1
MK52	12 25 42.8	0 34 21	WFC	IMAGE	ALL	F569W		1	3	1187	3	ACQ	1
MK52	12 25 42.8	0 34 21	WFC	IMAGE	ALL	F664N		1	60	1187	3	ACQ	1
MK52	12 25 42.8	0 34 21	WFC	IMAGE	ALL	G450L		1	60	1187	3	ACQ	1
MK52	12 25 42.8	0 34 21	WFC	IMAGE	ALL	F230W		1	24	1187	3	ACQ	1
MK52	12 25 42.8	0 34 21	WFC	IMAGE	ALL	F230W		1	240	1187	3	ACQ	1
MK52	12 25 42.8	0 34 21	WFC	IMAGE	ALL	F336W		1	12	1187	3	ACQ	1
MK52	12 25 42.8	0 34 21	WFC	IMAGE	ALL	F439W		1	18	1187	3	ACQ	1
MK52	12 25 42.8	0 34 21	WFC	IMAGE	ALL	F675W		1	4	1187	3	ACQ	1
MK52	12 25 42.8	0 34 21	HRS	ACCUM	2.0	G140L	1300	1	1800	1187	3		1
MK52	12 25 42.8	0 34 21	HRS	ACCUM	2.0	G140L	1550	1	1500	1187	3		1
MK52	12 25 42.8	0 34 21	HRS	ACCUM	2.0	G140L	1800	1	2100	1187	3		1
MK52	12 25 42.8	0 34 21	HRS	ACCUM	2.0	G270M	2600	1	1019	1187	3		1
VCC833	12 25 44.7	13 1 6	FOC/96	IMAGE	512X512	F342W		1	300	1247	2		1
VCC833	12 25 44.7	13 1 6	FOC/288	IMAGE	512X512	F220W		1	600	1247	2		1
DW13D50	12 26 6.3	12 51 36	FOC/96	IMAGE	512X512	F342W		1	600	1247	2		1
DW13D50	12 26 6.3	12 51 36	FOC/288	IMAGE	512X512	F220W		1	1200	1247	2		1
NGC4406	12 26 11.8	12 56 49	FOC/288	IMAGE	512X512	F320W		1	600	1057	1	CON	1
NGC4406	12 26 11.8	12 56 49	FOC/96	IMAGE	512X512	F1ND F320W		1	600	1057	0		1
NGC4406	12 26 11.8	12 56 49	FOC/96	IMAGE	512X512	F1ND F502M		1	300	1057	0		1
NGC4406	12 26 11.8	12 56 49	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	7200	1057	1	CON	1
NGC4406	12 26 11.8	12 56 49	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	1	ACQ CON	1
IZW36	12 26 16.0	48 29 38	WFC	IMAGE	ALL	F850LP		1	1200	1246	1		1
IZW36	12 26 16.0	48 29 38	FOC/96	IMAGE	512X512	F342W		1	600	1246	1		1
IZW36	12 26 16.0	48 29 38	FOC/96	IMAGE	512X512	F165W		1	2100	1246	1		1
IZW36	12 26 16.0	48 29 38	FOC/96	IMAGE	512X512	F437M		1	1300	1246	1		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-A	1530	1	48	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-B	2370	1	12	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-A	1303	1	19	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-A	1356	1	45	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-A	1558	1	45	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-A	1240	1	26	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-A	1252	1	21	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-A	1334	1	26	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-A	1392	1	52	1071	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-A	1191	1	14	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-A	1547	1	55	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-B	1826	1	24	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-B	2024	1	14	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-B	2602	1	19	1071	2		1
HD108248	12 26 36.1	-63 5 56	HRS	WSCAN	0.25	ECH-B	1805	1	21	1071	2		1
NGC4449-SNR	12 28 10.9	44 6 48	WFC	IMAGE	ALL	F502N		1	400	1048	1	ACQ	1
NGC4449-SNR	12 28 10.9	44 6 48	WFC	IMAGE	ALL	F517N		1	150	1048	1	ACQ	1
NGC4449-SNRP1	12 28 10.9	44 6 48*	FOS/BL	ACCUM	0.3	G130H		1	1200	1048	1		1
NGC4449-SNRP1	12 28 10.9	44 6 48*	FOS/BL	ACCUM	0.3	G190H		1	750	1048	1		1
NGC4449-SNRP1	12 28 10.9	44 6 48*	FOS/RD	ACCUM	0.3	G270H		1	450	1048	1		1
NGC4449-SNRP1	12 28 10.9	44 6 48*	FOS/RD	ACCUM	0.3	G400H		1	450	1048	1		1
NGC4449-SNRP1	12 28 10.9	44 6 48*	FOS/RD	ACCUM	0.3	G570H		1	450	1048	1		1
STAR4-OFFSET	12 28 10.9	44 6 48*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1048	1	ACQ	1
HD108561-CALIB	12 28 18.5	4 23 48	FOC/288	IMAGE	512X512	F210M F6ND	2140	1	300	1227	0	CAL	1
HD108561-CALIB	12 28 18.5	4 23 48	FOC/288	IMAGE	256X256	F210M F6ND	2140	1	300	1227	2	CAL	1
1225+317	12 28 24.9	31 28 37	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
B21225+317	12 28 24.9	31 28 37	WFC	IMAGE	ANY	F128LP		1	1200	1028	2		1
B21225+317	12 28 24.9	31 28 37	FOS/RD	ACCUM	0.5	G270H	2700	1	3000	1028	2		1
B21225+317	12 28 24.9	31 28 37	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1028	2	ACQ	1
B2-1225+317	12 28 25.0	31 28 37	PC	IMAGE	ALL	F128LP		1	2125	1032	2	ACQ	1
B2-1225+317	12 28 25.0	31 28 37	PC	IMAGE	ALL	F850LP		1	2125	1032	2	ACQ	1
B2-1225+317	12 28 25.0	31 28 37	FOS/RD	ACCUM	0.5	G650L		1	840	1032	2	CON SEL	1
B2-1225+317	12 28 25.0	31 28 37	FOS/RD	ACCUM	0.5	PRISM		1	840	1032	2	CON SEL	1
B2-1225+317	12 28 25.0	31 28 37	FOS/RD	ACQ/BINA	4.3	MIRROR		1	6	1032	2	ACQ CON	1
B2-1225+317	12 28 25.0	31 28 37	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	7659	1032	2	CON SEL	1
B2-1225+317	12 28 25.0	31 28 37	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	7659	1032	2	CON SEL	1
B2-1225+317	12 28 25.0	31 28 37	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	30	1032	2	ACQ CON	1
SKY9	12 28 25.0	31 28 37*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	2125	1032	2	PAR	2
1226+105	12 28 36.9	10 18 43	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
3C273A	12 29 5.8	2 2 54	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C273A	12 29 5.8	2 2 54	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C273-KNOT-A	12 29 5.8	2 2 53*	FOS/RD	ACCUM	0.5	PRISM		1	800	1031	1		1
3C273-KNOT-A	12 29 5.8	2 2 53*	FOS/BL	ACCUM	0.5	G160L		1	3200	1031	1		1
3C273	12 29 6.7	2 3 8	WFC	IMAGE	ALL	F555W		1	2	1116	1		1
3C273	12 29 6.7	2 3 8	WFC	IMAGE	ALL	F675W		1	200	1116	1		1
3C273	12 29 6.7	2 3 8	WFC	IMAGE	ALL	F675W		1	1500	1116	1		1
3C273	12 29 6.7	2 3 8	WFC	IMAGE	ALL	F725LP		1	1	1116	1		1
PG1226+023	12 29 6.7	2 3 8	WFC	IMAGE	ALL	F702W		1	1000	1015	1		2
SKY-BG7	12 29 6.7	2 3 8*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
3C273	12 29 6.7	2 3 8	HSP/UV2	SINGLE	1.0	F140LP		1	60	1099	1		10
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL0	F216M		1	60	1099	1		4
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL0	F237M		1	60	1099	1		2
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL0	F277M		1	60	1099	1		11
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL0	F327M		1	60	1099	1		3
3C273	12 29 6.7	2 3 8	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1099	1	ACQ	10
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL45	F216M		1	60	1099	1		4
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL45	F237M		1	60	1099	1		2
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL45	F277M		1	60	1099	1		11
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL45	F327M		1	60	1099	1		3
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL90	F216M		1	60	1099	1		4
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL90	F237M		1	60	1099	1		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL90	F277M		1	60	1099	1		11
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL90	F327M		1	60	1099	1		3
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL135	F216M		1	60	1099	1		4
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL135	F237M		1	60	1099	1		2
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL135	F277M		1	60	1099	1		11
3C273	12 29 6.7	2 3 8	HSP/POL	SINGLE	POL135	F327M		1	60	1099	1		3
1226+023	12 29 6.7	2 3 9	PC	IMAGE	P8	F606W		1	0	1139	2		1
1226+023	12 29 6.7	2 3 9	PC	IMAGE	P8	F658N		1	40	1139	2		1
1226+023	12 29 6.7	2 3 9	PC	IMAGE	P8	F725LP		1	1	1139	2	ACQ	1
1226+023	12 29 6.7	2 3 9	PC	IMAGE	ALL-ND	F606W		1	400	1139	2		1
1226+023	12 29 6.7	2 3 9	PC	IMAGE	ALL-ND	F725LP		1	100	1139	2		1
1226+023INCA221-83	12 29 6.7	2 3 9	FGS	POS	2	F550W		1	51	1570	1		3
1226+023INCA221-83	12 29 6.7	2 3 9	FGS	POS	2	F550W		1	51	1570	2		3
PG1226+023	12 29 6.7	2 3 8	FOS/RD	ACQ/BINA	4.3	MIRROR		1	0	1018	1	ACQ	1
PG1226+023	12 29 6.7	2 3 8	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1018	2	ACQ	2
PG1226+023	12 29 6.7	2 3 8	FOS/BL	ACCUM	1.0	G130H	1379	1	1000	1018	0		1
PG1226+023	12 29 6.7	2 3 8	FOS/RD	ACCUM	1.0	G190H	1980	1	600	1018	1		1
PG1226+023	12 29 6.7	2 3 8	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1018	1		1
PG1226+023	12 29 6.7	2 3 8	FOS/RD	ACCUM	1.0	G650L	6232	1	60	1018	2		1
PG1226+023	12 29 6.7	2 3 8	FOS/RD	ACCUM	1.0	G400H	4013	1	240	1018	2		1
PG1226+023	12 29 6.7	2 3 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	0	1018	0	ACQ	1
3C273B	12 29 6.7	2 3 9	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C273B	12 29 6.7	2 3 9	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C273	12 29 6.7	2 3 8	WFC	IMAGE	ALL	F194W		1	1200	1031	0	ACQ	1
3C273	12 29 6.7	2 3 8	WFC	IMAGE	ALL	F230W		1	1200	1031	0	ACQ	1
3C273	12 29 6.7	2 3 8	WFC	IMAGE	ALL	G800L		1	1200	1031	0	ACQ	1
3C273	12 29 6.7	2 3 8	FOS/RD	ACCUM	0.5	G650L		1	120	1031	1		1
3C273	12 29 6.7	2 3 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1029	0	ACQ	1
3C273	12 29 6.7	2 3 8	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	0		2
3C273	12 29 6.7	2 3 8	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	0		1
3C273	12 29 6.7	2 3 8	FOS/BL	ACCUM	0.5	G130H	1379	1	1000	1029	0		1
3C273	12 29 6.7	2 3 8	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	5860	1031	1		1
3C273	12 29 6.7	2 3 8	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	0	1031	1	ACQ	1
3C273	12 29 6.7	2 3 8	FOS/RD	ACQ/BINA	4.3	MIRROR		1	0	1031	1	ACQ	1
3C273-CLOUD-A	12 29 6.7	2 3 8*	FOS/BL	ACCUM	0.5	G160L		1	600	1031	2		1
3C273-CLOUD-A	12 29 6.7	2 3 8*	FOS/RD	ACCUM	0.5	G650L		1	600	1031	2		1
3C273-CLOUD-B	12 29 6.7	2 3 8*	FOS/BL	ACCUM	0.5	G160L		1	600	1031	2		1
3C273-CLOUD-B	12 29 6.7	2 3 8*	FOS/RD	ACCUM	0.5	G650L		1	600	1031	2		1
3C273	12 29 6.7	2 3 8	FOC/96	IMAGE	512X512	F210M	2140	1	500	1227	0		1
3C273	12 29 6.7	2 3 8	FOC/288	IMAGE	512X512	F170M	1760	1	800	1227	0		1
3C273	12 29 6.7	2 3 8	FOC/288	IMAGE	512X512	F346M	3480	1	300	1227	0		1
3C273	12 29 6.7	2 3 8	FOC/288	IMAGE	512X512	F410M	4100	1	300	1227	0		1
3C273	12 29 6.7	2 3 8	FOC/288	IMAGE	256X256	F210M	2140	1	400	1227	2		1
3C273	12 29 6.7	2 3 8	FOC/288	IMAGE	512X512	F140M	1390	1	650	1227	0		1
3C273	12 29 6.7	2 3 8	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	800	1227	0		1
3C273	12 29 6.7	2 3 8	FOC/96	IMAGE	512X512	F210M F6ND	2140	1	300	1227	0		1
3C273	12 29 6.7	2 3 8	FOC/288	IMAGE	256X256	F210M F2ND	2140	1	800	1227	0		1
3C273	12 29 6.7	2 3 8	FOC/288	IMAGE	256X256	F210M F4ND	2140	1	800	1227	0		1
3C273	12 29 6.7	2 3 8	FOC/288	IMAGE	256X256	F210M F2ND	2140	1	800	1227	2		1
OFFSET-PG1226+023	12 29 6.7	2 3 8*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1018	2	ACQ	1
OFFSET-PG1226+023	12 29 6.7	2 3 8*	FOS/RD	ACCUM	1.0	G650L	6232	1	2500	1018	2		1
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G160M	1540	1	900	1140	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G270M	2800	1	600	1140	0		1
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G270M	2700	1	1080	1140	1		1
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G270M	2595	1	600	1140	0		1
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G160M	1315	1	1200	1140	0		1
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G160M	1375	1	1080	1140	1		4
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G140L	1322	1	600	1140	0		1
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G200M	1794	1	600	1140	0		1
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G160M	1408	1	1200	1140	0		1
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G160M	1253	1	1800	1140	0		1
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G160M	1284	1	1200	1140	0		1
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G160M	1346	1	1200	1140	0		1
3C273.0	12 29 6.8	2 3 8	HRS	ACCUM	2.0	G160M	1377	1	1200	1140	0		1
HD108714-CALIB	12 29 20.5	17 19 22	FOC/288	IMAGE	512X512	F220W F8ND	2200	1	300	1228	0	CAL	1
INCA221-83	12 29 22.2	1 58 40	FGS	POS	2	F550W		1	51	1570	1		2
INCA221-83	12 29 22.2	1 58 40	FGS	POS	2	F550W		1	51	1570	2		2
NGC4472F2	12 29 37.1	7 57 38	FOC/48	IMAGE	512X512	F342W		1	2700	1016	1	PAR	1
NGC4472F2	12 29 37.1	7 57 38	FOC/48	IMAGE	512X512	F430W		1	2700	1016	1	PAR	1
NGC4472	12 29 46.5	7 59 58	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC4472	12 29 46.5	7 59 58	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
NGC4472	12 29 46.5	7 59 58	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC4472	12 29 46.5	7 59 58	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC4472	12 29 46.5	7 59 58	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
NGC4472-NUC	12 29 46.7	8 0 2	PC	IMAGE	ALL	F555W		1	112	1118	1		1
NGC4472-NUC	12 29 46.7	8 0 2	PC	IMAGE	ALL	F555W		1	1120	1118	1		1
NGC4472-NUC	12 29 46.7	8 0 2	PC	IMAGE	ALL	F785LP		1	80	1118	1		1
NGC4472-NUC	12 29 46.7	8 0 2	PC	IMAGE	ALL	F785LP		1	800	1118	1		1
NGC4472	12 29 46.8	8 0 2	PC	IMAGE	ALL	F230W		1	1000	1041	0	ACQ	1
NGC4472	12 29 46.8	8 0 2	PC	IMAGE	ALL	F547M		1	200	1041	0	ACQ	1
NGC4472	12 29 46.8	8 0 2	PC	IMAGE	ALL	F664N		1	1000	1041	0	ACQ	1
NGC4472	12 29 46.8	8 0 2	FOS/BL	ACCUM	0.3	G160L		1	1000	1041	2	CON SEL	1
NGC4472	12 29 46.8	8 0 2	FOS/RD	ACCUM	0.3	G270H		1	500	1041	2	CON SEL	1
NGC4472	12 29 46.8	8 0 2	FOS/RD	ACCUM	0.3	G400H		1	200	1041	2	CON SEL	1
NGC4472	12 29 46.8	8 0 2	FOS/RD	ACCUM	0.3	G570H		1	200	1041	2	CON SEL	1
NGC4472	12 29 46.8	8 0 2	FOS/RD	ACCUM	0.25-PAIR	G570H		1	7300	1040	2		1
NGC4472-OFF	12 29 46.8	8 0 2*	FOS/BL	ACCUM	0.3	G160L		1	1000	1041	2	CON SEL	1
NGC4472-OFF	12 29 46.8	8 0 2*	FOS/RD	ACCUM	0.3	G270H		1	500	1041	2	CON SEL	1
NGC4472-OFF	12 29 46.8	8 0 2*	FOS/RD	ACCUM	0.3	G400H		1	200	1041	2	CON SEL	1
NGC4472-OFF	12 29 46.8	8 0 2*	FOS/RD	ACCUM	0.3	G570H		1	200	1041	2	CON SEL	1
NGC4472-OFFSET-STAR	12 29 46.8	8 0 2*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1040	2	ACQ	1
NGC4472-OFFSET-STAR	12 29 46.8	8 0 2*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1041	2	ACQ CON	1
NGC4472-POS1	12 29 46.8	8 0 1*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	7300	1040	2	CON	1
NGC4472-POS2	12 29 46.8	8 0 1*	FOS/RD	ACCUM	0.5-PAIR	G570H		1	1900	1040	2		1
NGC4472-OFFSET-STARS -FIELD	12 29 48.5	8 0 48*	WFC	IMAGE	ALL	F606W		1	15	1040	0	ACQ	1
POINT1226+023INCA221 -83	12 29 50.5	2 7 41	S/C	POINTING	V1			1	0	1570	1		1
POINT1226+023INCA221 -83	12 29 50.5	2 7 41	S/C	POINTING	V1			1	0	1570	2		1
NGC4472F1	12 29 55.5	8 2 21	WFC	IMAGE	ALL	F555W		1	2700	1016	1		1
NGC4472F1	12 29 55.5	8 2 21	WFC	IMAGE	ALL	F785LP		1	2700	1016	1		1
NGC4476	12 29 59.0	12 20 56	WFC	IMAGE	ALL	F555W		1	30	1105	3		1
NGC4476	12 29 59.0	12 20 56	WFC	IMAGE	ALL	F702W		1	30	1105	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4476	12 29 59.0	12 20 56	WFC	IMAGE	ALL	F555W		1	230	1105	3		1
NGC4476	12 29 59.0	12 20 56	WFC	IMAGE	ALL	F555W		1	1400	1105	3		1
NGC4476	12 29 59.0	12 20 56	WFC	IMAGE	ALL	F702W		1	230	1105	3		1
NGC4476	12 29 59.0	12 20 56	WFC	IMAGE	ALL	F702W		1	1400	1105	3		1
NGC4476	12 29 59.0	12 20 56	WFC	IMAGE	ALL	F785LP		1	30	1105	3		1
NGC4476	12 29 59.0	12 20 56	WFC	IMAGE	ALL	F785LP		1	230	1105	3		1
NGC4476	12 29 59.0	12 20 56	WFC	IMAGE	ALL	F785LP		1	1400	1105	3		1
M87AA	12 30 47.9	12 23 33	FOC/96	IMAGE	512X512	F220W		1	1200	1228	0		1
M87AA	12 30 47.9	12 23 33	FOC/96	IMAGE	512X512	F502M		1	1200	1228	0		1
M87AA	12 30 47.9	12 23 33	FOC/96	IMAGE	512X512	F320W POL0		1	2700	1228	2		1
M87AA	12 30 47.9	12 23 33	FOC/96	IMAGE	512X512	F320W POL60		1	2700	1228	2		1
M87AA	12 30 47.9	12 23 33	FOC/96	IMAGE	512X512	F320W POL120		1	2700	1228	2		1
OFFM87AA	12 30 47.9	12 23 33*	WFC	IMAGE	ALL	F128LP		1	2400	1228	0	PAR	1
M87-OFFSET-STARS-FIELD	12 30 48.4	12 22 38*	WFC	IMAGE	ALL	F606W		1	15	1034	0	ACQ	1
NGC4486-FIELD	12 30 48.5	12 22 43	WFC	IMAGE	ALL	F439W	4353	1	15	1029	1	ACQ	1
M87-JET-KNOT-B	12 30 48.5	12 23 33*	FOS/BL	ACCUM	1.0	G160L		1	1300	1034	1	SEL	1
M87-JET-KNOT-B	12 30 48.5	12 23 33*	FOS/RD	ACCUM	1.0	PRISM		1	1200	1034	1	CON SEL	1
M87A	12 30 48.6	12 23 33	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
M87A	12 30 48.6	12 23 33	FOC/288	IMAGE	512X512	F220W		1	2100	1228	0		1
M87A	12 30 48.6	12 23 33	FOC/288	IMAGE	512X512	F140W		2	2400	1228	0		1
M87A	12 30 48.6	12 23 33	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
OFFM87A	12 30 48.6	12 23 33*	WFC	IMAGE	ALL	F128LP		2	2400	1228	1	PAR	1
M87-JET-KNOT-A	12 30 48.6	12 23 32*	FOS/BL	ACCUM	1.0	G130H		1	1200	1034	1		1
M87-JET-KNOT-A	12 30 48.6	12 23 32*	FOS/BL	ACCUM	1.0	G190H		1	1200	1034	1		1
M87-JET-KNOT-A	12 30 48.6	12 23 32*	FOS/BL	ACCUM	1.0	G130H		1	3100	1034	2	CON	1
M87-JET	12 30 48.6	12 23 32	HSP/POL	SINGLE	POL0	F277M		1	60	1099	1		20
M87-JET	12 30 48.6	12 23 32	HSP/POL	SINGLE	POL45	F277M		1	60	1099	1		20
M87-JET	12 30 48.6	12 23 32	HSP/POL	SINGLE	POL90	F277M		1	60	1099	1		20
M87-JET	12 30 48.6	12 23 32	HSP/POL	SINGLE	POL135	F277M		1	60	1099	1		20
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F439W		1	30	1105	1		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F555W		1	1000	1105	1		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F230W		1	100	1105	2		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F336W		1	100	1105	2		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F675W		1	20	1105	3		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F675W		1	200	1105	3		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F194W		1	1800	1105	1		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F284W		1	1800	1105	1		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F439W		1	1400	1105	1		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F555W		1	15	1105	1		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F230W		1	1800	1105	2		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F336W		1	1800	1105	2		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F785LP		1	30	1105	1		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F785LP		1	800	1105	1		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F850LP		1	120	1105	3		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F850LP		1	1200	1105	3		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F606W POL0		1	60	1105	2		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F606W POL0		1	600	1105	2		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F606W POL60		1	60	1105	2		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F606W POL60		1	600	1105	2		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F606W POL120		1	60	1105	2		1
NGC4486	12 30 48.9	12 23 31	PC	IMAGE	ALL	F606W POL120		1	600	1105	2		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
M87-JET-KNOT-D	12 30 49.2	12 23 29*	FOS/BL	ACCUM	0.5	G160L		1	1300	1034	1	SEL	1
M87-JET-KNOT-D	12 30 49.2	12 23 29*	FOS/RD	ACCUM	0.5	PRISM		1	1200	1034	1	SEL	1
NGC4486	12 30 49.4	12 23 24	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC4486	12 30 49.4	12 23 24	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
NGC4486-POS4	12 30 49.4	12 23 29*	FOS/RD	ACCUM	0.5-PAIR	G570H		1	3645	1040	1		1
NGC4486-POS3	12 30 49.4	12 23 29*	FOS/RD	ACCUM	0.5-PAIR	G570H		1	2650	1040	1	CON	1
NGC4486-POS2	12 30 49.4	12 23 28*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	9970	1040	1		1
NGC4486-POS1	12 30 49.4	12 23 28*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	8340	1040	1	CON	1
M87	12 30 49.4	12 23 28	PC	IMAGE	ALL	F194W		1	3000	1034	0	ACQ	1
M87	12 30 49.4	12 23 28	PC	IMAGE	ALL	F664N		2	500	1034	0	ACQ	1
M87	12 30 49.4	12 23 28	PC	IMAGE	ALL	F336W		1	150	1034	0	ACQ	1
M87	12 30 49.4	12 23 28	PC	IMAGE	ALL	F375N		1	750	1034	0	ACQ	1
M87	12 30 49.4	12 23 28	PC	IMAGE	ALL	F547M		2	150	1034	0	ACQ	1
M87	12 30 49.4	12 23 28	FOS/BL	ACCUM	0.3	G130H		1	600	1034	1		1
M87	12 30 49.4	12 23 28	FOS/RD	ACCUM	0.3	G270H		1	600	1034	1		1
M87	12 30 49.4	12 23 28	FOS/RD	ACCUM	0.3	G400H		1	600	1034	1		1
M87	12 30 49.4	12 23 28	FOS/BL	ACCUM	0.3	G190H		1	600	1034	1	ACQ	1
M87	12 30 49.4	12 23 28	FOS/BL	ACCUM	0.3	G130H		1	3100	1034	1		1
M87-CLOUD-A	12 30 49.4	12 23 28*	FOS/BL	ACCUM	0.3	G130H		1	600	1034	1		1
M87-CLOUD-A	12 30 49.4	12 23 28*	FOS/BL	ACCUM	0.3	G190H		1	600	1034	1		1
M87-CLOUD-A	12 30 49.4	12 23 28*	FOS/RD	ACCUM	0.3	G270H		1	600	1034	1		1
M87-CLOUD-A	12 30 49.4	12 23 28*	FOS/RD	ACCUM	0.3	G400H		1	600	1034	1		1
M87-CLOUD-A	12 30 49.4	12 23 28*	FOS/RD	ACCUM	0.3	G570H		1	600	1034	1		1
M87-CLOUD-B	12 30 49.4	12 23 28*	FOS/RD	ACCUM	0.3	G570H		1	600	1034	2		1
M87-CLOUD-C	12 30 49.4	12 23 28*	FOS/RD	ACCUM	0.3	G570H		1	600	1034	2		1
M87-CLOUD-D	12 30 49.4	12 23 28*	FOS/RD	ACCUM	0.3	G570H		1	600	1034	2		1
M87-OFFSET-STAR	12 30 49.4	12 23 28*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1040	1	ACQ	1
M87-OFFSET-STAR	12 30 49.4	12 23 28*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	84	1034	1	ACQ	1
M87-OFFSET-STAR	12 30 49.4	12 23 28*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	22	1034	1	ACQ	1
NGC4486	12 30 49.4	12 23 28	FOS/RD	ACCUM	0.25-PAIR	G570H		1	7260	1040	1		1
M87N	12 30 49.4	12 23 28	FOC/96	IMAGE	512X512	F501N		2	900	1228	0		1
M87N	12 30 49.4	12 23 28	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
M87N	12 30 49.4	12 23 28	FOC/288	IMAGE	512X512	F220W		1	2400	1228	0		1
M87N	12 30 49.4	12 23 28	FOC/288	IMAGE	512X512	F140W		2	2400	1228	0		1
M87N	12 30 49.4	12 23 28	FOC/96	OCC	512X512-F0.4	F430W		2	600	1228	0		1
M87N	12 30 49.4	12 23 28	FOC/96	IMAGE	512X512	F275W	2720	1	400	1228	0		1
M87N	12 30 49.4	12 23 28	FOC/96	IMAGE	512X512	F430W	4080	1	600	1228	0		1
M87N	12 30 49.4	12 23 28	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1000	1228	0		1
M87N	12 30 49.4	12 23 28	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	3000	1228	0		1
M87N	12 30 49.4	12 23 28	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
OFFM87N	12 30 49.4	12 23 28*	WFC	IMAGE	ALL	F664N		1	3600	1228	0	PAR	1
OFFM87N	12 30 49.4	12 23 28*	WFC	IMAGE	ALL	F664N		3	2700	1228	2	PAR	1
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL0	F216M		1	60	1099	1		1
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL0	F237M		1	60	1099	1		1
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL0	F277M		1	60	1099	1		10
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL0	F327M		1	60	1099	1		1
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL45	F216M		1	60	1099	1		1
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL45	F237M		1	60	1099	1		1
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL45	F277M		1	60	1099	1		10
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL45	F327M		1	60	1099	1		1
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL90	F216M		1	60	1099	1		1
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL90	F237M		1	60	1099	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL90	F277M		1	60	1099	1		10
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL90	F327M		1	60	1099	1		1
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL135	F216M		1	60	1099	1		1
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL135	F237M		1	60	1099	1		1
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL135	F277M		1	60	1099	1		10
M87-NUC	12 30 49.4	12 23 28	HSP/POL	SINGLE	POL135	F327M		1	60	1099	1		1
NGC4486	12 30 49.4	12 23 28	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	1		2
NGC4486	12 30 49.4	12 23 28	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	1		1
NGC4486-OFFSET	12 30 49.4	12 23 28*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	1	ACQ	1
NGC4486	12 30 49.5	12 23 28	FOC/96	IMAGE	512X1024	F430W		1	9000	1284	2		1
NGC4486	12 30 49.5	12 23 28	FOC/96	IMAGE	512X1024	F480LP		1	9000	1284	2		1
NGC4486-PAR	12 30 49.5	12 23 28	WFC	IMAGE	ALL	F555W		1	9000	1284	1	PAR	1
NGC4486-PAR	12 30 49.5	12 23 28	WFC	IMAGE	ALL	F785LP		1	9000	1284	1	PAR	1
HD108903	12 31 9.9	-57 6 48	HRS	ACCUM	2.0	G140L	1550	1	354	1195	1		1
HD108903	12 31 9.9	-57 6 48	HRS	ACCUM	2.0	G140L	1800	1	354	1195	1		1
HD108903	12 31 9.9	-57 6 48	HRS	ACCUM	2.0	G200M	1655	1	300	1195	1		1
HD108903	12 31 9.9	-57 6 48	HRS	ACCUM	2.0	G140L	1314	1	546	1195	1		1
HD108903	12 31 9.9	-57 6 48	HRS	ACCUM	2.0	G200M	1994	1	435	1195	1		1
HD108903	12 31 9.9	-57 6 48	HRS	WSCAN	2.0	G270M	2106	1	1104	1195	1		1
HD108903	12 31 9.9	-57 6 48	HRS	ACCUM	0.25	ECH-B20	2759	1	273	1195	1		1
HD108903	12 31 9.9	-57 6 48	HRS	ACCUM	0.25	ECH-B20	2772	1	273	1195	1		1
HD108903	12 31 9.9	-57 6 48	HRS	ACCUM	0.25	ECH-B20	2799	1	84	1195	1		1
HD108903	12 31 9.9	-57 6 48	HRS	ACCUM	0.25	ECH-B21	2736	1	192	1195	1		1
HD108903	12 31 9.9	-57 6 48	HRS	ACCUM	0.25	ECH-B22	2596	1	468	1195	1		1
HD108903	12 31 9.9	-57 6 48	HRS	ACCUM	0.25	ECH-B24	2327	1	816	1195	1		1
HD109011	12 31 18.9	55 7 8	HRS	ACCUM	2.0	G140L	1430	2	150	1210	0		1
DW10D43	12 31 47.1	10 40 9	FOC/96	IMAGE	512X512	F342W		1	300	1247	2		1
DW10D43	12 31 47.1	10 40 9	FOC/288	IMAGE	512X512	F220W		1	600	1247	2		1
PKS1229-021	12 32 0.0	-2 24 5	WFC	IMAGE	ANY	F128LP		1	1200	1193	1		1
PKS1229-021	12 32 0.0	-2 24 5	FOS/RD	ACCUM	1.0	G160L	1675	1	1000	1193	1		1
PKS1229-021	12 32 0.0	-2 24 5	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1193	1	ACQ	1
PKS1229-021	12 32 0.0	-2 24 5	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1193	2	ACQ	1
PKS1229-021	12 32 0.0	-2 24 5	FOS/RD	ACCUM	1.0	G190H	1943	1	4000	1193	2		1
1229-012	12 32 0.0	-2 24 6	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
OFFSET-1229+204	12 32 3.3	20 9 25*	FOS/RD	ACCUM	2.0-BAR	PRISM	3675	1	1800	1154	0		1
1229+204	12 32 3.6	20 9 30	FOS/RD	ACCUM	4.3	G650L	6450	1	30	1154	0		1
1229+204	12 32 3.6	20 9 30	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1154	0	ACQ	1
1229+204	12 32 3.6	20 9 30	FOS/RD	ACCUM	2.0-BAR	G650L	6450	1	1800	1154	0		1
SAO138840	12 33 2.6	-2 17 24	WFC	IMAGE	ALL	F569W		1	0	1082	2	ACQ	2
SAO138840	12 33 2.6	-2 17 24	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	2		2
NGC4526F1	12 34 1.3	7 44 45	WFC	IMAGE	ALL	F555W		1	2700	1016	1		1
NGC4526F1	12 34 1.3	7 44 45	WFC	IMAGE	ALL	F785LP		1	2700	1016	1		1
NGC4526F2	12 34 8.5	7 38 26	FOC/48	IMAGE	512X512	F342W		1	2700	1016	1	PAR	1
NGC4526F2	12 34 8.5	7 38 26	FOC/48	IMAGE	512X512	F430W		1	2700	1016	1	PAR	1
NGC4535-180N	12 34 20.3	8 14 53*	WFC	IMAGE	ALL	F336W		1	2300	1119	2		1
NGC4535-180N	12 34 20.3	8 14 53*	WFC	IMAGE	ALL	F555W		1	2300	1119	2		12
NGC4535-180N	12 34 20.3	8 14 53*	WFC	IMAGE	ALL	F785LP		1	2300	1119	2		6
NGC4507	12 35 36.7	-39 54 34	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	2		1
NGC4507	12 35 36.7	-39 54 34	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	2		1
NGC4507	12 35 36.7	-39 54 34	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
NGC4507	12 35 36.7	-39 54 34	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	400	1227	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4552-NUC	12 35 39.8	12 33 23	PC	IMAGE	ALL	F555W		1	420	1118	2		1
NGC4552-NUC	12 35 39.8	12 33 23	PC	IMAGE	ALL	F785LP		1	30	1118	2		1
NGC4552-NUC	12 35 39.8	12 33 23	PC	IMAGE	ALL	F785LP		1	300	1118	2		1
NGC4552-NUC	12 35 39.8	12 33 23	PC	IMAGE	ALL	F555W		1	41	1118	2		1
NGC4552-POS1	12 35 39.9	12 35 30*	WFC	IMAGE	ALL	F555W		1	2200	1114	2		1
NGC4552-POS1	12 35 39.9	12 35 30*	WFC	IMAGE	ALL	F785LP		1	2500	1114	2		1
NGC4552	12 35 39.9	12 33 25	FOC/96	IMAGE	512X512	F320W		1	600	1057	3		1
NGC4552	12 35 39.9	12 33 25	FOC/96	IMAGE	512X512	F502M		1	300	1057	3		1
NGC4552	12 35 39.9	12 33 25	FOC/288	IMAGE	512X512	F320W		1	600	1057	3	CON	1
NGC4552	12 35 39.9	12 33 25	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	3	CON	1
NGC4552	12 35 39.9	12 33 25	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	3	ACQ CON	1
NGC4559-215N-171W	12 35 44.4	28 1 27*	WFC	IMAGE	ALL	F336W		1	2300	1119	3		1
NGC4559-215N-171W	12 35 44.4	28 1 27*	WFC	IMAGE	ALL	F555W		1	2300	1119	3		12
NGC4559-215N-171W	12 35 44.4	28 1 27*	WFC	IMAGE	ALL	F785LP		1	2300	1119	3		4
NGC4565-BULGE	12 36 20.6	25 59 12	WFC	IMAGE	ALL	F555W		1	180	1118	2		1
NGC4565-BULGE	12 36 20.6	25 59 12	WFC	IMAGE	ALL	F555W		1	1800	1118	2		1
NGC4565-BULGE	12 36 20.6	25 59 12	WFC	IMAGE	ALL	F785LP		1	120	1118	2		1
NGC4565-BULGE	12 36 20.6	25 59 12	WFC	IMAGE	ALL	F785LP		1	1200	1118	2		1
NGC4590	12 39 28.0	-26 44 35	PC	IMAGE	ALL	F555W		1	14	1019	2		1
NGC4590	12 39 28.0	-26 44 35	PC	IMAGE	ALL	F785LP		1	14	1019	2		1
HD110073	12 39 52.5	-39 59 15	HRS	ACCUM	0.25	ECH-B	2536	1	100	1182	2		1
HD110073	12 39 52.5	-39 59 15	HRS	ACCUM	0.25	ECH-A	1362	1	290	1182	2		1
HD110073	12 39 52.5	-39 59 15	HRS	ACCUM	0.25	ECH-B	1942	1	139	1182	2		1
HD110073	12 39 52.5	-39 59 15	HRS	ACCUM	0.25	ECH-B	1849	1	161	1182	2		1
NGC4594	12 39 59.0	-11 37 28	FOC/288	IMAGE	512X512	F275W		1	1800	1056	1	CON	1
NGC4594	12 39 59.0	-11 37 28	FOC/96	IMAGE	512X512	F1ND F275W		1	900	1056	0		1
NGC4594	12 39 59.0	-11 37 28	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	1	CON	1
NGC4594-QSO	12 39 59.0	-11 37 28	FOS/BL	ACCUM	1.0	G270H		1	2000	1043	3		1
NGC4594-QSO	12 39 59.0	-11 37 28	FOS/BL	ACCUM	1.0	G130H		4	2000	1043	3		1
NGC4594-QSO	12 39 59.0	-11 37 28	FOS/BL	ACQ/BINA	4.3	MIRROR		1	26	1043	3	ACQ	1
NGC4594-NUC	12 39 59.4	-11 37 23	PC	IMAGE	ALL	F555W		1	266	1118	1		1
NGC4594-NUC	12 39 59.4	-11 37 23	PC	IMAGE	ALL	F785LP		1	19	1118	1		1
NGC4594-NUC	12 39 59.4	-11 37 23	PC	IMAGE	ALL	F555W		1	26	1118	1		1
NGC4594-NUC	12 39 59.4	-11 37 23	PC	IMAGE	ALL	F785LP		1	189	1118	1		1
NGC4627	12 41 59.7	32 34 25	FOC/48	IMAGE	512X512	F342W		1	400	1248	2		1
NGC4627	12 41 59.7	32 34 25	FOC/48	IMAGE	512X512	F430W		1	600	1248	2		1
NGC4627	12 41 59.7	32 34 25	FOC/48	IMAGE	512X512	F150W		1	1300	1248	2		1
NGC4621-NUC	12 42 2.4	11 38 48	PC	IMAGE	ALL	F785LP		1	11	1118	1		1
NGC4621-NUC	12 42 2.4	11 38 48	PC	IMAGE	ALL	F785LP		1	110	1118	1		1
NGC4621-NUC	12 42 2.4	11 38 48	PC	IMAGE	ALL	F555W		1	15	1118	1		1
NGC4621-NUC	12 42 2.4	11 38 48	PC	IMAGE	ALL	F555W		1	153	1118	1		1
NGC4621	12 42 2.5	11 38 49	FOC/96	IMAGE	512X512	F320W		1	600	1057	1		1
NGC4621	12 42 2.5	11 38 49	FOC/96	IMAGE	512X512	F502M		1	300	1057	1		1
NGC4621	12 42 2.5	11 38 49	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC4621	12 42 2.5	11 38 49	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC4621	12 42 2.5	11 38 49	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
NGC4649-NUC	12 43 40.1	11 33 8	PC	IMAGE	ALL	F555W		1	98	1118	1		1
NGC4649-NUC	12 43 40.1	11 33 8	PC	IMAGE	ALL	F785LP		1	70	1118	1		1
NGC4649-NUC	12 43 40.1	11 33 8	PC	IMAGE	ALL	F785LP		1	700	1118	1		1
NGC4649-NUC	12 43 40.1	11 33 8	PC	IMAGE	ALL	F555W		1	979	1118	1		1
NGC4649	12 43 40.2	11 32 58	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC4649	12 43 40.2	11 32 58	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4649	12 43 40.2	11 32 58	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC4649	12 43 40.2	11 32 58	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC4649	12 43 40.2	11 32 58	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
NGC4649-POS1	12 43 54.9	11 33 3*	WFC	IMAGE	ALL	F555W		1	2200	1114	1		1
NGC4649-POS1	12 43 54.9	11 33 3*	WFC	IMAGE	ALL	F785LP		1	2500	1114	1		1
NGC4649-POS2	12 44 5.7	11 33 4*	WFC	IMAGE	ALL	F555W		1	2200	1114	2		1
NGC4649-POS2	12 44 5.7	11 33 4*	WFC	IMAGE	ALL	F785LP		1	2500	1114	2		1
PG1241+176	12 44 10.8	17 21 5	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
PG1241+176	12 44 10.8	17 21 5	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
HD110897	12 44 59.8	39 16 44	HRS	ACCUM	0.25	G270M	2497	2	420	1064	3	CON SEL	1
NGC4697	12 48 35.6	-5 48 10	FOC/96	IMAGE	512X512	F320W		1	600	1057	3		1
NGC4697	12 48 35.6	-5 48 10	FOC/96	IMAGE	512X512	F502M		1	300	1057	3		1
NGC4697	12 48 35.6	-5 48 10	FOC/288	IMAGE	512X512	F320W		1	600	1057	3	CON	1
NGC4697	12 48 35.6	-5 48 10	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	3	CON	1
NGC4697	12 48 35.6	-5 48 10	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	3	ACQ CON	1
NGC4696	12 48 49.3	-41 18 40	FOC/96	IMAGE	512X1024	F430W		2	600	1242	1		1
NGC4696	12 48 49.3	-41 18 40	FOC/96	IMAGE	512X1024	F372M		4	600	1242	1		1
NGC4696	12 48 49.3	-41 18 40	FOC/96	IMAGE	512X1024	F342W	3425	2	600	1242	1		1
NGC4696-OFFSET	12 48 50.8	-41 18 39*	FOC/96	IMAGE	512X512	F372M		1	900	1251	2		1
NGC4696-OFFSET	12 48 50.8	-41 18 39*	FOC/96	IMAGE	512X512	F502M		1	900	1251	2		1
NGC4696-OFFSET	12 48 50.8	-41 18 39*	FOC/48	SPEC	256X1024-SLIT	F305LP	4000	1	7200	1251	2		1
1246-057	12 49 13.8	-5 59 19	WFC	IMAGE	ANY	F128LP		1	1200	1028	2		1
1246-057	12 49 13.8	-5 59 19	FOS/BL	ACCUM	0.5	PRISM	3500	1	500	1028	1		1
1246-057	12 49 13.8	-5 59 19	FOS/BL	ACCUM	0.5	G160L	1650	1	1000	1028	1		1
1246-057	12 49 13.8	-5 59 19	FOS/BL	ACCUM	0.5	G130H	1300	1	3000	1028	2	CON	1
1246-057	12 49 13.8	-5 59 19	FOS/BL	ACCUM	0.5	G190H	1900	1	2000	1028	2	CON	1
1246-057	12 49 13.8	-5 59 19	FOS/BL	ACCUM	0.5	G270H	2700	1	1000	1028	2	CON	1
1246-057	12 49 13.8	-5 59 19	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1028	1	ACQ	1
1246-057	12 49 13.8	-5 59 19	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1028	2	ACQ CON	1
1246-057	12 49 14.0	-5 59 19	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
PG1247+267	12 50 5.7	26 31 8	FOS/BL	ACCUM	0.5	G160L	1650	1	1000	1028	2		1
PG1247+267	12 50 5.7	26 31 8	FOS/BL	ACCUM	0.5	G130H	1300	1	3000	1028	2	CON	1
PG1247+267	12 50 5.7	26 31 8	FOS/RD	ACCUM	0.5	G190H	1900	1	2000	1028	2	CON	1
PG1247+267	12 50 5.7	26 31 8	FOS/RD	ACCUM	0.5	G270H	2700	1	4500	1028	2		1
PG1247+267	12 50 5.7	26 31 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1028	2	ACQ	1
PG1247+267	12 50 5.7	26 31 8	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1028	2	ACQ	1
PG1247+267	12 50 5.7	26 31 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1028	2	ACQ CON	1
5C12.4	12 50 45.7	34 40 29	FOC/96	IMAGE	512X512	F342W	3360	1	2790	1245	1		1
NGC4736-NUC	12 50 53.2	41 7 13	PC	IMAGE	ALL	F785LP		1	11	1118	2		1
NGC4736-NUC	12 50 53.2	41 7 13	PC	IMAGE	ALL	F785LP		1	110	1118	2		1
NGC4736-NUC	12 50 53.2	41 7 13	PC	IMAGE	ALL	F555W		1	15	1118	2		1
NGC4736-NUC	12 50 53.2	41 7 13	PC	IMAGE	ALL	F555W		1	153	1118	2		1
NGC4736	12 50 53.4	41 7 10	FOC/96	IMAGE	512X512	F275W		1	900	1056	2		1
NGC4736	12 50 53.4	41 7 10	FOC/288	IMAGE	512X512	F275W		1	1800	1056	2	CON SEL	1
NGC4736	12 50 53.4	41 7 10	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	2	CON SEL	1
NGC4753	12 52 21.9	-1 11 59	WFC	IMAGE	ALL	F555W		1	30	1105	3		1
NGC4753	12 52 21.9	-1 11 59	WFC	IMAGE	ALL	F555W		1	230	1105	3		1
NGC4753	12 52 21.9	-1 11 59	WFC	IMAGE	ALL	F555W		1	1400	1105	3		1
EX-HYA	12 52 24.6	-29 14 57	HSP/UV1	PRISM	1.0	F248M/F135W		1	6120	1090	1		1
LS00305	12 52 26.0	-3 57 5	WFC	IMAGE	ALL	F569W		1	0	1082	3	ACQ	2
LS00305	12 52 26.0	-3 57 5	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	3		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
LS00387	12 53 4.9	-4 20 35	WFC	IMAGE	ALL	F569W		1	0	1082	3	ACQ	3
LS00387	12 53 4.9	-4 20 35	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	3		2
3C277.2	12 53 33.7	15 42 35	WFC	IMAGE	ALL	F555W		1	2700	1070	1		1
3C277.2	12 53 33.7	15 42 35	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
3C277.3	12 54 12.1	27 37 31	FOC/96	IMAGE	512X512	F320W		1	600	1228	1		1
3C277.3	12 54 12.1	27 37 31	FOC/96	IMAGE	512X512	F550M		1	900	1228	1		1
3C277.3	12 54 12.1	27 37 31	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
3C277.3	12 54 12.1	27 37 31	FOC/96	IMAGE	512X512	F502M		1	600	1228	2		1
3C277.3	12 54 12.1	27 37 31	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C277.3	12 54 12.1	27 37 31	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
3C277.3	12 54 12.1	27 37 31	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C277.3	12 54 12.1	27 37 31	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
3C278	12 54 37.3	-12 33 22	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C278	12 54 37.3	-12 33 22	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C278	12 54 37.3	-12 33 22	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C279	12 56 11.1	-5 47 21	HSP/UV2	STAR-SKY	0.4	F140LP		1	60	1099	1		10
3C279	12 56 11.1	-5 47 21	HSP/POL	STAR-SKY	POL0	F277M		1	66	1099	1		10
3C279	12 56 11.1	-5 47 21	HSP/POL	STAR-SKY	POL45	F277M		1	66	1099	1		10
3C279	12 56 11.1	-5 47 21	HSP/POL	STAR-SKY	POL90	F277M		1	66	1099	1		10
3C279	12 56 11.1	-5 47 21	HSP/POL	STAR-SKY	POL135	F277M		1	66	1099	1		10
3C279	12 56 11.2	-5 47 21	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C279	12 56 11.2	-5 47 21	FOC/288	IMAGE	512X512	F320W		1	2400	1228	0		1
3C279	12 56 11.2	-5 47 21	FOC/288	IMAGE	512X512	F370LP		1	2400	1228	0		1
3C279	12 56 11.2	-5 47 21	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
MRK231	12 56 14.4	56 52 25	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		2
MRK231	12 56 14.4	56 52 25	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		1
MRK231-FIELD	12 56 14.4	56 52 25	WFC	IMAGE	ALL	F439W	4353	1	15	1029	2	ACQ	1
MRK231-OFFSET	12 56 14.4	56 52 25*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
MKN231	12 56 14.4	56 52 25	FOC/48	SPEC	256X1024-SLIT	G450M	4400	1	1100	1231	2		1
FJ1083-10	12 56 35.9	-4 29 10	WFC	IMAGE	ALL	F569W		1	0	1083	2	ACQ	2
FJ1083-10	12 56 35.9	-4 29 10	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
NGC4826	12 56 43.5	21 40 59	WFC	IMAGE	ALL	F555W		1	30	1105	3		1
NGC4826	12 56 43.5	21 40 59	WFC	IMAGE	ALL	F702W		1	30	1105	3		1
NGC4826	12 56 43.5	21 40 59	WFC	IMAGE	ALL	F555W		1	230	1105	3		1
NGC4826	12 56 43.5	21 40 59	WFC	IMAGE	ALL	F555W		1	1400	1105	3		1
NGC4826	12 56 43.5	21 40 59	WFC	IMAGE	ALL	F702W		1	230	1105	3		1
NGC4826	12 56 43.5	21 40 59	WFC	IMAGE	ALL	F702W		1	1400	1105	3		1
NGC4826	12 56 43.5	21 40 59	WFC	IMAGE	ALL	F785LP		1	30	1105	3		1
NGC4826	12 56 43.5	21 40 59	WFC	IMAGE	ALL	F785LP		1	230	1105	3		1
NGC4826	12 56 43.5	21 40 59	WFC	IMAGE	ALL	F785LP		1	1400	1105	3		1
3C280	12 56 57.9	47 20 21	WFC	IMAGE	ALL	F622W		1	2700	1070	1		1
3C280	12 56 57.9	47 20 21	WFC	IMAGE	ALL	F850LP		1	2700	1070	1		1
1256+357	12 58 29.8	35 28 43	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
NGC4874	12 59 35.6	27 57 38	PC	IMAGE	ALL	F157W		1	700	1157	0		1
NGC4874	12 59 35.6	27 57 38	PC	IMAGE	ALL	F336W		1	300	1157	0		1
NGC4874	12 59 35.6	27 57 38	PC	IMAGE	ALL	F675W		1	150	1157	0		1
NGC4881-POS1	12 59 57.6	28 15 37*	WFC	IMAGE	ALL	F555W		1	2200	1114	1		1
NGC4881-POS1	12 59 57.6	28 15 37*	WFC	IMAGE	ALL	F785LP		1	2500	1114	1		1
GX304-1	13 0 14.5	61 3 50	HSP/UV1	PRISM	1.0	F248M/F135W		1	3000	1091	1		1
IC4051-POS1	13 0 58.0	28 0 28*	WFC	IMAGE	ALL	F555W		1	2200	1114	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
IC4051-POS1	13 0 58.0	28 0 28*	WFC	IMAGE	ALL	F785LP		1	2500	1114	3		1
B234	13 3 3.3	35 51 28	WFC	IMAGE	ALL	F555W		1	60	1116	1		1
B234	13 3 3.3	35 51 28	WFC	IMAGE	ALL	F725LP		1	40	1116	1		1
B234	13 3 3.3	35 51 28	WFC	IMAGE	ALL	F725LP		1	162	1116	1		1
B234	13 3 3.3	35 51 28	WFC	IMAGE	ALL	F725LP		1	1299	1116	1		1
1300+361	13 3 3.3	35 51 28	FOS/RD	ACCUM	4.3	G650L	6000	1	30	1154	2		1
1300+361	13 3 3.3	35 51 28	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1154	2	ACQ	1
1300+361	13 3 3.3	35 51 28	FOS/RD	ACCUM	2.0-BAR	G650L	6000	1	1800	1154	2		1
NGC4936	13 4 16.3	-30 31 2	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC4936	13 4 16.3	-30 31 2	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
NGC4936	13 4 16.3	-30 31 2	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC4936	13 4 16.3	-30 31 2	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC4936	13 4 16.3	-30 31 2	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
POINT1302-102INCA221-87	13 4 48.8	-10 28 10	S/C	POINTING	V1			1	0	1570	2		2
POINT1302-102INCA221-87	13 4 48.8	-10 28 10	S/C	POINTING	V1			1	0	1570	3		1
INCA221-87	13 5 26.5	-10 19 29	FGS	POS	2	F550W		1	51	1570	2		4
INCA221-87	13 5 26.5	-10 19 29	FGS	POS	2	F550W		1	51	1570	3		2
PG1302-102	13 5 33.0	-10 33 20	WFC	IMAGE	ALL	F702W		1	400	1015	1		1
PG1302-102	13 5 33.0	-10 33 20	WFC	IMAGE	ALL	F702W		1	1600	1015	1		1
PG1302-102	13 5 33.0	-10 33 20	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1018	2	ACQ	2
PG1302-102	13 5 33.0	-10 33 20	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1018	2		1
PG1302-102	13 5 33.0	-10 33 20	FOS/RD	ACCUM	1.0	G650L	6232	1	90	1018	2		1
PG1302-102	13 5 33.0	-10 33 20	FOS/RD	ACCUM	1.0	G190H	1980	1	1500	1018	2		1
SKY-BG8	13 5 33.0	-10 33 20*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
PKS1302-102	13 5 33.0	-10 33 20	FOC/96	IMAGE	512X512	F430W		1	1800	1234	1		1
PKS1302-102	13 5 33.0	-10 33 20	FOC/96	IMAGE	512X512	F342W		1	1800	1234	3		1
OFFSET-PG1302-102	13 5 33.0	-10 33 20*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1018	2	ACQ	1
OFFSET-PG1302-102	13 5 33.0	-10 33 20*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1018	2		1
1302-102	13 5 33.0	-10 33 20	HRS	ACCUM	2.0	G160M	1550	1	1800	1156	2		1
1302-102	13 5 33.0	-10 33 20	HRS	ACCUM	2.0	G200M	1985	1	1800	1156	2		1
1302-102INCA221-87	13 5 33.0	-10 33 20	FGS	POS	2	F550W		1	51	1570	2		6
1302-102INCA221-87	13 5 33.0	-10 33 20	FGS	POS	2	F550W		1	51	1570	3		3
1302-102INCA221-88	13 5 33.0	-10 33 20	FGS	POS	2	F550W		1	51	1570	2		6
1302-102INCA221-88	13 5 33.0	-10 33 20	FGS	POS	2	F550W		1	51	1570	3		3
PKS1302-102	13 5 33.0	-10 33 20	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1163	1	ACQ	1
PKS1302-102	13 5 33.0	-10 33 20	FOS/BL	ACCUM	1.0	G130H	1379	1	2100	1163	1		1
INCA221-88	13 5 41.7	-10 30 6	FGS	POS	2	F550W		1	51	1570	2		4
INCA221-88	13 5 41.7	-10 30 6	FGS	POS	2	F550W		1	51	1570	3		2
G61-29	13 5 42.6	18 1 1	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1067	2	ACQ	1
G61-29	13 5 42.6	18 1 1	FOS/BL	ACCUM	0.5	G160L	1837	12	240	1067	2		1
W22722	13 5 54.8	30 32 53	FOS/RD	ACCUM	1.0	PRISM		1	300	1146	2		1
W22722	13 5 54.8	30 32 53	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
W22722	13 5 54.8	30 32 53	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
W22722	13 5 54.8	30 32 53	FOS/BL	ACCUM	1.0	G160L	1837	1	600	1146	2		1
POINT1302-102INCA221-88	13 6 14.3	-10 39 45	S/C	POINTING	V1			1	0	1570	2		2
POINT1302-102INCA221-88	13 6 14.3	-10 39 45	S/C	POINTING	V1			1	0	1570	3		1
1304-234P11	13 7 5.5	-23 40 32	FOC/96	IMAGE	512X512	F342W		1	600	1244	2		1
1304-234P11	13 7 5.5	-23 40 32	FOC/96	IMAGE	512X512	F430W		1	600	1244	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
1304-234P11	13 7 5.5	-23 40 32	FOC/96	IMAGE	512X512	F502M		1	600	1244	2		1
USHER-295	13 7 23.4	29 24 4	FOC/96	IMAGE	512X1024	F220W		2	1000	1282	2		1
USHER-295	13 7 23.4	29 24 4	FOC/96	IMAGE	512X1024	F342W		2	500	1282	2		1
KK-57.1	13 7 30.7	29 17 42*	WFC	IMAGE	ALL	F555W		1	1000	1282	1	PAR	1
KK-57.1	13 7 30.7	29 17 42*	WFC	IMAGE	ALL	F555W		1	2000	1282	1	PAR	1
KK-57.6	13 7 39.7	29 31 43*	WFC	IMAGE	ALL	F555W		1	5400	1282	1	PAR	1
KK-57.10	13 7 39.8	29 19 2*	WFC	IMAGE	ALL	F555W		1	1799	1282	1	PAR	1
KK-57.11	13 7 40.5	29 18 33*	WFC	IMAGE	ALL	F555W		1	1799	1282	1	PAR	1
KK-57.12	13 7 43.9	29 18 11*	WFC	IMAGE	ALL	F555W		1	1799	1282	1	PAR	1
KK-57.2	13 7 51.0	29 14 31*	WFC	IMAGE	ALL	F555W		1	1799	1282	1	PAR	1
SA57-3535	13 7 54.7	29 12 45	FOC/96	IMAGE	512X1024	F130LP		2	899	1282	2		1
SA57-18601	13 7 56.6	29 36 19	FOC/48	IMAGE	512X1024	F130LP		2	899	1282	2		1
SA57-18978	13 7 57.8	29 36 58	FOC/48	IMAGE	512X1024	F130LP		2	2700	1282	2		1
SA57-4239	13 7 58.0	29 13 47	FOC/48	IMAGE	512X1024	F130LP		2	899	1282	2		1
KK-57.3	13 7 59.5	29 12 37*	WFC	IMAGE	ALL	F555W		1	1799	1282	1	PAR	1
KK-57.5	13 8 0.2	29 36 5	WFC	IMAGE	ALL	F555W		6	1680	1282	1	SEL	1
KK-57.5	13 8 0.2	29 36 5	WFC	IMAGE	ALL	F555W		6	1680	1282	1	CON SEL	1
KK-57.7	13 8 1.1	29 29 49*	WFC	IMAGE	ALL	F555W		1	1799	1282	1	PAR	1
KK-57.8	13 8 1.4	29 29 45*	WFC	IMAGE	ALL	F555W		1	1799	1282	1	PAR	1
SA57-18576	13 8 6.6	29 36 14	FOC/48	IMAGE	512X1024	F130LP		2	899	1282	2		1
SA57-441	13 8 6.8	29 6 15	FOC/96	IMAGE	512X1024	F130LP		2	899	1282	2		1
SA57-1501	13 8 7.0	29 8 58	FOC/96	IMAGE	512X1024	F130LP		2	899	1282	2		1
SA57-5154	13 8 11.2	29 15 26	FOC/96	IMAGE	512X1024	F130LP		2	899	1282	2		1
SA57-16036	13 8 16.2	29 31 58	FOC/48	IMAGE	512X1024	F275W		6	1630	1282	1	CON SEL PAR	1
KKC35	13 8 30.4	29 8 44	WFC	IMAGE	ALL	F606W		1	3000	1045	2	ACQ	1
KKC35	13 8 30.4	29 8 44	FOS/RD	ACQ/BINA	4.3	MIRROR		1	26	1045	2	ACQ CON SEL	3
KK-57.4	13 8 37.0	29 27 34*	WFC	IMAGE	ALL	F555W		1	1799	1282	1	PAR	1
KK-57.9	13 8 59.8	29 18 33*	WFC	IMAGE	ALL	F555W		1	1799	1282	1	PAR	1
SA57-12536	13 9 6.8	29 26 33	FOC/96	IMAGE	512X1024	F130LP		2	899	1282	2		1
SA57-L64	13 9 12.7	29 24 29	FOC/48	IMAGE	512X1024	F275W		2	899	1282	2		1
SA57-1	13 9 15.0	29 12 21	WFC	IMAGE	ALL	F555W		1	540	1020	0	SEL	1
SA57-1	13 9 15.0	29 12 21	WFC	IMAGE	ALL	F555W		1	2160	1020	0	SEL	1
SA57-1	13 9 15.0	29 12 21	WFC	IMAGE	ALL	F785LP		1	540	1020	0	SEL	1
SA57-1	13 9 15.0	29 12 21	WFC	IMAGE	ALL	F785LP		1	2160	1020	0	SEL	1
PG1307+085	13 9 47.0	8 19 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1025	2		1
PG1307+085	13 9 47.0	8 19 49	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	2
PG1307+085	13 9 47.0	8 19 49	FOS/BL	ACCUM	1.0	G130H	1379	1	900	1025	2		1
PG1307+085	13 9 47.0	8 19 49	FOS/RD	ACCUM	1.0	G270H	2753	1	300	1025	2		1
PG1307+085	13 9 47.0	8 19 49	FOS/RD	ACCUM	1.0	G190H	1980	1	480	1025	2		1
KKC77	13 9 59.1	29 22 49	WFC	IMAGE	ALL	F606W		1	3000	1045	2	ACQ	1
KKC77	13 9 59.1	29 22 49	FOS/RD	ACQ/BINA	4.3	MIRROR		1	26	1045	2	ACQ CON SEL	3
B21308+326	13 10 28.7	32 20 43	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
B21308+326	13 10 28.7	32 20 43	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		3
B21308+326	13 10 28.7	32 20 43	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		2
B21308+326	13 10 28.7	32 20 43	FOS/BL	ACCUM	0.5	G130H	1379	1	1500	1029	2		1
Q1309-056	13 11 36.5	-5 52 38	FOS/RD	ACCUM	1.0	PRISM	5400	1	300	1146	2		1
Q1309-056	13 11 36.5	-5 52 38	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
Q1309-056	13 11 36.5	-5 52 38	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
Q1309-056	13 11 36.5	-5 52 38	FOS/BL	ACCUM	1.0	G160L	1837	1	600	1146	2		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PG1309+355	13 12 17.8	35 15 21	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
PG1309+355	13 12 17.8	35 15 21	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	2
PG1309+355	13 12 17.8	35 15 21	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
PG1309+355	13 12 17.8	35 15 21	FOS/BL	ACCUM	1.0	G160L	1837	1	120	1025	2		1
PG1309+355	13 12 17.8	35 15 21	FOS/RD	ACCUM	1.0	G190H	1980	1	720	1025	2		1
NGC5033-220S-49E	13 13 32.1	36 31 58*	WFC	IMAGE	ALL	F336W		1	2300	1119	1		1
NGC5033-220S-49E	13 13 32.1	36 31 58*	WFC	IMAGE	ALL	F555W		1	2300	1119	1		12
NGC5033-220S-49E	13 13 32.1	36 31 58*	WFC	IMAGE	ALL	F785LP		1	2300	1119	1		4
HD115043	13 13 36.9	56 42 30	HRS	ACCUM	2.0	G140L	1300	3	200	1210	2		1
HD115043	13 13 36.9	56 42 30	HRS	ACCUM	2.0	G140L	1550	2	150	1210	2		1
1311-270	13 13 47.4	-27 16 49	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
NGC5044	13 15 26.1	-16 23 55	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC5044	13 15 26.1	-16 23 55	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
NGC5044	13 15 26.1	-16 23 55	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC5044	13 15 26.1	-16 23 55	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC5044	13 15 26.1	-16 23 55	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
POINT-CP8.2	13 16 33.0	-3 54 0	S/C	POINTING	V1			1	0	1014	2	CON	1
POINT-CP8.1	13 16 34.3	-3 53 42	S/C	POINTING	V1			1	0	1014	2		1
GAL-CLUS-131642+3132 18	13 19 16.0	31 17 18	WFC	IMAGE	ALL	F725LP		10	2300	1115	3		1
NGC5077	13 19 31.5	-12 39 52	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC5077	13 19 31.5	-12 39 52	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
NGC5077	13 19 31.5	-12 39 52	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC5077	13 19 31.5	-12 39 52	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC5077	13 19 31.5	-12 39 52	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
1318-314	13 20 55.1	-31 44 25	FOC/96	IMAGE	512X512	F342W		1	300	1244	2		1
1318-314	13 20 55.1	-31 44 25	FOC/96	IMAGE	512X512	F430W		1	300	1244	2		1
1318-314	13 20 55.1	-31 44 25	FOC/96	IMAGE	512X512	F502M		1	600	1244	2		1
TON155	13 21 14.7	28 47 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1144	3	ACQ	1
TON155	13 21 14.7	28 47 49	FOS/BL	ACCUM	1.0	G130H	1379	1	6480	1144	3		1
TON155	13 21 14.7	28 47 49	FOS/RD	ACCUM	1.0	G190H	1980	1	3240	1144	3		1
TON156	13 21 15.9	28 47 19	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1144	3	ACQ	1
TON156	13 21 15.9	28 47 19	FOS/BL	ACCUM	1.0	G130H	1379	1	1440	1144	3		1
TON156	13 21 15.9	28 47 19	FOS/RD	ACCUM	1.0	G190H	1980	1	1080	1144	3		1
3C285	13 21 17.9	42 35 15	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
3C285	13 21 17.9	42 35 15	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
3C285	13 21 17.9	42 35 15	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
3C285	13 21 17.9	42 35 15	FOC/96	IMAGE	512X512	F480LP		1	1740	1058	2		1
3C285	13 21 17.9	42 35 15	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	3	CON	1
3C285	13 21 17.9	42 35 15	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	3	ACQ CON	1
NGC5102	13 21 55.5	-36 38 50	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC5102	13 21 55.5	-36 38 50	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
NGC5102	13 21 55.5	-36 38 50	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC5102	13 21 55.5	-36 38 50	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC5102	13 21 55.5	-36 38 50	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
NGC5102-NUC	13 21 57.2	-36 37 51	PC	IMAGE	ALL	F555W		1	23	1118	1		1
NGC5102-NUC	13 21 57.2	-36 37 51	PC	IMAGE	ALL	F555W		1	230	1118	1		1
NGC5102-NUC	13 21 57.2	-36 37 51	PC	IMAGE	ALL	F785LP		1	20	1118	1		1
NGC5102-NUC	13 21 57.2	-36 37 51	PC	IMAGE	ALL	F785LP		1	200	1118	1		1
NGC5102	13 21 57.5	-36 37 49	FOC/48	IMAGE	512X512	F342W		1	1000	1239	2		1
NGC5102	13 21 57.5	-36 37 49	FOC/48	IMAGE	512X512	F430W		1	1000	1239	2		1
NGC5102	13 21 57.5	-36 37 49	FOC/48	IMAGE	512X512	F150W		1	1440	1239	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC5102	13 21 57.5	-36 37 49	FOC/48	SPEC	256X1024-SLIT	PRISM3		1	1800	1239	3		1
1319-164P11	13 22 23.0	-16 43 33	FOC/96	IMAGE	512X512	F130M		1	900	1244	2		1
1319-164P11	13 22 23.0	-16 43 33	FOC/96	IMAGE	512X512	F342W		1	300	1244	2		1
1319-164P11	13 22 23.0	-16 43 33	FOC/96	IMAGE	512X512	F430W		1	300	1244	2		1
1319-164P11	13 22 23.0	-16 43 33	FOC/96	IMAGE	512X512	F502M		1	600	1244	2		1
PG1322+659	13 23 49.6	65 41 48	WFC	IMAGE	ALL	F702W		1	1000	1015	2		1
SKY-BG22	13 23 49.6	65 41 48*	FOS/RD	ACCUM	1.0	G650L	6232	1	1000	1015	1	PAR	1
GAL-CLUS-132229+3114 36	13 24 48.6	30 59 2	WFC	IMAGE	ALL	F622W		3	2300	1115	3		1
GAL-CLUS-132229+3114 36	13 24 48.6	30 59 2	WFC	IMAGE	ALL	F785LP		3	2300	1115	3		1
GAL-CLUS-132227+3027 18	13 24 48.8	30 11 48	WFC	IMAGE	ALL	F622W		5	2300	1115	1		1
GAL-CLUS-132227+3027 18	13 24 48.8	30 11 48	WFC	IMAGE	ALL	F785LP		5	2300	1115	1		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1260	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1275	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1355	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-B	2325	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1476	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1477	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1478	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1276	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1277	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1302	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1329	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1327	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1328	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1354	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1356	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1391	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1392	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-A	1393	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-B	2324	1	60	1168	3		1
HD116658	13 25 11.5	-11 9 41	HRS	ACCUM	0.25	ECH-B	2326	1	60	1168	3		1
HD116842	13 25 13.5	54 59 17	HRS	ACCUM	2.0	G140L	1550	1	70	1210	0		1
HD116842	13 25 13.5	54 59 17	HRS	ACCUM	2.0	G140L	1300	2	150	1210	0		1
NGC5128	13 25 27.6	-43 0 48	WFC	IMAGE	ALL	F555W		1	100	1105	1		1
NGC5128	13 25 27.6	-43 0 48	WFC	IMAGE	ALL	F555W		1	1800	1105	1		1
NGC5128	13 25 27.6	-43 0 48	WFC	IMAGE	ALL	F785LP		1	100	1105	1		1
NGC5128	13 25 27.6	-43 0 48	WFC	IMAGE	ALL	F785LP		1	1800	1105	1		1
NGC5128	13 25 28.9	-43 0 58	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
NGC5128	13 25 28.9	-43 0 58	FOC/96	IMAGE	512X512	F501N		1	900	1228	2		1
NGC5128	13 25 28.9	-43 0 58	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
NGC5128	13 25 28.9	-43 0 58	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
NGC5128	13 25 28.9	-43 0 58	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
OFFCEN-A	13 25 28.9	-43 0 58*	WFC	IMAGE	ALL	F502N		1	1500	1228	1	PAR	1
4C65.15	13 25 29.7	65 15 14	PC	IMAGE	ALL	F128LP		1	2125	1032	2	ACQ	1
4C65.15	13 25 29.7	65 15 14	PC	IMAGE	ALL	F850LP		1	2125	1032	2	ACQ	1
4C65.15	13 25 29.7	65 15 14	FOS/RD	ACCUM	0.5	G650L		1	840	1032	2	CON SEL	1
4C65.15	13 25 29.7	65 15 14	FOS/RD	ACCUM	0.5	PRISM		1	840	1032	2	CON SEL	1
4C65.15	13 25 29.7	65 15 14	FOS/RD	ACQ/BINA	4.3	MIRROR		1	6	1032	2	ACQ CON	1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
4C65.15	13 25 29.7	65 15 14	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	7659	1032	2	CON SEL	1
4C65.15	13 25 29.7	65 15 14	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	7659	1032	2	CON SEL	1
4C65.15	13 25 29.7	65 15 14	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	30	1032	2	ACQ CON	1
SKY8	13 25 29.7	65 15 14*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	2125	1032	2	PAR	2
NGC5139	13 25 37.0	-47 35 38	PC	IMAGE	P8	F606W		1	6	1013	0		2
NGC5139	13 25 37.0	-47 35 38	PC	IMAGE	P8	F658N		1	600	1013	0		1
NGC5139	13 25 37.0	-47 35 38	PC	IMAGE	P8	F606W		1	6	1013	1		2
NGC5139	13 25 37.0	-47 35 38	PC	IMAGE	P8	F658N		1	600	1013	1		1
NGC5139	13 26 45.9	-47 28 37	PC	IMAGE	ALL	F555W		1	6	1019	2		1
NGC5139	13 26 45.9	-47 28 37	PC	IMAGE	ALL	F785LP		1	6	1019	2		1
NGC5139	13 26 45.9	-47 28 37	FOC/96	IMAGE	512X1024	F430W		1	1500	1279	1		1
NGC5139	13 26 45.9	-47 28 37	FOC/96	IMAGE	512X1024	F430W		1	1500	1279	2		2
NGC5139	13 26 45.9	-47 28 37	FOC/96	IMAGE	512X1024	F480LP		1	1500	1279	1		1
NGC5139	13 26 45.9	-47 28 37	FOC/96	IMAGE	512X1024	F480LP		1	1500	1279	2		2
NGC5139-OUTER	13 26 45.9	-47 28 37	WFC	IMAGE	ALL	F555W		1	1320	1279	1	PAR	3
NGC5139-OUTER	13 26 45.9	-47 28 37	WFC	IMAGE	ALL	F785LP		1	1320	1279	1	PAR	3
NGC5139	13 29 16.1	-47 22 28	PC	IMAGE	ALL	F439W	4385	1	500	1053	2	ACQ	1
NGC5139	13 29 16.1	-47 22 28	PC	IMAGE	ALL	F336W	3363	1	500	1053	2	ACQ	1
NGC5139	13 29 16.1	-47 22 28	PC	IMAGE	ALL	F656N	6559	1	500	1053	2	ACQ	1
NGC5139-OFFSET	13 29 16.1	-47 22 28	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1053	2	ACQ CON	1
NGC5139-STAR	13 29 16.1	-47 22 28*	FOS/RD	ACCUM	0.3	PRISM		1	500	1053	2	CON	1
NGC5139-STAR	13 29 16.1	-47 22 28*	FOS/RD	ACCUM	0.3	PRISM		1	1000	1053	2	CON	1
NGC5139-STAR	13 29 16.1	-47 22 28*	FOS/RD	ACCUM	0.3	G570H		1	3500	1053	2	CON	1
NGC5194-1/4	13 29 44.5	47 9 53	WFC	IMAGE	ALL	F284W		1	300	1073	2		1
NGC5194-1/4	13 29 44.5	47 9 53	WFC	IMAGE	ALL	F656N		1	600	1073	2		1
NGC5194-1/4	13 29 44.5	47 9 53	WFC	IMAGE	ALL	F375N		1	1500	1073	2		1
NGC5194-1/4	13 29 44.5	47 9 53	WFC	IMAGE	ALL	F487N		1	480	1073	2		1
NGC5194-1/4	13 29 44.5	47 9 53	WFC	IMAGE	ALL	F487N		1	2400	1073	2		1
NGC5194-1/4	13 29 44.5	47 9 53	WFC	IMAGE	ALL	F502N		1	780	1073	2		1
NGC5194-1/4	13 29 44.5	47 9 53	WFC	IMAGE	ALL	F547M		1	480	1073	2		1
NGC5194-OFFSET-STARS -FIELD	13 29 49.4	47 11 16*	WFC	IMAGE	ALL	F606W		1	15	1038	0	ACQ	1
NGC5194	13 29 52.1	47 11 49	FOC/96	IMAGE	512X512	F372M	3720	1	900	1216	2		1
NGC5194	13 29 52.1	47 11 49	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	1800	1216	2		1
NGC5194	13 29 52.1	47 11 49	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	1500	1216	2		1
NGC5194	13 29 52.1	47 11 49	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	6300	1216	2		1
NGC5194-NUC	13 29 52.5	47 11 47	PC	IMAGE	ALL	F555W		1	7	1118	2		1
NGC5194-NUC	13 29 52.5	47 11 47	PC	IMAGE	ALL	F555W		1	70	1118	2		1
NGC5194-NUC	13 29 52.5	47 11 47	PC	IMAGE	ALL	F555W		1	700	1118	2		1
NGC5194-NUC	13 29 52.5	47 11 47	PC	IMAGE	ALL	F785LP		1	7	1118	2		1
NGC5194-NUC	13 29 52.5	47 11 47	PC	IMAGE	ALL	F785LP		1	70	1118	2		1
NGC5194-NUC	13 29 52.5	47 11 47	PC	IMAGE	ALL	F785LP		1	700	1118	2		1
NGC5194	13 29 52.7	47 11 43	PC	IMAGE	ALL	F194W		1	900	1038	0	ACQ	1
NGC5194	13 29 52.7	47 11 43	PC	IMAGE	ALL	F375N		1	900	1038	0	ACQ	1
NGC5194	13 29 52.7	47 11 43	PC	IMAGE	ALL	F502N		1	900	1038	0	ACQ	1
NGC5194	13 29 52.7	47 11 43	PC	IMAGE	ALL	F664N		3	300	1038	0	ACQ	1
NGC5194	13 29 52.7	47 11 43	PC	IMAGE	ALL	F230W		1	720	1038	0	ACQ	1
NGC5194	13 29 52.7	47 11 43	PC	IMAGE	ALL	F547M		1	180	1038	0	ACQ	1
NGC5194	13 29 52.7	47 11 43	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2		1
NGC5194	13 29 52.7	47 11 43	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2		1
NGC5194	13 29 52.7	47 11 43	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2		1
NGC5194	13 29 52.7	47 11 43	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC5194	13 29 52.7	47 11 43	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2		1
NGC5194-CLOUD1	13 29 52.7	47 11 43*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2		1
NGC5194-CLOUD1	13 29 52.7	47 11 43*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2		1
NGC5194-CLOUD1	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2		1
NGC5194-CLOUD1	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2		1
NGC5194-CLOUD1	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2		1
NGC5194-CLOUD2	13 29 52.7	47 11 43*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2		1
NGC5194-CLOUD2	13 29 52.7	47 11 43*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2		1
NGC5194-CLOUD2	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2		1
NGC5194-CLOUD2	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2		1
NGC5194-CLOUD2	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2		1
NGC5194-CLOUD3	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC5194-CLOUD3	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC5194-CLOUD3	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC5194-CLOUD3	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC5194-CLOUD3	13 29 52.7	47 11 43*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	CON SEL	1
NGC5194-CLOUD3	13 29 52.7	47 11 43*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	CON SEL	1
NGC5194-CLOUD4	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC5194-CLOUD5	13 29 52.7	47 11 43*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC5194-OFFSET-STAR	13 29 52.7	47 11 43*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ	1
NGC5194-OFFSET-STAR	13 29 52.7	47 11 43*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ	1
NGC5195-NUC	13 29 59.6	47 15 58	PC	IMAGE	ALL	F555W		1	14	1118	3		1
NGC5195-NUC	13 29 59.6	47 15 58	PC	IMAGE	ALL	F555W		1	140	1118	3		1
NGC5195-NUC	13 29 59.6	47 15 58	PC	IMAGE	ALL	F785LP		1	14	1118	3		1
NGC5195-NUC	13 29 59.6	47 15 58	PC	IMAGE	ALL	F785LP		1	140	1118	3		1
1327-206	13 30 7.7	-20 56 17	FOS/RD	ACCUM	1.0	G270H		1	3000	1267	0		1
1327-206	13 30 7.7	-20 56 17	FOS/BL	ACCUM	1.0-PAIR	G130H		1	3000	1267	2		1
1327-206	13 30 7.7	-20 56 17	FOS/RD	ACQ/BINA	1.0	MIRROR		1	2	1267	0	ACQ	1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	G140M	1100	1	300	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-B	2370	1	120	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-B	2600	1	120	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-B	2800	1	120	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-B	2850	1	120	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	G160M	1160	1	180	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	G160M	1540	1	44	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	G160M	1660	1	44	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-B	2325	1	120	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-A	1234	1	300	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-A	1241	1	300	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-A	1402	1	180	1165	2		2
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-A	1353	1	180	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-A	1361	1	180	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-A	1369	1	180	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-A	1531	1	180	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-A	1549	1	180	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-B	1808	1	120	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-B	1854	1	120	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	ACCUM	2.0	ECH-B	2334	1	120	1165	2		1
HD116852	13 30 23.4	-78 51 19	HRS	WSCAN	2.0	G160M	1292	1	396	1165	2		1
INCA221-90	13 30 53.9	30 32 31	PC	IMAGE	P8	F658N		1	2	1139	2	CON	2
3C286	13 31 8.3	30 30 33	PC	IMAGE	ALL	F128LP		1	1416	1032	1	ACQ	1
3C286	13 31 8.3	30 30 33	PC	IMAGE	ALL	F850LP		1	1416	1032	1	ACQ	1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C286	13 31 8.3	30 30 33	FOS/RD	ACCUM	0.5	G650L		1	560	1032	1	CON SEL	1
3C286	13 31 8.3	30 30 33	FOS/RD	ACCUM	0.5	PRISM		1	560	1032	1	CON SEL	1
3C286	13 31 8.3	30 30 33	FOS/RD	ACQ/BINA	4.3	MIRROR		1	4	1032	1	ACQ CON	1
3C286	13 31 8.3	30 30 33	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	5106	1032	1	CON SEL	1
3C286	13 31 8.3	30 30 33	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	5106	1032	1	CON SEL	1
3C286	13 31 8.3	30 30 33	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	20	1032	1	ACQ CON	1
SKY13	13 31 8.3	30 30 33*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	1416	1032	1	PAR	2
3C286	13 31 8.3	30 30 33	FOS/RD	ACCUM	1.0	G160L	1675	1	1000	1193	1		1
3C286	13 31 8.3	30 30 33	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1193	1	ACQ	1
3C286	13 31 8.3	30 30 33	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1193	2	ACQ	1
3C286	13 31 8.3	30 30 33	FOS/RD	ACCUM	1.0	G190H	1943	1	4000	1193	2		1
1328+307INCA221-90	13 31 8.3	30 30 33	PC	IMAGE	P8	F606W		1	30	1139	2		2
1328+307INCA221-90	13 31 8.3	30 30 33	PC	IMAGE	P8	F606W		1	30	1139	2	CON	2
1328+307INCA221-90	13 31 8.3	30 30 33	PC	IMAGE	P8	F725LP		1	30	1139	2		2
1328+307INCA221-90	13 31 8.3	30 30 33	PC	IMAGE	P8	F725LP		1	60	1139	2	CON	2
3C286	13 31 8.3	30 30 32	WFC	IMAGE	ALL	F517N		1	210	1116	3		1
3C286	13 31 8.3	30 30 32	WFC	IMAGE	ALL	F517N		1	1260	1116	3		1
3C286	13 31 8.3	30 30 32	WFC	IMAGE	ALL	F725LP		1	2000	1116	3		1
3C286	13 31 8.3	30 30 32	WFC	IMAGE	ALL	F725LP		1	250	1116	3		1
3C286	13 31 8.3	30 30 32	FOC/96	IMAGE	512X512	F231M		1	900	1228	1		1
3C286	13 31 8.3	30 30 32	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C286	13 31 8.3	30 30 32	FOC/288	IMAGE	512X512	F370LP		1	600	1228	1		1
3C286	13 31 8.3	30 30 32	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
PG1329+412	13 31 41.1	41 1 59	PC	IMAGE	ALL	F128LP		1	2125	1032	2	ACQ	1
PG1329+412	13 31 41.1	41 1 59	PC	IMAGE	ALL	F850LP		1	2125	1032	2	ACQ	1
PG1329+412	13 31 41.1	41 1 59	FOS/RD	ACCUM	0.5	G650L		1	840	1032	2	CON SEL	1
PG1329+412	13 31 41.1	41 1 59	FOS/RD	ACCUM	0.5	PRISM		1	840	1032	2	CON SEL	1
PG1329+412	13 31 41.1	41 1 59	FOS/RD	ACQ/BINA	4.3	MIRROR		1	6	1032	2	ACQ CON	1
PG1329+412	13 31 41.1	41 1 59	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	7659	1032	2	CON SEL	1
PG1329+412	13 31 41.1	41 1 59	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	7659	1032	2	CON SEL	1
PG1329+412	13 31 41.1	41 1 59	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	30	1032	2	ACQ CON	1
SKY15	13 31 41.1	41 1 59*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	2125	1032	2	PAR	2
INCA221-90-AST2	13 31 49.2	30 29 16	FGS	POS	2	F550W		1	2	1139	2	CON PAR	2
INCA221-90-AST1	13 32 8.6	30 30 2	FGS	POS	2	F550W		1	30	1139	2	CON PAR	2
INCA221-90-AST1	13 32 8.6	30 30 2	FGS	POS	2	F550W		1	60	1139	2	CON PAR	2
1331+170	13 33 35.9	16 49 4	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
MC1331+170	13 33 35.9	16 49 4	WFC	IMAGE	ALL	F375N		1	300	1116	1		1
MC1331+170	13 33 35.9	16 49 4	WFC	IMAGE	ALL	F375N		1	1800	1116	1		1
HD118098	13 34 41.5	-0 35 46	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD118098	13 34 41.5	-0 35 46	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD118098	13 34 41.5	-0 35 46	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD118098	13 34 41.5	-0 35 46	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD118098	13 34 41.5	-0 35 46	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD118098	13 34 41.5	-0 35 46	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD118098	13 34 41.5	-0 35 46	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
HD118098	13 34 41.5	-0 35 46	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
SN1983N	13 36 51.3	-29 54 3	FOC/96	IMAGE	512X512	F346M		1	600	1259	2		3
SN1983N	13 36 51.3	-29 54 3	FOC/96	IMAGE	512X512	F470M		1	600	1259	2		3
SN1983N	13 36 51.3	-29 54 3	FOC/96	IMAGE	512X512	F346M		1	600	1259	3		1
SN1983N	13 36 51.3	-29 54 3	FOC/96	IMAGE	512X512	F470M		1	600	1259	3		1
NGC5236	13 36 59.2	-29 52 4	FOC/96	IMAGE	512X512	F275W		1	900	1056	2		1
NGC5236	13 36 59.2	-29 52 4	FOC/288	IMAGE	512X512	F275W		1	1800	1056	2	CON SEL	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC5236	13 36 59.2	-29 52 4	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	2	CON SEL	1
NGC5236	13 37 0.8	-29 51 58	PC	IMAGE	ALL	F230W		1	1000	1041	0	ACQ	1
NGC5236	13 37 0.8	-29 51 58	PC	IMAGE	ALL	F547M		1	200	1041	0	ACQ	1
NGC5236	13 37 0.8	-29 51 58	PC	IMAGE	ALL	F664N		1	1000	1041	0	ACQ	1
NGC5236	13 37 0.8	-29 51 58	FOS/BL	ACCUM	0.3	G160L		1	1000	1041	1	CON SEL	1
NGC5236	13 37 0.8	-29 51 58	FOS/RD	ACCUM	0.3	G270H		1	500	1041	1	CON SEL	1
NGC5236	13 37 0.8	-29 51 58	FOS/RD	ACCUM	0.3	G400H		1	200	1041	1	CON SEL	1
NGC5236	13 37 0.8	-29 51 58	FOS/RD	ACCUM	0.3	G570H		1	200	1041	1	CON SEL	1
NGC5236-OFF	13 37 0.8	-29 51 58*	FOS/BL	ACCUM	0.3	G160L		1	1000	1041	1	CON SEL	1
NGC5236-OFF	13 37 0.8	-29 51 58*	FOS/RD	ACCUM	0.3	G270H		1	500	1041	1	CON SEL	1
NGC5236-OFF	13 37 0.8	-29 51 58*	FOS/RD	ACCUM	0.3	G400H		1	200	1041	1	CON SEL	1
NGC5236-OFF	13 37 0.8	-29 51 58*	FOS/RD	ACCUM	0.3	G570H		1	200	1041	1	CON SEL	1
NGC5236-OFFSET-STAR	13 37 0.8	-29 51 58*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1041	1	ACQ CON	1
NGC5256	13 38 17.5	48 16 37	FOC/48	SPEC	256X1024-SLIT	G450M	4400	1	5880	1230	2		1
NGC5236-NUC	13 39 48.8	-30 7 5	WFC	IMAGE	ALL	F439W		1	30	1213	2	ACQ	1
NGC5236-NUC	13 39 48.8	-30 7 5	WFC	IMAGE	ALL	F569W		1	30	1213	2	ACQ	1
NGC5236-NUC	13 39 48.8	-30 7 5	WFC	IMAGE	ALL	F658N		1	60	1213	2	ACQ	1
NGC5236-NUC	13 39 48.8	-30 7 5	WFC	IMAGE	ALL	G450L		1	300	1213	2	ACQ	1
NGC5236-NUC	13 39 48.8	-30 7 5	WFC	IMAGE	ALL	F230W		1	120	1213	2	ACQ	1
NGC5236-NUC	13 39 48.8	-30 7 5	WFC	IMAGE	ALL	F284W		1	120	1213	2	ACQ	1
NGC5236-NUC	13 39 48.8	-30 7 5	WFC	IMAGE	ALL	F336W		1	120	1213	2	ACQ	1
NGC5236-NUC	13 39 48.8	-30 7 5	HRS	ACCUM	2.0	G140L	1430	1	3600	1213	3		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-A	1530	1	60	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-A	1240	1	33	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-A	1252	1	27	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-B	2370	1	15	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-A	1303	1	24	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-A	1334	1	33	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-A	1356	1	57	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-A	1392	1	66	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-A	1558	1	57	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-B	1826	1	30	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-A	1191	1	18	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-A	1547	1	69	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-B	1805	1	27	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-B	2024	1	18	1071	2		1
HD118716	13 39 53.4	-53 27 58	HRS	WSCAN	0.25	ECH-B	2602	1	24	1071	2		1
MKN270	13 41 5.8	67 40 20	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
MKN270	13 41 5.8	67 40 20	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
MKN270	13 41 5.8	67 40 20	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
MKN270	13 41 5.8	67 40 20	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
M3-300-NORTH	13 42 11.1	28 27 32*	WFC	IMAGE	ALL	F555W		1	100	1112	3		1
M3-300-NORTH	13 42 11.1	28 27 32*	WFC	IMAGE	ALL	F555W		1	300	1112	3		1
M3-300-NORTH	13 42 11.1	28 27 32*	WFC	IMAGE	ALL	F555W		1	1600	1112	3		1
M3-300-NORTH	13 42 11.1	28 27 32*	WFC	IMAGE	ALL	F785LP		1	100	1112	3		1
M3-300-NORTH	13 42 11.1	28 27 32*	WFC	IMAGE	ALL	F785LP		1	300	1112	3		1
M3-300-NORTH	13 42 11.1	28 27 32*	WFC	IMAGE	ALL	F785LP		1	1600	1112	3		1
M3-105-NORTH	13 42 11.2	28 24 17*	WFC	IMAGE	ALL	F555W		1	100	1112	3		1
M3-105-NORTH	13 42 11.2	28 24 17*	WFC	IMAGE	ALL	F555W		1	600	1112	3		1
M3-105-NORTH	13 42 11.2	28 24 17*	WFC	IMAGE	ALL	F555W		2	600	1112	3		1
M3-105-NORTH	13 42 11.2	28 24 17*	WFC	IMAGE	ALL	F785LP		1	400	1112	3		1
M3-105-NORTH	13 42 11.2	28 24 17*	WFC	IMAGE	ALL	F785LP		4	400	1112	3		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
M3	13 42 11.2	28 22 32	PC	IMAGE	P6	F336W		1	20	1112	3		1
M3	13 42 11.2	28 22 32	PC	IMAGE	P6	F336W		1	100	1112	3		1
M3	13 42 11.2	28 22 32	PC	IMAGE	P6	F336W		1	800	1112	3		1
NGC5272	13 42 11.2	28 22 32	PC	IMAGE	ALL	F555W		1	14	1019	2		1
NGC5272	13 42 11.2	28 22 32	PC	IMAGE	ALL	F785LP		1	14	1019	2		1
VZ1128	13 42 16.7	28 26 1	HRS	ACCUM	2.0	G160M	1400	4	300	1165	1		1
VZ1128	13 42 16.7	28 26 1	HRS	ACCUM	2.0	G160M	1540	4	300	1165	1		1
VZ1128	13 42 16.7	28 26 1	HRS	ACCUM	2.0	G160M	1250	5	300	1165	1		1
VZ1128	13 42 16.7	28 26 1	HRS	ACCUM	2.0	G140L	1320	1	240	1165	1		1
VZ1128	13 42 16.7	28 26 1	HRS	ACCUM	2.0	G140L	1600	1	240	1165	1		1
VZ1128	13 42 16.7	28 26 1	HRS	ACCUM	2.0	G270M	2590	1	420	1165	1		1
VZ1128	13 42 16.7	28 26 1	HRS	ACCUM	2.0	G270M	2800	1	420	1165	1		1
VZ1128	13 42 16.7	28 26 1	HRS	ACCUM	2.0	G160M	1319	4	300	1165	1		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-B	2370	1	60	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-B	2600	1	60	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-B	2800	1	60	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-B	2850	1	60	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	G140M	1100	1	300	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	G160M	1160	1	180	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	G160M	1540	1	44	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	G160M	1660	1	44	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-B	2325	1	120	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-A	1402	1	300	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-A	1234	1	300	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-A	1353	1	300	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-A	1391	1	300	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-A	1549	1	300	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-B	2334	1	60	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-A	1361	1	180	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-A	1369	1	180	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-A	1531	1	180	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-B	1808	1	120	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-B	1854	1	120	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	2.0	ECH-A	1241	2	240	1165	0		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	2.0	G160M	1292	1	396	1165	0		1
MKN273	13 44 42.1	55 53 13	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
MKN273	13 44 42.1	55 53 13	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
MKN273	13 44 42.1	55 53 13	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
MKN273	13 44 42.1	55 53 13	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
MKN273	13 44 42.1	55 53 13	FOC/288	IMAGE	512X512	F370LP		1	300	1228	2		1
MKN273	13 44 42.1	55 53 13	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C289	13 45 26.2	49 46 32	WFC	IMAGE	ALL	F622W		1	2700	1070	1		1
3C289	13 45 26.2	49 46 32	WFC	IMAGE	ALL	F850LP		1	2700	1070	1		1
4C26.42	13 48 52.5	26 35 35	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
4C26.42	13 48 52.5	26 35 35	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
4C26.42	13 48 52.5	26 35 35	FOC/96	IMAGE	512X512	F502M		1	600	1228	2		1
4C26.42	13 48 52.5	26 35 35	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
4C26.42	13 48 52.5	26 35 35	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
4C26.42	13 48 52.5	26 35 35	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
IC4329A	13 49 19.3	-30 18 36	HSP/UV2	SINGLE	1.0	F140LP		1	60	1099	1		9
IC4329A	13 49 19.3	-30 18 36	HSP/UV2	SINGLE	1.0	F140LP		1	60	1099	3		1
IC4329A	13 49 19.3	-30 18 36	HSP/POL	SINGLE	POL0	F216M		1	60	1099	3		4

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
IC4329A	13 49 19.3	-30 18 36	HSP/POL	SINGLE	POL0	F277M		1	60	1099	3		2
IC4329A	13 49 19.3	-30 18 36	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1099	3	ACQ	1
IC4329A	13 49 19.3	-30 18 36	HSP/POL	SINGLE	POL45	F216M		1	60	1099	3		4
IC4329A	13 49 19.3	-30 18 36	HSP/POL	SINGLE	POL45	F277M		1	60	1099	3		2
IC4329A	13 49 19.3	-30 18 36	HSP/POL	SINGLE	POL90	F216M		1	60	1099	3		4
IC4329A	13 49 19.3	-30 18 36	HSP/POL	SINGLE	POL90	F277M		1	60	1099	3		2
IC4329A	13 49 19.3	-30 18 36	HSP/POL	SINGLE	POL135	F216M		1	60	1099	3		4
IC4329A	13 49 19.3	-30 18 36	HSP/POL	SINGLE	POL135	F277M		1	60	1099	3		2
3C293	13 52 17.8	31 26 47	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C293-FIELD	13 52 17.8	31 26 47	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
3C293-OFFSET	13 52 17.8	31 26 47*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
3C293	13 52 17.9	31 26 48	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
3C293	13 52 17.9	31 26 48	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C293	13 52 17.9	31 26 48	FOC/96	IMAGE	512X512	F502M		1	600	1228	2		1
3C293	13 52 17.9	31 26 48	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
3C293	13 52 17.9	31 26 48	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C293	13 52 17.9	31 26 48	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
1351+640	13 53 15.8	63 45 45	FOS/RD	ACCUM	4.3	G650L	6000	1	30	1154	2		1
1351+640	13 53 15.8	63 45 45	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1154	2	ACQ	1
1351+640	13 53 15.8	63 45 45	FOS/RD	ACCUM	2.0-BAR	G650L	6000	1	1800	1154	2		1
1E1352+1820	13 54 34.8	18 6 16	WFC	IMAGE	ALL	F725LP		1	10	1116	3		1
1E1352+1820	13 54 34.8	18 6 16	WFC	IMAGE	ALL	F725LP		1	1700	1116	3		1
1E1352+1820	13 54 34.8	18 6 16	WFC	IMAGE	ALL	F725LP		1	212	1116	3		1
PG1352+183	13 54 35.7	18 5 18	WFC	IMAGE	ALL	F675W		1	1000	1015	2		1
PG1352+183	13 54 35.7	18 5 18	WFC	IMAGE	ALL	F702W		1	2000	1015	2		1
PG1352+183	13 54 35.7	18 5 18	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
PG1352+183	13 54 35.7	18 5 18	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	2
PG1352+183	13 54 35.7	18 5 18	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
PG1352+183	13 54 35.7	18 5 18	FOS/BL	ACCUM	1.0	G160L	1837	1	120	1025	2		1
PG1352+183	13 54 35.7	18 5 18	FOS/RD	ACCUM	1.0	G190H	1980	1	720	1025	2		1
SKY-BG23	13 54 35.7	18 5 18*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
SKY-BG26	13 54 35.7	18 5 18*	FOS/RD	ACCUM	1.0	G650L	6232	1	1000	1015	1	PAR	1
MKN463	13 56 2.9	18 22 19	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
MKN463	13 56 2.9	18 22 19	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
MKN463	13 56 2.9	18 22 19	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
MKN463	13 56 2.9	18 22 19	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
MKN463	13 56 2.9	18 22 19	FOC/288	IMAGE	512X512	F370LP		1	300	1228	2		1
MKN463	13 56 2.9	18 22 19	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
MRK463	13 56 2.9	18 22 19	PC	IMAGE	ALL	F230W		1	1000	1036	0	ACQ	1
MRK463	13 56 2.9	18 22 19	PC	IMAGE	ALL	F517N		1	500	1036	0	ACQ	1
MRK463	13 56 2.9	18 22 19	PC	IMAGE	ALL	F547M		1	200	1036	0	ACQ	1
MRK463	13 56 2.9	18 22 19	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2		1
MRK463	13 56 2.9	18 22 19	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2		1
MRK463	13 56 2.9	18 22 19	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2		1
MRK463	13 56 2.9	18 22 19	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2		1
MRK463	13 56 2.9	18 22 19	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2		1
MRK463	13 56 2.9	18 22 19	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ	1
MRK463-NUC2	13 56 2.9	18 22 19*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2		1
PG1354+213	13 56 32.8	21 3 52	WFC	IMAGE	ALL	F702W		1	2000	1015	2		1
SKY-BG9	13 56 32.8	21 3 52*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
1354+195	13 57 4.5	19 19 7	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MK799NUC	14 0 45.9	59 19 41	WFC	IMAGE	ALL	F230W		1	80	1187	1	ACQ	1
MK799NUC	14 0 45.9	59 19 41	WFC	IMAGE	ALL	F230W		1	800	1187	1	ACQ	1
MK799NUC	14 0 45.9	59 19 41	WFC	IMAGE	ALL	F336W		1	40	1187	1	ACQ	1
MK799NUC	14 0 45.9	59 19 41	WFC	IMAGE	ALL	F336W		1	200	1187	1	ACQ	1
MK799NUC	14 0 45.9	59 19 41	WFC	IMAGE	ALL	F439W		1	60	1187	1	ACQ	1
MK799NUC	14 0 45.9	59 19 41	WFC	IMAGE	ALL	F569W		1	10	1187	1	ACQ	1
MK799NUC	14 0 45.9	59 19 41	WFC	IMAGE	ALL	F664N		1	200	1187	1	ACQ	1
MK799NUC	14 0 45.9	59 19 41	WFC	IMAGE	ALL	G450L		1	200	1187	1	ACQ	1
MK799NUC	14 0 45.9	59 19 41	WFC	IMAGE	ALL	F675W		1	15	1187	1	ACQ	1
MK799NUC	14 0 45.9	59 19 41	HRS	ACCUM	2.0	G140L	1300	1	1800	1187	3		1
MK799NUC	14 0 45.9	59 19 41	HRS	ACCUM	2.0	G140L	1550	1	1500	1187	3		1
MK799NUC	14 0 45.9	59 19 41	HRS	ACCUM	2.0	G140L	1800	1	2100	1187	3		1
MK799HII	14 0 47.1	59 19 27	HRS	ACCUM	2.0	G140L	1300	1	1800	1187	2		1
MK799HII	14 0 47.1	59 19 27	HRS	ACCUM	2.0	G140L	1550	1	1500	1187	2		1
MK799HII	14 0 47.1	59 19 27	HRS	ACCUM	2.0	G140L	1800	1	2100	1187	2		1
MK799HII	14 0 47.1	59 19 27	HRS	ACCUM	2.0	G270M	2600	1	1019	1187	2		1
NGC5457-NUC	14 3 12.7	54 20 58	PC	IMAGE	ALL	F555W		1	20	1118	2		1
NGC5457-NUC	14 3 12.7	54 20 58	PC	IMAGE	ALL	F555W		1	200	1118	2		1
NGC5457-NUC	14 3 12.7	54 20 58	PC	IMAGE	ALL	F785LP		1	16	1118	2		1
NGC5457-NUC	14 3 12.7	54 20 58	PC	IMAGE	ALL	F785LP		1	160	1118	2		1
NGC5457	14 3 13.2	54 21 14	FOC/96	IMAGE	512X512	F275W		1	900	1056	2		1
NGC5457	14 3 13.2	54 21 14	FOC/288	IMAGE	512X512	F275W		1	1800	1056	2	CON SEL	1
NGC5457	14 3 13.2	54 21 14	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	5400	1056	2	CON SEL	1
NGC5457-4	14 3 42.1	54 19 5	WFC	IMAGE	ALL	F284W		1	300	1073	1		1
NGC5457-4	14 3 42.1	54 19 5	WFC	IMAGE	ALL	F656N		1	600	1073	1		1
NGC5457-4	14 3 42.1	54 19 5	WFC	IMAGE	ALL	F375N		1	1500	1073	1		1
NGC5457-4	14 3 42.1	54 19 5	WFC	IMAGE	ALL	F487N		1	480	1073	1		1
NGC5457-4	14 3 42.1	54 19 5	WFC	IMAGE	ALL	F487N		1	2400	1073	1		1
NGC5457-4	14 3 42.1	54 19 5	WFC	IMAGE	ALL	F502N		1	780	1073	1		1
NGC5457-4	14 3 42.1	54 19 5	WFC	IMAGE	ALL	F547M		1	480	1073	1		1
NGC5471	14 4 29.1	54 23 48	FOC/96	IMAGE	512X512	F342W		1	900	1257	3		1
NGC5471	14 4 29.1	54 23 48	FOC/96	IMAGE	512X512	F600M		1	300	1257	3		1
NGC5471	14 4 29.1	54 23 48	FOC/96	IMAGE	512X512	F165W		1	3200	1257	3		1
NGC5471	14 4 29.1	54 23 48	FOC/96	IMAGE	512X512	F437M		1	2500	1257	3		1
NGC5457-1	14 4 29.2	54 23 49	WFC	IMAGE	ALL	F284W		1	300	1073	0		1
NGC5457-1	14 4 29.2	54 23 49	WFC	IMAGE	ALL	F487N		1	300	1073	0		1
NGC5457-1	14 4 29.2	54 23 49	WFC	IMAGE	ALL	F656N		1	300	1073	0		1
NGC5457-1	14 4 29.2	54 23 49	WFC	IMAGE	ALL	F547M		1	300	1073	1		1
NGC5457-1	14 4 29.2	54 23 49	WFC	IMAGE	ALL	F487N		1	2100	1073	0		1
NGC5457-1	14 4 29.2	54 23 49	WFC	IMAGE	ALL	F502N		1	720	1073	0		1
NGC5457-1	14 4 29.2	54 23 49	WFC	IMAGE	ALL	F375N		1	1800	1073	1		1
1E1402.3+0416	14 4 51.0	4 2 2	HSP/UV2	STAR-SKY	0.4	F140LP		1	60	1099	1		8
1E1402.3+0416	14 4 51.0	4 2 2	HSP/POL	STAR-SKY	POL0	F277M		1	66	1099	1		10
1E1402.3+0416	14 4 51.0	4 2 2	HSP/POL	STAR-SKY	POL45	F277M		1	66	1099	1		10
1E1402.3+0416	14 4 51.0	4 2 2	HSP/POL	STAR-SKY	POL90	F277M		1	66	1099	1		10
1E1402.3+0416	14 4 51.0	4 2 2	HSP/UV2	STAR-SKY	0.4-C	F140LP		1	60	1099	1		10
1E1402.3+0416	14 4 51.0	4 2 2	HSP/POL	STAR-SKY	POL135	F277M		1	66	1099	1		10
1402+045	14 5 1.2	4 15 34	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
NGC5457-OUTER-POS	14 5 10.6	54 18 12	FOC/48	IMAGE	512X512	F195W		1	2900	1238	3		1
NGC5457-OUTER-POS	14 5 10.6	54 18 12	FOC/48	IMAGE	512X512	F430W		1	2500	1238	3		1
PG1402+261	14 5 16.2	25 55 35	WFC	IMAGE	ALL	F702W		1	1000	1015	2		1
PG1402+261	14 5 16.2	25 55 35	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PG1402+261	14 5 16.2	25 55 35	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	2
PG1402+261	14 5 16.2	25 55 35	FOS/RD	ACCUM	1.0	G190H	1980	1	900	1025	2		1
PG1402+261	14 5 16.2	25 55 35	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
PG1402+261	14 5 16.2	25 55 35	FOS/BL	ACCUM	1.0	G160L	1837	1	120	1025	2		1
SKY-BG24	14 5 16.2	25 55 35*	FOS/RD	ACCUM	1.0	G650L	6232	1	1000	1015	1	PAR	1
1404+012P11	14 6 38.0	1 2 54	FOC/96	IMAGE	512X512	F342W		1	300	1244	2		1
1404+012P11	14 6 38.0	1 2 54	FOC/96	IMAGE	512X512	F430W		1	300	1244	2		1
1404+012P11	14 6 38.0	1 2 54	FOC/96	IMAGE	512X512	F502M		1	600	1244	2		1
INCA221-92	14 6 40.8	28 29 4	FGS	POS	2	F550W		1	51	1570	2		4
INCA221-92	14 6 40.8	28 29 4	FGS	POS	2	F550W		1	51	1570	3		2
INCA221-93	14 6 55.8	28 26 16	FGS	POS	2	F5ND		1	51	1570	1		4
INCA221-93	14 6 55.8	28 26 16	FGS	POS	2	F5ND		1	51	1570	2		2
1404+286INCA221-92	14 7 0.5	28 27 15	FGS	POS	2	F550W		1	51	1570	2		6
1404+286INCA221-92	14 7 0.5	28 27 15	FGS	POS	2	F550W		1	51	1570	3		3
1404+286INCA221-93	14 7 0.5	28 27 15	FGS	POS	2	F550W		1	51	1570	1		6
1404+286INCA221-93	14 7 0.5	28 27 15	FGS	POS	2	F550W		1	51	1570	2		3
POINT1404+286INCA221-93	14 7 4.3	28 38 57	S/C	POINTING	V1			1	0	1570	1		2
POINT1404+286INCA221-93	14 7 4.3	28 38 57	S/C	POINTING	V1			1	0	1570	2		1
POINT1404+286INCA221-92	14 7 9.1	28 38 39	S/C	POINTING	V1			1	0	1570	2		2
POINT1404+286INCA221-92	14 7 9.1	28 38 39	S/C	POINTING	V1			1	0	1570	3		1
GAL-CLUS-3C295	14 11 20.5	52 12 8	WFC	IMAGE	ALL	F555W		3	2300	1115	2		1
GAL-CLUS-3C295	14 11 20.5	52 12 8	WFC	IMAGE	ALL	F702W		3	2300	1115	2		1
3C295	14 11 20.6	52 12 10	PC	IMAGE	ALL	F606W		1	1200	1058	2		1
3C295	14 11 20.6	52 12 10	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
3C295	14 11 20.6	52 12 10	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
3C295	14 11 20.6	52 12 10	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
3C295	14 11 20.6	52 12 10	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
3C295	14 11 20.6	52 12 10	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
3C295	14 11 20.7	52 12 9	FOC/96	IMAGE	512X512	F502M	4939	1	1800	1243	2		1
3C295	14 11 20.7	52 12 9	FOC/96	IMAGE	512X512	F550M	5459	1	12600	1243	2		1
NGC5506	14 13 14.7	-3 12 22	FOC/96	IMAGE	512X512	F501N	5010	1	400	1227	2		1
NGC5506	14 13 14.7	-3 12 22	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	2		1
NGC5506	14 13 14.7	-3 12 22	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
NGC5506	14 13 14.7	-3 12 22	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	400	1227	2		1
PG1411+442	14 13 48.3	44 0 13	PC	IMAGE	ALL	F128LP		1	708	1032	2	ACQ	1
PG1411+442	14 13 48.3	44 0 13	PC	IMAGE	ALL	F725LP		1	708	1032	2	ACQ	1
PG1411+442	14 13 48.3	44 0 13	FOS/RD	ACCUM	0.5	G650L		1	280	1032	2	CON SEL	1
PG1411+442	14 13 48.3	44 0 13	FOS/RD	ACCUM	0.5	PRISM		1	280	1032	2	CON SEL	1
PG1411+442	14 13 48.3	44 0 13	FOS/RD	ACQ/BINA	4.3	MIRROR		1	2	1032	2	ACQ CON	1
PG1411+442	14 13 48.3	44 0 13	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	2553	1032	2	CON SEL	1
PG1411+442	14 13 48.3	44 0 13	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	2553	1032	2	CON SEL	1
PG1411+442	14 13 48.3	44 0 13	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	10	1032	2	ACQ CON	1
SKY16	14 13 48.3	44 0 13*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	708	1032	2	PAR	2
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	2.0	G140M	1340	1	700	1178	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	2.0	G140M	1380	1	700	1178	3		1
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	2.0	G140M	1300	1	140	1178	3		1
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	2.0	G200M	1900	1	250	1178	3		1
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	2.0	G200M	1815	1	80	1178	3		1
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	2.0	G140L	1342	1	250	1178	3		1
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	2.0	G140L	1608	1	250	1178	3		1
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	2.0	G140M	1216	1	250	1178	3		1
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	2.0	G200M	1655	1	55	1195	1		1
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	2.0	G140L	1314	1	354	1195	1		1
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	2.0	G200M	1994	1	468	1195	1		1
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	0.25	ECH-B24	2327	1	684	1195	1		1
HD124897	14 15 39.9	19 10 57	HRS	WSCAN	0.25	ECH-B21	2651	1	984	1195	1		1
HD124897	14 15 39.9	19 10 57	HRS	WSCAN	0.25	ECH-B22	2603	1	1200	1195	1		1
HD124897	14 15 39.9	19 10 57	HRS	ACCUM	0.25	ECH-B20	2799	1	27	1195	1		1
Q1413+117	14 15 46.3	11 29 45	FOS/RD	ACCUM	1.0	PRISM		1	300	1146	2		1
Q1413+117	14 15 46.3	11 29 45	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
Q1413+117	14 15 46.3	11 29 45	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1146	2	ACQ	1
Q1413+117	14 15 46.3	11 29 45	FOS/BL	ACCUM	1.0	G160L	1837	1	600	1146	2		1
HD125162	14 16 22.9	46 5 18	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD125162	14 16 22.9	46 5 18	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD125162	14 16 22.9	46 5 18	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD125162	14 16 22.9	46 5 18	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
3C296-FIELD	14 16 51.9	10 48 7	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
3C296	14 16 52.9	10 48 27	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C296	14 16 52.9	10 48 27	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
3C296	14 16 52.9	10 48 27	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1
3C296-OFFSET	14 16 52.9	10 48 27*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
NGC5548	14 17 59.6	25 8 9	HRS	ACCUM	2.0	G160M	1570	1	900	1156	2		3
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G140L	1590	1	1380	1170	1		1
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G200M	1885	1	240	1170	1		1
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G270M	2905	1	180	1170	1		1
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G270M	2945	1	180	1170	1		1
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G270M	2865	1	120	1170	1		1
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G200M	1923	1	240	1170	1		1
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G200M	1959	1	240	1170	1		1
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G200M	1997	1	240	1170	1		1
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G270M	2749	1	120	1170	1		1
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G270M	2789	1	120	1170	1		1
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G270M	2829	1	120	1170	1		1
NGC5548	14 17 59.6	25 8 12	HRS	ACCUM	2.0	G140L	1315	1	1019	1170	1		1
NGC5548	14 17 59.6	25 8 12	FOC/96	IMAGE	512X512	F502M	4950	1	600	1227	1		1
NGC5548	14 17 59.6	25 8 12	FOC/96	IMAGE	512X512	F501N	5010	1	600	1227	1		1
NGC5548	14 17 59.6	25 8 12	FOC/96	IMAGE	512X512	F550M	5470	1	600	1227	1		1
NGC5548	14 17 59.6	25 8 12	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
NGC5548	14 17 59.6	25 8 12	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	600	1227	2		1
DEEP-SURVEY-FIELD-2	14 18 0.1	52 27 6	WFC	IMAGE	ALL	F606W		11	2300	1111	1		1
DEEP-SURVEY-FIELD-2	14 18 0.1	52 27 6	WFC	IMAGE	ALL	F725LP		11	2300	1111	1		1
DEEP-SURVEY-FIELD-2	14 18 0.1	52 27 6	FOC/48	IMAGE	512X1024	F275W		13	2200	1111	1	PAR	1
DEEP-SURVEY-FIELD-2	14 18 0.1	52 27 6	FOC/48	IMAGE	512X1024	F430W		13	2200	1111	1	PAR	1
PG1416-129	14 19 3.8	-13 10 45	PC	IMAGE	ALL	F128LP		1	708	1032	2	ACQ	1
PG1416-129	14 19 3.8	-13 10 45	PC	IMAGE	ALL	F725LP		1	708	1032	2	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PG1416-129	14 19 3.8	-13 10 45	FOS/RD	ACCUM	0.5	G650L		1	280	1032	2	CON SEL	1
PG1416-129	14 19 3.8	-13 10 45	FOS/RD	ACCUM	0.5	PRISM		1	280	1032	2	CON SEL	1
PG1416-129	14 19 3.8	-13 10 45	FOS/RD	ACQ/BINA	4.3	MIRROR		1	2	1032	2	ACQ CON	1
PG1416-129	14 19 3.8	-13 10 45	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	2553	1032	2	CON SEL	1
PG1416-129	14 19 3.8	-13 10 45	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	2553	1032	2	CON SEL	1
PG1416-129	14 19 3.8	-13 10 45	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	10	1032	2	ACQ CON	1
SKY17	14 19 3.8	-13 10 45*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	708	1032	2	PAR	2
3C298	14 19 8.5	6 28 35	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C298	14 19 8.5	6 28 35	FOC/288	IMAGE	512X512	F307M		1	600	1228	2		1
3C298	14 19 8.5	6 28 35	FOC/288	IMAGE	512X512	F430W		1	300	1228	2		1
3C298	14 19 8.5	6 28 35	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
2S1417-62	14 21 12.8	-62 41 54	HSP/UV1	SINGLE	1.0	F135W		1	2000	1091	1		1
TON202	14 27 35.7	26 32 15	FOC/96	IMAGE	512X512	F430W		1	1800	1234	0		1
TON202	14 27 35.7	26 32 15	FOC/96	IMAGE	512X512	F342W		1	1800	1234	2		1
TON202	14 27 35.7	26 32 15	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	9000	1234	1	CON	1
B21425+267	14 27 35.7	26 32 14	WFC	IMAGE	ALL	F725LP		1	10	1116	2		1
B21425+267	14 27 35.7	26 32 14	WFC	IMAGE	ALL	F725LP		1	1700	1116	2		1
B21425+267	14 27 35.7	26 32 14	WFC	IMAGE	ALL	F725LP		1	212	1116	2		1
PG1427+480	14 29 43.1	47 47 27	WFC	IMAGE	ALL	F702W		1	2000	1015	2		1
SKY-BG25	14 29 43.1	47 47 27*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
PROXIMA-CENTAURI	14 29 45.6	-62 40 40	FGS	POS	PRIME	F550W		1	52	1011	0		18
PROXIMA-CENTAURI	14 29 45.6	-62 40 40	FGS	POS	PRIME	F550W		1	52	1011	1		32
PROXIMA-CENTAURI	14 29 45.6	-62 40 40	FGS	POS	PRIME	F550W		1	52	2939	0		18
PROXIMA-CENTAURI	14 29 45.6	-62 40 40	FGS	POS	PRIME	F550W		1	52	2940	1		32
GLIESE551	14 29 51.6	-62 40 59	FGS	POS	PRIME	F550W		1	52	1005	0	CON	5
GLIESE551	14 29 51.6	-62 40 59	FGS	POS	PRIME	F550W		1	52	1005	1	CON	12
GLIESE551	14 29 51.6	-62 40 59	FGS	POS	PRIME	F550W		1	52	1005	2	CON	12
GLIESE551	14 29 51.6	-62 40 59	FGS	POS	PRIME	F550W		1	52	2937	0	CON	5
GLIESE551	14 29 51.6	-62 40 59	FGS	POS	PRIME	F550W		1	52	2937	1	CON	12
GLIESE551	14 29 51.6	-62 40 59	FGS	POS	PRIME	F550W		1	52	2937	2	CON	12
GLIESE551	14 29 51.6	-62 40 59	FGS	TRANS	PRIME	F583W		1	100	1005	0	ACQ	1
GLIESE551	14 29 51.6	-62 40 59	FGS	TRANS	PRIME	F583W		1	100	2937	0	ACQ	1
PROXIMA-CEN	14 29 57.7	-62 40 47	HRS	ACCUM	SC2	G160M	1360	1	10	1159	2	CAL	1
PROXIMA-CEN	14 29 57.7	-62 40 47	HRS	RAPID	2.0	G160M	1360	1	1643	1159	2		1
V645-CEN	14 29 57.7	-62 40 47	FOC/96	OCC	512X512-F0.4	F370LP		1	1500	1274	1		1
S4-1435+63	14 36 45.8	63 36 38	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	1	ACQ	1
S4-1435+63	14 36 45.8	63 36 38	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
S4-1435+63	14 36 45.8	63 36 38	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
S4-1435+63	14 36 45.8	63 36 38	FOS/RD	ACCUM	1.0	G400H	4013	1	600	1025	2		1
S4-1435+638	14 36 45.8	63 36 38	PC	IMAGE	ALL	F128LP		1	2125	1032	1	ACQ	1
S4-1435+638	14 36 45.8	63 36 38	PC	IMAGE	ALL	F850LP		1	2125	1032	1	ACQ	1
S4-1435+638	14 36 45.8	63 36 38	FOS/RD	ACCUM	0.5	G650L		1	840	1032	2	CON SEL	1
S4-1435+638	14 36 45.8	63 36 38	FOS/RD	ACCUM	0.5	PRISM		1	840	1032	2	CON SEL	1
S4-1435+638	14 36 45.8	63 36 38	FOS/RD	ACQ/BINA	4.3	MIRROR		1	6	1032	2	ACQ CON	1
S4-1435+638	14 36 45.8	63 36 38	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	7659	1032	2	CON SEL	1
S4-1435+638	14 36 45.8	63 36 38	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	7659	1032	2	CON SEL	1
S4-1435+638	14 36 45.8	63 36 38	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	30	1032	2	ACQ CON	1
SKY10	14 36 45.8	63 36 38*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	2125	1032	1	PAR	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD128621	14 39 35.2	-60 50 16	PC	IMAGE	ALL	F631N		4	500	1062	1		4
HD128621	14 39 35.2	-60 50 16	PC	IMAGE	ALL	F889N		4	260	1062	1		4
HD128621	14 39 35.2	-60 50 16	PC	IMAGE	ALL	F122M F889N		1	1	1062	1		2
HD128621	14 39 35.2	-60 50 16	PC	IMAGE	ALL	F122M F889N		1	1	1062	1	ACQ	1
HD128620	14 39 48.8	-60 50 7	HRS	ACCUM	0.25	ECH-B20	2800	1	280	1175	0		1
HD128620	14 39 48.8	-60 50 7	HRS	ACCUM	0.25	ECH-B22	2600	1	560	1175	0		1
HD128620	14 39 48.8	-60 50 7	HRS	ACCUM	0.25	ECH-A46	1213	1	2560	1175	0		1
HD128621	14 39 48.8	-60 50 7	HRS	ACCUM	0.25	ECH-B20	2800	1	400	1175	0		1
HD128621	14 39 48.8	-60 50 7	HRS	ACCUM	0.25	ECH-B22	2600	1	800	1175	0		1
HD128621	14 39 48.8	-60 50 7	HRS	ACCUM	0.25	ECH-A46	1213	1	3440	1175	0		1
MRK477	14 40 38.1	53 30 16	PC	IMAGE	ALL	F230W		1	1000	1036	0	ACQ	1
MRK477	14 40 38.1	53 30 16	PC	IMAGE	ALL	F517N		1	500	1036	0	ACQ	1
MRK477	14 40 38.1	53 30 16	PC	IMAGE	ALL	F547M		1	200	1036	0	ACQ	1
MRK477	14 40 38.1	53 30 16	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2		1
MRK477	14 40 38.1	53 30 16	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2		1
MRK477	14 40 38.1	53 30 16	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2		1
MRK477	14 40 38.1	53 30 16	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2		1
MRK477	14 40 38.1	53 30 16	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2		1
MRK477	14 40 38.1	53 30 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ	1
MRK477-CLOUD1	14 40 38.1	53 30 16*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	CON	1
HD129174	14 40 43.6	16 25 6	HRS	ACCUM	0.25	ECH-A	1362	1	321	1182	2		1
HD129174	14 40 43.6	16 25 6	HRS	ACCUM	0.25	ECH-B	1942	1	167	1182	2		1
NGC5728	14 42 23.9	-17 15 11	FOC/96	IMAGE	512X512	F152M	1500	1	300	1223	2		2
NGC5728	14 42 23.9	-17 15 11	FOC/96	IMAGE	512X512	F152M	1500	1	600	1223	2		1
NGC5728	14 42 23.9	-17 15 11	FOC/96	IMAGE	512X512	F140M	1390	1	300	1223	2		1
NGC5728	14 42 23.9	-17 15 11	FOC/96	IMAGE	512X512	F140M	1390	1	900	1223	2		1
NGC5728	14 42 23.9	-17 15 11	FOC/96	IMAGE	512X512	F170M	1760	1	300	1223	2		1
NGC5728	14 42 23.9	-17 15 11	FOC/96	IMAGE	512X512	F170M	1760	1	900	1223	2		1
3C303Q	14 43 0.5	52 1 37	FOS/BL	ACQ/BINA	4.3	MIRROR		1	22	1039	2	ACQ	3
3C303Q	14 43 0.5	52 1 37	FOS/BL	ACQ/BINA	4.3	MIRROR		1	39	1039	2	ACQ	1
3C303Q	14 43 0.5	52 1 37	FOS/BL	ACQ/BINA	4.3	MIRROR		1	33	1039	2	ACQ	1
3C303	14 43 0.6	52 1 37	FOC/96	IMAGE	512X512	F480LP		1	1740	1058	2		1
3C303H	14 43 0.6	52 1 33	FOS/BL	ACCUM	1.0	PRISM	3500	1	1600	1039	2		1
3C303H	14 43 0.6	52 1 33	FOS/BL	ACCUM	1.0	G160L	1600	1	1600	1039	2		1
3C303G	14 43 1.0	52 1 39	FOS/BL	ACCUM	1.0	PRISM	3500	1	2800	1039	2		1
3C303G	14 43 1.0	52 1 39	FOS/BL	ACCUM	1.0	G160L	1600	1	2800	1039	2		1
3C303-FIELD	14 43 1.7	52 1 37	WFC	IMAGE	ALL	F336W		1	2400	1039	2	ACQ	1
3C303-FIELD	14 43 1.7	52 1 37	WFC	IMAGE	ALL	F439W		1	1200	1039	2	ACQ	1
3C303-FIELD	14 43 1.7	52 1 37	WFC	IMAGE	ALL	F569W		1	1200	1039	2	ACQ	1
3C303-ARM	14 43 1.7	52 1 37	FOS/BL	ACCUM	1.0	PRISM	3500	1	1600	1039	2		1
3C303-ARM	14 43 1.7	52 1 37	FOS/BL	ACCUM	1.0	G160L	1600	1	1600	1039	2		1
3C303	14 43 1.9	52 1 39	WFC	IMAGE	ALL	F725LP		1	50	1116	1		1
3C303	14 43 1.9	52 1 39	WFC	IMAGE	ALL	F725LP		1	1700	1116	1		1
3C303	14 43 1.9	52 1 39	WFC	IMAGE	ALL	F725LP		1	212	1116	1		1
3C303	14 43 2.8	52 1 38	FOS/BL	ACCUM	0.5	PRISM	3500	1	1600	1039	2		1
3C303	14 43 2.8	52 1 38	FOS/BL	ACCUM	0.5	G160L	1600	1	1600	1039	2		1
3C303-JET	14 43 2.8	52 1 37	FOS/BL	ACCUM	1.0	PRISM	3500	1	2400	1039	2		1
3C303-JET	14 43 2.8	52 1 37	FOS/BL	ACCUM	1.0	G160L	1600	1	2400	1039	2		1
1442+102	14 45 16.5	9 58 36	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
1442+102	14 45 16.5	9 58 36	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	1		1
1442+101	14 45 16.5	9 58 36	FOS/RD	ACCUM	0.5	PRISM	3500	1	50	1027	0		2
1442+101	14 45 16.5	9 58 36	FOS/RD	ACCUM	0.5	PRISM	3500	1	1800	1027	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
1442+101	14 45 16.5	9 58 36	FOS/BL	ACCUM	0.5	G160L	1650	1	50	1027	0		2
1442+101	14 45 16.5	9 58 36	FOS/BL	ACCUM	0.5	G160L	1650	1	1000	1027	0		1
1442+101	14 45 16.5	9 58 36	FOS/BL	ACCUM	0.5	G130H	1300	1	6400	1027	2	CON	1
1442+101	14 45 16.5	9 58 36	FOS/RD	ACCUM	0.5	G190H	1900	1	4800	1027	2	CON	1
1442+101	14 45 16.5	9 58 36	FOS/RD	ACCUM	0.5	G270H	2700	1	1600	1027	2	CON	1
1442+101	14 45 16.5	9 58 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1027	0	ACQ	1
1442+101	14 45 16.5	9 58 36	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1027	0	ACQ	1
1442+101	14 45 16.5	9 58 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	17	1027	2	ACQ CON	1
1442+101	14 45 16.5	9 58 36	FOS/RD	ACQ/BINA	4.3	MIRROR		1	17	1027	2	ACQ CON	1
1442+101	14 45 16.5	9 58 36	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
1442+101	14 45 16.5	9 58 37	WFC	IMAGE	ALL	F606W		1	3000	1045	1	ACQ CON	1
1442+101	14 45 16.5	9 58 37	FOS/RD	ACQ/BINA	4.3	MIRROR		1	26	1045	2	ACQ CON SEL	2
1442+101	14 45 16.5	9 58 37	FOS/RD	ACQ/BINA	4.3	MIRROR		1	26	1045	2	ACQ CON SEL	1
FJ1083-15	14 45 52.6	-14 34 34	WFC	IMAGE	ALL	F569W		1	0	1083	3	ACQ	2
FJ1083-15	14 45 52.6	-14 34 34	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	3		2
PG1444+407	14 46 46.0	40 35 6	WFC	IMAGE	ALL	F702W		1	400	1015	1		1
PG1444+407	14 46 46.0	40 35 6	WFC	IMAGE	ALL	F702W		1	1600	1015	1		1
SKY-BG10	14 46 46.0	40 35 6*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
HD130095	14 46 51.3	-27 14 55	HRS	ACCUM	0.25	G160M	1561	1	900	1182	0		1
HD130095	14 46 51.3	-27 14 55	HRS	ACCUM	0.25	G200M	1931	1	710	1182	0		1
HD130095	14 46 51.3	-27 14 55	HRS	ACCUM	0.25	G200M	1744	1	1040	1182	0		1
HD130095	14 46 51.3	-27 14 55	HRS	ACCUM	0.25	G160M	1412	1	1555	1182	0		1
HD130095	14 46 51.3	-27 14 55	HRS	ACCUM	0.25	G160M	1488	1	1095	1182	0		1
HD130095	14 46 51.3	-27 14 55	HRS	ACCUM	0.25	G160M	1357	1	2345	1182	0		1
HD130095	14 46 51.3	-27 14 55	HRS	ACCUM	0.25	G160M	1652	1	1364	1182	0		1
3C305	14 49 21.6	63 16 14	FOC/96	IMAGE	512X512	F130M		1	900	1228	1		1
3C305	14 49 21.6	63 16 14	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C305	14 49 21.6	63 16 14	FOC/96	IMAGE	512X512	F370LP		1	600	1228	1		1
3C305	14 49 21.6	63 16 14	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C305	14 49 21.6	63 16 14	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C305	14 49 21.7	63 16 13	FOC/96	IMAGE	512X512	F502M	4950	1	600	1227	2		1
3C305	14 49 21.7	63 16 13	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	700	1227	2		1
HD131156	14 51 23.4	19 5 59	HRS	ACCUM	SC2	G160M	1360	1	10	1159	2	CAL	1
HD131156	14 51 23.4	19 5 59	HRS	RAPID	2.0	G160M	1360	1	1643	1159	2		1
3C309.1	14 59 7.6	71 40 20	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C309.1	14 59 7.6	71 40 20	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
3C309.1	14 59 7.6	71 40 20	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC5813	15 1 11.2	1 42 8	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC5813	15 1 11.2	1 42 8	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
NGC5813	15 1 11.2	1 42 8	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC5813	15 1 11.2	1 42 8	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC5813	15 1 11.2	1 42 8	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
NGC5813-NUC	15 1 11.2	1 42 7	PC	IMAGE	ALL	F785LP		1	57	1118	3		1
NGC5813-NUC	15 1 11.2	1 42 7	PC	IMAGE	ALL	F785LP		1	570	1118	3		1
NGC5813-NUC	15 1 11.2	1 42 7	PC	IMAGE	ALL	F555W		1	79	1118	3		1
NGC5813-NUC	15 1 11.2	1 42 7	PC	IMAGE	ALL	F555W		1	797	1118	3		1
4U1458-41	15 2 54.3	-41 55 45	WFC	IMAGE	ALL	F336W		1	1200	1098	2		1
4U1458-41	15 2 54.3	-41 55 45	WFC	IMAGE	ALL	F702W		1	1200	1098	2	ACQ	1
4U1458-41	15 2 54.3	-41 55 45	HSP/VIS	SINGLE	0.4	F160LP		1	1200	1098	2	CON	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
4U1458-41	15 2 54.3	-41 55 45	FOS/RD	ACCUM	0.3	G650L	6000	1	1800	1098	2	CON	1
NGC5824	15 3 54.1	-33 3 48	PC	IMAGE	ALL	F439W	4385	1	500	1053	2	ACQ	1
NGC5824	15 3 54.1	-33 3 48	PC	IMAGE	ALL	F336W	3363	1	500	1053	2	ACQ	1
NGC5824	15 3 54.1	-33 3 48	PC	IMAGE	ALL	F656N	6559	1	500	1053	2	ACQ	1
NGC5824-OFFSET	15 3 54.1	-33 3 48	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1053	2	ACQ CON	1
NGC5824-STAR	15 3 54.1	-33 3 48*	FOS/RD	ACCUM	0.3	PRISM		1	500	1053	2	CON	1
NGC5824-STAR	15 3 54.1	-33 3 48*	FOS/RD	ACCUM	0.3	PRISM		1	1000	1053	2	CON	1
NGC5824-STAR	15 3 54.1	-33 3 48*	FOS/RD	ACCUM	0.3	G570H		1	3500	1053	2	CON	1
URSA-MINOR-150812+672300	15 8 32.5	67 12 22	WFC	IMAGE	ALL	F555W		1	200	1110	2		1
URSA-MINOR-150812+672300	15 8 32.5	67 12 22	WFC	IMAGE	ALL	F555W		1	2000	1110	2		1
URSA-MINOR-150812+672300	15 8 32.5	67 12 22	WFC	IMAGE	ALL	F785LP		1	200	1110	2		1
URSA-MINOR-150812+672300	15 8 32.5	67 12 22	WFC	IMAGE	ALL	F785LP		1	1700	1110	2		1
POINT1510-089INCA221-103	15 12 2.8	-9 4 40	S/C	POINTING	V1			1	0	1570	1		1
POINT1510-089INCA221-103	15 12 2.8	-9 4 40	S/C	POINTING	V1			1	0	1570	2		1
INCA221-103	15 12 25.4	-9 15 43	FGS	POS	2	F583W		1	51	1570	1		2
INCA221-103	15 12 25.4	-9 15 43	FGS	POS	2	F583W		1	51	1570	2		2
PKS1510-089	15 12 50.5	-9 6 0	PC	IMAGE	ALL	F128LP		1	708	1032	2	ACQ	1
PKS1510-089	15 12 50.5	-9 6 0	PC	IMAGE	ALL	F725LP		1	708	1032	2	ACQ	1
PKS1510-089	15 12 50.5	-9 6 0	FOS/RD	ACCUM	0.5	G650L		1	280	1032	2	CON SEL	1
PKS1510-089	15 12 50.5	-9 6 0	FOS/RD	ACCUM	0.5	PRISM		1	280	1032	2	CON SEL	1
PKS1510-089	15 12 50.5	-9 6 0	FOS/RD	ACQ/BINA	4.3	MIRROR		1	2	1032	2	ACQ CON	1
PKS1510-089	15 12 50.5	-9 6 0	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	2553	1032	2	CON SEL	1
PKS1510-089	15 12 50.5	-9 6 0	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	2553	1032	2	CON SEL	1
PKS1510-089	15 12 50.5	-9 6 0	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	10	1032	2	ACQ CON	1
SKY5	15 12 50.5	-9 6 0*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	708	1032	2	PAR	2
PKS1510-089	15 12 50.6	-9 6 0	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1163	2	ACQ	1
PKS1510-089	15 12 50.6	-9 6 0	FOS/BL	ACCUM	1.0	G270H	2766	1	600	1163	2		1
PKS1510-089	15 12 50.6	-9 6 0	FOS/BL	ACCUM	1.0	G130H	1379	1	2100	1163	2		1
PKS1510-089	15 12 50.6	-9 6 0	FOS/BL	ACCUM	1.0	G190H	1944	1	1200	1163	2		1
1510-089INCA221-103	15 13 29.1	-9 5 33	FGS	POS	2	F583W		1	51	1570	1		3
1510-089INCA221-103	15 13 29.1	-9 5 33	FGS	POS	2	F583W		1	51	1570	2		3
MSH15-52	15 13 55.6	-59 8 9	PC	IMAGE	ALL	F702W		1	1800	1098	2	ACQ	1
MSH15-52	15 13 55.6	-59 8 9	HSP/VIS	SINGLE	0.4	F160LP		1	1200	1098	2	CON	2
MSH15-52	15 13 55.6	-59 8 9	FOS/RD	ACCUM	0.3	G650L	6000	1	1800	1098	2	CON	1
4C37.43	15 14 43.1	36 50 51	FOC/96	IMAGE	512X512	F170M		1	600	1228	2		1
4C37.43	15 14 43.1	36 50 51	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
4C37.43	15 14 43.1	36 50 51	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
4C37.43	15 14 43.1	36 50 51	FOC/288	IMAGE	512X512	F370LP		1	300	1228	2		1
4C37.43	15 14 43.1	36 50 51	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C317	15 16 44.6	7 1 18	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C317	15 16 44.6	7 1 18	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
3C317	15 16 44.6	7 1 18	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1
3C317-FIELD	15 16 44.6	7 1 18	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
3C317-OFFSET	15 16 44.6	7 1 18*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
3C317	15 16 46.5	7 1 18	FOC/96	IMAGE	512X512	F152M	1500	1	500	1227	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C317	15 16 46.5	7 1 18	FOC/96	IMAGE	512X512	F152M	1500	1	500	1227	1		1
3C317	15 16 46.5	7 1 18	FOC/96	IMAGE	512X512	F502M	4950	1	300	1227	0		1
3C317	15 16 46.5	7 1 18	FOC/96	IMAGE	512X512	F502M	4950	1	500	1227	1		1
3C317	15 16 46.5	7 1 18	FOC/96	IMAGE	512X512	F550M	5470	1	300	1227	0		1
3C317	15 16 46.5	7 1 18	FOC/96	IMAGE	512X512	F550M	5470	1	500	1227	1		1
3C317	15 16 46.5	7 1 18	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	500	1227	2		1
3C317	15 16 46.5	7 1 18	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	500	1227	2		1
POINT1514-241INCA221-104	15 16 49.5	-24 23 33	S/C	POINTING	V1			1	0	1570	0		1
POINT1514-241INCA221-104	15 16 49.5	-24 23 33	S/C	POINTING	V1			1	0	1570	2		1
INCA221-104	15 17 34.9	-24 28 37	FGS	POS	2	F550W		1	51	1570	0		2
INCA221-104	15 17 34.9	-24 28 37	FGS	POS	2	F550W		1	51	1570	2		2
1514-241INCA221-104	15 17 41.8	-24 22 19	FGS	POS	2	F550W		1	51	1570	0		3
1514-241INCA221-104	15 17 41.8	-24 22 19	FGS	POS	2	F550W		1	51	1570	2		3
1514-241INCA221-105	15 17 41.8	-24 22 19	FGS	POS	2	F550W		1	51	1570	1		3
1514-241INCA221-105	15 17 41.8	-24 22 19	FGS	POS	2	F550W		1	51	1570	2		3
AP-LIB	15 17 41.8	-24 22 19	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1099	1		10
AP-LIB	15 17 41.8	-24 22 20	WFC	IMAGE	ALL	F725LP		1	2000	1116	3		1
AP-LIB	15 17 41.8	-24 22 20	WFC	IMAGE	ALL	F725LP		1	250	1116	3		1
NGC5904	15 18 33.8	2 4 58	PC	IMAGE	ALL	F555W		1	10	1019	2		1
NGC5904	15 18 33.8	2 4 58	PC	IMAGE	ALL	F785LP		1	10	1019	2		1
POINT1514-241INCA221-105	15 18 33.8	-24 27 9	S/C	POINTING	V1			1	0	1570	1		1
POINT1514-241INCA221-105	15 18 33.8	-24 27 9	S/C	POINTING	V1			1	0	1570	2		1
INCA221-105	15 18 35.9	-24 15 0	FGS	POS	2	F5ND		1	51	1570	1		2
INCA221-105	15 18 35.9	-24 15 0	FGS	POS	2	F5ND		1	51	1570	2		2
ME2-1	15 22 18.2	-23 37 40	WFC	IMAGE	ALL	F336W		1	200	1108	2		1
ME2-1	15 22 18.2	-23 37 40	WFC	IMAGE	ALL	F439W		1	100	1108	2		1
ME2-1	15 22 18.2	-23 37 40	WFC	IMAGE	ALL	F622W		1	60	1108	2		1
ME2-1	15 22 18.2	-23 37 40	WFC	IMAGE	ALL	F157W		1	420	1108	2		1
ME2-1	15 22 18.2	-23 37 40	WFC	IMAGE	ALL	F284W		1	240	1108	2		1
3C319	15 24 5.0	54 28 6	FOC/96	IMAGE	512X512	F480LP		1	1740	1058	2		1
PG1522+101	15 24 24.5	9 58 29	FOS/RD	ACCUM	0.5	PRISM	3500	1	300	1026	0		1
PG1522+101	15 24 24.5	9 58 29	FOS/BL	ACCUM	0.5	G130H	1300	1	4000	1026	0		1
PG1522+101	15 24 24.5	9 58 29	FOS/RD	ACCUM	0.5	G190H	1900	1	2000	1026	0		1
PG1522+101	15 24 24.5	9 58 29	FOS/RD	ACCUM	0.5	G270H	2700	1	2000	1026	0		1
PG1522+101	15 24 24.5	9 58 29	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1026	0	ACQ	1
PG1522+101	15 24 24.5	9 58 29	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1026	0	ACQ	1
FP1086-4	15 26 4.9	-2 36 54	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1800	1086	1		1
1525+227	15 27 57.7	22 33 4	WFC	IMAGE	ALL	F725LP		1	30	1116	3		1
1525+227	15 27 57.7	22 33 4	WFC	IMAGE	ALL	F725LP		1	1700	1116	3		1
1525+227	15 27 57.7	22 33 4	WFC	IMAGE	ALL	F725LP		1	212	1116	3		1
HD138629	15 31 46.9	40 53 58	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD138629	15 31 46.9	40 53 58	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD138629	15 31 46.9	40 53 58	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD138629	15 31 46.9	40 53 58	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
ARP220	15 34 57.3	23 30 12	FOC/96	IMAGE	512X512	F342W		1	300	1244	2		1
ARP220	15 34 57.3	23 30 12	FOC/96	IMAGE	512X512	F130M		1	1800	1244	1		1
ARP220	15 34 57.3	23 30 12	FOC/96	IMAGE	512X512	F430W		1	1200	1244	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
ARP220	15 34 57.3	23 30 12	FOC/96	IMAGE	512X512	F502M		1	1800	1244	1		1
IC4553/4	15 34 57.6	23 30 14	WFC	IMAGE	ALL	F702W		1	30	1105	2		1
IC4553/4	15 34 57.6	23 30 14	WFC	IMAGE	ALL	F555W		1	30	1105	3		1
IC4553/4	15 34 57.6	23 30 14	WFC	IMAGE	ALL	F702W		1	230	1105	2		1
IC4553/4	15 34 57.6	23 30 14	WFC	IMAGE	ALL	F702W		1	1400	1105	2		1
IC4553/4	15 34 57.6	23 30 14	WFC	IMAGE	ALL	F555W		1	230	1105	3		1
IC4553/4	15 34 57.6	23 30 14	WFC	IMAGE	ALL	F555W		1	1400	1105	3		1
IC4553/4	15 34 57.6	23 30 14	WFC	IMAGE	ALL	F785LP		1	30	1105	3		1
IC4553/4	15 34 57.6	23 30 14	WFC	IMAGE	ALL	F785LP		1	230	1105	3		1
IC4553/4	15 34 57.6	23 30 14	WFC	IMAGE	ALL	F785LP		1	1400	1105	3		1
NGC5946	15 35 28.5	-50 39 34	FOC/96	IMAGE	512X512	F430W		2	600	1280	3		1
NGC5946-OUTER	15 35 28.5	-50 39 34	WFC	IMAGE	ALL	F555W		1	480	1280	1	PAR	1
NGC5946-OUTER	15 35 28.5	-50 39 34	WFC	IMAGE	ALL	F785LP		1	720	1280	1	PAR	1
MRK486-FIELD	15 36 38.4	54 33 13	WFC	IMAGE	ALL	F439W	4353	1	15	1029	2	ACQ	1
MRK486	15 36 38.4	54 33 33	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		2
MRK486	15 36 38.4	54 33 33	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		1
MRK486	15 36 38.4	54 33 33	FOS/BL	ACCUM	0.5	G130H	1379	1	1500	1029	2		1
MRK486	15 36 38.4	54 33 33	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	1	1029	2	ACQ	1
MRK486	15 36 38.4	54 33 33	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6337	1	1500	1029	2		1
MRK486-OFFSET	15 36 38.4	54 33 33*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
MRK486-OFFSET	15 36 38.4	54 33 33*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
IZW121	15 36 38.4	54 33 32	PC	IMAGE	ALL	F555W		1	100	1105	1		1
IZW121	15 36 38.4	54 33 32	PC	IMAGE	ALL	F555W		1	1400	1105	1		1
HD139006	15 39 41.2	26 42 53	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD139006	15 39 41.2	26 42 53	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD139006	15 39 41.2	26 42 53	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD139006	15 39 41.2	26 42 53	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
4U1538-52	15 42 23.3	-52 23 10	HSP/UV1	PRISM	1.0	F248M/F135W		1	3000	1091	1		1
HD140283	15 43 3.0	-10 56 2	HRS	ACCUM	0.25	G270M	2497	2	1800	1064	0		1
3CR323.1	15 47 43.5	20 52 17	HSP/UV2	STAR-SKY	0.4-C	F140LP		1	60	1099	1		10
PG1545+210	15 47 43.6	20 52 16	WFC	IMAGE	ALL	F702W		1	400	1015	1		1
PG1545+210	15 47 43.6	20 52 16	WFC	IMAGE	ALL	F702W		1	1600	1015	1		1
PG1545+210	15 47 43.6	20 52 16	WFC	IMAGE	ALL	F785LP		1	400	1015	1		1
PG1545+210	15 47 43.6	20 52 16	WFC	IMAGE	ALL	F785LP		1	1600	1015	1		1
SKY-BG11	15 47 43.6	20 52 16*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
SKY-BG15	15 47 43.6	20 52 16*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
1546+027INCA221-106	15 49 29.5	2 37 2	PC	IMAGE	P8	F606W		1	50	1013	1	CON	1
1546+027INCA221-106	15 49 29.5	2 37 2	PC	IMAGE	P8	F606W		1	50	1013	2	CON	1
1546+027INCA221-106	15 49 29.5	2 37 2	PC	IMAGE	P8	F725LP		1	100	1013	1	CON	1
1546+027INCA221-106	15 49 29.5	2 37 2	PC	IMAGE	P8	F725LP		1	100	1013	2	CON	1
INCA221-106-AST1	15 49 42.7	2 24 57	FGS	POS	2	F550W		1	50	1013	1	CON PAR	1
INCA221-106-AST1	15 49 42.7	2 24 57	FGS	POS	2	F550W		1	100	1013	1	CON PAR	1
INCA221-106-AST1	15 49 42.7	2 24 57	FGS	POS	2	F550W		1	50	1013	2	CON PAR	1
INCA221-106-AST1	15 49 42.7	2 24 57	FGS	POS	2	F550W		1	100	1013	2	CON PAR	1
3C324	15 49 48.8	21 25 37	WFC	IMAGE	ALL	F702W		1	2700	1070	1		1
3C324	15 49 48.8	21 25 37	WFC	IMAGE	ALL	F791W		1	2700	1070	1		1
3C324	15 49 48.8	21 25 37	WFC	IMAGE	ALL	F850LP		1	2700	1070	1		1
3C324	15 49 48.8	21 25 37	FOC/96	IMAGE	512X512	F342W		1	2000	1229	2		1
3C324	15 49 48.8	21 25 37	FOC/96	IMAGE	512X512	F430W		1	2000	1229	2		1
INCA221-106	15 49 51.6	2 30 3	PC	IMAGE	P8	F658N		1	1	1013	1	CON	1
INCA221-106	15 49 51.6	2 30 3	PC	IMAGE	P8	F658N		1	1	1013	2	CON	1
INCA221-106-AST2	15 50 7.7	2 19 43	FGS	POS	2	F550W		1	1	1013	1	CON PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
INCA221-106-AST2	15 50 7.7	2 19 43	FGS	POS	2	F550W		1	1	1013	2	CON PAR	1
MC1548+114A	15 50 43.6	11 20 48	WFC	IMAGE	ANY	F128LP		1	1200	1026	2	ACQ	1
1548+114	15 50 43.7	11 20 48	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
MC1548+114A+B	15 50 43.8	11 20 47	FOC/96	IMAGE	512X512	F278M		1	1200	1233	1		1
MC1548+114A+B	15 50 43.8	11 20 47	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1800	1233	1		1
MC1548+114B	15 50 43.9	11 20 47	FOS/BL	ACCUM	0.5	G160L	1650	1	500	1026	2		1
MC1548+114B	15 50 43.9	11 20 47	FOS/BL	ACQ/BINA	4.3	MIRROR		1	28	1026	2	ACQ	1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-A	1330	1	420	1182	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-A	1650	1	1530	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-A	1335	1	420	1182	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	3035	1	635	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-B	2082	1	90	1182	3		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-A	1362	1	525	1182	1		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-A	1649	1	755	1182	1		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-B	1942	1	175	1182	1		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-B	1739	1	465	1182	1		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-B	1849	1	175	1182	1		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-B	2354	1	120	1182	1		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-B	2536	1	120	1182	1		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-A	1378	1	375	1182	3		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-A	1677	1	550	1182	3		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-B	1783	1	150	1182	3		1
HD141556	15 50 57.5	-33 37 38	HRS	ACCUM	0.25	ECH-B	1801	1	126	1182	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	2903	1	649	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	2916	1	654	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	2929	1	658	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	2943	1	661	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	2956	1	710	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	2969	1	699	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	2982	1	686	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	2996	1	672	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	2876	1	640	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	2889	1	646	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	3009	1	660	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-B	3022	1	648	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-A	1658	1	1534	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-A	1666	1	1539	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-A	1668	1	1534	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-A	1673	1	1544	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-A	1676	1	1534	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-A	1684	1	1534	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-A	1681	1	1674	1183	3		1
HD141556	15 50 57.5	-33 37 38	HRS	OSCAN	0.25	ECH-A	1692	1	1658	1183	3		1
HD142860	15 56 27.1	15 39 42	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD142860	15 56 27.1	15 39 42	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD142860	15 56 27.1	15 39 42	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD142860	15 56 27.1	15 39 42	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
RU-LUPI	15 56 40.9	-37 49 38	FOC/96	IMAGE	512X512	F140M		1	600	1263	2		1
RU-LUPI	15 56 40.9	-37 49 38	FOC/96	IMAGE	512X512	F152M		1	600	1263	2		1
RU-LUPI	15 56 40.9	-37 49 38	FOC/96	IMAGE	512X512	F253M		1	600	1263	2		1
RU-LUPI	15 56 40.9	-37 49 38	FOC/96	IMAGE	512X512	F278M		1	600	1263	2		1
RU-LUPI	15 56 40.9	-37 49 38	FOC/96	IMAGE	512X512	F346M		1	300	1263	2		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
RU-LUPI	15 56 40.9	-37 49 38	FOC/96	IMAGE	512X512	F346M F4ND		1	300	1263	2		1
RU-LUPI	15 56 42.3	-38 15 12	HRS	ACCUM	2.0	G140L	1300	2	90	1209	1		1
RU-LUPI	15 56 42.3	-38 15 12	HRS	ACCUM	2.0	G140L	1550	2	90	1209	1		1
RU-LUPI	15 56 42.3	-38 15 12	HRS	ACCUM	2.0	G270M	2800	1	45	1209	1		1
RU-LUPI	15 56 42.3	-38 15 12	HRS	ACCUM	2.0	G140L	1800	2	75	1209	1		1
RU-LUPI	15 56 42.3	-38 15 12	HRS	ACCUM	2.0	G160M	1400	2	260	1209	1		1
RU-LUPI	15 56 42.3	-38 15 12	HRS	ACCUM	2.0	G200M	1900	3	330	1209	1		1
RU-LUPI	15 56 42.3	-38 15 12	HRS	ACCUM	2.0	G160M	1550	4	210	1209	1		1
RU-LUPI	15 56 42.3	-38 15 12	HRS	ACCUM	2.0	G270M	2325	2	140	1209	1		1
RU-LUPI	15 56 42.3	-38 15 12	HRS	ACCUM	2.0	G160M	1215	4	210	1209	1		1
DEEP-SURVEY-FIELD-1	15 58 37.8	42 3 9	WFC	IMAGE	ALL	F606W		11	2300	1111	2		1
DEEP-SURVEY-FIELD-1	15 58 37.8	42 3 9	WFC	IMAGE	ALL	F725LP		11	2300	1111	2		1
DEEP-SURVEY-FIELD-1	15 58 37.8	42 3 9	FOC/48	IMAGE	512X1024	F275W		1	2200	1111	1	PAR	1
DEEP-SURVEY-FIELD-1	15 58 37.8	42 3 9	FOC/48	IMAGE	512X1024	F430W		1	2200	1111	1	PAR	1
FIELD155836+420308	15 58 37.8	42 3 9	WFC	IMAGE	ALL	F336W		1	2700	1276	1		1
FIELD155836+420308	15 58 37.8	42 3 9	WFC	IMAGE	ALL	F439W		1	2700	1276	1		1
FIELD155836+420308	15 58 37.8	42 3 9	WFC	IMAGE	ALL	F555W		1	2700	1276	1		1
FIELD155836+420308	15 58 37.8	42 3 9	WFC	IMAGE	ALL	F702W		1	2700	1276	1		1
FIELD155836+420308	15 58 37.8	42 3 9	WFC	IMAGE	ALL	G450L		1	1800	1078	0		1
FIELD155836+420308	15 58 37.8	42 3 9	WFC	IMAGE	ALL	G800L		1	1800	1078	0		1
FIELD155836+420308	15 58 37.8	42 3 9	WFC	IMAGE	ALL	F1042M		1	2700	1276	1		1
FIELD155836+420308	15 58 37.8	42 3 9	WFC	IMAGE	ALL	F785LP		1	2700	1276	1		1
FIELD155845+420420	15 58 46.8	42 4 22	WFC	IMAGE	ALL	G450L		1	1800	1078	0		1
FIELD155845+420420	15 58 46.8	42 4 22	WFC	IMAGE	ALL	G800L		1	1800	1078	0		1
FIELD155845+420420	15 58 46.8	42 4 22	WFC	IMAGE	ALL	F725LP		1	2700	1276	0		1
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-B	2312	4	240	1066	1		1
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-A	1360	4	900	1069	2		1
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-A	1341	4	240	1066	1		1
FIELD155855+420534	15 58 55.9	42 5 35	WFC	IMAGE	ALL	G450L		1	1800	1078	0		1
FIELD155855+420534	15 58 55.9	42 5 35	WFC	IMAGE	ALL	G800L		1	1800	1078	0		1
FIELD155855+420534	15 58 55.9	42 5 35	WFC	IMAGE	ALL	F725LP		1	2700	1276	0		1
FIELD155904+420646	15 59 5.0	42 6 48	WFC	IMAGE	ALL	F336W		1	2700	1276	2		1
FIELD155904+420646	15 59 5.0	42 6 48	WFC	IMAGE	ALL	F439W		1	2700	1276	2		1
FIELD155904+420646	15 59 5.0	42 6 48	WFC	IMAGE	ALL	F555W		1	2700	1276	2		1
FIELD155904+420646	15 59 5.0	42 6 48	WFC	IMAGE	ALL	F702W		1	2700	1276	2		1
FIELD155904+420646	15 59 5.0	42 6 48	WFC	IMAGE	ALL	G450L		1	1800	1078	0		1
FIELD155904+420646	15 59 5.0	42 6 48	WFC	IMAGE	ALL	G800L		1	1800	1078	0		1
FIELD155904+420646	15 59 5.0	42 6 48	WFC	IMAGE	ALL	F725LP		1	2700	1276	0		1
FIELD155904+420646	15 59 5.0	42 6 48	WFC	IMAGE	ALL	F1042M		1	2700	1276	2		1
FIELD155904+420646	15 59 5.0	42 6 48	WFC	IMAGE	ALL	F785LP		1	2700	1276	2		1
FIELD155912+420800	15 59 14.1	42 8 1	WFC	IMAGE	ALL	G800L		1	1800	1078	0		1
FIELD155912+420800	15 59 14.1	42 8 1	WFC	IMAGE	ALL	G450L		1	1800	1078	2		1
FIELD155912+420800	15 59 14.1	42 8 1	WFC	IMAGE	ALL	F725LP		1	2700	1276	0		1
FIELD155922+420913	15 59 23.1	42 9 14	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD155922+420913	15 59 23.1	42 9 14	WFC	IMAGE	ALL	G450L		1	1800	1078	2		1
FIELD155922+420913	15 59 23.1	42 9 14	WFC	IMAGE	ALL	F725LP		1	2700	1276	0		1
T-COR-BOR	15 59 30.2	25 55 11	FOC/96	IMAGE	512X512	F486N		1	1200	1253	2		1
T-COR-BOR	15 59 30.2	25 55 11	FOC/96	IMAGE	512X512	F501N		1	1200	1253	2		1
FIELD155931+421025	15 59 31.4	42 10 27	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD155931+421025	15 59 31.4	42 10 27	WFC	IMAGE	ALL	G450L		1	1800	1078	2		1
FIELD155931+421025	15 59 32.2	42 10 27	WFC	IMAGE	ALL	F725LP		1	2700	1276	0		1
FIELD155941+421139	15 59 41.3	42 11 40	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FIELD155941+421139	15 59 41.3	42 11 40	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD155950+421251	15 59 50.4	42 12 53	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD155950+421251	15 59 50.4	42 12 53	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD155958+421405	15 59 59.5	42 14 6	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD155958+421405	15 59 59.5	42 14 6	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-A	1530	1	48	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-B	2370	1	12	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-A	1303	1	19	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-A	1356	1	45	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-A	1558	1	45	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-A	1240	1	26	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-A	1252	1	21	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-A	1334	1	26	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-A	1392	1	52	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-A	1191	1	14	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-A	1547	1	55	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-B	1826	1	24	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-B	2024	1	14	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-B	2602	1	19	1071	2		1
HD143118	16 0 7.4	-38 23 47	HRS	WSCAN	0.25	ECH-B	1805	1	21	1071	2		1
FIELD160007+421517	16 0 8.5	42 15 19	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD160007+421517	16 0 8.5	42 15 19	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160016+421631	16 0 17.6	42 16 32	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD160016+421631	16 0 17.6	42 16 32	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1260	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1275	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1355	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-B	2325	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1476	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1477	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1478	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1276	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1277	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1302	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1329	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1327	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1328	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1354	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1356	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1391	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1392	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-A	1393	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-B	2324	1	60	1168	3		1
HD143275	16 0 19.9	-22 37 18	HRS	ACCUM	0.25	ECH-B	2326	1	60	1168	3		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-A	1240	1	46	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-A	1530	1	84	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-B	2370	1	21	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-A	1334	1	46	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-A	1356	1	79	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-A	1392	1	92	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-A	1558	1	79	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-A	1252	1	37	1071	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-A	1303	1	33	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-A	1547	1	96	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-B	1826	1	42	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-A	1191	1	25	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-B	1805	1	37	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-B	2024	1	25	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-B	2324	1	33	1071	1		1
HD143275	16 0 20.1	-22 37 17	HRS	WSCAN	0.25	ECH-B	2602	1	33	1071	1		1
FIELD160025+421744	16 0 26.7	42 17 45	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD160025+421744	16 0 26.7	42 17 45	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160035+421856	16 0 35.8	42 18 58	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD160035+421856	16 0 35.8	42 18 58	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160044+422010	16 0 44.8	42 20 11	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD160044+422010	16 0 44.8	42 20 11	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160053+422122	16 0 53.9	42 21 24	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD160053+422122	16 0 53.9	42 21 24	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160102+422236	16 1 3.0	42 22 37	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD160102+422236	16 1 3.0	42 22 37	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160110+422348	16 1 12.1	42 23 50	WFC	IMAGE	ALL	G800L		1	1800	1078	1		1
FIELD160110+422348	16 1 12.1	42 23 50	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160120+422502	16 1 21.1	42 25 3	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160120+422502	16 1 21.1	42 25 3	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
HD143807	16 1 26.6	29 51 4	HRS	WSCAN	0.25	G270M	2535	1	2388	1182	2		1
HD143807	16 1 26.6	29 51 4	HRS	ACCUM	0.25	ECH-A	1362	1	591	1182	2		1
HD143807	16 1 26.6	29 51 4	HRS	ACCUM	0.25	ECH-B	1942	1	242	1182	2		1
HD143807	16 1 26.6	29 51 4	HRS	ACCUM	0.25	ECH-B	1849	1	309	1182	2		1
HD143807	16 1 26.6	29 51 4	HRS	ACCUM	0.25	ECH-B	2536	1	168	1182	2		1
HD143807	16 1 26.6	29 51 4	HRS	ACCUM	0.25	G160M	1268	1	486	1182	2		1
HD143807	16 1 26.6	29 51 4	HRS	ACCUM	0.25	G270M	3131	1	286	1182	2		1
HD143807	16 1 26.6	29 51 4	HRS	WSCAN	0.25	G160M	1499	1	3574	1182	2		1
HD143807	16 1 26.6	29 51 4	HRS	WSCAN	0.25	G200M	1859	1	1258	1182	2		1
FIELD160129+422615	16 1 30.2	42 26 16	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160129+422615	16 1 30.2	42 26 16	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160138+422727	16 1 39.3	42 27 29	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160138+422727	16 1 39.3	42 27 29	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160147+422841	16 1 48.4	42 28 42	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160147+422841	16 1 48.4	42 28 42	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160157+422953	16 1 57.4	42 29 55	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160157+422953	16 1 57.4	42 29 55	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160206+423108	16 2 6.5	42 31 8	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160206+423108	16 2 6.5	42 31 8	WFC	IMAGE	ALL	F725LP		1	2700	1276	1		1
FIELD160215+423220	16 2 15.6	42 32 21	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160215+423220	16 2 15.6	42 32 21	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
FIELD160224+423334	16 2 24.7	42 33 34	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160224+423334	16 2 24.7	42 33 34	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
FIELD160232+423447	16 2 33.8	42 34 47	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160232+423447	16 2 33.8	42 34 47	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
HD144205	16 2 39.2	47 14 26	HRS	ACCUM	0.25	ECH-B20	2799	1	945	1198	3		1
FIELD160241+423559	16 2 42.8	42 36 0	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160241+423559	16 2 42.8	42 36 0	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
FIELD160250+423713	16 2 51.9	42 37 13	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160250+423713	16 2 51.9	42 37 13	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FIELD160259+423825	16 3 1.0	42 38 26	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160259+423825	16 3 1.0	42 38 26	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
FIELD160309+423939	16 3 10.1	42 39 39	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160309+423939	16 3 10.1	42 39 39	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
FIELD160319+424051	16 3 19.1	42 40 52	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160319+424051	16 3 19.1	42 40 52	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
FIELD160328+424205	16 3 28.2	42 42 5	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160328+424205	16 3 28.2	42 42 5	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
POINT-CP3.2	16 3 35.8	-47 41 36	S/C	POINTING	V1			1	0	1014	2		1
FIELD160337+424318	16 3 37.3	42 43 18	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160337+424318	16 3 37.3	42 43 18	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
POINT-CP3.1	16 3 37.5	-47 41 23	S/C	POINTING	V1			1	0	1014	2		1
Q1601.5+1747	16 3 43.9	17 38 50	FOS/BL	ACCUM	1.0	G270H		1	2000	1043	1		1
Q1601.5+1747	16 3 43.9	17 38 50	FOS/BL	ACCUM	1.0	G130H		4	2000	1043	1		1
Q1601.5+1747	16 3 43.9	17 38 50	FOS/BL	ACQ/BINA	4.3	MIRROR		1	17	1043	1	ACQ	1
FIELD160346+424430	16 3 46.4	42 44 31	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160346+424430	16 3 46.4	42 44 31	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
FIELD160354+424544	16 3 55.4	42 45 44	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160354+424544	16 3 55.4	42 45 44	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
FIELD160403+424656	16 4 4.5	42 46 57	WFC	IMAGE	ALL	G800L		1	1800	1078	2		1
FIELD160403+424656	16 4 4.5	42 46 57	WFC	IMAGE	ALL	F725LP		1	2700	1276	2		1
GAL-CLUS-160244+431254	16 4 23.1	43 4 47	WFC	IMAGE	ALL	F702W		8	2300	1115	2		1
GAL-CLUS-160244+431254	16 4 23.1	43 4 47	WFC	IMAGE	ALL	F850LP		8	2300	1115	2		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1260	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1275	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1355	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-B	2325	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1476	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1477	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1478	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1276	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1277	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1302	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1329	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1327	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1328	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1354	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1356	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1391	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1392	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-A	1393	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-B	2324	1	300	1168	3		1
HD144217	16 5 26.1	-19 48 19	HRS	ACCUM	0.25	ECH-B	2326	1	300	1168	3		1
HD144217A	16 5 26.2	-19 48 19	HRS	ACCUM	0.25	ECH-B	2312	4	240	1066	1		1
HD144217A	16 5 26.2	-19 48 19	HRS	ACCUM	0.25	ECH-A	1360	4	900	1069	3	CON SEL	1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1260	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1275	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1355	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-B	2325	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1476	1	300	1168	3		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1477	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1478	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1276	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1277	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1302	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1329	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1327	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1328	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1354	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1356	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1391	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1392	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-A	1393	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-B	2324	1	300	1168	3		1
HD144470	16 6 48.3	-20 40 9	HRS	ACCUM	0.25	ECH-B	2326	1	300	1168	3		1
HD144470	16 6 48.5	-20 40 9	HRS	ACCUM	0.25	ECH-B	2312	4	420	1066	1		1
TH28	16 8 29.7	-39 3 11	PC	IMAGE	ALL	F702W		1	40	1121	3	ACQ	1
TH28	16 8 29.7	-39 3 11	WFC	IMAGE	ALL	F656N		1	1000	1121	3		2
TH28	16 8 29.7	-39 3 11	WFC	IMAGE	ALL	F702W		1	100	1121	3		2
TH28	16 8 29.7	-39 3 11	PC	IMAGE	ALL-ND	F702W		1	600	1121	3		1
HD144668	16 8 34.2	-39 6 19	HRS	ACCUM	2.0	G140L	1800	1	100	1209	3		1
HD144668	16 8 34.2	-39 6 19	HRS	ACCUM	2.0	G270M	2800	1	40	1209	3		1
HD144668	16 8 34.2	-39 6 19	HRS	ACCUM	2.0	G140L	1300	1	64	1209	3		1
HD144668	16 8 34.2	-39 6 19	HRS	ACCUM	2.0	G140L	1550	1	64	1209	3		1
HD144668	16 8 34.2	-39 6 19	HRS	ACCUM	2.0	G160M	1550	2	150	1209	3		1
HD144668	16 8 34.2	-39 6 19	HRS	ACCUM	2.0	G160M	1400	4	225	1209	3		1
HD144668	16 8 34.2	-39 6 19	HRS	ACCUM	2.0	G160M	1305	3	120	1209	3		1
HD144668	16 8 34.2	-39 6 19	HRS	ACCUM	2.0	G160M	1335	4	150	1209	3		1
HD145389	16 8 46.0	44 56 7	HRS	WSCAN	0.25	G270M	2535	1	869	1182	3		1
HD145389	16 8 46.0	44 56 7	HRS	ACCUM	0.25	ECH-B	1942	1	133	1182	2		1
HD145389	16 8 46.0	44 56 7	HRS	ACCUM	0.25	G160M	1268	1	99	1182	3		1
HD145389	16 8 46.0	44 56 7	HRS	ACCUM	0.25	G270M	3131	1	73	1182	3		1
HD145389	16 8 46.0	44 56 7	HRS	WSCAN	0.25	G160M	1499	1	808	1182	3		1
HD145389	16 8 46.0	44 56 7	HRS	WSCAN	0.25	G200M	1859	1	355	1182	3		1
MK496	16 11 40.5	52 27 24	WFC	IMAGE	ALL	F336W		1	60	1187	3	ACQ	1
MK496	16 11 40.5	52 27 24	WFC	IMAGE	ALL	F569W		1	3	1187	3	ACQ	1
MK496	16 11 40.5	52 27 24	WFC	IMAGE	ALL	F664N		1	60	1187	3	ACQ	1
MK496	16 11 40.5	52 27 24	WFC	IMAGE	ALL	G450L		1	60	1187	3	ACQ	1
MK496	16 11 40.5	52 27 24	WFC	IMAGE	ALL	F230W		1	24	1187	3	ACQ	1
MK496	16 11 40.5	52 27 24	WFC	IMAGE	ALL	F230W		1	240	1187	3	ACQ	1
MK496	16 11 40.5	52 27 24	WFC	IMAGE	ALL	F336W		1	12	1187	3	ACQ	1
MK496	16 11 40.5	52 27 24	WFC	IMAGE	ALL	F439W		1	18	1187	3	ACQ	1
MK496	16 11 40.5	52 27 24	WFC	IMAGE	ALL	F675W		1	4	1187	3	ACQ	1
MK496	16 11 40.5	52 27 24	HRS	ACCUM	2.0	G140L	1300	1	1800	1187	3		1
MK496	16 11 40.5	52 27 24	HRS	ACCUM	2.0	G140L	1550	1	1500	1187	3		1
MK496	16 11 40.5	52 27 24	HRS	ACCUM	2.0	G140L	1800	1	2100	1187	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1260	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1275	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1355	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-B	2325	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1476	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1477	1	300	1168	3		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1478	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1276	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1277	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1302	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1329	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1327	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1328	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1354	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1356	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1391	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1392	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-A	1393	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-B	2324	1	300	1168	3		1
HD145502	16 11 58.5	-19 26 59	HRS	ACCUM	0.25	ECH-B	2326	1	300	1168	3		1
HD145502	16 11 59.7	-19 27 36	HRS	ACCUM	0.25	ECH-A	1248	1	30	1147	3		2
HD145502	16 11 59.7	-19 27 36	HRS	ACCUM	0.25	ECH-A	1304	1	30	1147	3		2
TON256	16 14 13.2	26 4 16	WFC	IMAGE	ALL	F725LP		1	8	1116	2		1
TON256	16 14 13.2	26 4 16	WFC	IMAGE	ALL	F725LP		1	1700	1116	2		1
TON256	16 14 13.2	26 4 16	WFC	IMAGE	ALL	F725LP		1	212	1116	2		1
TON256	16 14 13.3	26 4 16	FOC/96	IMAGE	512X512	F140M	1390	1	400	1227	0		1
TON256	16 14 13.3	26 4 16	FOC/96	IMAGE	512X512	F170M	1760	1	400	1227	0		1
TON256	16 14 13.3	26 4 16	FOC/96	IMAGE	512X512	F210M	2140	1	400	1227	0		1
TON256	16 14 13.3	26 4 16	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	0		1
TON256	16 14 13.3	26 4 16	FOC/96	IMAGE	512X512	F140M	1390	1	500	1227	1		1
TON256	16 14 13.3	26 4 16	FOC/96	IMAGE	512X512	F170M	1760	1	500	1227	1		1
TON256	16 14 13.3	26 4 16	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	0		1
TON256	16 14 13.3	26 4 16	FOC/96	IMAGE	512X512	F550M	5470	1	500	1227	1		1
TON256	16 14 13.3	26 4 16	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
NGC6093	16 17 2.5	-22 58 30	PC	IMAGE	ALL	F555W		1	30	1019	2		1
NGC6093	16 17 2.5	-22 58 30	PC	IMAGE	ALL	F785LP		1	30	1019	2		1
NGC6093	16 17 2.5	-22 58 30	PC	IMAGE	ALL	F439W	4385	1	500	1053	0	ACQ	1
NGC6093	16 17 2.5	-22 58 30	PC	IMAGE	ALL	F336W	3363	1	500	1053	0	ACQ	1
NGC6093	16 17 2.5	-22 58 30	PC	IMAGE	ALL	F656N	6559	1	500	1053	0	ACQ	1
NGC6093	16 17 2.6	-22 58 34	PC	IMAGE	ALL	F547M		1	100	1052	0	ACQ CON	1
NGC6093	16 17 2.6	-22 58 34	PC	IMAGE	ALL	F230W		1	250	1052	0	ACQ CON	1
NGC6093	16 17 2.6	-22 58 34	PC	IMAGE	ALL	F336W		1	130	1052	0	ACQ CON	1
NGC6093-OFFSET-STAR	16 17 2.6	-22 58 34*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1052	2	ACQ CON	1
NGC6093-STAR1	16 17 2.6	-22 58 34*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	2	CON	1
NGC6093-STAR1	16 17 2.6	-22 58 34*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	2	CON	1
NGC6093-STAR2	16 17 2.6	-22 58 34*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	2	CON	1
NGC6093-STAR2	16 17 2.6	-22 58 34*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	2	CON	1
NGC6093-NOVA	16 17 5.2	-22 59 21*	FOS/RD	ACCUM	0.3	PRISM		1	500	1053	0	CON	1
NGC6093-NOVA	16 17 5.2	-22 59 21*	FOS/RD	ACCUM	0.3	PRISM		1	1000	1053	0	CON	1
NGC6093-NOVA	16 17 5.2	-22 59 21*	FOS/RD	ACCUM	0.3	G570H		1	3500	1053	0	CON	1
NGC6093-OFFSET	16 17 5.2	-22 59 21	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1053	0	ACQ CON	1
3C332.0	16 17 42.7	32 22 34	FOC/96	IMAGE	512X512	F140M		1	1800	1233	2		1
3C332.0	16 17 42.7	32 22 34	FOC/96	IMAGE	512X512	F210M		1	1200	1233	2		1
SCO-X-1-LOBE	16 19 52.6	-15 39 38	WFC	IMAGE	ALL	F555W	5553	1	600	1051	1		1
SCO-X-1-LOBE	16 19 52.6	-15 39 38	WFC	IMAGE	ALL	F656N	6559	1	1400	1051	1		1
SCOX-1	16 19 55.2	-15 38 24	FOC/96	IMAGE	512X512	F486N		1	1200	1253	2		1
SCOX-1	16 19 55.2	-15 38 24	FOC/96	IMAGE	512X512	F501N		1	1200	1253	2		1
3CR334	16 20 21.9	17 36 24	HSP/UV2	STAR-SKY	0.4	F140LP		1	60	1099	2		10

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-A	1240	1	39	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-A	1252	1	32	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-A	1530	1	72	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-B	2370	1	18	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-A	1303	1	28	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-A	1334	1	39	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-A	1356	1	68	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-A	1392	1	79	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-A	1558	1	68	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-A	1191	1	21	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-A	1547	1	82	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-B	1805	1	32	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-B	1826	1	36	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-B	2024	1	21	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-B	2324	1	57	1071	2		1
HD147165	16 21 11.4	-25 35 33	HRS	WSCAN	0.25	ECH-B	2602	1	28	1071	2		1
NGC6121	16 23 35.4	-26 31 32	PC	IMAGE	ALL	F555W		1	3	1019	2		1
NGC6121	16 23 35.4	-26 31 32	PC	IMAGE	ALL	F785LP		1	3	1019	2		1
NGC6121	16 23 35.5	-26 31 32	WFC	IMAGE	ALL	F555W		3	900	1017	2		1
NGC6121	16 23 35.5	-26 31 32	WFC	IMAGE	ALL	F785LP		6	450	1017	2		1
AC+48D1595-89	16 24 7.6	48 21 11	FGS	TRANS	ANY	F583W		1	1000	1003	0		2
AC+48D1595-89	16 24 7.6	48 21 11	FGS	TRANS	ANY	F583W		1	1000	1003	1		2
AC+48D1595-89	16 24 7.6	48 21 11	FGS	TRANS	ANY	F583W		1	1000	1003	2		1
GL623	16 24 7.9	48 21 11	FOC/288	OCC	512X512-F0.4	F370LP		1	900	1274	0		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1260	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1275	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1355	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-B	2325	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1476	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1477	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1478	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1276	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1277	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1302	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1329	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1327	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1328	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1354	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1356	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1391	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1392	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-A	1393	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-B	2324	1	600	1168	3		1
HD147933	16 25 35.1	-23 26 50	HRS	ACCUM	0.25	ECH-B	2326	1	600	1168	3		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1300	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1340	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	1910	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2060	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2260	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2370	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2600	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2800	1	30	1162	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2850	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	G140M	1080	1	35	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	G140M	1130	1	35	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	G160M	1160	1	15	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1445	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1345	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2025	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2325	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2865	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	G140M	1065	1	35	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	G140M	1105	1	35	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	G140M	1145	1	35	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1402	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1412	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1197	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1234	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1238	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1252	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1276	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1288	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1326	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1333	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1353	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1361	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1369	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1391	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1531	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1549	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1559	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1606	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1654	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1673	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-A	1706	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	1808	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	1828	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	1854	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2483	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2011	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2139	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2334	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	ACCUM	0.25	ECH-B	2683	1	30	1162	1		1
HD147933	16 25 35.2	-23 26 49	HRS	WSCAN	0.25	G160M	1292	1	130	1162	1		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-A	1530	1	450	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-A	1240	1	247	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-A	1252	1	202	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-B	2370	1	112	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-A	1303	1	180	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-A	1392	1	495	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-A	1334	1	247	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-A	1356	1	427	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-A	1558	1	427	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-A	1191	1	135	1071	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-B	1826	1	225	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-B	2024	1	135	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-B	2602	1	180	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-A	1547	1	517	1071	3		1
HD148184	16 27 1.4	-18 27 22	HRS	WSCAN	0.25	ECH-B	1805	1	202	1071	3		1
ABELL2197-QSO	16 27 43.9	40 47 43	FOS/BL	ACCUM	1.0	G270H		1	2000	1043	2		1
ABELL2197-QSO	16 27 43.9	40 47 43	FOS/BL	ACCUM	1.0	G130H		4	2000	1043	2		1
ABELL2197-QSO	16 27 43.9	40 47 43	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1043	2	ACQ	1
NGC6166	16 28 38.3	39 33 4	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC6166	16 28 38.3	39 33 4	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
NGC6166	16 28 38.3	39 33 4	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC6166	16 28 38.3	39 33 4	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC6166	16 28 38.3	39 33 4	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
3C337	16 28 52.7	44 19 7	WFC	IMAGE	ALL	F555W		1	2700	1070	1		1
3C337	16 28 52.7	44 19 7	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
HD148478	16 29 24.5	-26 25 55	FOC/288	IMAGE	256X256	F1ND F275W F6ND		1	600	1197	2		1
HD148478	16 29 24.5	-26 25 55	FOC/288	IMAGE	512X512	F1ND F220W F2ND		1	300	1197	2		1
HD148478	16 29 24.5	-26 25 55	FOC/288	IMAGE	256X256	F1ND F220W F4ND		1	180	1197	2		1
HD148478	16 29 24.5	-26 25 55	FOC/288	IMAGE	512X512	F1ND F220W F6ND		1	360	1197	2		1
HD148478	16 29 24.5	-26 25 55	FOC/288	IMAGE	512X512	F220W F231M F4ND		1	600	1197	2		1
HD148478	16 29 24.5	-26 25 55	FOC/288	IMAGE	256X256	F220W F231M F2ND		1	180	1197	2		1
HD148478	16 29 24.5	-26 25 55	FOC/288	IMAGE	256X256	F220W F253M F2ND		1	240	1197	2		1
HD148478	16 29 24.5	-26 25 55*	HRS	ACCUM	0.25	G140L	1550	1	435	1195	2		1
HD148478	16 29 24.5	-26 25 55*	HRS	ACCUM	0.25	G140L	1800	1	435	1195	2		1
HD148478	16 29 24.5	-26 25 55*	HRS	ACCUM	0.25	G200M	1655	1	300	1195	2		1
HD148478	16 29 24.5	-26 25 55*	HRS	ACCUM	0.25	G140L	1314	1	468	1195	2		1
HD148478	16 29 24.5	-26 25 55*	HRS	ACCUM	0.25	G200M	1994	1	468	1195	2		1
HD148478	16 29 24.5	-26 25 55*	HRS	ACCUM	0.25	ECH-B20	2759	1	522	1195	2		1
HD148478	16 29 24.5	-26 25 55*	HRS	ACCUM	0.25	ECH-B20	2772	1	522	1195	2		1
HD148478	16 29 24.5	-26 25 55*	HRS	ACCUM	0.25	ECH-B20	2799	1	84	1195	2		1
HD148478	16 29 24.5	-26 25 55*	HRS	ACCUM	0.25	ECH-B24	2327	1	522	1195	2		1
3C340	16 29 36.6	23 20 13	WFC	IMAGE	ALL	F555W		1	2700	1070	1		1
3C340	16 29 36.6	23 20 13	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
HD148605	16 30 12.5	-25 6 52	HRS	ACCUM	0.25	ECH-A	1248	1	30	1147	3		1
HD148605	16 30 12.5	-25 6 52	HRS	ACCUM	0.25	ECH-A	1304	1	30	1147	3		1
4C12.59	16 31 45.2	11 56 3	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
4C12.59	16 31 45.2	11 56 3	FOC/96	IMAGE	512X512	F346M		1	600	1228	2		1
4C12.59	16 31 45.2	11 56 3	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
4C12.59	16 31 45.2	11 56 3	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
SAO184450	16 32 8.2	-21 27 59	WFC	IMAGE	ALL	F569W		1	0	1082	4	ACQ	2
SAO184450	16 32 8.2	-21 27 59	HSP/PMT/V IS	SPLIT	1.0	F750W/F320N		1	1500	1082	4		2
KZ-TRA	16 32 16.7	-67 27 39	FOS/BL	ACCUM	0.3	G130H		1	1800	1051	2		1
KZ-TRA	16 32 16.7	-67 27 39	FOS/BL	ACCUM	0.3	G270H		1	1800	1051	2		1
KZ-TRA	16 32 16.7	-67 27 39	FOS/BL	PERIOD	0.3	G160L		1	6996	1051	2		1
KZ-TRA	16 32 16.7	-67 27 39	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1051	2	ACQ	1
4U1626-67	16 32 16.7	-67 27 43	HSP/UV1	SINGLE	1.0	F135W		1	2000	1091	1		1
NGC6251	16 32 31.9	82 32 16	WFC	IMAGE	ALL	F555W		1	30	1105	3		1
NGC6251	16 32 31.9	82 32 16	WFC	IMAGE	ALL	F555W		1	230	1105	3		1
NGC6251	16 32 31.9	82 32 16	WFC	IMAGE	ALL	F555W		1	1400	1105	3		1
NGC6171	16 32 31.9	-13 3 13	PC	IMAGE	ALL	F555W		1	40	1019	2		1
NGC6171	16 32 31.9	-13 3 13	PC	IMAGE	ALL	F785LP		1	40	1019	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC6251	16 32 31.9	82 32 16	FOS/RD	ACCUM	0.25-PAIR	G570H		1	7300	1040	2		1
NGC6251-OFFSET-STAR	16 32 31.9	82 32 16*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1040	2	ACQ	1
NGC6251-POS1	16 32 31.9	82 32 17*	FOS/RD	ACCUM	0.25-PAIR	G570H		1	7300	1040	2	CON	1
NGC6251-POS2	16 32 31.9	82 32 17*	FOS/RD	ACCUM	0.5-PAIR	G570H		1	1900	1040	2		1
NGC6251	16 32 32.2	82 32 16	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
NGC6251	16 32 32.2	82 32 16	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
NGC6251	16 32 32.2	82 32 16	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
NGC6251	16 32 32.2	82 32 16	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC6251	16 32 33.6	82 32 17	FOC/288	IMAGE	512X512	F320W		1	600	1057	1	CON	1
NGC6251	16 32 33.6	82 32 17	FOC/96	IMAGE	512X512	F1ND F320W		1	600	1057	0		1
NGC6251	16 32 33.6	82 32 17	FOC/96	IMAGE	512X512	F1ND F502M		1	300	1057	0		1
NGC6251	16 32 33.6	82 32 17	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	7200	1057	1	CON	1
NGC6251	16 32 33.6	82 32 17	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	1	ACQ CON	1
HD149121	16 32 35.7	5 31 17	HRS	ACCUM	0.25	ECH-B	1942	1	408	1182	2		1
HD149121	16 32 35.7	5 31 17	HRS	ACCUM	0.25	ECH-B	1739	1	649	1182	2		1
HD149121	16 32 35.7	5 31 17	HRS	ACCUM	0.25	ECH-B	1783	1	504	1182	2		1
HD149121	16 32 35.7	5 31 17	HRS	ACCUM	0.25	ECH-B	1801	1	440	1182	2		1
HD149121	16 32 35.7	5 31 17	HRS	ACCUM	0.25	ECH-B	2082	1	219	1182	2		1
NGC6251-OFFSET-STARS -FIELD	16 32 41.2	82 32 4*	WFC	IMAGE	ALL	F606W		1	15	1040	0	ACQ	1
NGC6164	16 33 59.5	-48 9 6	WFC	IMAGE	ALL	F656N		1	2100	1107	1		1
HD149038	16 34 5.0	-44 2 43	HRS	ACCUM	0.25	ECH-B	2312	4	720	1066	1		1
HD149038	16 34 5.0	-44 2 43	HRS	ACCUM	0.25	ECH-A	1446	5	480	1065	2	CON SEL	1
HD149038	16 34 5.0	-44 2 43	HRS	ACCUM	0.25	ECH-A	1301	5	480	1065	2	CON SEL	1
HD149038	16 34 5.0	-44 2 43	HRS	ACCUM	0.25	ECH-A	1328	5	480	1065	2	CON SEL	1
HD149038	16 34 5.0	-44 2 43	HRS	ACCUM	0.25	ECH-A	1418	5	480	1065	2	CON SEL	1
HD149038	16 34 5.0	-44 2 43	HRS	ACCUM	0.25	ECH-A	1366	5	480	1065	2	CON SEL	1
HD149038	16 34 5.0	-44 2 43	HRS	ACCUM	0.25	ECH-A	1279	5	480	1065	2	CON SEL	1
PG1634+706	16 34 29.1	70 31 33	HRS	ACCUM	2.0	G270M	2600	1	2160	1143	2		1
PG1634+706	16 34 29.1	70 31 33	HRS	ACCUM	2.0	G270M	2600	1	2400	1143	2		1
PG1634+706	16 34 29.1	70 31 33	HRS	ACCUM	2.0	G270M	2600	1	4200	1143	2		1
PG1634+706	16 34 29.1	70 31 33	HRS	ACCUM	2.0	G270M	2600	1	5100	1143	2		1
PG1634+706	16 34 29.1	70 31 33	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
PG1634+706	16 34 29.1	70 31 33	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1142	1	ACQ	1
PG1634+706	16 34 29.1	70 31 33	FOS/RD	ACCUM	1.0	G190H	1980	1	1200	1142	1		1
PG1634+706	16 34 29.1	70 31 33	FOS/RD	ACCUM	1.0	G270H	2753	2	450	1025	2		1
PG1634+706	16 34 29.1	70 31 33	FOS/RD	ACCUM	1.0-PAIR-A	G190H	1980	1	780	1142	1		1
PG1634+706	16 34 29.1	70 31 33	FOS/RD	ACCUM	1.0-PAIR-A	G270H	2753	1	180	1142	1		1
PG1634+706	16 34 29.1	70 31 33	FOS/RD	ACCUM	1.0-PAIR-B	G190H	1980	1	780	1142	1		1
PG1634+706	16 34 29.1	70 31 33	FOS/RD	ACCUM	1.0-PAIR-B	G270H	2753	1	180	1142	1		1
HD149438	16 35 53.0	-28 12 58	HRS	ACCUM	0.25	ECH-A	1360	4	900	1069	3	CON SEL	1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-A	1530	1	342	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-B	2370	1	85	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-A	1240	1	188	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-A	1303	1	136	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-A	1334	1	188	1071	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-A	1392	1	376	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-A	1252	1	153	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-A	1356	1	324	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-A	1558	1	324	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-B	1826	1	171	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-A	1191	1	102	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-B	2024	1	102	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-B	2602	1	136	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-A	1547	1	393	1071	1		1
HD149881	16 36 58.2	14 28 30	HRS	WSCAN	0.25	ECH-B	1805	1	153	1071	1		1
KP1635+267B	16 37 1.0	26 36 9*	HSP/POL	PEAKUP	6.0	F160LP		1	60	1391	0	ACQ	4
KP1635+267B	16 37 1.0	26 36 9*	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1391	0	ACQ	1
KP1635+267B	16 37 1.0	26 36 9*	HSP/POL	STAR-SKY	POL0	F277M		1	80	1391	0		44
KP1635+267B	16 37 1.0	26 36 9*	HSP/POL	STAR-SKY	POL45	F277M		1	80	1391	0		44
KP1635+267B	16 37 1.0	26 36 9*	HSP/POL	STAR-SKY	POL90	F277M		1	80	1391	0		44
KP1635+267B	16 37 1.0	26 36 9*	HSP/UV2	STAR-SKY	0.4-A	F284M		1	60	1391	0		1
KP1635+267B	16 37 1.0	26 36 9*	HSP/UV2	STAR-SKY	0.4-B	F248M		1	60	1391	0		1
KP1635+267B	16 37 1.0	26 36 9*	HSP/VIS	STAR-SKY	0.4-A	F551W		1	120	1391	0		1
KP1635+267B	16 37 1.0	26 36 9*	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1391	0		1
KP1635+267B	16 37 1.0	26 36 9*	HSP/POL	STAR-SKY	POL135	F277M		1	80	1391	0		44
KP1635+267B	16 37 1.0	26 36 9*	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	120	1391	0		13
1634.9+267	16 37 1.6	26 36 9	WFC	IMAGE	ALL	F555W		1	260	1116	1		1
1634.9+267	16 37 1.6	26 36 9	WFC	IMAGE	ALL	F725LP		1	304	1116	1		1
1634.9+267	16 37 1.6	26 36 9	WFC	IMAGE	ALL	F725LP		1	1444	1116	1		1
Q1635+267	16 37 1.6	26 36 7	FOC/96	IMAGE	512X512	F342W		1	1800	1059	1		1
KP1635+267A	16 37 1.6	26 36 5	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1391	0	ACQ	4
KP1635+267A	16 37 1.6	26 36 5	HSP/VIS	PEAKUP	10.0	F160LP		1	60	1391	0	ACQ	1
KP1635+267A	16 37 1.6	26 36 5	HSP/POL	STAR-SKY	POL0	F277M		1	80	1391	0		44
KP1635+267A	16 37 1.6	26 36 5	HSP/POL	STAR-SKY	POL45	F277M		1	80	1391	0		44
KP1635+267A	16 37 1.6	26 36 5	HSP/POL	STAR-SKY	POL90	F277M		1	80	1391	0		44
KP1635+267A	16 37 1.6	26 36 5	HSP/UV2	STAR-SKY	0.4-A	F284M		1	60	1391	0		1
KP1635+267A	16 37 1.6	26 36 5	HSP/UV2	STAR-SKY	0.4-B	F248M		1	60	1391	0		1
KP1635+267A	16 37 1.6	26 36 5	HSP/VIS	STAR-SKY	0.4-A	F551W		1	60	1391	0		1
KP1635+267A	16 37 1.6	26 36 5	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1391	0		14
KP1635+267A	16 37 1.6	26 36 5	HSP/POL	STAR-SKY	POL135	F277M		1	80	1391	0		44
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1370	1	60	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1750	1	60	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	G160M	1400	12	5	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	G160M	1240	12	5	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	G160M	1340	12	5	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	G160M	1370	12	5	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	G160M	1750	12	5	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1715	1	60	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1242	1	60	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1342	1	60	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1718	1	60	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	G160M	1718	12	5	1211	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1290	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1310	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	2185	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1222	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1226	1	378	1189	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1241	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1257	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1273	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1312	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1341	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	1914	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	1768	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	2241	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	2263	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	2269	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	2313	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	2344	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	2576	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	2717	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	2889	1	378	1189	3		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	2324	2	60	1065	2		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-B	2312	4	120	1066	1		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1446	5	360	1065	1		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1475	5	360	1065	1		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1344	5	60	1065	1		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1366	5	60	1065	1		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1418	5	480	1065	1		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1227	5	120	1065	1		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1261	5	120	1065	1		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1279	5	60	1065	1		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1341	4	120	1066	1		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1244	5	120	1065	1		1
HD149757	16 37 9.5	-10 34 2	HRS	ACCUM	0.25	ECH-A	1322	5	120	1065	1		1
3C343.1	16 38 28.1	62 34 45	FOC/96	IMAGE	512X512	F210M		1	600	1228	2		1
3C343.1	16 38 28.1	62 34 45	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C343.1	16 38 28.1	62 34 45	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
HD149499B	16 38 30.8	-57 28 11	HRS	ACCUM	2.0	G160M	1400	1	285	1161	2		1
HD149499B	16 38 30.8	-57 28 11	HRS	ACCUM	2.0	G160M	1240	1	205	1161	2		1
HD149499B	16 38 30.8	-57 28 11	HRS	ACCUM	2.0	G160M	1725	1	330	1161	2		1
HD149499B	16 38 30.8	-57 28 11	HRS	ACCUM	2.0	G160M	1206	1	550	1161	2		1
HD149499B	16 38 30.8	-57 28 11	HRS	ACCUM	2.0	G160M	1337	1	205	1161	2		1
HD149499B	16 38 30.8	-57 28 11	HRS	ACCUM	2.0	G160M	1377	1	285	1161	2		1
HD149499B	16 38 30.8	-57 28 11	HRS	ACCUM	2.0	G160M	1557	1	330	1161	2		1
HD149499B	16 38 30.8	-57 28 11	HRS	ACCUM	2.0	G160M	1647	1	330	1161	2		1
HD149499B	16 38 30.8	-57 28 11	HRS	ACCUM	2.0	G160M	1264	1	205	1161	2		1
HD149499-B	16 38 31.0	-57 28 11	HRS	ACCUM	0.25	G160M	1335	1	450	1214	3		1
HD149499-B	16 38 31.0	-57 28 11	HRS	ACCUM	0.25	G160M	1529	1	450	1214	3		1
HD149499-B	16 38 31.0	-57 28 11	HRS	ACCUM	0.25	G160M	1608	1	450	1214	3		1
INCA221-110-AST2	16 39 6.5	39 41 52	FGS	POS	2	F550W		1	12	1139	2	CON PAR	2
INCA221-110-AST1	16 39 27.2	39 43 47	FGS	POS	2	F550W		1	80	1139	2	CON PAR	2
INCA221-110-AST1	16 39 27.2	39 43 47	FGS	POS	2	F550W		1	200	1139	2	CON PAR	2
HD149730	16 39 44.9	-56 59 40	HRS	ACCUM	0.25	G140L	1280	1	10	1174	3		3
HD149730	16 39 44.9	-56 59 40	HRS	ACCUM	0.25	G140L	1555	1	10	1174	3		3
INCA221-110	16 40 3.9	39 45 33	PC	IMAGE	P8	F658N		1	12	1139	2	CON	2
1638+398INCA221-110	16 40 29.8	39 46 46	PC	IMAGE	P8	F606W		1	80	1139	2		2
1638+398INCA221-110	16 40 29.8	39 46 46	PC	IMAGE	P8	F606W		1	80	1139	2	CON	2
1638+398INCA221-110	16 40 29.8	39 46 46	PC	IMAGE	P8	F725LP		1	80	1139	2		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
1638+398INCA221-110	16 40 29.8	39 46 46	PC	IMAGE	P8	F725LP		1	200	1139	2	CON	2
NGC6205	16 41 40.6	36 27 32	PC	IMAGE	ALL	F547M		1	100	1052	0	ACQ	1
NGC6205	16 41 40.6	36 27 32	PC	IMAGE	ALL	F230W		1	250	1052	0	ACQ	1
NGC6205	16 41 40.6	36 27 32	PC	IMAGE	ALL	F336W		1	130	1052	0	ACQ	1
NGC6205-OFFSET-STAR	16 41 40.6	36 27 32*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1052	1	ACQ CON	1
NGC6205-STAR1	16 41 40.6	36 27 32*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	1	CON	1
NGC6205-STAR1	16 41 40.6	36 27 32*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	1	CON	1
NGC6205-STAR2	16 41 40.6	36 27 32*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	1	CON	1
NGC6205-STAR2	16 41 40.6	36 27 32*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	1	CON	1
M13-123-NORTH	16 41 41.4	36 29 40*	WFC	IMAGE	ALL	F555W		1	100	1112	2		1
M13-123-NORTH	16 41 41.4	36 29 40*	WFC	IMAGE	ALL	F555W		1	600	1112	2		1
M13-123-NORTH	16 41 41.4	36 29 40*	WFC	IMAGE	ALL	F555W		2	600	1112	2		1
M13-123-NORTH	16 41 41.4	36 29 40*	WFC	IMAGE	ALL	F785LP		1	400	1112	2		1
M13-123-NORTH	16 41 41.4	36 29 40*	WFC	IMAGE	ALL	F785LP		4	400	1112	2		1
NGC6205	16 41 41.5	36 27 37	PC	IMAGE	ALL	F555W		1	8	1019	2		1
NGC6205	16 41 41.5	36 27 37	PC	IMAGE	ALL	F785LP		1	8	1019	2		1
M13-400-SOUTH	16 41 41.7	36 20 57*	WFC	IMAGE	ALL	F555W		1	100	1112	2		1
M13-400-SOUTH	16 41 41.7	36 20 57*	WFC	IMAGE	ALL	F555W		1	300	1112	2		1
M13-400-SOUTH	16 41 41.7	36 20 57*	WFC	IMAGE	ALL	F555W		1	1600	1112	2		1
M13-400-SOUTH	16 41 41.7	36 20 57*	WFC	IMAGE	ALL	F785LP		1	100	1112	2		1
M13-400-SOUTH	16 41 41.7	36 20 57*	WFC	IMAGE	ALL	F785LP		1	300	1112	2		1
M13-400-SOUTH	16 41 41.7	36 20 57*	WFC	IMAGE	ALL	F785LP		1	1600	1112	2		1
BARNARD29	16 41 50.8	30 27 21	HRS	ACCUM	2.0	G270M	2590	1	300	1165	2		1
BARNARD29	16 41 50.8	30 27 21	HRS	ACCUM	2.0	G270M	2800	1	300	1165	2		1
BARNARD29	16 41 50.8	30 27 21	HRS	ACCUM	2.0	G160M	1540	3	300	1165	2		1
BARNARD29	16 41 50.8	30 27 21	HRS	ACCUM	2.0	G160M	1250	4	300	1165	2		1
BARNARD29	16 41 50.8	30 27 21	HRS	ACCUM	2.0	G160M	1319	3	300	1165	2		1
INCA221-167-AST1	16 42 51.5	39 37 41	FGS	POS	2	F550W		1	8	1139	2	CON PAR	2
INCA221-167-AST1	16 42 51.5	39 37 41	FGS	POS	2	F550W		1	26	1139	2	CON PAR	2
3C345	16 42 58.8	39 48 37	PC	IMAGE	ALL	F128LP		1	1416	1032	1	ACQ	1
3C345	16 42 58.8	39 48 37	PC	IMAGE	ALL	F850LP		1	1416	1032	1	ACQ	1
3C345	16 42 58.8	39 48 37	FOS/RD	ACCUM	0.5	G650L		1	560	1032	2	CON SEL	1
3C345	16 42 58.8	39 48 37	FOS/RD	ACCUM	0.5	PRISM		1	560	1032	2	CON SEL	1
3C345	16 42 58.8	39 48 37	FOS/RD	ACQ/BINA	4.3	MIRROR		1	4	1032	2	ACQ CON	1
3C345	16 42 58.8	39 48 37	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	5106	1032	2	CON SEL	1
3C345	16 42 58.8	39 48 37	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	5106	1032	2	CON SEL	1
3C345	16 42 58.8	39 48 37	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	20	1032	2	ACQ CON	1
SKY6	16 42 58.8	39 48 37*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	1416	1032	1	PAR	2
3C345	16 42 58.8	39 48 37	FOC/96	IMAGE	512X512	F430W		1	1800	1234	0		1
3C345	16 42 58.8	39 48 37	FOC/96	IMAGE	512X512	F342W		1	1800	1234	2		1
3C345	16 42 58.8	39 48 37	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	9000	1234	1	CON	1
3C345	16 42 58.8	39 48 37	WFC	IMAGE	ALL	F555W		1	16	1116	1		1
3C345	16 42 58.8	39 48 37	WFC	IMAGE	ALL	F725LP		1	11	1116	1		1
3C345	16 42 58.8	39 48 37	FOC/96	IMAGE	512X512	F190M		1	600	1228	2		1
3C345	16 42 58.8	39 48 37	WFC	IMAGE	ALL	F725LP		1	169	1116	1		1
3C345	16 42 58.8	39 48 37	WFC	IMAGE	ALL	F725LP		1	1359	1116	1		1
3C345	16 42 58.8	39 48 37	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C345	16 42 58.8	39 48 37	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C345	16 42 58.8	39 48 37	HSP/UV2	STAR-SKY	0.4	F140LP		1	60	1099	1		10
3C345	16 42 58.8	39 48 37	HSP/POL	STAR-SKY	POL0	F216M		1	66	1099	1		6
3C345	16 42 58.8	39 48 37	HSP/POL	STAR-SKY	POL0	F277M		1	66	1099	1		4
3C345	16 42 58.8	39 48 37	HSP/POL	STAR-SKY	POL45	F216M		1	66	1099	1		6

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C345	16 42 58.8	39 48 37	HSP/POL	STAR-SKY	POL45	F277M		1	66	1099	1		4
3C345	16 42 58.8	39 48 37	HSP/POL	STAR-SKY	POL90	F216M		1	66	1099	1		6
3C345	16 42 58.8	39 48 37	HSP/POL	STAR-SKY	POL90	F277M		1	66	1099	1		4
3C345	16 42 58.8	39 48 37	HSP/POL	STAR-SKY	POL135	F216M		1	66	1099	1		6
3C345	16 42 58.8	39 48 37	HSP/POL	STAR-SKY	POL135	F277M		1	66	1099	1		4
1641+399INCA221-167	16 42 58.8	39 48 37	PC	IMAGE	P8	F606W		1	8	1139	2		2
1641+399INCA221-167	16 42 58.8	39 48 37	PC	IMAGE	P8	F606W		1	8	1139	2	CON	2
1641+399INCA221-167	16 42 58.8	39 48 37	PC	IMAGE	P8	F725LP		1	8	1139	2		2
1641+399INCA221-167	16 42 58.8	39 48 37	PC	IMAGE	P8	F725LP		1	26	1139	2	CON	2
INCA221-167-AST2	16 43 0.5	39 45 28	FGS	POS	2	F550W		1	4	1139	2	CON PAR	2
INCA221-167	16 43 38.3	39 55 5	PC	IMAGE	P8	F658N		1	4	1139	2	CON	2
3C346	16 43 48.7	17 15 49	FOC/96	IMAGE	512X512	F140M		1	600	1228	2		1
3C346	16 43 48.7	17 15 49	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		2
3C346	16 43 48.7	17 15 49	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
3C346	16 43 48.7	17 15 49	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C346	16 43 48.7	17 15 49	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC6218	16 47 14.5	-1 56 52	PC	IMAGE	ALL	F555W		1	12	1019	2		1
NGC6218	16 47 14.5	-1 56 52	PC	IMAGE	ALL	F785LP		1	12	1019	2		1
HD150798	16 48 39.9	-69 1 40	HRS	ACCUM	2.0	G200M	1900	1	1500	1179	1		1
HD150798	16 48 39.9	-69 1 40	HRS	ACCUM	2.0	G140L	1304	1	550	1179	1		1
HD150798	16 48 39.9	-69 1 40	HRS	ACCUM	2.0	G140L	1574	1	550	1179	1		1
HD150798	16 48 39.9	-69 1 40	HRS	ACCUM	2.0	G160M	1554	1	2640	1179	1		1
HD150798	16 48 39.9	-69 1 40	HRS	ACCUM	2.0	ECH-B20	2799	1	300	1179	1		1
HERCULES-A	16 51 8.2	4 59 33	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
HERCULES-A	16 51 8.2	4 59 33	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
HERCULES-A	16 51 8.2	4 59 33	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
HERCULES-A	16 51 8.2	4 59 33	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
HD151804	16 51 33.7	-41 13 50	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-A	1252	1	29	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-A	1530	1	66	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-B	2370	1	16	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-A	1356	1	62	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-A	1558	1	62	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-A	1240	1	36	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-A	1303	1	26	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-A	1334	1	36	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-A	1392	1	72	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-A	1191	1	19	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-A	1547	1	75	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-B	1805	1	29	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-B	1826	1	33	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-B	2024	1	19	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-B	2324	1	52	1071	1		1
HD151890	16 51 52.3	-38 2 50	HRS	WSCAN	0.25	ECH-B	2602	1	26	1071	1		1
NGC6240	16 52 58.9	2 24 1	FOC/96	IMAGE	512X512	F502M	4950	1	3000	1231	1		1
NGC6240	16 52 58.9	2 24 1	FOC/96	IMAGE	512X512	F410M	4100	1	1600	1231	1		1
NGC6240	16 52 58.9	2 24 1	FOC/96	IMAGE	512X512	F470M	4725	1	4000	1231	1		1
MRK501	16 53 52.2	39 45 37	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	2		2
MRK501	16 53 52.2	39 45 37	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	2		1
MRK501	16 53 52.2	39 45 37	FOS/BL	ACCUM	0.5	G130H	1379	1	1500	1029	2		1
MRK501	16 53 52.2	39 45 37	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	1	1029	2	ACQ	1
MRK501	16 53 52.2	39 45 37	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6337	1	1500	1029	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MRK501-FIELD	16 53 52.2	39 45 37	WFC	IMAGE	ALL	F439W	4353	1	15	1029	2	ACQ	1
MRK501-OFFSET	16 53 52.2	39 45 37*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
MRK501-OFFSET	16 53 52.2	39 45 37*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1029	2	ACQ	1
MKN501	16 53 52.3	39 45 37	HSP/UV2	SINGLE	1.0	F140LP		1	60	1099	2		10
MKN501	16 53 52.3	39 45 37	HSP/POL	SINGLE	POL0	F216M		1	60	1099	2		4
MKN501	16 53 52.3	39 45 37	HSP/POL	SINGLE	POL0	F277M		1	60	1099	2		11
MKN501	16 53 52.3	39 45 37	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1099	2	ACQ	10
MKN501	16 53 52.3	39 45 37	HSP/POL	SINGLE	POL45	F216M		1	60	1099	2		4
MKN501	16 53 52.3	39 45 37	HSP/POL	SINGLE	POL45	F277M		1	60	1099	2		11
MKN501	16 53 52.3	39 45 37	HSP/POL	SINGLE	POL90	F216M		1	60	1099	2		4
MKN501	16 53 52.3	39 45 37	HSP/POL	SINGLE	POL90	F277M		1	60	1099	2		11
MKN501	16 53 52.3	39 45 37	HSP/POL	SINGLE	POL135	F216M		1	60	1099	2		4
MKN501	16 53 52.3	39 45 37	HSP/POL	SINGLE	POL135	F277M		1	60	1099	2		11
HD152236	16 53 59.7	-42 21 43	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
HD152408	16 54 58.4	-41 9 3	HRS	ACCUM	0.25	G160M	1390	1	60	1152	2		2
HD152408	16 54 58.4	-41 9 3	HRS	ACCUM	0.25	G160M	1235	1	60	1152	2		2
HD152408	16 54 58.4	-41 9 3	HRS	ACCUM	0.25	G160M	1544	1	60	1152	2		2
HD152408	16 54 58.4	-41 9 3	HRS	ACCUM	0.25	ECH-B	2324	2	300	1065	2		1
HD152408	16 54 58.4	-41 9 3	HRS	ACCUM	0.25	ECH-A	1446	5	720	1065	2		1
HD152408	16 54 58.4	-41 9 3	HRS	ACCUM	0.25	ECH-A	1301	5	480	1065	2	CON SEL	1
HD152408	16 54 58.4	-41 9 3	HRS	ACCUM	0.25	ECH-A	1418	5	720	1065	2	CON SEL	1
HD152408	16 54 58.4	-41 9 3	HRS	ACCUM	0.25	ECH-A	1261	5	480	1065	2	CON SEL	1
HD152408	16 54 58.4	-41 9 3	HRS	ACCUM	0.25	ECH-A	1366	5	720	1065	2	CON SEL	1
HD152408	16 54 58.4	-41 9 3	HRS	ACCUM	0.25	ECH-A	1279	5	480	1065	2	CON SEL	1
WOLF-630	16 55 28.9	-8 20 10	HRS	ACCUM	SC2	G160M	1360	1	10	1159	1	CAL	1
WOLF-630	16 55 28.9	-8 20 10	HRS	RAPID	2.0	G160M	1360	1	1643	1159	1		1
VB8	16 55 31.0	-8 19 44	WFC	IMAGE	W2	F606W		1	10	1109	1		6
VYS782-C	16 55 35.5	-8 23 39	FOC/96	IMAGE	512X512	F372M		1	600	1274	0		1
HD152667	16 56 36.0	-40 49 25	HSP/UV2	SINGLE	1.0	F145M		1	20	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/UV2	SINGLE	1.0	F184W		1	20	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/UV2	SINGLE	1.0	F248M		1	20	1097	3		10
HD152667	16 56 36.0	-40 49 25	HSP/UV2	SINGLE	1.0	F284M		1	20	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/POL	PEAKUP	6.0	F160LP		1	60	1097	3	ACQ	1
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL0	F216M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL0	F237M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL0	F277M		1	30	1097	3		10
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL0	F327M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/UV1	PEAKUP	10.0	F140LP		1	60	1097	3	ACQ	1
HD152667	16 56 36.0	-40 49 25	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1097	3	ACQ	9
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL45	F216M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL45	F237M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL45	F277M		1	30	1097	3		10
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL45	F327M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL90	F216M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL90	F237M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL90	F277M		1	30	1097	3		10
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL90	F327M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL135	F216M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL135	F237M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL135	F277M		1	30	1097	3		10
HD152667	16 56 36.0	-40 49 25	HSP/POL	SINGLE	POL135	F327M		1	30	1097	3		1
HD152667	16 56 36.0	-40 49 25	HSP/UV1	STAR-SKY	1.0-B	F220W		1	60	1097	3		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD152667	16 56 36.0	-40 49 25	HRS	ACCUM	0.25	G160M	1170	1	60	1152	2		3
HD152667	16 56 36.0	-40 49 25	HRS	ACCUM	0.25	G160M	1390	1	60	1152	2		3
HD152667	16 56 36.0	-40 49 25	HRS	ACCUM	0.25	G160M	1545	1	60	1152	2		3
NGC6254	16 57 9.0	-4 5 57	PC	IMAGE	ALL	F555W		1	10	1019	2		1
NGC6254	16 57 9.0	-4 5 57	PC	IMAGE	ALL	F785LP		1	10	1019	2		1
HZ-HER	16 57 49.8	35 20 33	FOS/BL	ACCUM	1.0	G130H		1	800	1051	2		2
HZ-HER	16 57 49.8	35 20 33	FOS/BL	ACCUM	1.0	G190H		1	800	1051	2		1
HZ-HER	16 57 49.8	35 20 33	FOS/BL	ACCUM	1.0	G270H		1	800	1051	2		2
HZ-HER	16 57 49.8	35 20 33	FOS/BL	PERIOD	1.0	G160L		1	3999	1051	2		1
HZ-HER	16 57 49.8	35 20 33	FOS/BL	ACQ/BINA	4.3	MIRROR		1	0	1051	2	ACQ	1
HER-X-1	16 57 49.8	35 20 33	HSP/UV1	SINGLE	1.0	F135W		1	2000	1091	1		1
NGC6256	16 59 32.6	-37 7 17	FOC/96	IMAGE	512X512	F430W		2	600	1280	3		1
NGC6256-OUTER	16 59 32.6	-37 7 17	WFC	IMAGE	ALL	F555W		1	480	1280	1	PAR	1
NGC6256-OUTER	16 59 32.6	-37 7 17	WFC	IMAGE	ALL	F785LP		1	720	1280	1	PAR	1
PG1700+518	17 1 24.9	51 49 20	WFC	IMAGE	ALL	F702W		1	400	1015	0		1
PG1700+518	17 1 24.9	51 49 20	WFC	IMAGE	ALL	F702W		1	1600	1015	0		1
SKY-BG12	17 1 24.9	51 49 20*	FOS/RD	ACCUM	1.0	G650L	6232	1	2000	1015	1	PAR	1
PG1700+518	17 1 24.9	51 49 20	FOC/96	IMAGE	512X512	F152M		1	1080	1145	1		1
PG1700+518	17 1 24.9	51 49 20	FOC/96	IMAGE	512X512	F231M		1	420	1145	1		1
PG1700+518	17 1 24.9	51 49 20	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1145	1	ACQ	1
PG1700+518	17 1 24.9	51 49 20	FOS/BL	ACCUM	1.0	G190H	1944	1	1800	1145	1		1
PG1700+518	17 1 24.9	51 49 20	PC	IMAGE	ALL	F128LP		1	708	1032	2	ACQ	1
PG1700+518	17 1 24.9	51 49 20	PC	IMAGE	ALL	F725LP		1	708	1032	2	ACQ	1
PG1700+518	17 1 24.9	51 49 20	FOS/RD	ACCUM	0.5	G650L		1	280	1032	2	CON SEL	1
PG1700+518	17 1 24.9	51 49 20	FOS/RD	ACCUM	0.5	PRISM		1	280	1032	2	CON SEL	1
PG1700+518	17 1 24.9	51 49 20	FOS/RD	ACQ/BINA	4.3	MIRROR		1	2	1032	2	ACQ CON	1
PG1700+518	17 1 24.9	51 49 20	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	2553	1032	2	CON SEL	1
PG1700+518	17 1 24.9	51 49 20	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	2553	1032	2	CON SEL	1
PG1700+518	17 1 24.9	51 49 20	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	10	1032	2	ACQ CON	1
SKY11	17 1 24.9	51 49 20*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	708	1032	2	PAR	2
PG1700+518	17 1 24.9	51 49 20	FOC/96	IMAGE	512X512	F430W		1	1800	1234	0		1
PG1700+518	17 1 24.9	51 49 20	FOC/96	IMAGE	512X512	F342W		1	1800	1234	2		1
PG1700+518	17 1 24.9	51 49 20	FOS/BL	ACQ/BINA	4.3	MIRROR		1	9	1018	1	ACQ	1
PG1700+518	17 1 24.9	51 49 20	FOS/BL	ACCUM	1.0	G130H	1379	1	1500	1018	1		1
GX339-4	17 2 49.4	-48 47 22	HSP/POL	PEAKUP	6.0	F160LP		1	60	1097	1	ACQ	1
GX339-4	17 2 49.4	-48 47 22	HSP/VIS	SINGLE	1.0	F160LP		3	600	1094	1		1
GX339-4	17 2 49.4	-48 47 22	HSP/UV1	PEAKUP	10.0	F140LP		1	60	1097	1	ACQ	1
GX339-4	17 2 49.4	-48 47 22	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1097	1	ACQ	3
GX339-4	17 2 49.4	-48 47 22	HSP/POL	STAR-SKY	POL0	F277M		1	33	1097	1		40
GX339-4	17 2 49.4	-48 47 22	HSP/POL	STAR-SKY	POL45	F277M		1	33	1097	1		40
GX339-4	17 2 49.4	-48 47 22	HSP/POL	STAR-SKY	POL90	F277M		1	33	1097	1		40
GX339-4	17 2 49.4	-48 47 22	HSP/UV1	STAR-SKY	1.0-B	F220W		1	120	1097	1		1
GX339-4	17 2 49.4	-48 47 22	HSP/UV2	STAR-SKY	1.0-A	F145M		1	120	1097	1		1
GX339-4	17 2 49.4	-48 47 22	HSP/UV2	STAR-SKY	1.0-A	F284M		1	120	1097	1		1
GX339-4	17 2 49.4	-48 47 22	HSP/UV2	STAR-SKY	1.0-B	F184W		1	120	1097	1		1
GX339-4	17 2 49.4	-48 47 22	HSP/UV2	STAR-SKY	1.0-B	F248M		1	120	1097	1		4
GX339-4	17 2 49.4	-48 47 22	HSP/POL	STAR-SKY	POL135	F277M		1	33	1097	1		40
HD153919	17 3 56.7	-37 50 39	HSP/UV1	SINGLE	1.0	F220W		1	20	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/UV2	SINGLE	1.0	F145M		1	20	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/UV2	SINGLE	1.0	F184W		1	20	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/UV2	SINGLE	1.0	F248M		1	20	1097	0		10
HD153919	17 3 56.7	-37 50 39	HSP/UV2	SINGLE	1.0	F284M		1	20	1097	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD153919	17 3 56.7	-37 50 39	HSP/POL	PEAKUP	6.0	F160LP		1	60	1097	0	ACQ	1
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL0	F216M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL0	F237M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL0	F277M		1	30	1097	0		10
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL0	F327M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HRS	ACCUM	0.25	G160M	1390	1	60	1152	2		3
HD153919	17 3 56.7	-37 50 39	HSP/UV1	PEAKUP	10.0	F140LP		1	60	1097	0	ACQ	1
HD153919	17 3 56.7	-37 50 39	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1097	0	ACQ	9
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL45	F216M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL45	F237M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL45	F277M		1	30	1097	0		10
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL45	F327M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL90	F216M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL90	F237M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL90	F277M		1	30	1097	0		10
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL90	F327M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HRS	ACCUM	0.25	G160M	1235	1	60	1152	2		3
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL135	F216M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL135	F237M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL135	F277M		1	30	1097	0		10
HD153919	17 3 56.7	-37 50 39	HSP/POL	SINGLE	POL135	F327M		1	30	1097	0		1
HD153919	17 3 56.7	-37 50 39	HRS	ACCUM	0.25	G160M	1544	1	60	1152	2		3
3C351	17 4 41.3	60 44 30	FOC/96	IMAGE	512X512	F430W		1	1800	1234	1		1
3C351	17 4 41.3	60 44 30	FOC/96	IMAGE	512X512	F342W		1	1800	1234	3		1
3C351.0	17 4 41.5	60 44 28	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025			1
3C351.0	17 4 41.5	60 44 28	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
3C351.0	17 4 41.5	60 44 28	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
3C351.0	17 4 41.5	60 44 28	FOS/RD	ACCUM	1.0	G190H	1980	1	900	1025	2		1
3C351.0	17 4 41.5	60 44 28	FOS/BL	ACCUM	1.0	G130H	1379	1	900	1025	2	ACQ	1
3C351.0	17 4 41.5	60 44 28	FOS/RD	ACCUM	1.0	G270H	2753	1	300	1025	2	ACQ	1
V2051-OPH	17 8 19.2	-25 48 29	HSP/UV1	SINGLE	1.0	F135W		1	7200	1092	1		4
3C352	17 10 44.1	46 1 29	WFC	IMAGE	ALL	F555W		1	2700	1070	1		1
3C352	17 10 44.1	46 1 29	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
NGC6302	17 13 45.0	-37 6 11	FOC/96	IMAGE	512X512	F130M		1	480	1254	2		1
NGC6302	17 13 45.0	-37 6 11	FOC/96	IMAGE	512X512	F210M		1	480	1254	2		1
NGC6302	17 13 45.0	-37 6 11	FOC/96	IMAGE	512X512	F278M		1	480	1254	2		1
M92	17 17 7.3	43 8 11	PC	IMAGE	P6	F336W		1	20	1112	1		1
M92	17 17 7.3	43 8 11	PC	IMAGE	P6	F336W		1	100	1112	1		1
M92	17 17 7.3	43 8 11	PC	IMAGE	P6	F336W		1	800	1112	1		1
NGC6341	17 17 7.3	43 8 12	PC	IMAGE	ALL	F555W		1	8	1019	2		1
NGC6341	17 17 7.3	43 8 12	PC	IMAGE	ALL	F785LP		1	8	1019	2		1
PG1718+481	17 19 38.3	48 4 13	HRS	ACCUM	2.0	G270M	2600	1	4920	1143	3		1
PG1718+481	17 19 38.3	48 4 13	HRS	ACCUM	2.0	G270M	2075	1	4680	1143	3		1
PG1718+481	17 19 38.3	48 4 13	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
PG1718+481	17 19 38.3	48 4 13	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1142	1	ACQ	1
PG1718+481	17 19 38.3	48 4 13	FOS/RD	ACCUM	1.0	G270H	2753	1	900	1025	2		1
PG1718+481	17 19 38.3	48 4 13	FOS/RD	ACCUM	1.0	G190H	1980	1	1800	1142	1		1
PG1718+481	17 19 38.3	48 4 13	HRS	ACCUM	2.0	G200M	1950	1	6179	1143	3		1
PG1718+481	17 19 38.3	48 4 13	FOS/RD	ACCUM	1.0-PAIR-A	G190H	1980	1	540	1142	1		1
PG1718+481	17 19 38.3	48 4 13	FOS/RD	ACCUM	1.0-PAIR-A	G270H	2753	1	480	1142	1		1
PG1718+481	17 19 38.3	48 4 13	FOS/RD	ACCUM	1.0-PAIR-B	G190H	1980	1	540	1142	1		1
PG1718+481	17 19 38.3	48 4 13	FOS/RD	ACCUM	1.0-PAIR-B	G270H	2753	1	480	1142	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
POINT-CP6.1	17 20 2.6	-33 39 36	S/C	POINTING	V1			1	0	1014	1		1
POINT-CP6.2	17 20 10.4	-33 35 55	S/C	POINTING	V1			1	0	1014	2	CON	1
DRACO-171922+5757	17 20 10.6	57 54 41	WFC	IMAGE	ALL	F555W		1	200	1110	3		1
DRACO-171922+5757	17 20 10.6	57 54 41	WFC	IMAGE	ALL	F555W		1	2000	1110	3		1
DRACO-171922+5757	17 20 10.6	57 54 41	WFC	IMAGE	ALL	F785LP		1	200	1110	3		1
DRACO-171922+5757	17 20 10.6	57 54 41	WFC	IMAGE	ALL	F785LP		1	1700	1110	3		1
NGC6342	17 21 10.2	-19 35 14	FOC/96	IMAGE	512X512	F430W		2	600	1280	3		1
NGC6342-OUTER	17 21 10.2	-19 35 14	WFC	IMAGE	ALL	F555W		1	480	1280	1	PAR	1
NGC6342-OUTER	17 21 10.2	-19 35 14	WFC	IMAGE	ALL	F785LP		1	720	1280	1	PAR	1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	G160M	1540	1	60	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	G160M	1660	1	60	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	G160M	1810	1	60	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	G160M	1860	1	60	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	G270M	2360	1	60	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	G270M	2590	1	60	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	G270M	2800	1	60	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	G270M	2850	1	60	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	ECH-B	2370	1	180	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	ECH-B	2600	1	180	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	G160M	1160	1	180	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	G270M	2045	1	60	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	ECH-B	2325	1	180	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	ECH-A	1241	2	300	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	ECH-A	1402	1	420	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	ECH-A	1353	1	420	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	ECH-A	1391	1	420	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	ACCUM	2.0	ECH-A	1549	1	420	1165	1		1
HD156359	17 21 18.8	-62 55 5	HRS	WSCAN	2.0	G160M	1292	1	540	1165	1		1
3C356	17 24 19.0	50 57 40	WFC	IMAGE	ALL	F622W		1	2700	1070	1		1
3C356	17 24 19.0	50 57 40	WFC	IMAGE	ALL	F850LP		1	2700	1070	1		1
3C356	17 24 19.1	50 57 40	FOC/96	IMAGE	512X512	F342W		1	2000	1229	2		1
3C356	17 24 19.1	50 57 40	FOC/96	IMAGE	512X512	F430W		1	2000	1229	2		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1260	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1275	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1355	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-B	2325	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1476	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1477	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1478	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1276	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1277	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1302	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1329	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1327	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1328	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1354	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1356	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1391	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1392	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-A	1393	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-B	2324	1	120	1168	3		1
HD157246	17 25 23.5	-56 22 39	HRS	ACCUM	0.25	ECH-B	2326	1	120	1168	3		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
INCA221-114	17 27 11.2	50 17 0	FGS	POS	2	F550W		1	51	1571	1		4
INCA221-114	17 27 11.2	50 17 0	FGS	POS	2	F550W		1	51	1571	2		2
POINT1727+502INCA221-114	17 27 13.3	50 5 17	S/C	POINTING	V1			1	0	1571	1		2
POINT1727+502INCA221-114	17 27 13.3	50 5 17	S/C	POINTING	V1			1	0	1571	2		1
TRZ2	17 27 34.1	-30 48 8	FOC/96	IMAGE	512X512	F430W		2	600	1280	3		1
TRZ2-OUTER	17 27 34.1	-30 48 8	WFC	IMAGE	ALL	F555W		1	480	1280	1	PAR	1
TRZ2-OUTER	17 27 34.1	-30 48 8	WFC	IMAGE	ALL	F785LP		1	720	1280	1	PAR	1
1727+502INCA221-114	17 28 18.6	50 13 10	FGS	POS	2	F583W		1	51	1571	1		6
1727+502INCA221-114	17 28 18.6	50 13 10	FGS	POS	2	F583W		1	51	1571	2		3
HD159181	17 30 25.7	52 18 6	HRS	ACCUM	2.0	G160M	1550	1	1000	1176	1		1
HD159181	17 30 25.7	52 18 6	HRS	ACCUM	2.0	G200M	1900	1	900	1176	1		1
HD159181	17 30 25.7	52 18 6	HRS	ACCUM	2.0	G200M	1750	1	300	1176	1		1
HD159181	17 30 25.7	52 18 6	HRS	ACCUM	2.0	G140L	1304	1	300	1176	1		1
HD159181	17 30 25.7	52 18 6	HRS	ACCUM	2.0	G140L	1574	1	300	1176	1		1
KEPLERS-SNR	17 30 41.5	-21 29 23	WFC	IMAGE	ALL	F336W		1	1200	1098	3		1
KEPLERS-SNR	17 30 41.5	-21 29 23	WFC	IMAGE	ALL	F702W		1	1200	1098	3	ACQ	1
KEPLERS-SNR	17 30 41.5	-21 29 23	HSP/VIS	SINGLE	0.4	F160LP		1	1200	1098	3	CON	2
KEPLERS-SNR	17 30 41.5	-21 29 23	FOS/RD	ACCUM	0.3	G650L	6000	1	1800	1098	3	CON	1
HP1	17 31 7.0	-29 59 7	FOC/96	IMAGE	512X512	F430W		2	600	1280	3		1
HP1-OUTER	17 31 7.0	-29 59 7	WFC	IMAGE	ALL	F555W		1	480	1280	1	PAR	1
HP1-OUTER	17 31 7.0	-29 59 7	WFC	IMAGE	ALL	F785LP		1	720	1280	1	PAR	1
NGC6362	17 31 54.8	-67 2 52	PC	IMAGE	ALL	F555W		1	14	1019	2		1
NGC6362	17 31 54.8	-67 2 52	PC	IMAGE	ALL	F785LP		1	14	1019	2		1
GX-1+4	17 32 2.2	-24 44 44	HSP/UV1	PRISM	1.0	F248M/F135W		1	3000	1091	1		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-A	1252	1	29	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-A	1530	1	66	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-B	2370	1	16	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-A	1356	1	62	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-A	1558	1	62	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-A	1240	1	36	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-A	1303	1	26	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-A	1334	1	36	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-A	1392	1	72	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-A	1191	1	19	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-A	1547	1	75	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-B	1805	1	29	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-B	1826	1	33	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-B	2024	1	19	1071	2		1
HD158926	17 33 36.5	-37 6 12	HRS	WSCAN	0.25	ECH-B	2602	1	26	1071	2		1
HD159561	17 34 56.1	12 33 36	HRS	ACCUM	0.25	ECH-B31	1810	1	330	1201	2		1
HD159561	17 34 56.1	12 33 36	HRS	ACCUM	0.25	ECH-B20	2799	1	440	1201	2		1
HD159561	17 34 56.1	12 33 36	HRS	ACCUM	0.25	ECH-B22	2589	1	330	1201	2		1
HD159561	17 34 56.1	12 33 36	HRS	ACCUM	0.25	ECH-B22	2603	1	330	1201	2		1
HD159561	17 34 56.1	12 33 36	HRS	ACCUM	0.25	ECH-B28	2027	1	440	1201	2		1
HD159561	17 34 56.1	12 33 36	HRS	ACCUM	0.25	ECH-B25	2263	1	330	1201	2		1
HD159561	17 34 56.1	12 33 36	HRS	ACCUM	0.25	ECH-A34	1654	1	660	1201	2		1
HD159561	17 34 56.1	12 33 36	HRS	ACCUM	0.25	ECH-B20	2854	1	440	1201	2		1
HD159561	17 34 56.1	12 33 36	HRS	ACCUM	0.25	ECH-B22	2518	1	550	1201	2		1
HD159561	17 34 56.1	12 33 36	HRS	ACCUM	0.25	ECH-B31	1818	1	330	1201	2		1
BD+68D946	17 36 27.4	68 20 22	FGS	TRANS	ANY	F583W		1	1000	1003	0		2

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
BD+68D946	17 36 27.4	68 20 22	FGS	TRANS	ANY	F583W		1	1000	1003	1		1
BD+68D946	17 36 27.5	68 20 22	FOC/288	OCC	512X512-F0.4	F370LP		4	1200	1274	1		2
NGC6402-NOVA	17 37 37.5	-3 14 43*	FOS/RD	ACCUM	0.3	PRISM		1	500	1053	0	CON	1
NGC6402-NOVA	17 37 37.5	-3 14 43*	FOS/RD	ACCUM	0.3	PRISM		1	1000	1053	0	CON	1
NGC6402-NOVA	17 37 37.5	-3 14 43*	FOS/RD	ACCUM	0.3	G570H		1	3500	1053	0	CON	1
NGC6402-OFFSET	17 37 37.5	-3 14 43	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1053	0	ACQ CON	1
NGC6402	17 37 37.9	-3 14 38	PC	IMAGE	ALL	F439W	4385	1	500	1053	0	ACQ	1
NGC6402	17 37 37.9	-3 14 38	PC	IMAGE	ALL	F336W	3363	1	500	1053	0	ACQ	1
NGC6402	17 37 37.9	-3 14 38	PC	IMAGE	ALL	F656N	6559	1	500	1053	0	ACQ	1
NGC6397-EDGE	17 40 41.2	-53 40 25	WFC	IMAGE	ALL	F555W		1	3000	1296	2	PAR	6
NGC6397-EDGE	17 40 41.2	-53 40 25	WFC	IMAGE	ALL	F785LP		1	3000	1296	2	PAR	6
NGC6397	17 40 41.3	-53 40 25	WFC	IMAGE	ALL	F555W		3	900	1017	1		1
NGC6397	17 40 41.3	-53 40 25	WFC	IMAGE	ALL	F336W		1	540	1017	1		1
NGC6397	17 40 41.3	-53 40 25	WFC	IMAGE	ALL	F336W		1	2160	1017	1		1
NGC6397	17 40 41.3	-53 40 25	WFC	IMAGE	ALL	F785LP		6	450	1017	1		1
NGC6397	17 40 41.3	-53 40 25	FOC/96	IMAGE	512X1024	F430W		1	3000	1296	2		6
NGC6397	17 40 41.3	-53 40 25	FOC/96	IMAGE	512X1024	F480LP		1	3000	1296	2		6
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-A	1240	1	39	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-A	1252	1	32	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-A	1530	1	72	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-B	2370	1	18	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-A	1303	1	28	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-A	1334	1	39	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-A	1356	1	68	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-A	1392	1	79	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-A	1558	1	68	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-A	1191	1	21	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-A	1547	1	82	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-B	1805	1	32	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-B	1826	1	36	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-B	2024	1	21	1071	2		1
HD160578	17 42 29.3	-39 1 47	HRS	WSCAN	0.25	ECH-B	2602	1	28	1071	2		1
HD161868	17 47 53.4	2 42 26	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD161868	17 47 53.4	2 42 26	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD161868	17 47 53.4	2 42 26	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD161868	17 47 53.4	2 42 26	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
GAMMA-OPH	17 47 53.6	2 42 31	WFC	IMAGE	ALL	F555W		1	20	1122	3		2
GAMMA-OPH	17 47 53.6	2 42 31	WFC	IMAGE	ALL	F555W		1	1000	1122	3		2
NGC6441	17 50 12.7	-37 3 8	PC	IMAGE	ALL	F439W	4385	1	500	1053	3	ACQ	1
NGC6441	17 50 12.7	-37 3 8	PC	IMAGE	ALL	F284W	2841	1	500	1053	3	ACQ	1
NGC6441	17 50 12.7	-37 3 8	PC	IMAGE	ALL	F336W	3363	1	500	1053	3	ACQ	1
NGC6441	17 50 12.7	-37 3 8	PC	IMAGE	ALL	F656N	6599	1	500	1053	3	ACQ	1
NGC6441-OFFSET	17 50 12.7	-37 3 8	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1053	3	ACQ CON	1
NGC6441-STAR	17 50 12.7	-37 3 8*	FOS/RD	ACCUM	0.3	PRISM		1	500	1053	3	CON	1
NGC6441-STAR	17 50 12.7	-37 3 8*	FOS/RD	ACCUM	0.3	PRISM		1	1000	1053	3	CON	1
NGC6441-STAR	17 50 12.7	-37 3 8*	FOS/RD	ACCUM	0.3	G570H		1	3500	1053	3	CON	1
TRZ6	17 50 48.3	-31 16 31	FOC/96	IMAGE	512X512	F430W		2	600	1280	3		1
TRZ6-OUTER	17 50 48.3	-31 16 31	WFC	IMAGE	ALL	F555W		1	480	1280	1	PAR	1
TRZ6-OUTER	17 50 48.3	-31 16 31	WFC	IMAGE	ALL	F785LP		1	720	1280	1	PAR	1
NGC6453	17 50 51.8	-34 35 55	FOC/96	IMAGE	512X512	F430W		2	600	1280	3		1
NGC6453-OUTER	17 50 51.8	-34 35 55	WFC	IMAGE	ALL	F555W		1	480	1280	1	PAR	1
NGC6453-OUTER	17 50 51.8	-34 35 55	WFC	IMAGE	ALL	F785LP		1	720	1280	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD163181	17 56 16.1	-32 28 30	HRS	ACCUM	0.25	G160M	1390	1	120	1152	2		3
HD163181	17 56 16.1	-32 28 30	HRS	ACCUM	0.25	G160M	1235	1	120	1152	2		3
HD163181	17 56 16.1	-32 28 30	HRS	ACCUM	0.25	G160M	1544	1	120	1152	2		3
VYS799	17 57 48.5	4 41 38	FOC/288	OCC	512X512-F0.4	F370LP		10	900	1274	2		4
VYS799	17 57 48.5	4 41 38	FOC/288	OCC	512X512-F0.4	F220W F278M F4ND		1	300	1274	2		1
VYS799	17 57 48.5	4 41 38	FOC/288	OCC	512X512-F0.4	F220W F278M F4ND		1	600	1274	2		2
VYS799	17 57 48.5	4 41 38	FOC/288	OCC	512X512-F0.4	F220W F278M F4ND		1	240	1274	2	ACQ	1
BARNARDS-STAR	17 57 48.5	4 41 36	FGS	POS	PRIME	F550W		1	52	1011	2		34
BARNARDS-STAR	17 57 48.5	4 41 36	FGS	POS	PRIME	F550W		1	52	1011	3		16
BARNARDS-STAR	17 57 48.5	4 41 36	FGS	POS	PRIME	F550W		1	52	2941	2		34
BARNARDS-STAR	17 57 48.5	4 41 36	FGS	POS	PRIME	F550W		1	52	2942	3		16
GL699	17 57 48.8	4 41 39	FOS/BL	RAPID	4.3	G130H	1300	1	600	1180	1		1
GL699	17 57 48.8	4 41 39	FOS/BL	ACQ/PEAK	4.3	G780H		1	0	1180	1	ACQ	1
BARNARD-FIELD	17 57 49.0	4 43 53	FOC/96	IMAGE	512X512	F370LP		1	300	1274	1		1
GLIESE699	17 57 49.2	4 40 5	FGS	POS	PRIME	F550W		1	52	1005	0	CON	5
GLIESE699	17 57 49.2	4 40 5	FGS	POS	PRIME	F550W		1	52	1005	1	CON	6
GLIESE699	17 57 49.2	4 40 5	FGS	POS	PRIME	F550W		1	52	1005	2	CON	6
GLIESE699	17 57 49.2	4 40 5	FGS	POS	PRIME	F550W		1	52	2938	0	CON	5
GLIESE699	17 57 49.2	4 40 5	FGS	POS	PRIME	F550W		1	52	2938	1	CON	6
GLIESE699	17 57 49.2	4 40 5	FGS	POS	PRIME	F550W		1	52	2938	2	CON	6
GLIESE699	17 57 49.2	4 40 5	FGS	TRANS	PRIME	F583W		1	100	1005	0	ACQ	1
GLIESE699	17 57 49.2	4 40 5	FGS	TRANS	PRIME	F583W		1	100	2938	0	ACQ	1
BARNARDS-STAR	17 57 51.4	4 33 3	WFC	IMAGE	W4	F606W		1	17	1109	1		6
NGC6543	17 58 34.0	66 38 5	PC	IMAGE	ALL	F157W		1	120	1212	2		1
NGC6543	17 58 34.0	66 38 5	PC	IMAGE	ALL	F194W		1	120	1212	2		1
NGC6543	17 58 34.0	66 38 5	PC	IMAGE	ALL	F517N		1	120	1212	2		1
NGC6543	17 58 34.0	66 38 5	HRS	ACCUM	2.0	G140L	1420	1	72	1212	2		1
NGC6543	17 58 34.0	66 38 5	HRS	ACCUM	2.0	G140L	1250	1	36	1212	2		1
NGC6543	17 58 34.0	66 38 5	HRS	ACCUM	2.0	G140L	1670	1	216	1212	2		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	G160M	1540	1	60	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	G160M	1660	1	60	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	G160M	1810	1	60	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	G160M	1860	1	60	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	G270M	2360	1	60	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	G270M	2590	1	60	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	G270M	2800	1	60	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	G270M	2850	1	60	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	ECH-B	2370	1	180	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	ECH-B	2600	1	180	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	G160M	1160	1	180	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	G270M	2045	1	60	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	ECH-B	2325	1	180	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	ECH-A	1402	1	420	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	ECH-A	1353	1	420	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	ECH-A	1391	1	420	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	ECH-A	1549	1	420	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	ACCUM	2.0	ECH-A	1241	2	390	1165	0		1
HD163522	17 58 35.2	-42 29 10	HRS	WSCAN	2.0	G160M	1292	1	540	1165	0		1
HD164353	18 0 38.7	2 55 54	HRS	ACCUM	0.25	ECH-B	2312	4	420	1066	1		1
POINT1758-651INCA221 -116	18 1 21.4	-65 7 22	S/C	POINTING	V1			1	0	1571	0		1
INCA221-116	18 2 0.9	-64 55 20	FGS	POS	2	F550W		1	51	1571	0		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FIELD180310-295143	18 3 10.0	-29 51 43	WFC	IMAGE	ALL	F336W		1	100	1106	0		1
FIELD180310-295143	18 3 10.0	-29 51 43	WFC	IMAGE	ALL	F555W		1	100	1106	0		1
FIELD180310-295143	18 3 10.0	-29 51 43	WFC	IMAGE	ALL	F336W		1	1800	1106	0		1
FIELD180310-295143	18 3 10.0	-29 51 43	WFC	IMAGE	ALL	F555W		1	1900	1106	0		1
FIELD180310-295143	18 3 10.0	-29 51 43	WFC	IMAGE	ALL	F785LP		1	100	1106	0		1
FIELD180310-295143	18 3 10.0	-29 51 43	WFC	IMAGE	ALL	F785LP		1	1900	1106	0		1
BAADES-WINDOW-FIELD	18 3 13.3	-29 56 44	FOC/96	IMAGE	512X1024	F342W		1	1500	1281	1		1
BAADES-WINDOW-FIELD	18 3 13.3	-29 56 44	FOC/96	IMAGE	512X1024	F430W		1	1500	1281	1		1
BAADES-WINDOW-FIELD	18 3 13.3	-29 56 44	FOC/96	IMAGE	512X1024	F480LP		1	1500	1281	1		1
1758-651INCA221-116	18 3 23.5	-65 7 37	FGS	POS	2	F550W		1	51	1571	0		3
1758-651INCA221-117	18 3 23.5	-65 7 37	FGS	POS	2	F550W		1	51	1571	0		3
INCA221-117	18 3 23.6	-65 5 41	FGS	POS	2	F5ND		1	51	1571	0		2
KAZ102	18 3 28.8	67 38 11	FOS/RD	ACCUM	0.5	PRISM	3500	1	200	1026	2		1
KAZ102	18 3 28.8	67 38 11	FOS/BL	ACCUM	0.5	G130H	1300	1	3000	1026	2		1
KAZ102	18 3 28.8	67 38 11	FOS/RD	ACCUM	0.5	G190H	1900	1	2000	1026	2		1
KAZ102	18 3 28.8	67 38 11	FOS/RD	ACCUM	0.5	G270H	2700	1	600	1026	2		1
KAZ102	18 3 28.8	67 38 11	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1026	2	ACQ	1
KAZ102	18 3 28.8	67 38 11	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1026	2	ACQ	1
NGC6522	18 3 34.1	-30 2 2	PC	IMAGE	ALL	F555W		1	390	1281	1	PAR	1
NGC6522	18 3 34.1	-30 2 2	PC	IMAGE	ALL	F555W		1	1140	1281	1	PAR	1
NGC6522	18 3 34.1	-30 2 2	PC	IMAGE	ALL	F785LP		1	390	1281	1	PAR	1
NGC6522	18 3 34.1	-30 2 2	PC	IMAGE	ALL	F785LP		1	1140	1281	1	PAR	1
HD164794	18 3 52.4	-24 21 38	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	0		2
POINT1758-651INCA221 -117	18 4 10.1	-65 17 46	S/C	POINTING	V1			1	0	1571	0		1
3C368	18 5 6.4	11 1 31	WFC	IMAGE	ALL	F702W		1	2700	1070	1		1
3C368	18 5 6.4	11 1 31	WFC	IMAGE	ALL	F791W		1	2700	1070	1		1
3C368	18 5 6.4	11 1 31	WFC	IMAGE	ALL	F850LP		1	2700	1070	1		1
3C368	18 5 6.4	11 1 31	FOC/96	IMAGE	512X512	F342W		1	2000	1229	2		1
3C368	18 5 6.4	11 1 31	FOC/96	IMAGE	512X512	F430W		1	2000	1229	2		1
3C371	18 6 50.6	69 49 30	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
3C371	18 6 50.6	69 49 30	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C371	18 6 50.6	69 49 30	FOC/288	IMAGE	512X512	F320W		1	600	1228	2		1
3C371	18 6 50.6	69 49 30	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
3C371	18 6 50.6	69 49 30	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3CR371	18 6 51.1	69 49 34	HSP/POL	SINGLE	POL0	F277M		1	60	1099	2		20
3CR371	18 6 51.1	69 49 34	HSP/POL	SINGLE	POL45	F277M		1	60	1099	2		20
3CR371	18 6 51.1	69 49 34	HSP/POL	SINGLE	POL90	F277M		1	60	1099	2		20
3CR371	18 6 51.1	69 49 34	HSP/POL	SINGLE	POL135	F277M		1	60	1099	2		20
HD165908	18 7 1.6	30 33 43	HRS	ACCUM	0.25	G270M	2497	2	420	1064	3	CON SEL	1
DQ-HER-A	18 7 30.2	45 51 37*	FOS/BL	ACCUM	4.3	G160L	1837	1	2400	1067	2		1
DQ-HER	18 7 30.3	45 51 31	HSP/UV1	PRISM	1.0	F248M/F135W		1	16920	1090	0		1
DQ-HER	18 7 30.3	45 51 32	FOS/BL	ACCUM	1.0	G130H		1	800	1051	1		2
DQ-HER	18 7 30.3	45 51 32	FOS/BL	ACCUM	1.0	G190H		1	800	1051	1		1
DQ-HER	18 7 30.3	45 51 32	FOS/BL	ACCUM	1.0	G270H		1	800	1051	1		2
DQ-HER	18 7 30.3	45 51 32	FOS/BL	PERIOD	1.0	G160L		1	3979	1051	1		1
DQ-HER	18 7 30.3	45 51 32	FOS/BL	ACQ/BINA	4.3	MIRROR		1	0	1051	1	ACQ	1
DQ-HER	18 7 30.8	45 51 29	WFC	IMAGE	ALL	F606W		2	1500	1067	2	ACQ	1
DQ-HER-B	18 7 31.4	45 51 34*	FOS/BL	ACCUM	4.3	G160L	1837	1	2400	1067	2		1
HD166126	18 9 50.7	-15 33 0	HRS	ACCUM	0.25	G140L	1280	1	30	1174	3		1
HD166126	18 9 50.7	-15 33 0	HRS	ACCUM	0.25	G140L	1280	1	50	1174	3		1
HD166126	18 9 50.7	-15 33 0	HRS	ACCUM	0.25	G140L	1555	1	30	1174	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD166126	18 9 50.7	-15 33 0	HRS	ACCUM	0.25	G140L	1555	1	50	1174	3		1
W-SER	18 9 50.7	-15 33 0	HRS	ACCUM	0.25	G160M	1400	2	450	1190	1		1
W-SER	18 9 50.7	-15 33 0	HRS	ACCUM	0.25	G160M	1670	2	450	1190	1		1
W-SER	18 9 50.7	-15 33 0	HRS	ACCUM	0.25	G160M	1335	2	450	1190	1		1
W-SER	18 9 50.7	-15 33 0	HRS	ACCUM	0.25	G160M	1243	2	450	1190	1		1
W-SER	18 9 50.7	-15 33 0	HRS	ACCUM	0.25	G160M	1538	2	450	1190	1		1
NGC6558	18 10 18.4	-31 45 49	FOC/96	IMAGE	512X512	F342W		2	750	1280	3		1
NGC6558-OUTER	18 10 18.4	-31 45 49	WFC	IMAGE	ALL	F555W		1	600	1280	1	PAR	1
NGC6558-OUTER	18 10 18.4	-31 45 49	WFC	IMAGE	ALL	F785LP		1	900	1280	1	PAR	1
V533HER	18 12 46.4	41 50 22	FOC/96	IMAGE	512X512	F486N		1	1200	1253	2		1
V533HER	18 12 46.4	41 50 22	FOC/96	IMAGE	512X512	F501N		1	1200	1253	2		1
AM-HER	18 16 13.3	49 52 4	FOS/BL	ACCUM	0.5	G160L		1	960	1051	0		10
AM-HER	18 16 13.3	49 52 4	FOS/BL	ACQ/PEAK	0.3	G570H		1	0	1051	0	ACQ	1
AM-HER	18 16 13.3	49 52 4	FOS/BL	ACQ/PEAK	1.0	G570H		1	0	1051	0	ACQ	1
AM-HER	18 16 13.4	49 52 3	HRS	ACCUM	2.0	G140L	1520	1	300	1155	2		8
FIELD181834-325058	18 18 34.0	-32 50 58	WFC	IMAGE	ALL	F336W		1	100	1106	2		1
FIELD181834-325058	18 18 34.0	-32 50 58	WFC	IMAGE	ALL	F555W		1	100	1106	2		1
FIELD181834-325058	18 18 34.0	-32 50 58	WFC	IMAGE	ALL	F336W		1	1800	1106	2		1
FIELD181834-325058	18 18 34.0	-32 50 58	WFC	IMAGE	ALL	F555W		1	1900	1106	2		1
FIELD181834-325058	18 18 34.0	-32 50 58	WFC	IMAGE	ALL	F785LP		1	100	1106	2		1
FIELD181834-325058	18 18 34.0	-32 50 58	WFC	IMAGE	ALL	F785LP		1	1900	1106	2		1
NGC6611B	18 18 38.6	-13 52 51	PC	IMAGE	ALL	F656N		1	1800	1072	0		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1300	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	1910	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	2060	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	G140M	1080	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	G140M	1130	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	2260	1	15	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	2370	1	15	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	2600	1	15	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	2800	1	15	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	2850	1	15	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	G160M	1160	1	15	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1345	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1525	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	2025	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	G140M	1105	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	G140M	1155	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	2325	1	15	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1402	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1197	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1234	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1238	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1241	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1276	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1326	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1333	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1353	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1361	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1369	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1391	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1531	1	30	1165	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1549	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1546	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1559	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1606	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1654	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1669	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-A	1706	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	1808	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	1828	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	1854	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	1863	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	2011	1	30	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	ACCUM	2.0	ECH-B	2334	1	15	1165	3		1
HD167756	18 18 40.1	-42 17 18	HRS	WSCAN	2.0	G160M	1292	1	130	1165	3		1
NGC6611A	18 18 44.5	-13 47 17	PC	IMAGE	ALL	F656N		1	1800	1072	0		1
NGC6611C	18 18 51.7	-13 53 10	PC	IMAGE	ALL	F656N		1	1800	1072	0		1
NGC6611D	18 18 56.1	-13 57 23	PC	IMAGE	ALL	F656N		1	1800	1072	0		1
NGC6624	18 23 40.3	-30 21 39	PC	IMAGE	ALL	F547M		1	100	1052	0	ACQ CON	1
NGC6624	18 23 40.3	-30 21 39	PC	IMAGE	ALL	F230W		1	250	1052	0	ACQ CON	1
NGC6624	18 23 40.3	-30 21 39	PC	IMAGE	ALL	F336W		1	130	1052	0	ACQ CON	1
NGC6624-OFFSET-STAR	18 23 40.3	-30 21 39*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1052	1	ACQ CON	1
NGC6624-STAR1	18 23 40.3	-30 21 39*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	1	CON	1
NGC6624-STAR1	18 23 40.3	-30 21 39*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	1	CON	1
NGC6624-STAR2	18 23 40.3	-30 21 39*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	1	CON	1
NGC6624-STAR2	18 23 40.3	-30 21 39*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	1	CON	1
NGC6624	18 23 40.6	-30 21 41	PC	IMAGE	ALL	F439W	4385	1	500	1053	2	ACQ	1
NGC6624	18 23 40.6	-30 21 41	PC	IMAGE	ALL	F284W	2841	1	500	1053	2	ACQ	1
NGC6624	18 23 40.6	-30 21 41	PC	IMAGE	ALL	F336W	3363	1	500	1053	2	ACQ	1
NGC6624	18 23 40.6	-30 21 41	PC	IMAGE	ALL	F656N	6599	1	500	1053	2	ACQ	1
NGC6624-OFFSET	18 23 40.6	-30 21 41	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1053	2	ACQ CON	1
NGC6624-OFFSET	18 23 40.6	-30 21 41	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1053	2	ACQ CON	1
NGC6624-STAR	18 23 40.6	-30 21 41*	FOS/BL	ACCUM	0.3	PRISM		1	4000	1053	2	CON	1
NGC6624-STAR	18 23 40.6	-30 21 41*	FOS/RD	ACCUM	0.3	G570H		1	4000	1053	2	CON	1
NGC6624-STAR	18 23 40.6	-30 21 41*	FOS/RD	ACCUM	0.3	PRISM		1	1000	1053	2	CON	1
4U1820-30	18 23 40.6	-30 21 41	PC	IMAGE	ALL	F702W		1	300	1097	1		1
4U1820-30	18 23 40.6	-30 21 41	PC	IMAGE	ALL	F336W		1	300	1097	1	ACQ	1
4U1820-30	18 23 40.6	-30 21 41	HSP/UV2	SINGLE	0.4	F248M		1	1500	1097	1		1
4U1820-30	18 23 40.6	-30 21 41	HSP/UV2	SINGLE	0.4	F284M		1	1500	1097	1	CON	1
4U1820-30	18 23 40.6	-30 21 41	HSP/UV2	SINGLE	0.4	F140LP		1	1500	1097	1		1
4U1820-30	18 23 40.6	-30 21 41	HSP/UV2	SINGLE	0.4	F140LP		1	1500	1097	1	CON	1
NGC6624	18 23 40.7	-30 21 39	FOC/96	IMAGE	512X1024	F430W		1	1500	1279	0		3
NGC6624	18 23 40.7	-30 21 39	FOC/96	IMAGE	512X1024	F430W		1	1500	1279	2	CON	3
NGC6624	18 23 40.7	-30 21 39	FOC/96	IMAGE	512X1024	F480LP		1	1500	1279	0		3
NGC6624	18 23 40.7	-30 21 39	FOC/96	IMAGE	512X1024	F480LP		1	1500	1279	2	CON	3
NGC6624	18 23 40.7	-30 21 39	FOC/288	IMAGE	512X1024	F175W		1	1500	1279	0		1
NGC6624	18 23 40.7	-30 21 39	FOC/288	IMAGE	512X1024	F175W		1	1500	1279	2	CON	1
NGC6624-OUTER	18 23 40.7	-30 21 39	WFC	IMAGE	ALL	F555W		1	1320	1279	1	PAR	3
NGC6624-OUTER	18 23 40.7	-30 21 39	WFC	IMAGE	ALL	F785LP		1	1320	1279	1	PAR	4
HD169515	18 25 31.5	-12 41 24	HRS	ACCUM	0.25	G140L	1280	1	60	1174	1		1
HD169515	18 25 31.5	-12 41 24	HRS	ACCUM	0.25	G140L	1280	1	120	1174	1		1
HD169515	18 25 31.5	-12 41 24	HRS	ACCUM	0.25	G140L	1555	1	60	1174	1		1
HD169515	18 25 31.5	-12 41 24	HRS	ACCUM	0.25	G140L	1555	1	120	1174	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD169753	18 26 33.7	-9 12 7	HRS	ACCUM	0.25	G140L	1280	1	30	1174	1		2
HD169753	18 26 33.7	-9 12 7	HRS	ACCUM	0.25	G140L	1555	1	30	1174	1		2
FH-SER	18 30 47.1	2 36 52	FOC/96	IMAGE	512X512	F486N		1	1200	1253	2		1
FH-SER	18 30 47.1	2 36 52	FOC/96	IMAGE	512X512	F501N		1	1200	1253	2		1
INCA221-122-AST2	18 31 33.3	28 15 43	FGS	POS	2	F550W		1	30	1475	1	CON PAR	1
INCA221-122-AST2	18 31 33.3	28 15 43	FGS	POS	2	F550W		1	30	1475	2	CON PAR	1
NGC6642	18 31 54.3	-23 28 35	FOC/96	IMAGE	512X512	F342W		2	750	1280	3		1
NGC6642-OUTER	18 31 54.3	-23 28 35	WFC	IMAGE	ALL	F555W		1	600	1280	1	PAR	1
NGC6642-OUTER	18 31 54.3	-23 28 35	WFC	IMAGE	ALL	F785LP		1	900	1280	1	PAR	1
INCA221-122	18 31 55.9	28 25 25	PC	IMAGE	P8	F658N		1	30	1475	1	CON	1
INCA221-122	18 31 55.9	28 25 25	PC	IMAGE	P8	F658N		1	30	1475	2	CON	1
INCA221-122-AST1	18 32 34.0	28 23 33	FGS	POS	2	F550W		1	30	1475	1	CON PAR	2
INCA221-122-AST1	18 32 34.0	28 23 33	FGS	POS	2	F550W		1	30	1475	2	CON PAR	2
1830+285INCA221-122	18 32 50.2	28 33 35	PC	IMAGE	P8	F606W		1	26	1475	1	CON	1
1830+285INCA221-122	18 32 50.2	28 33 35	PC	IMAGE	P8	F606W		1	26	1475	2	CON	1
1830+285INCA221-122	18 32 50.2	28 33 35	PC	IMAGE	P8	F725LP		1	60	1475	1	CON	1
1830+285INCA221-122	18 32 50.2	28 33 35	PC	IMAGE	P8	F725LP		1	60	1475	2	CON	1
3C382	18 35 3.4	32 41 48	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
3C382	18 35 3.4	32 41 48	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C382	18 35 3.4	32 41 48	FOC/288	IMAGE	512X512	F502M		1	300	1228	2		1
3C382	18 35 3.4	32 41 48	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
3C382	18 35 3.4	32 41 48	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC6656	18 36 24.2	-23 54 12	PC	IMAGE	ALL	F555W	5479	1	26	1007	0		3
NGC6656	18 36 24.2	-23 54 12	PC	IMAGE	ALL	F791W	8537	1	26	1007	0		2
NGC6656	18 36 24.2	-23 54 12	PC	IMAGE	ALL	F555W	5479	1	26	1007	1		3
NGC6656	18 36 24.2	-23 54 12	PC	IMAGE	ALL	F791W	8537	1	26	1007	1		2
NGC6656	18 36 24.2	-23 54 12	PC	IMAGE	ALL	F555W	5479	1	26	2944	0		3
NGC6656	18 36 24.2	-23 54 12	PC	IMAGE	ALL	F791W	8537	1	26	2944	0		2
NGC6656	18 36 24.2	-23 54 12	PC	IMAGE	ALL	F555W	5479	1	26	2947	1		3
NGC6656	18 36 24.2	-23 54 12	PC	IMAGE	ALL	F791W	8537	1	26	2947	1		2
NGC6656-C	18 36 46.3	-23 36 25	PC	IMAGE	ALL	F439W	4385	1	500	1053	2	ACQ	1
NGC6656-C	18 36 46.3	-23 36 25	PC	IMAGE	ALL	F336W	3363	1	500	1053	2	ACQ	1
NGC6656-C	18 36 46.3	-23 36 25	PC	IMAGE	ALL	F656N	6559	1	500	1053	2	ACQ	1
NGC6656-C-OFFSET	18 36 46.3	-23 36 25	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1053	2	ACQ CON	1
NGC6656-STAR	18 36 46.3	-23 36 25*	FOS/RD	ACCUM	0.3	PRISM		1	500	1053	2	CON	1
NGC6656-STAR	18 36 46.3	-23 36 25*	FOS/RD	ACCUM	0.3	PRISM		1	1000	1053	2	CON	1
NGC6656-STAR	18 36 46.3	-23 36 25*	FOS/RD	ACCUM	0.3	G570H		1	3500	1053	2	CON	1
ALPHA-LYRAE	18 36 55.5	38 46 47	WFC	IMAGE	ALL	F555W		1	0	1122	3		2
ALPHA-LYRAE	18 36 55.5	38 46 47	WFC	IMAGE	ALL	F555W		1	25	1122	3		2
HD172167	18 36 56.2	38 47 1	FOC/96	OCC	512X1024-F0.4	F120M		1	600	1275	2		1
HD172167	18 36 56.2	38 47 1	FOC/96	OCC	512X1024-F0.4	F210M		1	600	1275	2		1
HD172167	18 36 56.2	38 47 1	FOC/96	OCC	512X1024-F0.4	F372M		1	600	1275	2		1
HD172167	18 36 56.2	38 47 1	FOC/96	OCC	512X512-F0.4	F486N F8ND		1	100	1275	2		1
HD172167	18 36 56.2	38 47 1	FOC/96	OCC	512X1024-F0.4	F320W POL0		1	600	1275	2		1
HD172167	18 36 56.2	38 47 1	FOC/96	OCC	512X1024-F0.4	F320W POL60		1	600	1275	2		1
HD172167	18 36 56.2	38 47 1	FOC/96	OCC	512X1024-F0.4	F320W POL120		1	600	1275	2		1
NGC6656E1	18 37 47.8	-23 54 5*	PC	IMAGE	ALL	F555W	5479	1	100	1007	0		3
NGC6656E1	18 37 47.8	-23 54 5*	PC	IMAGE	ALL	F555W	5479	1	1000	1007	0		3
NGC6656E1	18 37 47.8	-23 54 5*	PC	IMAGE	ALL	F791W	8537	1	100	1007	0		2
NGC6656E1	18 37 47.8	-23 54 5*	PC	IMAGE	ALL	F791W	8537	1	1000	1007	0		2
NGC6656E1	18 37 47.8	-23 54 5*	PC	IMAGE	ALL	F555W	5479	1	100	2944	0		3
NGC6656E1	18 37 47.8	-23 54 5*	PC	IMAGE	ALL	F555W	5479	1	1000	2944	0		3

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC6656E1	18 37 47.8	-23 54 5*	PC	IMAGE	ALL	F791W	8537	1	100	2944	0		2
NGC6656E1	18 37 47.8	-23 54 5*	PC	IMAGE	ALL	F791W	8537	1	1000	2944	0		2
3C390.3	18 42 9.0	79 46 17	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
3C390.3	18 42 9.0	79 46 17	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C390.3	18 42 9.0	79 46 17	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
3C390.3	18 42 9.0	79 46 17	FOC/288	IMAGE	512X512	F370LP		1	300	1228	2		1
3C390.3	18 42 9.0	79 46 17	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C390.3	18 42 9.5	79 46 16	FOC/96	IMAGE	512X512	F152M	1500	1	600	1227	0		1
3C390.3	18 42 9.5	79 46 16	FOC/96	IMAGE	512X512	F502M	4950	1	600	1227	0		1
3C390.3	18 42 9.5	79 46 16	FOC/96	IMAGE	512X512	F190M	1975	1	600	1227	0		1
3C390.3	18 42 9.5	79 46 16	FOC/96	IMAGE	512X512	F550M	5470	1	600	1227	0		1
3C390.3	18 42 9.5	79 46 16	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
NGC6681	18 43 12.7	-32 17 31	FOC/96	IMAGE	512X512	F342W		1	1500	1280	2		1
NGC6681	18 43 12.7	-32 17 31	FOC/96	IMAGE	512X512	F2ND F342W		1	300	1280	2		1
NGC6681-OUTER	18 43 12.7	-32 17 31	WFC	IMAGE	ALL	F555W		1	720	1280	1	PAR	1
NGC6681-OUTER	18 43 12.7	-32 17 31	WFC	IMAGE	ALL	F785LP		1	1080	1280	1	PAR	1
NGC6681	18 43 12.7	-32 17 31	PC	IMAGE	ALL	F547M		1	100	1052	0	ACQ CON	1
NGC6681	18 43 12.7	-32 17 31	PC	IMAGE	ALL	F230W		1	250	1052	0	ACQ CON	1
NGC6681	18 43 12.7	-32 17 31	PC	IMAGE	ALL	F336W		1	130	1052	0	ACQ CON	1
NGC6681-OFFSET-STAR	18 43 12.7	-32 17 31*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1052	1	ACQ CON	1
NGC6681-STAR1	18 43 12.7	-32 17 31*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	1	CON	1
NGC6681-STAR1	18 43 12.7	-32 17 31*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	1	CON	1
NGC6681-STAR2	18 43 12.7	-32 17 31*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	1	CON	1
NGC6681-STAR2	18 43 12.7	-32 17 31*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	1	CON	1
FU1083-2	18 43 24.6	-23 26 31	WFC	IMAGE	ALL	F569W		1	0	1083	1	ACQ	2
FU1083-2	18 43 24.6	-23 26 31	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	1		2
1840-624P11	18 44 48.6	-62 21 57	FOC/288	IMAGE	512X512	F342W		1	300	1244	2		1
1840-624P11	18 44 48.6	-62 21 57	FOC/288	IMAGE	512X512	F430W		1	300	1244	2		1
1840-624P11	18 44 48.6	-62 21 57	FOC/288	IMAGE	512X512	F502M		1	600	1244	2		1
ROSS-154	18 49 47.6	-23 50 0	PC	IMAGE	P8	F606W		1	80	1109	1		6
HD174933	18 52 16.5	21 25 30	HRS	ACCUM	0.25	ECH-A	1362	1	468	1182	2		1
HD174933	18 52 16.5	21 25 30	HRS	ACCUM	0.25	ECH-B	1942	1	234	1182	2		1
FU1082-1	18 52 17.0	-23 16 41	WFC	IMAGE	ALL	F569W		1	0	1082	1	ACQ	2
FU1082-1	18 52 17.0	-23 16 41	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		2
NGC6712	18 53 5.0	-8 42 20	PC	IMAGE	ALL	F439W	4385	1	500	1053	1	ACQ	1
NGC6712	18 53 5.0	-8 42 20	PC	IMAGE	ALL	F284W	2841	1	500	1053	1	ACQ	1
NGC6712	18 53 5.0	-8 42 20	PC	IMAGE	ALL	F336W	3363	1	500	1053	1	ACQ	1
NGC6712	18 53 5.0	-8 42 20	PC	IMAGE	ALL	F656N	6599	1	500	1053	1	ACQ	1
NGC6712-OFFSET	18 53 5.0	-8 42 20	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1053	1	ACQ CON	1
NGC6712-STAR	18 53 5.0	-8 42 20*	FOS/RD	ACCUM	0.3	PRISM		1	500	1053	1	CON	1
NGC6712-STAR	18 53 5.0	-8 42 20*	FOS/RD	ACCUM	0.3	PRISM		1	1000	1053	1	CON	1
NGC6712-STAR	18 53 5.0	-8 42 20*	FOS/RD	ACCUM	0.3	G570H		1	3500	1053	1	CON	1
V1223-SGR	18 55 2.2	-31 9 47	HSP/UV1	PRISM	1.0	F248M/F135W		1	12240	1090	1		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-B31	1810	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-A36	1557	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-A42	1332	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-B20	2799	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-B22	2589	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-B22	2603	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-B28	2027	1	110	1201	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-A36	1547	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-A37	1529	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-A45	1240	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-A45	1250	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-B24	2263	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	G140M	1198	1	60	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-A34	1654	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-A42	1326	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-A43	1303	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-B20	2854	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-B22	2518	1	110	1201	3		1
HD175191	18 55 16.2	-26 17 47	HRS	ACCUM	0.25	ECH-B31	1818	1	110	1201	3		1
GRW+70-8247	19 0 10.1	70 39 52	FOS/BL	ACCUM	0.5	G190H	1900	1	1200	1049	1		1
GRW+70-8247	19 0 10.1	70 39 52	FOS/BL	ACQ/BINA	4.3	MIRROR		1	2	1049	1	ACQ	1
GRW+70-8247	19 0 10.1	70 39 52	FOS/BL	ACCUM	0.5	G270H	2766	1	300	1049	1		1
GRW+70-8247	19 0 10.1	70 39 52	FOS/BL	ACCUM	0.5	G130H	1379	1	1440	1049	1		8
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F555W		1	30	1105	0		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F702W		1	30	1105	0		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F230W		1	30	1105	2		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F555W		1	230	1105	0		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F555W		1	1400	1105	0		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F702W		1	230	1105	0		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F702W		1	1400	1105	0		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F230W		1	230	1105	2		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F230W		1	1200	1105	2		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F230W		1	2100	1105	2		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F555W		1	2300	1105	2		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F702W		1	2300	1105	2		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F785LP		1	30	1105	0		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F785LP		1	230	1105	0		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F785LP		1	1400	1105	0		1
NGC6745	19 1 41.1	40 44 57	WFC	IMAGE	ALL	F785LP		1	2300	1105	2		1
FU1083-5	19 1 43.7	-23 6 40	WFC	IMAGE	ALL	F569W		1	0	1083	2	ACQ	2
FU1083-5	19 1 43.7	-23 6 40	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
NGC6741	19 2 37.0	-0 26 58	FOC/96	IMAGE	256X256	F130M		1	480	1254	2		1
NGC6741	19 2 37.0	-0 26 58	FOC/96	IMAGE	256X256	F210M		1	480	1254	2		1
NGC6741	19 2 37.0	-0 26 58	FOC/96	IMAGE	256X256	F278M		1	480	1254	2		1
FN1082-3	19 3 4.7	-21 50 31	WFC	IMAGE	ALL	F569W		1	0	1082	2	ACQ	2
FN1082-3	19 3 4.7	-21 50 31	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	2		2
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-B31	1810	1	330	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-A42	1332	1	440	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-B20	2799	1	220	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-B22	2589	1	220	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-B22	2603	1	220	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-B28	2027	1	220	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-A36	1547	1	110	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-A36	1557	1	660	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-A37	1529	1	110	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-A45	1250	1	220	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-B25	2263	1	220	1201	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-A34	1654	1	110	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-A43	1303	1	220	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-B20	2854	1	220	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-B22	2518	1	330	1201	2		1
HD177724	19 5 24.6	13 51 48	HRS	ACCUM	0.25	ECH-B31	1818	1	330	1201	2		1
FU1083-4	19 5 25.1	-23 1 30	WFC	IMAGE	ALL	F569W		1	0	1083	2	ACQ	2
FU1083-4	19 5 25.1	-23 1 30	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	G160M	1540	1	60	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	G160M	1660	1	60	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	G160M	1810	1	60	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	G160M	1860	1	60	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	G270M	2360	1	60	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	G270M	2590	1	60	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	G270M	2800	1	60	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	G270M	2850	1	60	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	ECH-B	2370	1	180	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	ECH-B	2600	1	180	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	G160M	1160	1	180	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	G270M	2045	1	60	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	ECH-B	2325	1	180	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	ECH-A	1241	2	300	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	ECH-A	1402	1	420	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	ECH-A	1353	1	420	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	ECH-A	1391	1	420	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	ACCUM	2.0	ECH-A	1549	1	420	1165	2		1
HD177989	19 7 37.6	-18 43 46	HRS	WSCAN	2.0	G160M	1292	1	540	1165	2		1
4U1907+09	19 9 37.9	9 49 48	HSP/POL	PEAKUP	6.0	F160LP		1	60	1097	2	ACQ	1
4U1907+09	19 9 37.9	9 49 48	HSP/UV1	PEAKUP	10.0	F140LP		1	60	1097	2	ACQ	1
4U1907+09	19 9 37.9	9 49 48	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1097	2	ACQ	9
4U1907+09	19 9 37.9	9 49 48	HSP/POL	STAR-SKY	POL0	F277M		1	33	1097	2		100
4U1907+09	19 9 37.9	9 49 48	HSP/POL	STAR-SKY	POL45	F277M		1	33	1097	2		100
4U1907+09	19 9 37.9	9 49 48	HSP/POL	STAR-SKY	POL90	F277M		1	33	1097	2		100
4U1907+09	19 9 37.9	9 49 48	HSP/UV1	STAR-SKY	1.0-B	F220W		1	120	1097	2		1
4U1907+09	19 9 37.9	9 49 48	HSP/UV2	STAR-SKY	1.0-A	F145M		1	120	1097	2		1
4U1907+09	19 9 37.9	9 49 48	HSP/UV2	STAR-SKY	1.0-A	F284M		1	120	1097	2		1
4U1907+09	19 9 37.9	9 49 48	HSP/UV2	STAR-SKY	1.0-B	F184W		1	120	1097	2		1
4U1907+09	19 9 37.9	9 49 48	HSP/UV2	STAR-SKY	1.0-B	F248M		1	120	1097	2		10
4U1907+09	19 9 37.9	9 49 48	HSP/POL	STAR-SKY	POL135	F277M		1	33	1097	2		100
FN1083-6	19 10 25.7	-21 43 30	WFC	IMAGE	ALL	F569W		1	0	1083	2	ACQ	2
FN1083-6	19 10 25.7	-21 43 30	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
NGC6752-300-PA330	19 10 31.5	-59 54 36*	WFC	IMAGE	ALL	F555W		1	100	1112	0		1
NGC6752-300-PA330	19 10 31.5	-59 54 36*	WFC	IMAGE	ALL	F555W		1	300	1112	0		1
NGC6752-300-PA330	19 10 31.5	-59 54 36*	WFC	IMAGE	ALL	F555W		1	1600	1112	0		1
NGC6752-300-PA330	19 10 31.5	-59 54 36*	WFC	IMAGE	ALL	F785LP		1	100	1112	0		1
NGC6752-300-PA330	19 10 31.5	-59 54 36*	WFC	IMAGE	ALL	F785LP		1	300	1112	0		1
NGC6752-300-PA330	19 10 31.5	-59 54 36*	WFC	IMAGE	ALL	F785LP		1	1600	1112	0		1
NGC6752-105-NORTH	19 10 51.6	-59 57 9*	WFC	IMAGE	ALL	F555W		1	100	1112	0		1
NGC6752-105-NORTH	19 10 51.6	-59 57 9*	WFC	IMAGE	ALL	F555W		1	600	1112	0		1
NGC6752-105-NORTH	19 10 51.6	-59 57 9*	WFC	IMAGE	ALL	F555W		2	600	1112	0		1
NGC6752-105-NORTH	19 10 51.6	-59 57 9*	WFC	IMAGE	ALL	F785LP		1	400	1112	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC6752-105-NORTH	19 10 51.6	-59 57 9*	WFC	IMAGE	ALL	F785LP		4	400	1112	0		1
NGC6752	19 10 51.8	-59 58 54	PC	IMAGE	P6	F336W		1	20	1112	3		1
NGC6752	19 10 51.8	-59 58 54	PC	IMAGE	P6	F336W		1	100	1112	3		1
NGC6752	19 10 51.8	-59 58 54	PC	IMAGE	P6	F336W		1	800	1112	3		1
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F555W		1	3	1019	2		1
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F785LP		1	3	1019	2		1
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F555W	5479	1	100	1007	0		10
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F791W	8537	1	100	1007	0		10
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F555W	5479	1	100	1007	1		10
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F791W	8537	1	100	1007	1		10
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F555W	5479	1	100	2945	0		5
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F791W	8537	1	100	2945	0		5
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F555W	5479	1	100	2946	1		5
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F791W	8537	1	100	2946	1		5
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F555W	5479	1	100	2947	1		5
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F791W	8537	1	100	2947	1		5
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F555W	5479	1	100	2943	0		5
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F791W	8537	1	100	2943	0		5
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F555W	5479	1	26	1007	0		3
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F791W	8537	1	26	1007	0		2
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F555W	5479	1	26	2945	0		3
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F791W	8537	1	26	2945	0		2
NGC6752	19 10 51.8	-59 58 55	FOC/48	IMAGE	512X1024	F175W		1	300	1279	3		1
NGC6752	19 10 51.8	-59 58 55	FOC/96	IMAGE	512X1024	F430W		1	1500	1279	3		3
NGC6752	19 10 51.8	-59 58 55	FOC/96	IMAGE	512X1024	F480LP		1	1500	1279	3		3
NGC6752-OUTER	19 10 51.8	-59 58 55	WFC	IMAGE	ALL	F157W		1	120	1279	1	PAR	1
NGC6752-OUTER	19 10 51.8	-59 58 55	WFC	IMAGE	ALL	F555W		1	1320	1279	1	PAR	3
NGC6752-OUTER	19 10 51.8	-59 58 55	WFC	IMAGE	ALL	F785LP		1	1320	1279	1	PAR	3
FN1086-1	19 11 24.4	-21 36 25	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	3600	1086	1		1
MI-67	19 11 31.0	16 51 38	FOC/48	IMAGE	512X512	F195W		1	1019	1265	1		1
MI-67	19 11 31.0	16 51 38	FOC/48	IMAGE	512X512	F275W		1	1019	1265	1		1
MI-67	19 11 31.0	16 51 38	FOC/96	IMAGE	512X1024	F486N		1	1019	1265	1		1
MI-67	19 11 31.0	16 51 38	FOC/96	IMAGE	512X1024	F501N		1	1019	1265	1		1
NGC6752E1	19 11 31.7	-59 58 52*	PC	IMAGE	ALL	F555W	5479	1	1000	1007	0		3
NGC6752E1	19 11 31.7	-59 58 52*	PC	IMAGE	ALL	F791W	8537	1	1000	1007	0		2
NGC6752E1	19 11 31.7	-59 58 52*	PC	IMAGE	ALL	F555W	5479	1	1000	1007	1		3
NGC6752E1	19 11 31.7	-59 58 52*	PC	IMAGE	ALL	F791W	8537	1	1000	1007	1		2
NGC6752E1	19 11 31.7	-59 58 52*	PC	IMAGE	ALL	F555W	5479	1	1000	2945	0		3
NGC6752E1	19 11 31.7	-59 58 52*	PC	IMAGE	ALL	F791W	8537	1	1000	2945	0		2
NGC6752E1	19 11 31.7	-59 58 52*	PC	IMAGE	ALL	F555W	5479	1	1000	2947	1		3
NGC6752E1	19 11 31.7	-59 58 52*	PC	IMAGE	ALL	F791W	8537	1	1000	2947	1		2
SS433	19 11 49.6	4 58 58	PC	IMAGE	ALL	F648M		1	200	1138	0		1
SS433	19 11 49.6	4 58 58	PC	IMAGE	ALL	F648M		1	1000	1138	0		1
SS433	19 11 49.6	4 58 58	HSP/UV2	SINGLE	1.0	F140LP		1	600	1098	1		11
SS433	19 11 49.6	4 58 58	HSP/UV2	SINGLE	1.0	F160LP		1	600	1098	1		11
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL0	F216M		1	60	1098	1		5
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL0	F237M		1	60	1098	1		5
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL0	F277M		1	60	1098	1		72
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL0	F327M		1	60	1098	1		3
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE-	POL45	F216M		1	60	1098	1		5
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL45	F237M		1	60	1098	1		5

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL45	F277M		1	60	1098	1		72
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL45	F327M		1	60	1098	1		3
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL90	F216M		1	60	1098	1		5
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL90	F237M		1	60	1098	1		5
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL90	F277M		1	60	1098	1		72
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL90	F327M		1	60	1098	1		3
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL135	F216M		1	60	1098	1		5
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL135	F237M		1	60	1098	1		5
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL135	F277M		1	60	1098	1		72
SS433	19 11 49.6	4 58 58	HSP/POL	SINGLE	POL135	F327M		1	60	1098	1		3
SS433	19 11 49.6	4 58 57	FOC/288	IMAGE	512X512	F502M		1	300	1261	0		2
SS433	19 11 49.6	4 58 57	FOC/288	IMAGE	512X512	PRISM1		1	300	1261	0		2
SS433	19 11 49.6	4 58 57	FOC/288	IMAGE	512X512	PRISM2		1	1800	1261	0		2
SS433	19 11 49.6	4 58 57	FOC/96	IMAGE	512X512	F502M	4950	1	200	1261	1		2
SS433	19 11 49.6	4 58 57	FOC/96	IMAGE	512X512	F502M	4950	1	300	1261	1		4
SS433	19 11 49.6	4 58 57	FOC/96	IMAGE	512X512	PRISM1	4950	1	300	1261	1		4
SS433	19 11 49.6	4 58 57	FOC/96	IMAGE	512X512	PRISM2	4950	1	500	1261	1		4
SS433	19 11 49.6	4 58 57	FOC/288	IMAGE	512X512	F502M	4950	1	100	1261	0		2
SS433	19 11 49.6	4 58 57	FOC/288	IMAGE	512X512	F502M	4950	1	200	1261	0		2
SS433	19 11 49.6	4 58 57	FOC/288	IMAGE	512X512	F502M	4950	1	900	1261	0		2
V1343-AQL	19 11 49.6	4 58 58	FOS/RD	ACCUM	1.0	PRISM		1	1000	1051	0		1
V1343-AQL	19 11 49.6	4 58 58	FOS/RD	ACQ/BINA	4.3	MIRROR		1	3	1051	0	ACQ	1
V1343-AQL	19 11 49.6	4 58 58	FOC/288	OCC	512X512-F0.4	CLEAR		1	1000	1051	0		1
FU1082-3	19 12 5.0	-22 50 24	WFC	IMAGE	ALL	F569W		1	0	1082	1	ACQ	2
FU1082-3	19 12 5.0	-22 50 24	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		2
W1062	19 12 14.3	2 53 14	FGS	TRANS	ANY	F583W		1	2000	1003	0		3
W1062	19 12 14.3	2 53 14	FGS	TRANS	ANY	F583W		1	2000	1003	1		1
HD179761	19 13 42.7	2 17 37	HRS	ACCUM	0.25	ECH-B	1942	1	235	1182	2		1
PSR1913+16	19 15 28.0	16 6 27	PC	IMAGE	ALL	F606W	6751	1	900	1061	1		1
PSR1913+16	19 15 28.0	16 6 27	WFC	IMAGE	ALL	F702W		2	900	1101	1	ACQ	1
PSR1913+16	19 15 28.0	16 6 27	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	19187	1101	1		1
GL752B	19 16 58.6	5 8 56	FOS/BL	RAPID	4.3	G130H	1300	1	900	1180	1		1
GL752B	19 16 58.6	5 8 56	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1180	1	ACQ	1
VYS65-B	19 16 58.6	5 8 56	FOC/96	IMAGE	512X512	F372M		1	600	1274	0		1
VB10	19 17 28.0	5 10 27	PC	IMAGE	P6	F606W		1	40	1109	1		6
FN1082-4	19 17 35.9	-21 29 6	WFC	IMAGE	ALL	F569W		1	0	1082	1	ACQ	2
FN1082-4	19 17 35.9	-21 29 6	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		2
FN1083-4	19 17 35.9	-21 29 6	WFC	IMAGE	ALL	F569W		1	0	1083	1	ACQ	3
FN1083-4	19 17 35.9	-21 29 6	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	1		2
HD182308	19 19 46.1	64 23 27	HRS	ACCUM	0.25	ECH-A	1330	1	1255	1182	3		1
HD182308	19 19 46.1	64 23 27	HRS	ACCUM	0.25	ECH-A	1335	1	1251	1182	3		1
HD182308	19 19 46.1	64 23 27	HRS	ACCUM	0.25	ECH-A	1362	1	2080	1182	1		1
HD182308	19 19 46.1	64 23 27	HRS	ACCUM	0.25	ECH-A	1649	1	2890	1182	1		1
HD182308	19 19 46.1	64 23 27	HRS	ACCUM	0.25	ECH-B	1739	1	2020	1182	1		1
HD182308	19 19 46.1	64 23 27	HRS	ACCUM	0.25	ECH-B	1849	1	755	1182	1		1
HD182308	19 19 46.1	64 23 27	HRS	ACCUM	0.25	ECH-B	2354	1	235	1182	1		1
HD182308	19 19 46.1	64 23 27	HRS	ACCUM	0.25	ECH-B	2536	1	410	1182	1		1
HD182308	19 19 46.1	64 23 27	HRS	ACCUM	0.25	ECH-A	1378	1	1210	1182	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD182308	19 19 46.1	64 23 27	HRS	ACCUM	0.25	ECH-A	1677	1	2840	1182	3		1
HD182308	19 19 46.1	64 23 27	HRS	ACCUM	0.25	ECH-B	1942	1	694	1182	1		1
FU1083-8	19 20 9.6	-22 38 35	WFC	IMAGE	ALL	F569W		1	0	1083	3	ACQ	2
FU1083-8	19 20 9.6	-22 38 35	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	3		2
AS353A	19 20 30.9	11 1 55	PC	IMAGE	ALL	F656N		1	1000	1121	3		1
AS353A	19 20 30.9	11 1 55	PC	IMAGE	ALL	F702W		1	0	1121	3	ACQ	1
AS353A	19 20 30.9	11 1 55	PC	IMAGE	ALL-ND	F702W		1	120	1121	3		2
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G140L	1590	1	1140	1170	2		1
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G200M	2035	1	300	1170	2		1
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G140L	1315	1	840	1170	2		1
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G270M	2805	1	120	1170	2		1
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G270M	2845	1	120	1170	2		1
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G270M	2885	1	120	1170	2		1
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G200M	1923	1	300	1170	2		1
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G200M	1961	1	300	1170	2		1
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G200M	1997	1	300	1170	2		1
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G270M	2921	1	180	1170	2		1
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G270M	2961	1	180	1170	2		1
ES0141-G55	19 21 14.3	-58 40 13	HRS	ACCUM	2.0	G270M	3001	1	240	1170	2		1
FN1083-8	19 23 14.6	-21 22 30	WFC	IMAGE	ALL	F569W		1	0	1083	3	ACQ	2
FN1083-8	19 23 14.6	-21 22 30	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	3		2
S118	19 23 30.1	-22 2 39	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	10800	1081	0	CON SEL	1
INCA221-126-AST1	19 24 10.9	-29 7 28	FGS	POS	2	F550W		1	0	1475	0	CON PAR	1
INCA221-126-AST1	19 24 10.9	-29 7 28	FGS	POS	2	F550W		1	0	1475	2	CON PAR	1
INCA221-126-AST1	19 24 10.9	-29 7 28	FGS	POS	2	F550W		1	16	1475	0	CON PAR	1
INCA221-126-AST1	19 24 10.9	-29 7 28	FGS	POS	2	F550W		1	16	1475	2	CON PAR	1
INCA221-126-AST2	19 24 31.4	-29 8 1	FGS	POS	2	F550W		1	0	1475	0	CON PAR	1
INCA221-126-AST2	19 24 31.4	-29 8 1	FGS	POS	2	F550W		1	0	1475	2	CON PAR	1
CH-CYG	19 24 33.1	50 14 29	FOC/96	IMAGE	512X512	F278M		1	600	1253	1		1
CH-CYG	19 24 33.1	50 14 29	FOC/96	IMAGE	512X512	F501N		1	600	1253	1		1
POINT1928+738INCA221-128	19 24 36.3	73 58 58	S/C	POINTING	V1			1	0	1571	0		1
POINT1928+738INCA221-128	19 24 36.3	73 58 58	S/C	POINTING	V1			1	0	1571	2		1
1921-293INCA221-126	19 24 51.1	-29 14 31	FGS	POS	2	F583W		1	51	1571	2		6
1921-293INCA221-126	19 24 51.1	-29 14 31	PC	IMAGE	P8	F606W		1	16	1475	0	CON	1
1921-293INCA221-126	19 24 51.1	-29 14 31	PC	IMAGE	P8	F606W		1	16	1475	2	CON	1
1921-293INCA221-126	19 24 51.1	-29 14 31	PC	IMAGE	P8	F725LP		1	30	1475	0	CON	1
1921-293INCA221-126	19 24 51.1	-29 14 31	PC	IMAGE	P8	F725LP		1	30	1475	2	CON	1
INCA221-126	19 25 4.1	-29 18 30	FGS	POS	2	F5ND		1	51	1571	2		4
INCA221-126	19 25 4.1	-29 18 30	PC	IMAGE	P8	F658N		1	0	1475	0	CON	1
INCA221-126	19 25 4.1	-29 18 30	PC	IMAGE	P8	F658N		1	0	1475	2	CON	1
POINT1921-293INCA221-126	19 25 51.9	-29 14 24	S/C	POINTING	V1			1	0	1571	2		2
INCA221-128	19 26 40.9	74 5 50	FGS	POS	2	F583W		1	51	1571	0		3
INCA221-128	19 26 40.9	74 5 50	FGS	POS	2	F583W		1	51	1571	2		2
S120	19 27 18.1	-22 0 0	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	7739	1081	0	CON SEL	1
FN1082-7	19 27 43.9	-21 12 54	WFC	IMAGE	ALL	F569W		1	0	1082	2	ACQ	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FN1082-7	19 27 43.9	-21 12 54	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	2		2
FN1083-7	19 27 43.9	-21 12 54	WFC	IMAGE	ALL	F569W		1	0	1083	2	ACQ	3
FN1083-7	19 27 43.9	-21 12 54	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
1928+738INCA221-128	19 27 48.5	73 58 1	FGS	POS	2	F583W		1	51	1571	0		4
1928+738INCA221-128	19 27 48.5	73 58 1	FGS	POS	2	F583W		1	51	1571	2		3
4C73.18	19 27 48.6	73 58 2	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
4C73.18	19 27 48.6	73 58 2	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	2
4C73.18	19 27 48.6	73 58 2	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
4C73.18	19 27 48.6	73 58 2	FOS/BL	ACCUM	1.0	G160L	1837	1	120	1025	2		1
4C73.18	19 27 48.6	73 58 2	FOS/RD	ACCUM	1.0	G190H	1980	1	720	1025	2		1
FU1082-6	19 31 32.5	-22 15 22	WFC	IMAGE	ALL	F569W		1	0	1082	2	ACQ	2
FU1082-6	19 31 32.5	-22 15 22	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	2		2
HD185395	19 36 26.5	50 13 16	HRS	ACCUM	0.25	ECH-B	2497	2	2700	1064	3		1
HD185395	19 36 26.5	50 13 16	HRS	ACCUM	0.25	G270M	2497	2	360	1064	3		1
PKS1934-63	19 39 24.9	-63 42 46	FOC/96	IMAGE	512X512	F210M	2140	1	400	1227	2		1
PKS1934-63	19 39 24.9	-63 42 46	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	700	1227	2		1
PSR1937+21	19 39 38.6	21 34 59	WFC	IMAGE	ALL	F702W		2	900	1101	1	ACQ	1
PSR1937+21	19 39 38.6	21 34 59	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	19187	1101	1		1
NGC6809	19 39 59.4	-30 57 44	PC	IMAGE	ALL	F555W		1	5	1019	2		1
NGC6809	19 39 59.4	-30 57 44	PC	IMAGE	ALL	F785LP		1	5	1019	2		1
3C402	19 41 42.1	50 37 56	FOS/RD	ACCUM	0.5	PRISM	5400	1	500	1033	2	CON	1
3C402	19 41 42.1	50 37 56	FOC/96	IMAGE	512X512	F370LP	4040	1	300	1033	0		1
3C402	19 41 42.1	50 37 56	FOC/96	IMAGE	512X512	F320W	3251	1	300	1033	0		1
3C402-FIELD	19 41 42.1	50 37 56	WFC	IMAGE	ALL	F439W	4353	1	15	1033	2	ACQ CON	1
3C402-OFFSET	19 41 42.1	50 37 56*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1033	2	ACQ CON	1
3C402N	19 41 42.1	50 37 57	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C402N	19 41 42.1	50 37 57	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
3C402N	19 41 42.1	50 37 57	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C402N	19 41 42.1	50 37 57	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
HM-SGE	19 41 57.1	16 44 40	FOC/96	IMAGE	512X512	F278M		1	600	1253	2		1
HM-SGE	19 41 57.1	16 44 40	FOC/96	IMAGE	512X512	F501N		1	600	1253	2		1
NGC6814-OFFSET-STARS-FIELD	19 42 39.9	-10 19 1*	WFC	IMAGE	ALL	F606W		1	15	1036	0	ACQ	1
NGC6814	19 42 40.6	-10 19 25	PC	IMAGE	ALL	F194W		1	900	1036	0	ACQ	1
NGC6814	19 42 40.6	-10 19 25	PC	IMAGE	ALL	F375N		1	900	1036	0	ACQ	1
NGC6814	19 42 40.6	-10 19 25	PC	IMAGE	ALL	F502N		1	900	1036	0	ACQ	1
NGC6814	19 42 40.6	-10 19 25	PC	IMAGE	ALL	F664N		3	300	1036	0	ACQ	1
NGC6814	19 42 40.6	-10 19 25	PC	IMAGE	ALL	F230W		1	720	1036	0	ACQ	1
NGC6814	19 42 40.6	-10 19 25	PC	IMAGE	ALL	F547M		1	180	1036	0	ACQ	1
NGC6814	19 42 40.6	-10 19 25	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC6814	19 42 40.6	-10 19 25	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC6814	19 42 40.6	-10 19 25	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC6814	19 42 40.6	-10 19 25	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	CON SEL	1
NGC6814	19 42 40.6	-10 19 25	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	CON SEL	1
NGC6814	19 42 40.6	-10 19 25	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ CON SEL	2
NGC6814	19 42 40.6	-10 19 25	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ CON SEL	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC6814-CLOUD1	19 42 40.6	-10 19 25*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	SEL	1
NGC6814-CLOUD1	19 42 40.6	-10 19 25*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	SEL	1
NGC6814-CLOUD1	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC6814-CLOUD1	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC6814-CLOUD1	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC6814-CLOUD2	19 42 40.6	-10 19 25*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	SEL	1
NGC6814-CLOUD2	19 42 40.6	-10 19 25*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	SEL	1
NGC6814-CLOUD2	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC6814-CLOUD2	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC6814-CLOUD2	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC6814-CLOUD3	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G270H		1	300	1036	2	SEL	1
NGC6814-CLOUD3	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G400H		1	300	1036	2	SEL	1
NGC6814-CLOUD3	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G570H		1	300	1036	2	SEL	1
NGC6814-CLOUD3	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC6814-CLOUD3	19 42 40.6	-10 19 25*	FOS/BL	ACCUM	0.3	G130H		1	600	1036	2	CON SEL	1
NGC6814-CLOUD3	19 42 40.6	-10 19 25*	FOS/BL	ACCUM	0.3	G190H		1	300	1036	2	CON SEL	1
NGC6814-CLOUD4	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC6814-CLOUD5	19 42 40.6	-10 19 25*	FOS/RD	ACCUM	0.3	G570H		1	600	1036	2	SEL	1
NGC6814-OFFSET-STAR	19 42 40.6	-10 19 25*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	2
NGC6814-OFFSET-STAR	19 42 40.6	-10 19 25*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1036	2	ACQ SEL	1
NGC6826	19 43 27.2	50 24 11	PC	IMAGE	ALL	F157W		1	120	1212	2		1
NGC6826	19 43 27.2	50 24 11	PC	IMAGE	ALL	F194W		1	120	1212	2		1
NGC6826	19 43 27.2	50 24 11	PC	IMAGE	ALL	F517N		1	120	1212	2		1
NGC6826	19 43 27.2	50 24 11	HRS	ACCUM	2.0	G140L	1420	1	72	1212	2		1
NGC6826	19 43 27.2	50 24 11	HRS	ACCUM	2.0	G140L	1250	1	36	1212	2		1
NGC6826	19 43 27.2	50 24 11	HRS	ACCUM	2.0	G140L	1670	1	216	1212	2		1
NGC6822-1	19 45 5.2	-14 43 18	WFC	IMAGE	ALL	F284W		1	300	1073	1		1
NGC6822-1	19 45 5.2	-14 43 18	WFC	IMAGE	ALL	F375N		1	900	1073	1		1
NGC6822-1	19 45 5.2	-14 43 18	WFC	IMAGE	ALL	F656N		1	300	1073	1		1
NGC6822-1	19 45 5.2	-14 43 18	WFC	IMAGE	ALL	F487N		1	240	1073	1		1
NGC6822-1	19 45 5.2	-14 43 18	WFC	IMAGE	ALL	F487N		1	1200	1073	1		1
NGC6822-1	19 45 5.2	-14 43 18	WFC	IMAGE	ALL	F502N		1	420	1073	1		1
NGC6822-1	19 45 5.2	-14 43 18	WFC	IMAGE	ALL	F547M		1	240	1073	1		1
CK-VUL	19 46 16.9	27 13 43	FOC/96	IMAGE	512X512	F486N		1	1200	1253	2		1
CK-VUL	19 46 16.9	27 13 43	FOC/96	IMAGE	512X512	F501N		1	1200	1253	2		1
CI-CYG	19 50 11.9	35 41 3	HRS	ACCUM	0.25	G160M	1400	1	900	1198	0		1
CI-CYG	19 50 11.9	35 41 3	HRS	ACCUM	0.25	G160M	1240	1	762	1198	0		1
CI-CYG	19 50 11.9	35 41 3	HRS	ACCUM	0.25	G160M	1550	1	84	1198	0		1
CI-CYG	19 50 11.9	35 41 3	HRS	ACCUM	0.25	G200M	1900	1	55	1198	0		1
CI-CYG	19 50 11.9	35 41 3	HRS	ACCUM	0.25	G270M	2790	1	246	1198	0		1
CI-CYG	19 50 11.9	35 41 3	HRS	ACCUM	0.25	G160M	1485	1	468	1198	0		1
CI-CYG	19 50 11.9	35 41 3	HRS	ACCUM	0.25	G270M	2830	1	136	1198	0		1
CI-CYG	19 50 11.9	35 41 3	HRS	ACCUM	0.25	G200M	1653	1	217	1198	0		1
CTB-80	19 52 58.3	32 52 41	PC	IMAGE	ALL	F702W		1	1800	1098	2	ACQ	1
CTB-80	19 52 58.3	32 52 41	HSP/VIS	SINGLE	0.4	F160LP		1	1200	1098	2	CON	2
CTB-80	19 52 58.3	32 52 41	FOS/RD	ACCUM	0.3	G650L	6000	1	1800	1098	2	CON	1
PSR1953+29	19 55 27.9	29 8 44	WFC	IMAGE	ALL	F702W		2	900	1101	1	ACQ	1
PSR1953+29	19 55 27.9	29 8 44	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	19187	1101	1		1
V1016CYG	19 57 5.0	39 49 36	FOC/96	IMAGE	512X512	F278M		1	600	1253	1		1
V1016CYG	19 57 5.0	39 49 36	FOC/96	IMAGE	512X512	F501N		1	600	1253	1		1
CYG-XR-1	19 58 21.6	35 12 6	HSP/UV2	SINGLE	1.0	F140LP		3	600	1094	0		3

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HDE226868	19 58 21.6	35 12 6	HSP/UV1	SINGLE	1.0	F220W		1	20	1097	1		1
HDE226868	19 58 21.6	35 12 6	HSP/UV2	SINGLE	1.0	F145M		1	20	1097	1		1
HDE226868	19 58 21.6	35 12 6	HSP/UV2	SINGLE	1.0	F184W		1	20	1097	1		1
HDE226868	19 58 21.6	35 12 6	HSP/UV2	SINGLE	1.0	F248M		1	20	1097	1		10
HDE226868	19 58 21.6	35 12 6	HSP/UV2	SINGLE	1.0	F284M		1	20	1097	1		1
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL0	F216M		1	30	1097	1		4
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL0	F237M		1	30	1097	1		4
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL0	F277M		1	30	1097	1		40
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL0	F327M		1	30	1097	1		4
HDE226868	19 58 21.6	35 12 6	HSP/UV1	PEAKUP	10.0	F140LP		1	60	1097	1	ACQ	1
HDE226868	19 58 21.6	35 12 6	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1097	1	ACQ	10
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL45	F216M		1	30	1097	1		4
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL45	F237M		1	30	1097	1		4
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL45	F277M		1	30	1097	1		40
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL45	F327M		1	30	1097	1		4
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL90	F216M		1	30	1097	1		4
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL90	F237M		1	30	1097	1		4
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL90	F277M		1	30	1097	1		40
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL90	F327M		1	30	1097	1		4
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL135	F216M		1	30	1097	1		4
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL135	F237M		1	30	1097	1		4
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL135	F277M		1	30	1097	1		40
HDE226868	19 58 21.6	35 12 6	HSP/POL	SINGLE	POL135	F327M		1	30	1097	1		4
3C405	19 59 28.3	40 44 1	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	2		1
3C405	19 59 28.3	40 44 1	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	500	1227	2		1
CYGNUS-A	19 59 28.4	40 44 1	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
CYGNUS-A	19 59 28.4	40 44 1	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
CYGNUS-A	19 59 28.4	40 44 1	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
CYGNUS-A	19 59 28.4	40 44 1	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
CYGNUS-A	19 59 28.4	40 44 1	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F555W		1	30	1105	1		1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F675W		1	30	1105	1		1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F555W		1	230	1105	1		1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F555W		1	1400	1105	1		1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F555W		1	2300	1105	1		1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F675W		1	230	1105	1		1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F675W		1	1400	1105	1		1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F675W		1	2300	1105	1		1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F785LP		1	30	1105	1		1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F785LP		1	230	1105	1		1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F785LP		1	1400	1105	1		1
3C405	19 59 28.4	40 44 1	WFC	IMAGE	ALL	F785LP		1	2300	1105	1		1
NGC6853	19 59 32.5	22 43 11	WFC	IMAGE	ALL	F469N		1	2100	1107	0		1
NGC6853	19 59 32.5	22 43 11	WFC	IMAGE	ALL	F656N		1	2100	1107	0		1
NGC6853	19 59 32.5	22 43 11	WFC	IMAGE	ALL	F658N		1	2100	1107	0		1
NGC6853	19 59 32.5	22 43 11	WFC	IMAGE	ALL	F656N		1	2100	1107	3		1
3C405	19 59 32.9	40 43 40	PC	IMAGE	ALL	F606W		1	1200	1058	2		1
NGC6853	19 59 41.6	22 43 22	FGS	POS	2	F550W		1	52	1000	0		8
NGC6853	19 59 41.6	22 43 22	FGS	POS	2	F550W		1	52	1000	1		20
NGC6853	19 59 41.6	22 43 22	FGS	POS	2	F550W		1	52	1000	2		20
NGC6853	19 59 41.6	22 43 22	FGS	POS	2	F550W		1	52	2930	0		8
NGC6853	19 59 41.6	22 43 22	FGS	POS	2	F550W		1	52	2930	1		20

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC6853	19 59 41.6	22 43 22	FGS	POS	2	F550W		1	52	2930	2		20
NGC6853	19 59 41.6	22 43 22	FGS	TRANS	ANY	F583W		1	100	1000	0		1
NGC6853	19 59 41.6	22 43 22	FGS	TRANS	ANY	F583W		1	100	2930	0		1
2000-330	20 3 24.1	-32 51 46	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
PKS2000-330	20 3 24.3	-32 51 44	WFC	IMAGE	ALL	F606W		1	3000	1045	0	ACQ	1
PKS2000-330	20 3 24.3	-32 51 44	FOS/RD	ACQ/BINA	4.3	MIRROR		1	26	1045	1	ACQ CON SEL	1
PKS2000-330	20 3 24.3	-32 51 44	FOS/RD	ACQ/BINA	4.3	MIRROR		1	26	1045	2	ACQ CON SEL	3
HD190229	20 3 30.0	16 1 52	HRS	ACCUM	0.25	ECH-A	1362	1	516	1182	2		1
HD190229	20 3 30.0	16 1 52	HRS	ACCUM	0.25	ECH-B	1942	1	281	1182	2		1
RR-TEL	20 4 18.5	-55 43 34	FOC/96	IMAGE	512X512	F278M		1	600	1253	2		1
RR-TEL	20 4 18.5	-55 43 34	FOC/96	IMAGE	512X512	F501N		1	600	1253	2		1
HD191046	20 6 29.1	36 13 41	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	500	1228	0	CAL	1
INCA221-131	20 8 57.7	-49 4 41	FGS	POS	2	F550W		1	51	1571	2		4
INCA221-131	20 8 57.7	-49 4 41	FGS	POS	2	F550W		1	51	1571	3		2
2005-489INCA221-131	20 9 25.4	-48 49 53	FGS	POS	2	F550W		1	51	1571	2		6
2005-489INCA221-131	20 9 25.4	-48 49 53	FGS	POS	2	F550W		1	51	1571	3		3
NGC6868	20 9 54.8	-48 22 33	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC6868	20 9 54.8	-48 22 33	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
NGC6868	20 9 54.8	-48 22 33	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC6868	20 9 54.8	-48 22 33	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC6868	20 9 54.8	-48 22 33	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
POINT2005-489INCA221-131	20 10 12.8	-49 0 2	S/C	POINTING	V1			1	0	1571	2		2
POINT2005-489INCA221-131	20 10 12.8	-49 0 2	S/C	POINTING	V1			1	0	1571	3		1
GD229	20 12 22.3	31 13 49	FOS/BL	ACCUM	0.5	G190H	1900	1	300	1049	2		1
GD229	20 12 22.3	31 13 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1049	2	ACQ	1
GD229	20 12 22.3	31 13 49	FOS/RD	ACQ/BINA	4.3	MIRROR		1	2	1049	2	ACQ	1
GD229	20 12 22.3	31 13 49	FOS/BL	ACCUM	0.5	G130H	1379	1	1200	1049	2		1
GD229	20 12 22.3	31 13 49	FOS/RD	ACCUM	0.5	G270H	2766	1	1440	1049	2		2
HD192281	20 12 33.2	40 16 6	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
NGC6886	20 12 43.0	19 58 37	FOC/96	IMAGE	256X256	F130M		1	480	1254	2		1
NGC6886	20 12 43.0	19 58 37	FOC/96	IMAGE	256X256	F210M		1	480	1254	2		1
NGC6886	20 12 43.0	19 58 37	FOC/96	IMAGE	256X256	F278M		1	480	1254	2		1
POINT-CP9.2	20 14 7.4	-30 6 34	S/C	POINTING	V1			1	0	1014	2	CON	1
POINT-CP9.1	20 15 53.7	-30 4 46	S/C	POINTING	V1			1	0	1014	2		1
HD193237	20 17 47.2	38 1 59	HSP/UV2	PRISM	1.0	F262M/F145M		1	1800	1095	1		2
POINT-CP10.2	20 18 2.6	-28 42 40	S/C	POINTING	V1			1	0	1014	2	CON	1
Q2016+112	20 19 18.1	11 27 14	FOC/96	IMAGE	512X512	F480LP		1	1800	1059	2	CON	1
MG2016+112	20 19 18.2	11 27 15	WFC	IMAGE	ALL	F555W		1	2000	1116	2	CON	1
MG2016+112	20 19 18.2	11 27 15	WFC	IMAGE	ALL	F555W		1	250	1116	2	CON	1
MG2016+112	20 19 18.2	11 27 15	WFC	IMAGE	ALL	F725LP		1	2000	1116	1		1
MG2016+112	20 19 18.2	11 27 15	WFC	IMAGE	ALL	F725LP		1	250	1116	1		1
POINT-CP10.1	20 19 45.6	-28 36 8	S/C	POINTING	V1			1	0	1014	2		1
2016-527	20 19 59.7	-52 37 19	FOC/96	IMAGE	512X512	F130M		1	600	1244	2		1
2016-527	20 19 59.7	-52 37 19	FOC/96	IMAGE	512X512	F342W		1	300	1244	2		1
2016-527	20 19 59.7	-52 37 19	FOC/96	IMAGE	512X512	F430W		1	300	1244	2		1
2016-527	20 19 59.7	-52 37 19	FOC/96	IMAGE	512X512	F502M		1	600	1244	2		1
S135	20 20 5.5	-20 3 33	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	7200	1081	0	CON SEL	1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
V-SGE	20 20 14.7	21 6 9	HRS	ACCUM	0.25	G140L	1280	1	30	1174	1		1
V-SGE	20 20 14.7	21 6 9	HRS	ACCUM	0.25	G140L	1280	1	60	1174	1		1
V-SGE	20 20 14.7	21 6 9	HRS	ACCUM	0.25	G160M	1400	1	300	1174	2		1
V-SGE	20 20 14.7	21 6 9	HRS	ACCUM	0.25	G160M	1440	1	300	1174	2		1
V-SGE	20 20 14.7	21 6 9	HRS	ACCUM	0.25	G160M	1240	1	300	1174	2		2
V-SGE	20 20 14.7	21 6 9	HRS	ACCUM	0.25	G160M	1550	1	300	1174	2		2
V-SGE	20 20 14.7	21 6 9	HRS	ACCUM	0.25	G160M	1640	1	300	1174	2		2
V-SGE	20 20 14.7	21 6 9	HRS	ACCUM	0.25	G140L	1555	1	30	1174	1		1
V-SGE	20 20 14.7	21 6 9	HRS	ACCUM	0.25	G140L	1555	1	60	1174	1		1
V-SGE	20 20 14.7	21 6 9	HRS	ACCUM	0.25	G270M	2511	1	270	1174	2		2
HD193432	20 20 39.8	-12 45 33	HRS	WSCAN	0.25	G270M	2535	1	1181	1182	2		1
HD193432	20 20 39.8	-12 45 33	HRS	ACCUM	0.25	ECH-A	1362	1	540	1182	2		1
HD193432	20 20 39.8	-12 45 33	HRS	ACCUM	0.25	ECH-B	1942	1	368	1182	2		1
HD193432	20 20 39.8	-12 45 33	HRS	ACCUM	0.25	ECH-B	1739	1	402	1182	2		1
HD193432	20 20 39.8	-12 45 33	HRS	ACCUM	0.25	ECH-B	1783	1	272	1182	2		1
HD193432	20 20 39.8	-12 45 33	HRS	ACCUM	0.25	ECH-B	1801	1	250	1182	2		1
HD193432	20 20 39.8	-12 45 33	HRS	ACCUM	0.25	ECH-B	2082	1	125	1182	2		1
HD193432	20 20 39.8	-12 45 33	HRS	ACCUM	0.25	G160M	1268	1	358	1182	2		1
HD193432	20 20 39.8	-12 45 33	HRS	ACCUM	0.25	G270M	3131	1	118	1182	2		1
HD193432	20 20 39.8	-12 45 33	HRS	WSCAN	0.25	G160M	1499	1	1420	1182	2		1
HD193432	20 20 39.8	-12 45 33	HRS	WSCAN	0.25	G200M	1859	1	545	1182	2		1
HD193452	20 20 46.5	-14 47 6	HRS	ACCUM	0.25	G160M	1268	1	845	1182	0		1
HD193452	20 20 46.5	-14 47 6	HRS	ACCUM	0.25	G270M	3131	1	305	1182	0		1
HD193452	20 20 46.5	-14 47 6	HRS	ACCUM	0.25	ECH-B	1942	1	661	1182	2		1
HD193452	20 20 46.5	-14 47 6	HRS	ACCUM	0.25	ECH-B	2082	1	298	1182	2		1
HD193452	20 20 46.5	-14 47 6	HRS	WSCAN	0.25	G160M	1500	1	5340	1182	0		1
HD193452	20 20 46.5	-14 47 6	HRS	WSCAN	0.25	G270M	2532	1	2840	1182	0		1
HD193452	20 20 46.5	-14 47 6	HRS	ACCUM	0.25	ECH-A	1362	1	1839	1182	2		1
HD193452	20 20 46.5	-14 47 6	HRS	WSCAN	0.25	G200M	1858	1	1525	1182	0		1
HD193452	20 20 46.5	-14 47 6	HRS	ACCUM	0.25	ECH-B	1783	1	889	1182	2		1
HD193452	20 20 46.5	-14 47 6	HRS	ACCUM	0.25	ECH-B	1801	1	725	1182	2		1
2020-370	20 23 46.3	-36 55 22	FOS/RD	ACCUM	1.0	G270H		1	3000	1267	1		1
2020-370	20 23 46.3	-36 55 22	FOS/BL	ACCUM	1.0-PAIR	G130H		1	3000	1267	2		1
2020-370	20 23 46.3	-36 55 22	FOS/RD	ACQ/BINA	1.0	MIRROR		1	2	1267	1	ACQ	1
S133	20 25 45.9	-19 42 35	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	7200	1081	0	CON SEL	1
S106/IRS3	20 27 26.8	37 22 50	PC	IMAGE	ALL	F656N		2	700	1138	2		1
S106/IRS3	20 27 26.8	37 22 50	PC	IMAGE	ALL	F702W		4	120	1138	2		1
S106/IRS3	20 27 26.8	37 22 50	PC	IMAGE	ALL	F850LP		2	100	1138	2		1
W1346	20 34 20.6	25 3 39	HRS	ACCUM	0.25	G160M	1300	1	500	1173	1		1
W1346	20 34 20.6	25 3 39	HRS	ACCUM	0.25	G270M	2800	1	140	1173	1		1
W1346	20 34 20.6	25 3 39	HRS	ACCUM	0.25	G160M	1335	1	500	1173	1		1
W1346	20 34 20.6	25 3 39	HRS	ACCUM	0.25	G160M	1253	1	880	1173	1		1
S129	20 34 37.8	-19 0 23	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	11760	1081	0	CON SEL	1
NGC6946-3	20 34 52.5	60 12 45	WFC	IMAGE	ALL	F284W		1	300	1073	2		1
NGC6946-3	20 34 52.5	60 12 45	WFC	IMAGE	ALL	F487N		1	600	1073	2		1
NGC6946-3	20 34 52.5	60 12 45	WFC	IMAGE	ALL	F487N		1	3000	1073	2		1
NGC6946-3	20 34 52.5	60 12 45	WFC	IMAGE	ALL	F547M		1	600	1073	2		1
NGC6946-3	20 34 52.5	60 12 45	WFC	IMAGE	ALL	F375N		1	2400	1073	2		1
NGC6946-3	20 34 52.5	60 12 45	WFC	IMAGE	ALL	F656N		1	360	1073	2		1
NGC6946-3	20 34 52.5	60 12 45	WFC	IMAGE	ALL	F502N		1	1019	1073	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD194012	20 34 52.9	14 33 47	HRS	ACCUM	0.25	G270M	2497	2	420	1064	3	CON SEL	1
3C418	20 38 36.9	51 19 12	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C418	20 38 36.9	51 19 12	FOC/96	IMAGE	512X512	F346M		1	600	1228	2		1
3C418	20 38 36.9	51 19 12	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
3C418	20 38 36.9	51 19 12	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C418	20 38 36.9	51 19 12	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
AE-AQR	20 40 8.9	-0 52 17	HSP/UV1	PRISM	1.0	F248M/F135W		2	10800	1090	1		1
HR-DEL	20 42 20.4	19 9 39	FOC/96	IMAGE	512X512	F501N		1	1200	1253	1		1
HR-DEL	20 42 20.4	19 9 39	FOC/288	IMAGE	512X512	F501N		1	1200	1253	2		1
HR-DEL	20 42 20.4	19 9 39	WFC	IMAGE	ALL	F492M		1	300	1149	1		1
HR-DEL	20 42 20.4	19 9 39	HRS	ACCUM	2.0	G160M	1545	1	240	1149	1		5
HD197157	20 44 2.2	-51 55 16	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD197157	20 44 2.2	-51 55 16	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD197157	20 44 2.2	-51 55 16	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD197157	20 44 2.2	-51 55 16	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD197157	20 44 2.2	-51 55 16	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD197157	20 44 2.2	-51 55 16	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD197157	20 44 2.2	-51 55 16	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
HD197157	20 44 2.2	-51 55 16	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
MKN509	20 44 9.7	-10 43 24	HRS	ACCUM	2.0	G270M	2590	1	300	1165	1		1
MKN509	20 44 9.7	-10 43 24	HRS	ACCUM	2.0	G270M	2800	1	300	1165	1		1
MKN509	20 44 9.7	-10 43 24	HRS	ACCUM	2.0	G160M	1250	4	300	1165	1		1
MKN509	20 44 9.7	-10 43 24	HRS	ACCUM	2.0	G160M	1540	4	300	1165	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G200M	1920	1	300	1170	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G140L	1590	1	1560	1170	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G140L	1315	1	1200	1170	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G200M	1958	1	300	1170	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G200M	1994	1	300	1170	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G200M	2032	1	300	1170	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G270M	2918	1	180	1170	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G270M	2958	1	180	1170	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G270M	2998	1	180	1170	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G270M	2802	1	120	1170	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G270M	2842	1	120	1170	1		1
MRK509	20 44 9.8	-10 43 25	HRS	ACCUM	2.0	G270M	2882	1	120	1170	1		1
AU-MIC	20 45 9.4	-31 20 27	HRS	RAPID	2.0	G160M	1360	1	1800	1158	0		7
AU-MIC	20 45 9.4	-31 20 27	HRS	ACCUM	2.0	G200M	1900	1	1055	1176	1		1
AU-MIC	20 45 9.4	-31 20 27	HRS	ACCUM	2.0	G140L	1304	1	600	1176	1		1
AU-MIC	20 45 9.4	-31 20 27	HRS	ACCUM	2.0	G140L	1574	1	600	1176	1		1
HD199140	20 54 22.8	28 30 48	HSP/VIS	SINGLE	1.0	F551W		1	60	1102	1		11
HD199140	20 54 22.8	28 30 48	HSP/POL	SINGLE	POL0	F216M		1	60	1102	1		11
HD199140	20 54 22.8	28 30 48	HSP/POL	SINGLE	POL0	F327M		1	60	1102	1		11
HD199140	20 54 22.8	28 30 48	HSP/POL	SINGLE	POL45	F216M		1	60	1102	1		11
HD199140	20 54 22.8	28 30 48	HSP/POL	SINGLE	POL45	F327M		1	60	1102	1		11
HD199140	20 54 22.8	28 30 48	HSP/POL	SINGLE	POL90	F216M		1	60	1102	1		11
HD199140	20 54 22.8	28 30 48	HSP/POL	SINGLE	POL90	F327M		1	60	1102	1		11
HD199140	20 54 22.8	28 30 48	HSP/POL	SINGLE	POL135	F216M		1	60	1102	1		11
HD199140	20 54 22.8	28 30 48	HSP/POL	SINGLE	POL135	F327M		1	60	1102	1		11
AC103-132	20 56 43.4	-64 40 14	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-113	20 56 47.3	-64 40 56	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-318/134	20 56 52.0	-64 39 3	FOC/48	IMAGE	512X512	F175W		1	400	1249	2		1
AC103-318/134	20 56 52.0	-64 39 3	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
AC103-318/134	20 56 52.0	-64 39 3	FOC/48	IMAGE	512X512	F275W		1	300	1249	2		1
AC103-318/134	20 56 52.0	-64 39 3	FOC/48	IMAGE	512X512	F430W		1	100	1249	2		1
AC103-318/134	20 56 52.0	-64 39 3	FOC/48	IMAGE	512X512	F342W		1	230	1249	2		1
NGC6995	20 56 54.9	31 7 37	WFC	IMAGE	ALL	F569W		1	300	1138	0		1
NGC6995	20 56 54.9	31 7 37	WFC	IMAGE	ALL	F375N		1	2300	1138	0		1
NGC6995	20 56 54.9	31 7 37	WFC	IMAGE	ALL	F502N		1	2300	1138	0		1
NGC6995	20 56 54.9	31 7 37	WFC	IMAGE	ALL	F631N		1	2300	1138	0		1
NGC6995	20 56 54.9	31 7 37	WFC	IMAGE	ALL	F656N		1	2300	1138	0		1
AC103-341	20 56 55.2	-64 40 11	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-29	20 56 59.7	-64 39 52	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-2/17	20 56 59.9	-64 40 24	FOC/48	IMAGE	512X512	F175W		1	400	1249	2		1
AC103-2/17	20 56 59.9	-64 40 24	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-2/17	20 56 59.9	-64 40 24	FOC/48	IMAGE	512X512	F275W		1	300	1249	2		1
AC103-2/17	20 56 59.9	-64 40 24	FOC/48	IMAGE	512X512	F430W		1	100	1249	2		1
AC103-2/17	20 56 59.9	-64 40 24	FOC/48	IMAGE	512X512	F342W		1	230	1249	2		1
AC103-4	20 57 1.1	-64 39 45	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-145	20 57 4.5	-64 40 11	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-265	20 57 5.3	-64 39 44	FOC/48	IMAGE	512X512	F175W		1	400	1249	2		1
AC103-265	20 57 5.3	-64 39 44	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-265	20 57 5.3	-64 39 44	FOC/48	IMAGE	512X512	F275W		1	300	1249	2		1
AC103-265	20 57 5.3	-64 39 44	FOC/48	IMAGE	512X512	F430W		1	100	1249	2		1
AC103-265	20 57 5.3	-64 39 44	FOC/48	IMAGE	512X512	F342W		1	230	1249	2		1
AC103-11	20 57 7.1	-64 38 29	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-334	20 57 11.4	-64 39 48	FOC/48	IMAGE	512X512	F175W		1	400	1249	2		1
AC103-334	20 57 11.4	-64 39 48	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-334	20 57 11.4	-64 39 48	FOC/48	IMAGE	512X512	F275W		1	300	1249	2		1
AC103-334	20 57 11.4	-64 39 48	FOC/48	IMAGE	512X512	F430W		1	100	1249	2		1
AC103-334	20 57 11.4	-64 39 48	FOC/48	IMAGE	512X512	F342W		1	230	1249	2		1
AC103-106	20 57 17.2	-64 40 4	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-430	20 57 17.8	-64 39 41	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-36/39	20 57 17.9	-64 38 25	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-101	20 57 18.0	-64 38 48	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-280	20 57 18.8	-64 38 19	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-13	20 57 20.5	-64 42 26	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-88	20 57 26.2	-64 42 11	FOC/48	IMAGE	512X512	F175W		1	400	1249	2		1
AC103-88	20 57 26.2	-64 42 11	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-88	20 57 26.2	-64 42 11	FOC/48	IMAGE	512X512	F275W		1	300	1249	2		1
AC103-88	20 57 26.2	-64 42 11	FOC/48	IMAGE	512X512	F430W		1	100	1249	2		1
AC103-88	20 57 26.2	-64 42 11	FOC/48	IMAGE	512X512	F342W		1	230	1249	2		1
AC103-68	20 57 29.4	-64 38 17	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-3	20 57 29.7	-64 37 19	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-144	20 57 33.8	-64 39 17	FOC/48	IMAGE	512X512	F175W		1	400	1249	2		1
AC103-144	20 57 33.8	-64 39 17	FOC/48	IMAGE	512X512	F220W		1	1000	1249	2		1
AC103-144	20 57 33.8	-64 39 17	FOC/48	IMAGE	512X512	F275W		1	300	1249	2		1
AC103-144	20 57 33.8	-64 39 17	FOC/48	IMAGE	512X512	F430W		1	100	1249	2		1
AC103-144	20 57 33.8	-64 39 17	FOC/48	IMAGE	512X512	F342W		1	230	1249	2		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-A	1240	1	62	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-A	1334	1	62	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-A	1356	1	108	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-A	1392	1	125	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-A	1558	1	108	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-A	1252	1	51	1071	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-A	1530	1	113	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-B	2370	1	28	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-A	1303	1	45	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-A	1191	1	34	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-B	2024	1	34	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-A	1547	1	131	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-B	1805	1	51	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-B	1826	1	56	1071	3		1
HD200120	20 59 49.5	47 31 15	HRS	WSCAN	0.25	ECH-B	2602	1	45	1071	3		1
NGC7027	21 7 0.2	42 14 18	WFC	IMAGE	ALL	F336W		1	80	1108	0		1
NGC7027	21 7 0.2	42 14 18	WFC	IMAGE	ALL	F439W		1	60	1108	0		1
NGC7027	21 7 0.2	42 14 18	WFC	IMAGE	ALL	F622W		1	30	1108	0		1
NGC7027	21 7 0.2	42 14 18	WFC	IMAGE	ALL	F656N		1	2100	1107	3		1
NGC7027	21 7 0.2	42 14 18	WFC	IMAGE	ALL	F157W		1	180	1108	0		1
NGC7027	21 7 0.2	42 14 18	WFC	IMAGE	ALL	F284W		1	120	1108	0		1
NGC7027	21 7 1.7	42 14 9	FOC/96	IMAGE	256X256	F130M		1	480	1254	1		1
NGC7027	21 7 1.7	42 14 9	FOC/96	IMAGE	256X256	F210M		1	480	1254	1		1
NGC7027	21 7 1.7	42 14 9	FOC/96	IMAGE	256X256	F278M		1	480	1254	1		1
NGC7027-STAR	21 7 1.8	42 14 10*	FOS/RD	ACCUM	1.0-PAIR-B	G400H	4013	1	2000	1212	1		1
NGC7027-OFFSET	21 7 2.7	42 14 10	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1212	1	ACQ	1
HD201184	21 8 33.5	-21 11 37	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD201184	21 8 33.5	-21 11 37	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD201184	21 8 33.5	-21 11 37	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD201184	21 8 33.5	-21 11 37	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD201184	21 8 33.5	-21 11 37	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD201184	21 8 33.5	-21 11 37	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD201184	21 8 33.5	-21 11 37	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
HD201184	21 8 33.5	-21 11 37	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
V1500CYG	21 11 36.6	48 9 2	FOC/96	IMAGE	512X512	F486N		1	1200	1253	2		1
V1500CYG	21 11 36.6	48 9 2	FOC/96	IMAGE	512X512	F501N		1	1200	1253	2		1
HD201891	21 11 59.2	17 43 40	HRS	ACCUM	0.25	G270M	2497	2	1620	1064	0		1
PG2112+059	21 14 52.6	6 7 42	WFC	IMAGE	ALL	F702W		1	2500	1015	2		1
PG2112+059	21 14 52.6	6 7 42	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	1		1
PG2112+059	21 14 52.6	6 7 42	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
PG2112+059	21 14 52.6	6 7 42	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
PG2112+059	21 14 52.6	6 7 42	FOS/RD	ACCUM	1.0	G190H	1980	1	1200	1025	2		1
SKY-BG17	21 14 52.6	6 7 42*	FOS/RD	ACCUM	1.0	G650L	6232	1	2500	1015	1	PAR	1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-A	1240	1	69	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-A	1252	1	56	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-A	1530	1	125	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-B	2370	1	31	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-A	1303	1	50	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-A	1334	1	69	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-A	1356	1	119	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-A	1392	1	138	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-A	1558	1	119	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-A	1191	1	37	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-A	1547	1	144	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-B	1805	1	56	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-B	1826	1	62	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-B	2024	1	37	1071	3		1
HD202904	21 17 55.0	34 53 48	HRS	WSCAN	0.25	ECH-B	2602	1	50	1071	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD203280	21 18 34.7	62 35 8	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD203280	21 18 34.7	62 35 8	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD203280	21 18 34.7	62 35 8	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD203280	21 18 34.7	62 35 8	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD203280	21 18 34.7	62 35 8	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD203280	21 18 34.7	62 35 8	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD203280	21 18 34.7	62 35 8	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
HD203280	21 18 34.7	62 35 8	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
NGC7049	21 18 59.6	-48 34 39	FOC/96	IMAGE	512X512	F320W		1	600	1057	3		1
NGC7049	21 18 59.6	-48 34 39	FOC/96	IMAGE	512X512	F502M		1	300	1057	3		1
NGC7049	21 18 59.6	-48 34 39	FOC/288	IMAGE	512X512	F320W		1	600	1057	3	CON	1
NGC7049	21 18 59.6	-48 34 39	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	3	CON	1
NGC7049	21 18 59.6	-48 34 39	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	3	ACQ CON	1
FS1081-1	21 20 34.4	-16 32 10	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	10080	1081	1		1
FS1082-1	21 20 34.4	-16 32 10	WFC	IMAGE	ALL	F569W		1	0	1082	1	ACQ	2
FS1082-1	21 20 34.4	-16 32 10	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		2
FS1083-1	21 20 34.4	-16 32 10	WFC	IMAGE	ALL	F569W		1	0	1083	1	ACQ	3
FS1083-1	21 20 34.4	-16 32 10	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	1		2
K648	21 27 34.4	11 57 14	HRS	ACCUM	2.0	G140L	1340	1	300	1212	3		1
K648	21 27 34.4	11 57 14	HRS	ACCUM	2.0	G140L	1600	1	300	1212	3		1
HD205021	21 28 39.7	70 33 38	HSP/VIS	PRISM	1.0	F551W/F240W		1	18000	1102	1		1
2126-159	21 29 12.1	-15 38 41	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
PKS2126-158	21 29 12.1	-15 38 41	FOS/RD	ACCUM	0.5	PRISM	3500	1	50	1027	2		2
PKS2126-158	21 29 12.1	-15 38 41	FOS/RD	ACCUM	0.5	PRISM	3500	1	1800	1027	2		1
PKS2126-158	21 29 12.1	-15 38 41	FOS/BL	ACCUM	0.5	G160L	1650	1	50	1027	2		2
PKS2126-158	21 29 12.1	-15 38 41	FOS/BL	ACCUM	0.5	G160L	1650	1	1000	1027	2		1
PKS2126-158	21 29 12.1	-15 38 41	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ	1
PKS2126-158	21 29 12.1	-15 38 41	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1027	2	ACQ	1
NGC7078	21 29 58.1	12 10 3	PC	IMAGE	ALL	F439W	4385	1	500	1053	2	ACQ	1
NGC7078	21 29 58.1	12 10 3	PC	IMAGE	ALL	F284W	2841	1	500	1053	2	ACQ	1
NGC7078	21 29 58.1	12 10 3	PC	IMAGE	ALL	F336W	3363	1	500	1053	2	ACQ	1
NGC7078	21 29 58.1	12 10 3	PC	IMAGE	ALL	F656N	6599	1	500	1053	2	ACQ	1
NGC7078-OFFSET	21 29 58.1	12 10 3	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	1053	2	ACQ CON	1
NGC7078-STAR	21 29 58.1	12 10 3*	FOS/RD	ACCUM	0.3	PRISM		1	500	1053	2	CON	1
NGC7078-STAR	21 29 58.1	12 10 3*	FOS/RD	ACCUM	0.3	PRISM		1	1000	1053	2	CON	1
NGC7078-STAR	21 29 58.1	12 10 3*	FOS/RD	ACCUM	0.3	G570H		1	3500	1053	2	CON	1
M15	21 29 58.3	12 10 1	PC	IMAGE	P6	F336W		1	20	1112	0		1
M15	21 29 58.3	12 10 1	PC	IMAGE	P6	F336W		1	100	1112	0		1
M15	21 29 58.3	12 10 1	PC	IMAGE	P6	F336W		1	800	1112	0		1
NGC7078	21 29 58.4	12 10 0	PC	IMAGE	ALL	F555W		1	23	1019	0		1
NGC7078	21 29 58.4	12 10 0	PC	IMAGE	ALL	F785LP		1	23	1019	0		1
NGC7078	21 29 58.4	12 10 0	PC	IMAGE	ALL	F555W	5479	1	26	1007	0		3
NGC7078	21 29 58.4	12 10 0	PC	IMAGE	ALL	F791W	8537	1	26	1007	0		2
NGC7078	21 29 58.4	12 10 0	PC	IMAGE	ALL	F555W	5479	1	26	1007	1		3
NGC7078	21 29 58.4	12 10 0	PC	IMAGE	ALL	F791W	8537	1	26	1007	1		2
NGC7078	21 29 58.4	12 10 0	PC	IMAGE	ALL	F555W	5479	1	26	2945	0		3
NGC7078	21 29 58.4	12 10 0	PC	IMAGE	ALL	F791W	8537	1	26	2945	0		2
NGC7078	21 29 58.4	12 10 0	PC	IMAGE	ALL	F555W	5479	1	26	2947	1		3
NGC7078	21 29 58.4	12 10 0	PC	IMAGE	ALL	F791W	8537	1	26	2947	1		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC7078	21 29 58.4	12 10 1	FOC/96	IMAGE	512X512	F342W		1	1500	1280	1		1
NGC7078	21 29 58.4	12 10 1	FOC/288	IMAGE	512X1024	F175W		1	1200	1280	1		1
NGC7078	21 29 58.4	12 10 1	FOC/96	IMAGE	512X512	F2ND F342W		1	300	1280	1		1
NGC7078-OUTER	21 29 58.4	12 10 1	WFC	IMAGE	ALL	F785LP		1	1620	1280	1	PAR	1
NGC7078-OUTER	21 29 58.4	12 10 1	WFC	IMAGE	ALL	F555W		1	1019	1280	1	PAR	1
NGC7078	21 29 58.4	12 10 1	PC	IMAGE	ALL	F547M		1	100	1052	0	ACQ CON	1
NGC7078	21 29 58.4	12 10 1	PC	IMAGE	ALL	F230W		1	250	1052	0	ACQ CON	1
NGC7078	21 29 58.4	12 10 1	PC	IMAGE	ALL	F336W		1	130	1052	0	ACQ CON	1
NGC7078-OFFSET-STAR	21 29 58.4	12 10 1*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1052	2	ACQ CON	1
NGC7078-STAR1	21 29 58.4	12 10 1*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	2	CON	1
NGC7078-STAR1	21 29 58.4	12 10 1*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	2	CON	1
NGC7078-STAR2	21 29 58.4	12 10 1*	FOS/BL	IMAGE	4.3	PRISM		1	400	1052	2	CON	1
NGC7078-STAR2	21 29 58.4	12 10 1*	FOS/BL	ACCUM	0.3	G160L		1	1300	1052	2	CON	1
K648	21 29 59.4	12 10 26	PC	IMAGE	ALL	F502N		1	150	1046	0	ACQ	1
K648	21 29 59.4	12 10 26	PC	IMAGE	ALL	F664N		1	150	1046	0	ACQ	1
K648	21 29 59.4	12 10 26	FOS/BL	ACCUM	1.0	G130H		1	325	1046	1		1
K648	21 29 59.4	12 10 26	FOS/BL	ACCUM	1.0	G190H		1	325	1046	1		1
K648	21 29 59.4	12 10 26	FOS/BL	ACCUM	1.0	G270H		1	325	1046	1		1
K648-OFFSET-STAR	21 29 59.4	12 10 26*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1046	1	ACQ	1
W922	21 31 18.5	-9 47 27	FGS	TRANS	ANY	F583W		1	1000	1003	0		2
W922	21 31 18.5	-9 47 27	FGS	TRANS	ANY	F583W		1	1000	1003	1		1
V1727-CYG	21 31 26.2	47 17 25	FOS/BL	ACCUM	0.3	G130H		1	1000	1051	2		1
V1727-CYG	21 31 26.2	47 17 25	FOS/BL	ACCUM	0.3	G190H		1	1000	1051	2		1
V1727-CYG	21 31 26.2	47 17 25	FOS/BL	ACCUM	0.3	G270H		1	1000	1051	2		1
V1727-CYG	21 31 26.2	47 17 25	FOS/BL	ACCUM	0.3	G130H		1	1500	1051	2		1
V1727-CYG	21 31 26.2	47 17 25	FOS/BL	ACCUM	0.3	G190H		1	1500	1051	2		1
V1727-CYG	21 31 26.2	47 17 25	FOS/BL	ACCUM	0.3	G270H		1	1500	1051	2		1
V1727-CYG	21 31 26.2	47 17 25	FOS/BL	ACQ/BINA	4.3	MIRROR		1	8	1051	2	ACQ	1
2128-123INCA221-139	21 31 35.3	-12 7 4	FGS	POS	2	F583W		1	51	1571	3		3
2128-123INCA221-139	21 31 35.3	-12 7 4	FGS	POS	2	F583W		1	51	1571	4		3
2128-123	21 31 35.3	-12 7 5	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
POINT2128-123INCA221-139	21 31 46.3	-11 55 3	S/C	POINTING	V1			1	0	1571	3		1
POINT2128-123INCA221-139	21 31 46.3	-11 55 3	S/C	POINTING	V1			1	0	1571	4		1
INCA221-139	21 32 18.5	-12 4 17	FGS	POS	2	F583W		1	51	1571	3		2
INCA221-139	21 32 18.5	-12 4 17	FGS	POS	2	F583W		1	51	1571	4		2
QSO2130+099-OFFSET	21 32 27.3	10 8 15*	HRS	ACCUM	2.0	G140L	1288	1	3600	1194	2		1
II-ZW136	21 32 27.8	10 8 19	WFC	IMAGE	ALL	F725LP		1	4	1116	3		1
II-ZW136	21 32 27.8	10 8 19	WFC	IMAGE	ALL	F725LP		1	1700	1116	3		1
II-ZW136	21 32 27.8	10 8 19	WFC	IMAGE	ALL	F725LP		1	212	1116	3		1
QSO2130+099-NUCLEUS	21 32 27.9	10 8 20	PC	IMAGE	ALL-ND	F547M		1	1200	1194	1	ACQ	1
QSO2130+099-NUCLEUS	21 32 27.9	10 8 20	HRS	ACCUM	2.0	G140L	1500	1	600	1194	2		1
QSO2130+099-NUCLEUS	21 32 27.9	10 8 20	HRS	IMAGE	2.0	MIRROR-N2		1	192	1194	0		1
QSO2130+099-NUCLEUS	21 32 27.9	10 8 20	HRS	IMAGE	2.0	MIRROR-N2		2	256	1194	0		1
QSO2130+099-NUCLEUS	21 32 27.9	10 8 20	HRS	ACCUM	2.0	G140L	1220	1	600	1194	2		1
NGC7089	21 33 29.3	-0 49 23	PC	IMAGE	ALL	F555W		1	23	1019	2		1
NGC7089	21 33 29.3	-0 49 23	PC	IMAGE	ALL	F785LP		1	23	1019	2		1
INCA221-171	21 35 56.3	0 40 38	FGS	POS	2	F583W		1	51	1571	2		2
INCA221-171	21 35 56.3	0 40 38	FGS	POS	2	F583W		1	51	1571	3		2
HD205730	21 36 2.4	45 22 29	HRS	ACCUM	0.25	ECH-B20	2799	1	336	1196	3		1
POINT2134+004INCA221-171	21 36 13.4	0 51 26	S/C	POINTING	V1			1	0	1571	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
POINT2134+004INCA221 -171	21 36 13.4	0 51 26	S/C	POINTING	V1			1	0	1571	3		1
2134+004INCA221-171	21 36 38.7	0 41 54	FGS	POS	2	F583W		1	51	1571	2		3
2134+004INCA221-171	21 36 38.7	0 41 54	FGS	POS	2	F583W		1	51	1571	3		3
PKS2135-147	21 37 45.2	-14 32 56	PC	IMAGE	ALL	F128LP		1	708	1032	2	ACQ	1
PKS2135-147	21 37 45.2	-14 32 56	PC	IMAGE	ALL	F725LP		1	708	1032	2	ACQ	1
PKS2135-147	21 37 45.2	-14 32 56	FOS/RD	ACCUM	0.5	G650L		1	280	1032	2	CON SEL	1
PKS2135-147	21 37 45.2	-14 32 56	FOS/RD	ACCUM	0.5	PRISM		1	280	1032	2	CON SEL	1
PKS2135-147	21 37 45.2	-14 32 56	FOS/RD	ACQ/BINA	4.3	MIRROR		1	2	1032	2	ACQ CON	1
PKS2135-147	21 37 45.2	-14 32 56	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	2553	1032	2	CON SEL	1
PKS2135-147	21 37 45.2	-14 32 56	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	2553	1032	2	CON SEL	1
PKS2135-147	21 37 45.2	-14 32 56	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	10	1032	2	ACQ CON	1
SKY2	21 37 45.2	-14 32 56*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	708	1032	2	PAR	2
PKS2135-147	21 37 45.2	-14 32 55	WFC	IMAGE	ALL	F725LP		1	10	1116	2		1
PKS2135-147	21 37 45.2	-14 32 55	WFC	IMAGE	ALL	F725LP		1	1700	1116	2		1
PKS2135-147	21 37 45.2	-14 32 55	WFC	IMAGE	ALL	F725LP		1	212	1116	2		1
PKS2135-147	21 37 45.2	-14 32 56	FOC/96	IMAGE	512X512	F152M		1	1800	1233	2		1
PKS2135-147	21 37 45.2	-14 32 56	FOC/96	IMAGE	512X512	F231M		1	1200	1233	2		1
PKS2135-147	21 37 45.2	-14 32 56	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
PKS2135-147	21 37 45.2	-14 32 56	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC7099	21 40 22.0	-23 10 45	PC	IMAGE	ALL	F555W		1	10	1019	1		1
NGC7099	21 40 22.0	-23 10 45	PC	IMAGE	ALL	F785LP		1	10	1019	1		1
NGC7099	21 40 22.0	-23 10 45	PC	IMAGE	ALL	F555W	5479	1	26	1007	0		3
NGC7099	21 40 22.0	-23 10 45	PC	IMAGE	ALL	F791W	8537	1	26	1007	0		2
NGC7099	21 40 22.0	-23 10 45	PC	IMAGE	ALL	F555W	5479	1	26	1007	1		3
NGC7099	21 40 22.0	-23 10 45	PC	IMAGE	ALL	F791W	8537	1	26	1007	1		2
NGC7099	21 40 22.0	-23 10 45	PC	IMAGE	ALL	F555W	5479	1	26	2945	0		3
NGC7099	21 40 22.0	-23 10 45	PC	IMAGE	ALL	F791W	8537	1	26	2945	0		2
NGC7099	21 40 22.0	-23 10 45	PC	IMAGE	ALL	F555W	5479	1	26	2947	1		3
NGC7099	21 40 22.0	-23 10 45	PC	IMAGE	ALL	F791W	8537	1	26	2947	1		2
NGC7099	21 40 22.1	-23 10 45	FOC/96	IMAGE	512X512	F342W		1	1500	1280	2		1
NGC7099	21 40 22.1	-23 10 45	FOC/96	IMAGE	512X512	F2ND F342W		1	300	1280	2		1
NGC7099-OUTER	21 40 22.1	-23 10 45	WFC	IMAGE	ALL	F555W		1	720	1280	1	PAR	1
NGC7099-OUTER	21 40 22.1	-23 10 45	WFC	IMAGE	ALL	F785LP		1	1080	1280	1	PAR	1
HD206936	21 43 30.4	58 46 48	HRS	ACCUM	2.0	G270M	2609	1	1800	1195	2		1
HD206936	21 43 30.4	58 46 48	HRS	ACCUM	2.0	G270M	2753	1	1800	1195	2		1
HD206936	21 43 30.4	58 46 48	HRS	ACCUM	2.0	G270M	2802	1	480	1195	2		1
OX169	21 43 35.6	17 43 49	HRS	ACCUM	2.0	G140L	1475	3	500	1192	0		1
OX169	21 43 35.6	17 43 49	HRS	ACCUM	2.0	G270M	2315	5	800	1192	0		1
V1341-CYG	21 44 41.1	38 19 17	FOS/BL	ACCUM	1.0	G130H		1	600	1051	2		1
V1341-CYG	21 44 41.1	38 19 17	FOS/BL	ACCUM	1.0	G190H		1	600	1051	2		1
V1341-CYG	21 44 41.1	38 19 17	FOS/BL	ACCUM	1.0	G270H		1	600	1051	2		1
V1341-CYG	21 44 41.1	38 19 17	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	1051	2	ACQ	1
2140-758	21 47 12.6	-75 36 11	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
3C437	21 47 25.1	15 20 34	WFC	IMAGE	ALL	F785LP		2	2700	1070	1		1
HD207129	21 48 15.6	-47 18 13	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	1		1
HD207129	21 48 15.6	-47 18 13	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	1		1
HD207129	21 48 15.6	-47 18 13	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	1		1
HD207129	21 48 15.6	-47 18 13	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	1		1
AG-PEG	21 51 2.0	12 37 31	FOC/96	IMAGE	512X512	F278M		1	600	1253	2		1
AG-PEG	21 51 2.0	12 37 31	FOC/96	IMAGE	512X512	F501N		1	600	1253	2		1
HD207857	21 51 5.0	39 32 12	HRS	ACCUM	0.25	ECH-B	1942	1	435	1182	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD207857	21 51 5.0	39 32 12	HRS	ACCUM	0.25	ECH-A	1362	1	830	1182	2		1
HD207978	21 52 29.9	28 47 36	HRS	ACCUM	0.25	G270M	2497	2	420	1064	3	CON SEL	1
GAL-CLUS-215519+033412	21 57 56.0	3 47 54	WFC	IMAGE	ALL	F622W		3	2300	1115	3		1
GAL-CLUS-215519+033412	21 57 56.0	3 47 54	WFC	IMAGE	ALL	F785LP		3	2300	1115	3		1
PKS2155-304	21 58 51.6	-30 13 32	HSP/POL	STAR-SKY	POL0	F277M		1	66	1099	3		10
PKS2155-304	21 58 51.6	-30 13 32	HSP/POL	STAR-SKY	POL45	F277M		1	66	1099	3		10
PKS2155-304	21 58 51.6	-30 13 32	HSP/POL	STAR-SKY	POL90	F277M		1	66	1099	3		10
PKS2155-304	21 58 51.6	-30 13 32	HSP/UV2	STAR-SKY	0.4-C	F140LP		1	60	1099	3		10
PKS2155-304	21 58 51.6	-30 13 32	HSP/POL	STAR-SKY	POL135	F277M		1	66	1099	3		10
PKS2155-304	21 58 51.9	-30 13 32	HRS	ACCUM	2.0	G140L	1300	1	300	1165	2		1
PKS2155-304	21 58 51.9	-30 13 32	HRS	ACCUM	2.0	G140L	1600	1	300	1165	2		1
PKS2155-304	21 58 51.9	-30 13 32	HRS	ACCUM	2.0	G270M	2590	3	300	1165	2		1
PKS2155-304	21 58 51.9	-30 13 32	HRS	ACCUM	2.0	G160M	1350	5	360	1165	2		1
PKS2155-304	21 58 51.9	-30 13 32	HRS	ACCUM	2.0	G160M	1540	5	360	1165	2		1
PKS2155-304	21 58 52.0	-30 13 32	FOS/BL	ACQ/BINA	4.3	MIRROR		1	2	1029	1	ACQ	1
PKS2155-304	21 58 52.0	-30 13 32	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1029	1	ACQ	1
PKS2155-304	21 58 52.0	-30 13 32	FOS/BL	ACCUM	0.5	G160L	1725	1	1440	1029	1		2
PKS2155-304	21 58 52.0	-30 13 32	FOS/BL	ACCUM	0.5	PRISM	3675	1	1440	1029	1		1
PKS2155-304	21 58 52.0	-30 13 32	FOS/BL	ACCUM	0.5	G130H	1379	1	1500	1029	1		1
PKS2155-304	21 58 52.0	-30 13 32	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	1	1029	1	ACQ	1
PKS2155-304	21 58 52.0	-30 13 32	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6337	1	1500	1029	1		1
PKS2155-304	21 58 52.0	-30 13 32	HRS	ACCUM	0.25	G140M	1240	1	2280	1172	2	CON SEL	1
PKS2155-304	21 58 52.0	-30 13 32	HRS	ACCUM	0.25	G160M	1400	1	2280	1172	2	CON SEL	1
PKS2155-304	21 58 52.0	-30 13 32	HRS	ACCUM	0.25	G160M	1550	1	2280	1172	2	CON SEL	1
PKS2155-304	21 58 52.0	-30 13 32	HRS	ACCUM	0.25	G140L	1315	1	2100	1172	0		1
PKS2155-304	21 58 52.0	-30 13 32	HRS	ACCUM	0.25	G140L	1585	1	2100	1172	0		1
PKS2155-304	21 58 52.0	-30 13 32	HRS	ACCUM	0.25	G140M	1216	1	2280	1172	2	CON SEL	1
PKS2155-304	21 58 52.0	-30 13 32	HRS	ACCUM	0.25	G160M	1657	1	2280	1172	2	CON SEL	1
PKS2158-380	22 1 17.0	-37 46 23	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
PKS2158-380	22 1 17.0	-37 46 23	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
PKS2158-380	22 1 17.0	-37 46 23	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
PKS2158-380	22 1 17.0	-37 46 23	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
POINT2200+420INCA221-143	22 1 38.9	42 17 4	S/C	POINTING	V1			1	0	1571	2		1
POINT2200+420INCA221-143	22 1 38.9	42 17 4	S/C	POINTING	V1			1	0	1571	3		1
POINT2200+420INCA221-174	22 1 55.9	42 27 2	S/C	POINTING	V1			1	0	1571	2		1
POINT2200+420INCA221-174	22 1 55.9	42 27 2	S/C	POINTING	V1			1	0	1571	3		1
INCA221-172	22 2 5.7	42 22 46	FGS	POS	2	F550W		1	51	1571	2		2
INCA221-172	22 2 5.7	42 22 46	FGS	POS	2	F550W		1	51	1571	3		2
INCA221-172	22 2 5.7	42 22 46	PC	IMAGE	P8	F658N		1	0	1139	2	CON	2
POINT2201+315INCA221-173	22 2 18.0	31 46 15	S/C	POINTING	V1			1	0	1571	2		1
POINT2201+315INCA221-173	22 2 18.0	31 46 15	S/C	POINTING	V1			1	0	1571	3		1
INCA221-143	22 2 25.5	42 25 29	FGS	POS	2	F5ND		1	51	1571	2		2
INCA221-143	22 2 25.5	42 25 29	FGS	POS	2	F5ND		1	51	1571	3		2
INCA221-143	22 2 25.5	42 25 29	PC	IMAGE	P8	F658N		1	1	1139	2	CON	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
BL-LAC	22 2 43.3	42 16 40	FOS/BL	ACCUM	0.5	G160L	1725	2	1440	1029	0		1
BL-LAC	22 2 43.3	42 16 40	FOS/BL	ACCUM	0.5	PRISM	3675	2	1440	1029	0		1
BL-LAC	22 2 43.3	42 16 40	FOS/BL	ACCUM	0.5	G130H	1379	1	1500	1029	0		1
BL-LAC	22 2 43.3	42 16 40	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	1	1029	0	ACQ	1
BL-LAC	22 2 43.3	42 16 40	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6337	1	1500	1029	0		1
BL-LAC-FIELD	22 2 43.3	42 16 40	WFC	IMAGE	ALL	F439W	4353	1	15	1029	0	ACQ	1
BL-LAC-OFFSET	22 2 43.3	42 16 40*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1029	0	ACQ	1
BL-LAC-OFFSET	22 2 43.3	42 16 40*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1029	0	ACQ	1
2200+420INCA221-143	22 2 43.3	42 16 40	FGS	POS	2	F550W		1	51	1571	2		3
2200+420INCA221-143	22 2 43.3	42 16 40	FGS	POS	2	F550W		1	51	1571	3		3
2200+420INCA221-143	22 2 43.3	42 16 40	PC	IMAGE	P8	F606W		1	2	1139	2		2
2200+420INCA221-143	22 2 43.3	42 16 40	PC	IMAGE	P8	F606W		1	2	1139	2	CON	2
2200+420INCA221-143	22 2 43.3	42 16 40	PC	IMAGE	P8	F725LP		1	2	1139	2		2
2200+420INCA221-143	22 2 43.3	42 16 40	PC	IMAGE	P8	F725LP		1	5	1139	2	CON	2
2200+420INCA221-172	22 2 43.3	42 16 40	FGS	POS	2	F550W		1	51	1571	2		3
2200+420INCA221-172	22 2 43.3	42 16 40	FGS	POS	2	F550W		1	51	1571	3		3
2200+420INCA221-172	22 2 43.3	42 16 40	PC	IMAGE	P8	F606W		1	2	1139	2		2
2200+420INCA221-172	22 2 43.3	42 16 40	PC	IMAGE	P8	F606W		1	2	1139	2	CON	2
2200+420INCA221-172	22 2 43.3	42 16 40	PC	IMAGE	P8	F725LP		1	2	1139	2		2
2200+420INCA221-172	22 2 43.3	42 16 40	PC	IMAGE	P8	F725LP		1	0	1139	2	CON	2
2200+420INCA221-174	22 2 43.3	42 16 40	FGS	POS	2	F550W		1	51	1571	2		3
2200+420INCA221-174	22 2 43.3	42 16 40	FGS	POS	2	F550W		1	51	1571	3		3
BL-LAC	22 2 43.3	42 16 40	WFC	IMAGE	ALL	F725LP		1	2000	1116	2		1
BL-LAC	22 2 43.3	42 16 40	WFC	IMAGE	ALL	F725LP		1	250	1116	2		1
BL-LAC	22 2 43.3	42 16 40	HSP/UV2	SINGLE	1.0	F140LP		1	60	1099	1		10
BL-LAC	22 2 43.3	42 16 40	HSP/POL	SINGLE	POL0	F277M		1	60	1099	1		20
BL-LAC	22 2 43.3	42 16 40	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1099	1	ACQ	10
BL-LAC	22 2 43.3	42 16 40	HSP/POL	SINGLE	POL45	F277M		1	60	1099	1		20
BL-LAC	22 2 43.3	42 16 40	HSP/POL	SINGLE	POL90	F277M		1	60	1099	1		20
BL-LAC	22 2 43.3	42 16 40	HSP/POL	SINGLE	POL135	F277M		1	60	1099	1		20
BL-LAC	22 2 43.4	42 16 40	FOC/96	IMAGE	512X512	F165W		1	700	1227	2		1
BL-LAC	22 2 43.4	42 16 40	FOC/96	IMAGE	512X512	F502M	4950	1	700	1227	2		1
BL-LAC	22 2 43.4	42 16 40	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	0		1
BL-LAC	22 2 43.4	42 16 40	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	600	1227	0		1
INCA221-143-AST2	22 2 54.0	42 13 19	FGS	POS	2	F550W		1	1	1139	2	CON PAR	2
INCA221-172-AST2	22 2 54.0	42 13 19	FGS	POS	2	F550W		1	0	1139	2	CON PAR	2
POINT2200+420INCA221-172	22 3 4.1	42 28 2	S/C	POINTING	V1			1	0	1571	2		1
POINT2200+420INCA221-172	22 3 4.1	42 28 2	S/C	POINTING	V1			1	0	1571	3		1
INCA221-143-AST1	22 3 5.5	42 6 2	FGS	POS	2	F550W		1	2	1139	2	CON PAR	2
INCA221-143-AST1	22 3 5.5	42 6 2	FGS	POS	2	F550W		1	5	1139	2	CON PAR	2
INCA221-172-AST1	22 3 5.5	42 6 2	FGS	POS	2	F550W		1	0	1139	2	CON PAR	2
INCA221-172-AST1	22 3 5.5	42 6 2	FGS	POS	2	F550W		1	2	1139	2	CON PAR	2
INCA221-173	22 3 9.3	31 51 57	FGS	POS	2	F583W		1	51	1571	2		2
INCA221-173	22 3 9.3	31 51 57	FGS	POS	2	F583W		1	51	1571	3		2
INCA221-173	22 3 9.3	31 51 57	PC	IMAGE	P8	F658N		1	2	1139	2	CON	2
INCA221-174	22 3 14.8	42 33 58	FGS	POS	2	F550W		1	51	1571	2		2
INCA221-174	22 3 14.8	42 33 58	FGS	POS	2	F550W		1	51	1571	3		2
B22201+315	22 3 14.9	31 45 38	WFC	IMAGE	ALL	F725LP		1	2000	1116	2		1
B22201+315	22 3 14.9	31 45 38	WFC	IMAGE	ALL	F725LP		1	250	1116	2		1
2201+315	22 3 15.0	31 45 38	PC	IMAGE	P8	F606W		1	5	1139	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
2201+315	22 3 15.0	31 45 38	PC	IMAGE	P8	F725LP		1	14	1139	2		1
2201+315INCA221-173	22 3 15.0	31 45 38	FGS	POS	2	F583W		1	51	1571	2		3
2201+315INCA221-173	22 3 15.0	31 45 38	FGS	POS	2	F583W		1	51	1571	3		3
2201+315INCA221-173	22 3 15.0	31 45 38	PC	IMAGE	P8	F606W		1	5	1139	2		2
2201+315INCA221-173	22 3 15.0	31 45 38	PC	IMAGE	P8	F606W		1	5	1139	2	CON	2
2201+315INCA221-173	22 3 15.0	31 45 38	PC	IMAGE	P8	F725LP		1	5	1139	2		2
2201+315INCA221-173	22 3 15.0	31 45 38	PC	IMAGE	P8	F725LP		1	14	1139	2	CON	2
4C31.63	22 3 15.0	31 45 38	PC	IMAGE	ALL	F128LP		1	708	1032	2	ACQ	1
4C31.63	22 3 15.0	31 45 38	PC	IMAGE	ALL	F725LP		1	708	1032	2	ACQ	1
4C31.63	22 3 15.0	31 45 38	FOS/RD	ACCUM	0.5	G650L		1	280	1032	2	CON SEL	1
4C31.63	22 3 15.0	31 45 38	FOS/RD	ACCUM	0.5	PRISM		1	280	1032	2	CON SEL	1
4C31.63	22 3 15.0	31 45 38	FOS/RD	ACQ/BINA	4.3	MIRROR		1	2	1032	2	ACQ CON	1
4C31.63	22 3 15.0	31 45 38	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	2553	1032	2	CON SEL	1
4C31.63	22 3 15.0	31 45 38	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	2553	1032	2	CON SEL	1
4C31.63	22 3 15.0	31 45 38	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	10	1032	2	ACQ CON	1
SKY4	22 3 15.0	31 45 38*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	708	1032	2	PAR	2
INCA221-173-AST1	22 3 32.6	31 41 52	FGS	POS	2	F550W		1	5	1139	2	CON PAR	2
INCA221-173-AST1	22 3 32.6	31 41 52	FGS	POS	2	F550W		1	14	1139	2	CON PAR	2
HD209100	22 3 34.8	-56 49 17	FOC/96	OCC	512X512-F0.4	F370LP		1	1500	1274	2		1
INCA221-173-AST2	22 3 48.0	31 34 45	FGS	POS	2	F550W		1	2	1139	2	CON PAR	2
HD209598	22 3 59.5	28 20 55	HRS	ACCUM	0.25	ECH-B20	2799	1	1065	1196	3		1
3C441	22 6 5.0	29 29 22	WFC	IMAGE	ALL	F555W		1	2700	1070	1		1
3C441	22 6 5.0	29 29 22	WFC	IMAGE	ALL	F785LP		1	2700	1070	1		1
FS1083-6	22 6 54.4	-13 10 26	WFC	IMAGE	ALL	F569W		1	0	1083	2	ACQ	2
FS1083-6	22 6 54.4	-13 10 26	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
HD210027	22 7 0.6	25 20 42	HRS	ACCUM	0.25	ECH-B	2497	2	1500	1064	0		1
HD210027	22 7 0.6	25 20 42	HRS	ACCUM	0.25	G270M	2497	2	210	1064	0		1
2204-409	22 7 34.4	-40 36 55	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
2204-409	22 7 34.4	-40 36 55	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	1		1
Q2205-203	22 8 0.0	-20 6 23	FOC/96	IMAGE	512X512	F430W		1	1800	1234	1		1
Q2205-203	22 8 0.0	-20 6 23	FOC/96	IMAGE	512X512	F342W		1	1800	1234	3		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-B31	1810	1	220	1201	1		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-A42	1332	1	220	1201	0		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-B20	2799	1	220	1201	1		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-B22	2589	1	220	1201	1		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-B22	2603	1	220	1201	1		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-B28	2027	1	220	1201	1		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-A36	1547	1	220	1201	0		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-A36	1557	1	220	1201	0		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-A37	1529	1	220	1201	0		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-A45	1240	1	220	1201	0		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-A45	1250	1	220	1201	0		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-B24	2263	1	220	1201	1		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	G140M	1198	1	290	1201	0		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-A34	1654	1	220	1201	0		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-A42	1326	1	220	1201	0		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-A43	1303	1	220	1201	0		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-B20	2854	1	220	1201	1		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-B22	2518	1	220	1201	1		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	0.25	ECH-B31	1818	1	220	1201	1		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	2.0	MIRROR-A1		1	16	1214	3	CAL	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	2.0	ECH-A	1335	1	150	1214	3		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	2.0	ECH-A	1302	1	150	1214	3		1
HD209952	22 8 13.8	-46 57 40	HRS	ACCUM	2.0	ECH-A	1530	1	150	1214	3		1
HD210334	22 8 40.9	45 44 33	HRS	ACCUM	2.0	G270M	2800	1	60	1208	1		8
HD210334	22 8 40.9	45 44 33	HRS	ACCUM	2.0	G160M	1550	5	170	1208	1		8
QSO2206-199N	22 8 52.1	-19 44 1	FOC/96	IMAGE	512X512	F372M		1	1800	1233	2		1
QSO2206-199N	22 8 52.1	-19 44 1	FOC/96	IMAGE	512X512	F437M		1	1200	1233	2		1
NGC7213	22 9 18.2	-47 9 43	PC	IMAGE	ALL	F194W		1	900	1038	2	ACQ	1
NGC7213	22 9 18.2	-47 9 43	PC	IMAGE	ALL	F547M		1	300	1038	2	ACQ	1
NGC7213	22 9 18.2	-47 9 43	PC	IMAGE	ALL	F664N		3	900	1038	2	ACQ	1
NGC7213	22 9 18.2	-47 9 43	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	SEL	1
NGC7213	22 9 18.2	-47 9 43	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	SEL	1
NGC7213	22 9 18.2	-47 9 43	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC7213	22 9 18.2	-47 9 43	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC7213	22 9 18.2	-47 9 43	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC7213	22 9 18.2	-47 9 43	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ SEL	1
NGC7213	22 9 18.2	-47 9 43	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1038	2	ACQ SEL	1
NGC7213-CLOUD1	22 9 18.2	-47 9 43*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	SEL	1
NGC7213-CLOUD1	22 9 18.2	-47 9 43*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	SEL	1
NGC7213-CLOUD1	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC7213-CLOUD1	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC7213-CLOUD1	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC7213-CLOUD2	22 9 18.2	-47 9 43*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	SEL	1
NGC7213-CLOUD2	22 9 18.2	-47 9 43*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	SEL	1
NGC7213-CLOUD2	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC7213-CLOUD2	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC7213-CLOUD2	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC7213-CLOUD3	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G270H		1	300	1038	2	SEL	1
NGC7213-CLOUD3	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G400H		1	300	1038	2	SEL	1
NGC7213-CLOUD3	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G570H		1	300	1038	2	SEL	1
NGC7213-CLOUD3	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC7213-CLOUD3	22 9 18.2	-47 9 43*	FOS/BL	ACCUM	0.3	G130H		1	600	1038	2	CON SEL	1
NGC7213-CLOUD3	22 9 18.2	-47 9 43*	FOS/BL	ACCUM	0.3	G190H		1	300	1038	2	CON SEL	1
NGC7213-CLOUD4	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
NGC7213-CLOUD5	22 9 18.2	-47 9 43*	FOS/RD	ACCUM	0.3	G570H		1	600	1038	2	SEL	1
FS1081-4	22 10 30.4	-12 46 52	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	10080	1081	1		1
FS1082-4	22 10 30.4	-12 46 52	WFC	IMAGE	ALL	F569W		1	0	1082	2	ACQ	2
FS1082-4	22 10 30.4	-12 46 52	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	2		2
FS1083-4	22 10 30.4	-12 46 52	WFC	IMAGE	ALL	F569W		1	0	1083	2	ACQ	3
FS1083-4	22 10 30.4	-12 46 52	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
HD210839	22 11 30.6	59 24 51	HRS	ACCUM	2.0	G160M	1330	1	480	1211	1		8
HD210839	22 11 30.6	59 24 51	HRS	ACCUM	2.0	G160M	1380	1	480	1211	1		7
NGC7236/7	22 14 46.9	13 50 27	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC7236/7	22 14 46.9	13 50 27	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
NGC7236/7	22 14 46.9	13 50 27	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC7236/7	22 14 46.9	13 50 27	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC7236/7	22 14 46.9	13 50 27	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
Q2215-037	22 17 47.8	-3 32 39	FOC/96	IMAGE	512X512	F430W		1	1800	1234	0		1
Q2215-037	22 17 47.8	-3 32 39	FOC/96	IMAGE	512X512	F342W		1	1800	1234	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
Q2215-037	22 17 47.8	-3 32 39	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	9000	1234	1	CON	1
STAR2215-086	22 17 55.4	-8 21 5	FOS/BL	ACCUM	1.0	G130H		1	800	1051	2		2
STAR2215-086	22 17 55.4	-8 21 5	FOS/BL	ACCUM	1.0	G190H		1	800	1051	2		1
STAR2215-086	22 17 55.4	-8 21 5	FOS/BL	ACCUM	1.0	G270H		1	800	1051	2		2
STAR2215-086	22 17 55.4	-8 21 5	FOS/BL	PERIOD	1.0	G160L		1	3763	1051	2		1
STAR2215-086	22 17 55.4	-8 21 5	FOS/BL	ACQ/BINA	4.3	MIRROR		1	0	1051	2	ACQ	1
H2215-086	22 17 57.2	-8 21 11	HSP/UV1	PRISM	1.0	F248M/F135W		1	14760	1090	1		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-A	1252	1	94	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-A	1530	1	210	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-B	2370	1	52	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-A	1303	1	84	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-A	1356	1	199	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-A	1558	1	199	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-A	1240	1	115	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-A	1334	1	115	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-A	1392	1	230	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-A	1191	1	63	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-B	1805	1	94	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-B	1826	1	105	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-B	2024	1	63	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-B	2602	1	84	1071	3		1
HD212076	22 21 31.1	12 12 18	HRS	WSCAN	0.25	ECH-A	1547	1	241	1071	3		1
3C445	22 23 49.5	-2 6 14	FOC/96	IMAGE	512X512	F130M		1	600	1228	2		1
3C445	22 23 49.5	-2 6 14	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C445	22 23 49.5	-2 6 14	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C445	22 23 49.5	-2 6 14	FOC/288	IMAGE	512X512	F370LP		1	300	1228	2		1
3C445	22 23 49.5	-2 6 14	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
3C446	22 25 47.3	-4 57 1	HSP/UV2	STAR-SKY	0.4	F140LP		1	60	1099	2		10
3C446	22 25 47.3	-4 57 1	HSP/POL	STAR-SKY	POL0	F277M		1	66	1099	2		10
3C446	22 25 47.3	-4 57 1	HSP/POL	STAR-SKY	POL45	F277M		1	66	1099	2		10
3C446	22 25 47.3	-4 57 1	HSP/POL	STAR-SKY	POL90	F277M		1	66	1099	2		10
3C446	22 25 47.3	-4 57 1	HSP/POL	STAR-SKY	POL135	F277M		1	66	1099	2		10
2223-052	22 25 47.4	-4 57 2	FOC/288	IMAGE	512X512	F342W		1	300	1236	2		1
KRUGER-60B	22 28 5.2	57 42 9	WFC	IMAGE	W4	F606W		1	80	1109	1		6
NGC7293	22 29 36.1	-20 47 11	WFC	IMAGE	ALL	F469N		1	2100	1107	0		1
NGC7293	22 29 36.1	-20 47 11	WFC	IMAGE	ALL	F656N		1	2100	1107	0		1
NGC7293	22 29 36.1	-20 47 11	WFC	IMAGE	ALL	F658N		1	2100	1107	0		1
NGC7293	22 29 36.1	-20 47 11	WFC	IMAGE	ALL	F656N		1	2100	1107	2		1
PK36-57D1	22 29 38.7	-20 47 42	WFC	IMAGE	ALL	F122M		1	2400	1074	1		1
PK36-57D1	22 29 38.7	-20 47 42	WFC	IMAGE	ALL	F284W		1	2400	1074	1		1
NGC7293	22 29 38.8	-20 50 12	FGS	POS	2	F550W		1	52	1000	1		8
NGC7293	22 29 38.8	-20 50 12	FGS	POS	2	F550W		1	52	1000	2		32
NGC7293	22 29 38.8	-20 50 12	FGS	POS	2	F550W		1	52	1000	3		8
NGC7293	22 29 38.8	-20 50 12	FGS	POS	2	F550W		1	52	2931	1		8
NGC7293	22 29 38.8	-20 50 12	FGS	POS	2	F550W		1	52	2931	2		32
NGC7293	22 29 38.8	-20 50 12	FGS	POS	2	F550W		1	52	2931	3		8
NGC7293	22 29 38.8	-20 50 12	FGS	TRANS	ANY	F583W		1	100	1000	1		1
NGC7293	22 29 38.8	-20 50 12	FGS	TRANS	ANY	F583W		1	100	2931	1		1
2227-395	22 30 32.9	-39 13 7	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	0		1
3C449	22 31 20.6	39 21 31	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
3C449	22 31 20.6	39 21 31	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
3C449	22 31 20.6	39 21 31	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C449	22 31 20.6	39 21 31	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
3C449	22 31 20.6	39 21 31	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
3C449	22 31 20.6	39 21 30	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C449	22 31 20.6	39 21 30	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-A	1530	1	414	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-A	1252	1	186	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-B	2370	1	103	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-A	1303	1	165	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-A	1356	1	393	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-A	1558	1	393	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-A	1240	1	227	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-A	1334	1	227	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-A	1392	1	455	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-B	1826	1	207	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-A	1191	1	124	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-A	1547	1	476	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-B	1805	1	186	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-B	2024	1	124	1071	2		1
HD214080	22 36 6.4	-16 23 16	HRS	WSCAN	0.25	ECH-B	2602	1	165	1071	2		1
PG2233+134	22 36 7.7	13 43 55	WFC	IMAGE	ALL	F702W		1	1000	1015	2		1
SKY-BG13	22 36 7.7	13 43 55*	FOS/RD	ACCUM	1.0	G650L	6232	1	1000	1015	1	PAR	1
CY-AQR	22 37 47.8	1 32 5	HSP/VIS	PRISM	1.0	F551W/F240W		1	7200	1103	1		1
2237+0305	22 40 29.8	3 21 29	PC	IMAGE	ALL	F555W		1	30	1116	0		1
2237+0305	22 40 29.8	3 21 29	PC	IMAGE	ALL	F555W		1	400	1116	0		1
2237+0305	22 40 29.8	3 21 29	PC	IMAGE	ALL	F725LP		1	400	1116	0		1
2237+0305	22 40 29.8	3 21 29	PC	IMAGE	ALL	F725LP		1	23	1116	0		1
G2237+0305	22 40 29.8	3 21 29	FOC/96	IMAGE	512X512	F2ND F342W		1	1800	1059	0		1
HD214994	22 41 45.4	29 18 27	HRS	ACCUM	0.25	ECH-A	1362	1	1800	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	ACCUM	0.25	ECH-B	1942	1	525	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	ACCUM	0.25	ECH-B	1739	1	1800	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	ACCUM	0.25	ECH-B	1849	1	465	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	ACCUM	0.25	ECH-B	1868	1	925	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	ACCUM	0.25	ECH-B	2354	1	290	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	ACCUM	0.25	ECH-B	2536	1	235	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	ACCUM	0.25	G160M	1268	1	710	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	ACCUM	0.25	G270M	3131	1	165	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	WSCAN	0.25	G200M	1858	1	875	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	ACCUM	0.25	ECH-A	1649	1	2655	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	WSCAN	0.25	G160M	1500	1	3815	1182	1		1
HD214994	22 41 45.4	29 18 27	HRS	WSCAN	0.25	G270M	2532	1	1425	1182	1		1
BD+43D4305	22 46 52.1	44 20 12	FOC/288	OCC	512X512-F0.4	F370LP		6	1200	1274	1		1
BD+43D4305	22 46 52.1	44 20 12	FOC/288	OCC	512X512-F0.4	F220W F278M F4ND		1	60	1274	1	ACQ	1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-A	1530	1	522	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-A	1240	1	287	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-B	2370	1	130	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-A	1334	1	287	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-A	1356	1	495	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-A	1392	1	574	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-A	1558	1	495	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-A	1252	1	234	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-A	1303	1	208	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-B	1826	1	261	1071	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-A	1191	1	156	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-A	1547	1	600	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-B	1805	1	234	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-B	2024	1	156	1071	3		1
HD215733	22 47 2.6	17 14 0	HRS	WSCAN	0.25	ECH-B	2602	1	208	1071	3		1
HD217789	22 48 33.2	-51 19 1	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD217789	22 48 33.2	-51 19 1	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD217789	22 48 33.2	-51 19 1	FOC/288	OCC	512X1024-F0.4	F342W POL0		1	300	1275	2		1
HD217789	22 48 33.2	-51 19 1	FOC/288	OCC	512X1024-F0.4	F486N F8ND		1	100	1275	2		1
HD217789	22 48 33.2	-51 19 1	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD217789	22 48 33.2	-51 19 1	FOC/288	OCC	512X1024-F0.4	F342W POL60		1	300	1275	2		1
HD217789	22 48 33.2	-51 19 1	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
HD217789	22 48 33.2	-51 19 1	FOC/288	OCC	512X1024-F0.4	F342W POL120		1	300	1275	2		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-A	1330	1	275	1182	3		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-A	1335	1	277	1182	3		1
HD215573	22 50 22.7	-80 7 26	HRS	WSCAN	0.25	G270M	2535	1	1003	1182	2		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-A	1362	1	260	1182	2		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-A	1649	1	980	1182	2		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-B	1942	1	235	1182	2		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	G270M	3131	1	92	1182	2		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-A	1378	1	290	1182	3		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-A	1677	1	564	1182	3		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-B	1739	1	235	1182	3		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-B	1783	1	160	1182	3		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-B	1801	1	148	1182	3		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-B	2082	1	88	1182	3		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-B	2354	1	130	1182	3		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-B	2536	1	117	1182	3		1
HD215573	22 50 22.7	-80 7 26	HRS	WSCAN	0.25	G160M	1484	1	842	1182	2		1
HD215573	22 50 22.7	-80 7 26	HRS	WSCAN	0.25	G200M	1859	1	391	1182	2		1
HD215573	22 50 22.7	-80 7 26	HRS	ACCUM	0.25	ECH-B	1849	1	189	1182	3		1
2247+140	22 50 25.4	14 19 52	FOS/RD	ACCUM	4.3	G650L	6000	1	30	1154	2		1
2247+140	22 50 25.4	14 19 52	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1154	2	ACQ	1
2247+140	22 50 25.4	14 19 52	FOS/RD	ACCUM	2.0-BAR	G650L	6000	1	1800	1154	2		1
3C454	22 51 34.7	18 48 40	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C454	22 51 34.7	18 48 40	FOC/96	IMAGE	512X512	F346M		1	600	1228	2		1
3C454	22 51 34.7	18 48 40	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
3C454	22 51 34.7	18 48 40	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C454	22 51 34.7	18 48 40	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
HD218385	22 52 24.1	9 50 9	HRS	ACCUM	0.25	G270M	2497	2	420	1064	3	CON SEL	1
3CR454.3	22 53 57.7	16 8 54	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1099	2		10
3C454.3	22 53 57.8	16 8 54	FOC/96	IMAGE	512X512	F320W		1	900	1228	1		1
3C454.3	22 53 57.8	16 8 54	FOC/96	IMAGE	512X512	F231M		1	600	1228	2		1
3C454.3	22 53 57.8	16 8 54	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C454.3	22 53 57.8	16 8 54	FOC/288	IMAGE	512X512	F370LP		1	900	1228	1		1
3C454.3	22 53 57.8	16 8 54	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
MR2251-178W	22 54 5.8	-17 34 55*	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	3500	1225	1		1
MR2251-178W	22 54 5.8	-17 34 55*	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1225	2		1
MR2251-178W	22 54 5.8	-17 34 55*	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	3600	1225	2		1
MR2251-178W	22 54 5.8	-17 34 55*	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	4400	1225	2		1
MR2251-178	22 54 5.8	-17 34 55	FOC/96	IMAGE	512X512	F130M		1	2400	1233	0		1
MR2251-178	22 54 5.8	-17 34 55	FOC/96	IMAGE	512X512	F190M		1	1200	1233	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MR2251-178	22 54 5.8	-17 34 55	FOC/96	IMAGE	512X512	F410M		1	1800	1233	0		1
MR2251-178	22 54 5.9	-17 34 55	WFC	IMAGE	ALL	F725LP		1	1700	1116	2		1
MR2251-178	22 54 5.9	-17 34 55	WFC	IMAGE	ALL	F725LP		1	212	1116	2		1
MR2251-178	22 54 5.9	-17 34 55	WFC	IMAGE	ALL	F725LP		1	2	1116	2		1
MR2251-178	22 54 5.9	-17 34 55	FOC/96	IMAGE	512X512	F130M	1270	1	4000	1225	2		1
MR2251-178	22 54 5.9	-17 34 55	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1000	1225	1		1
MR2251-178	22 54 5.9	-17 34 55	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1000	1225	2		1
MR2251-178	22 54 5.9	-17 34 55	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	4500	1225	1		1
MR2251-178	22 54 5.9	-17 34 55	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	2600	1225	2		1
MR2251-178	22 54 5.9	-17 34 55	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	7500	1225	2		1
MR2251-178	22 54 5.9	-17 34 55	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	4500	1225	1		1
MR2251-178	22 54 5.9	-17 34 55	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	7500	1225	2		1
4C11.72	22 54 10.4	11 36 39	PC	IMAGE	ALL	F128LP		1	708	1032	2	ACQ	1
4C11.72	22 54 10.4	11 36 39	PC	IMAGE	ALL	F725LP		1	708	1032	2	ACQ	1
4C11.72	22 54 10.4	11 36 39	FOS/RD	ACCUM	0.5	G650L		1	280	1032	2	CON SEL	1
4C11.72	22 54 10.4	11 36 39	FOS/RD	ACCUM	0.5	PRISM		1	280	1032	2	CON SEL	1
4C11.72	22 54 10.4	11 36 39	FOS/RD	ACQ/BINA	4.3	MIRROR		1	2	1032	2	ACQ CON	1
4C11.72	22 54 10.4	11 36 39	FOS/RD	ACCUM	0.7X2.0-BAR	G650L		1	2553	1032	2	CON SEL	1
4C11.72	22 54 10.4	11 36 39	FOS/RD	ACCUM	0.7X2.0-BAR	PRISM		1	2553	1032	2	CON SEL	1
4C11.72	22 54 10.4	11 36 39	FOS/RD	ACQ/PEAK	0.7X2.0-BAR	MIRROR		1	10	1032	2	ACQ CON	1
SKY1	22 54 10.4	11 36 39*	FOS/RD	ACCUM	0.7X2.0-BAR	G650L	6500	1	708	1032	2	PAR	2
PG2251+113	22 54 10.5	11 36 38	WFC	IMAGE	ALL	F702W		1	1000	1015	2		1
SKY-BG14	22 54 10.5	11 36 38*	FOS/RD	ACCUM	1.0	G650L	6232	1	1000	1015	1	PAR	1
AO-PSC	22 55 18.0	-3 10 40	FOS/BL	ACCUM	1.0	G130H		1	800	1051	2		2
AO-PSC	22 55 18.0	-3 10 40	FOS/BL	ACCUM	1.0	G190H		1	800	1051	2		1
AO-PSC	22 55 18.0	-3 10 40	FOS/BL	ACCUM	1.0	G270H		1	800	1051	2		2
AO-PSC	22 55 18.0	-3 10 40	FOS/BL	ACQ/BINA	4.3	MIRROR		1	0	1051	2	ACQ	1
AO-PSC	22 55 18.0	-3 10 40	FOS/BL	PERIOD	1.0	G160L		1	3434	1051	2		1
AO-PSC	22 55 18.0	-3 10 39	HSP/UV1	PRISM	1.0	F248M/F135W		1	12959	1090	1		1
FS1083-8	22 56 31.2	-8 46 34	WFC	IMAGE	ALL	F569W		1	0	1083	3	ACQ	2
FS1083-8	22 56 31.2	-8 46 34	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	3		2
IC1459	22 57 17.5	-36 24 57	FOC/96	IMAGE	512X512	F320W		1	600	1057	1		1
IC1459	22 57 17.5	-36 24 57	FOC/96	IMAGE	512X512	F502M		1	300	1057	1		1
IC1459	22 57 17.5	-36 24 57	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
IC1459	22 57 17.5	-36 24 57	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	7200	1057	2	CON	1
IC1459	22 57 17.5	-36 24 57	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	CON	1
FS1081-7	22 57 36.0	-8 37 30	HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	10080	1081	1		1
ALPHA-PSA	22 57 37.8	-29 37 12	WFC	IMAGE	ALL	F555W		1	70	1122	3		2
ALPHA-PSA	22 57 37.8	-29 37 12	WFC	IMAGE	ALL	F555W		1	1	1122	3		2
HD216956	22 57 38.9	-29 37 20	HRS	ACCUM	0.25	ECH-B20	2799	1	58	1171	2		1
HD216956	22 57 38.9	-29 37 20	HRS	ACCUM	0.25	ECH-B22	2589	1	58	1171	2		1
HD216956	22 57 38.9	-29 37 20	HRS	ACCUM	0.25	ECH-B22	2603	1	58	1171	2		1
HD216956	22 57 38.9	-29 37 20	HRS	ACCUM	0.25	ECH-B27	2064	1	58	1171	2		1
HD216956	22 57 38.9	-29 37 20	HRS	ACCUM	0.25	ECH-B28	2027	1	58	1171	2		1
HD216956	22 57 38.9	-29 37 20	HRS	ACCUM	0.25	G160M	1554	1	110	1171	2		1
HD216956	22 57 38.9	-29 37 20	HRS	ACCUM	0.25	ECH-B20	2854	1	58	1171	2		1
HD216956	22 57 38.9	-29 37 20	HRS	ACCUM	0.25	ECH-B25	2259	1	58	1171	2		1
HD216956	22 57 39.0	-29 37 20	FOC/96	OCC	512X1024-F0.4	F120M		1	600	1275	2		1
HD216956	22 57 39.0	-29 37 20	FOC/96	OCC	512X1024-F0.4	F210M		1	600	1275	2		1
HD216956	22 57 39.0	-29 37 20	FOC/96	OCC	512X1024-F0.4	F372M		1	600	1275	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD216956	22 57 39.0	-29 37 20	FOC/96	OCC	512X512-F0.4	F486N F8ND		1	100	1275	2		1
HD216956	22 57 39.0	-29 37 20	FOC/96	OCC	512X1024-F0.4	F320W POL0		1	600	1275	2		1
HD216956	22 57 39.0	-29 37 20	FOC/96	OCC	512X1024-F0.4	F320W POL60		1	600	1275	2		1
HD216956	22 57 39.0	-29 37 20	FOC/96	OCC	512X1024-F0.4	F320W POL120		1	600	1275	2		1
POINT2255-282INCA221-158	22 57 39.6	-28 8 49	S/C	POINTING	V1			1	0	1571	2		1
POINT2255-282INCA221-158	22 57 39.6	-28 8 49	S/C	POINTING	V1			1	0	1571	3		1
INCA221-158	22 57 42.7	-27 57 58	FGS	POS	2	F5ND		1	51	1571	2		2
INCA221-158	22 57 42.7	-27 57 58	FGS	POS	2	F5ND		1	51	1571	3		2
2255-282INCA221-158	22 58 6.0	-27 58 21	FGS	POS	2	F550W		1	51	1571	2		1
2255-282INCA221-158	22 58 6.0	-27 58 21	FGS	POS	2	F583W		1	51	1571	2		2
2255-282INCA221-158	22 58 6.0	-27 58 21	FGS	POS	2	F550W		1	51	1571	3		1
2255-282INCA221-158	22 58 6.0	-27 58 21	FGS	POS	2	F583W		1	51	1571	3		2
MKN1126	23 0 47.8	-12 55 8	FOC/96	IMAGE	512X512	F502M	4950	1	400	1227	2		1
MKN1126	23 0 47.8	-12 55 8	FOC/96	IMAGE	512X512	F550M	5470	1	400	1227	2		1
MKN1126	23 0 47.8	-12 55 8	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	600	1227	2		1
MKN1126	23 0 47.8	-12 55 8	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	400	1227	2		1
1E2259+586	23 1 7.8	58 52 46	PC	IMAGE	ALL	F702W		1	1800	1098	2	ACQ	1
1E2259+586	23 1 7.8	58 52 46	HSP/VIS	SINGLE	0.4	F160LP		1	1200	1098	2	CON	2
1E2259+586	23 1 7.8	58 52 46	FOS/RD	ACCUM	0.3	G650L	6000	1	1800	1098	2	CON	1
NGC7469	23 3 15.6	8 52 26	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
NGC7469	23 3 15.6	8 52 26	FOC/288	IMAGE	512X512	F320W		1	300	1228	2		1
NGC7469	23 3 15.6	8 52 26	FOC/288	IMAGE	512X512	F372M		1	600	1228	2		1
NGC7469	23 3 15.6	8 52 26	FOC/288	IMAGE	512X512	F502M		1	600	1228	2		1
NGC7469	23 3 15.6	8 52 26	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC7469	23 3 15.6	8 52 25	FOC/96	IMAGE	512X512	F152M	1500	1	600	1227	1		1
NGC7469	23 3 15.6	8 52 25	FOC/96	IMAGE	512X512	F502M	4950	1	600	1227	1		1
NGC7469	23 3 15.6	8 52 25	FOC/96	IMAGE	512X512	F120M	1215	1	600	1227	1		1
NGC7469	23 3 15.6	8 52 25	FOC/96	IMAGE	512X512	F550M	5470	1	600	1227	1		1
NGC7469	23 3 15.6	8 52 25	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	800	1227	2		1
NGC7469	23 3 15.6	8 52 25	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	600	1227	2		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G200M	1760	1	300	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G200M	1800	1	300	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G140L	1590	1	1440	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G270M	2992	1	300	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G270M	3032	1	300	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G200M	1944	1	360	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G200M	1982	1	360	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G200M	2018	1	360	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G200M	2056	1	360	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G270M	2916	1	240	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G270M	2952	1	240	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G270M	2836	1	240	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G270M	2876	1	240	1170	3		1
MCG-2-58-22	23 4 43.5	-8 41 9	HRS	ACCUM	2.0	G140L	1315	1	1019	1170	3		1
PG2302+029	23 4 45.0	3 11 46	FOS/RD	ACCUM	0.5	PRISM	3500	1	375	1026	1		1
PG2302+029	23 4 45.0	3 11 46	FOS/BL	ACCUM	0.5	G130H	1300	1	5000	1026	1		1
PG2302+029	23 4 45.0	3 11 46	FOS/RD	ACCUM	0.5	G190H	1900	1	2500	1026	1		1
PG2302+029	23 4 45.0	3 11 46	FOS/RD	ACCUM	0.5	G270H	2700	1	2500	1026	1		1
PG2302+029	23 4 45.0	3 11 46	FOS/BL	ACQ/BINA	4.3	MIRROR		1	13	1026	1	ACQ	1
PG2302+029	23 4 45.0	3 11 46	FOS/RD	ACQ/BINA	4.3	MIRROR		1	13	1026	1	ACQ	1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
2305+187	23 7 45.6	19 1 22	FOS/RD	ACCUM	4.3	G650L	6000	1	30	1154	1		1
2305+187	23 7 45.6	19 1 22	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1154	1	ACQ	1
2305+187	23 7 45.6	19 1 22	FOS/RD	ACCUM	2.0-BAR	G650L	6000	1	1800	1154	1		1
2305+187	23 7 45.7	19 1 15	WFC	IMAGE	ALL	F157W		1	500	1157	0		1
2305+187	23 7 45.7	19 1 15	WFC	IMAGE	ALL	F284W		1	300	1157	0		1
2305+187	23 7 45.7	19 1 15	WFC	IMAGE	ALL	F656N		1	800	1157	0		1
2305+187	23 7 45.7	19 1 15	WFC	IMAGE	ALL	F814W		1	50	1157	0		1
OFFSET-2305+187	23 7 45.9	19 1 23*	FOS/RD	ACCUM	2.0-BAR	PRISM	3675	1	1800	1154	1		1
DY-PEG	23 8 51.1	17 12 56	HSP/VIS	PRISM	1.0	F551W/F240W		1	7200	1103	1		1
PG2308+098	23 11 17.8	10 8 16	FOS/RD	ACCUM	0.5	PRISM	3500	1	320	1026	0		1
PG2308+098	23 11 17.8	10 8 16	FOS/RD	ACCUM	0.5	G190H	1900	1	3000	1026	0		1
PG2308+098	23 11 17.8	10 8 16	FOS/BL	ACCUM	0.5	G130H	1300	1	4040	1026	0		1
PG2308+098	23 11 17.8	10 8 16	FOS/RD	ACCUM	0.5	G270H	2700	1	640	1026	0		1
PG2308+098	23 11 17.8	10 8 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1026	0	ACQ	1
PG2308+098	23 11 17.8	10 8 16	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	1026	0	ACQ	1
PKS2308+098	23 11 18.4	10 8 14	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1163	2	ACQ	1
PKS2308+098	23 11 18.4	10 8 14	FOS/BL	ACCUM	1.0	G190H	1944	1	900	1163	2		1
PKS2308+098	23 11 18.4	10 8 14	FOS/BL	ACCUM	1.0	G270H	2766	1	600	1163	2		1
PKS2308+098	23 11 18.4	10 8 14	FOS/BL	ACCUM	1.0	G130H	1379	1	1800	1163	2		1
NGC7507	23 12 8.8	-28 32 50	FOC/96	IMAGE	512X512	F320W		1	600	1057	1		1
NGC7507	23 12 8.8	-28 32 50	FOC/96	IMAGE	512X512	F502M		1	300	1057	1		1
NGC7507	23 12 8.8	-28 32 50	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC7507	23 12 8.8	-28 32 50	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC7507	23 12 8.8	-28 32 50	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
NGC7538	23 13 45.4	61 28 11	WFC	IMAGE	ALL	F702W		2	300	1138	2		1
NGC7538	23 13 45.4	61 28 11	WFC	IMAGE	ALL	F850LP		2	200	1138	2		1
NGC7538	23 13 45.4	61 28 11	WFC	IMAGE	ALL	F850LP		2	1000	1138	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-A	1530	1	432	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-B	2370	1	108	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-A	1240	1	237	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-A	1334	1	237	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-A	1392	1	475	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-A	1252	1	194	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-A	1303	1	172	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-A	1356	1	410	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-A	1558	1	410	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-B	1826	1	216	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-A	1547	1	496	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-A	1191	1	129	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-B	1805	1	194	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-B	2024	1	129	1071	2		1
HD219188	23 14 0.6	4 59 50	HRS	WSCAN	0.25	ECH-B	2602	1	172	1071	2		1
NGC7582	23 18 23.2	-42 22 14	FOC/96	IMAGE	512X512	F502M	4950	1	300	1227	2		1
NGC7582	23 18 23.2	-42 22 14	FOC/96	IMAGE	512X512	F550M	5470	1	300	1227	2		1
NGC7582	23 18 23.2	-42 22 14	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	300	1227	2		1
NGC7582	23 18 23.2	-42 22 14	FOC/48	SPEC	256X1024-SLIT	G450M	4450	1	300	1227	2		1
CAS-A	23 23 26.8	58 49 8	WFC	IMAGE	ALL	F336W		1	1200	1098	2		1
CAS-A	23 23 26.8	58 49 8	WFC	IMAGE	ALL	F702W		1	1200	1098	2	ACQ	1
CAS-A	23 23 26.8	58 49 8	HSP/VIS	SINGLE	0.4	F160LP		1	1200	1098	2	CON	2
CAS-A	23 23 26.8	58 49 8	FOS/RD	ACCUM	0.3	G650L	6000	1	1800	1098	2	CON	1
POINT-CP2.2	23 24 27.5	28 20 59	S/C	POINTING	V1			1	0	1014	2	CON	1
POINT-CP2.1	23 25 59.0	28 32 29	S/C	POINTING	V1			1	0	1014	1		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
2326-477INCA221-162	23 29 17.6	-47 30 19	FGS	POS	2	F583W		1	51	1571	2		3
2326-477INCA221-162	23 29 17.6	-47 30 19	FGS	POS	2	F583W		1	51	1571	3		3
POINT2326-477INCA221-162	23 29 32.4	-47 42 20	S/C	POINTING	V1			1	0	1571	2		1
POINT2326-477INCA221-162	23 29 32.4	-47 42 20	S/C	POINTING	V1			1	0	1571	3		1
INCA221-162	23 30 28.5	-47 34 15	FGS	POS	2	F5ND		1	51	1571	2		2
INCA221-162	23 30 28.5	-47 34 15	FGS	POS	2	F5ND		1	51	1571	3		2
NGC7714	23 36 14.1	2 9 18	PC	IMAGE	ALL	F230W		1	1000	1041	0	ACQ	1
NGC7714	23 36 14.1	2 9 18	PC	IMAGE	ALL	F547M		1	200	1041	0	ACQ	1
NGC7714	23 36 14.1	2 9 18	PC	IMAGE	ALL	F664N		1	1000	1041	0	ACQ	1
NGC7714	23 36 14.1	2 9 18	FOS/BL	ACCUM	0.3	G160L		1	1000	1041	1	CON SEL	1
NGC7714	23 36 14.1	2 9 18	FOS/RD	ACCUM	0.3	G270H		1	500	1041	1	CON SEL	1
NGC7714	23 36 14.1	2 9 18	FOS/RD	ACCUM	0.3	G400H		1	200	1041	1	CON SEL	1
NGC7714	23 36 14.1	2 9 18	FOS/RD	ACCUM	0.3	G570H		1	200	1041	1	CON SEL	1
NGC7714-OFF	23 36 14.1	2 9 18*	FOS/BL	ACCUM	0.3	G160L		1	1000	1041	1	CON SEL	1
NGC7714-OFF	23 36 14.1	2 9 18*	FOS/RD	ACCUM	0.3	G270H		1	500	1041	1	CON SEL	1
NGC7714-OFF	23 36 14.1	2 9 18*	FOS/RD	ACCUM	0.3	G400H		1	200	1041	1	CON SEL	1
NGC7714-OFF	23 36 14.1	2 9 18*	FOS/RD	ACCUM	0.3	G570H		1	200	1041	1	CON SEL	1
NGC7714-OFFSET-STAR	23 36 14.1	2 9 18*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	1041	1	ACQ CON	1
NGC7714	23 36 14.3	2 9 17	WFC	IMAGE	ALL	F336W		1	6	1187	0	ACQ	1
NGC7714	23 36 14.3	2 9 17	WFC	IMAGE	ALL	F336W		1	30	1187	0	ACQ	1
NGC7714	23 36 14.3	2 9 17	WFC	IMAGE	ALL	F439W		1	9	1187	0	ACQ	1
NGC7714	23 36 14.3	2 9 17	WFC	IMAGE	ALL	F664N		1	30	1187	0	ACQ	1
NGC7714	23 36 14.3	2 9 17	WFC	IMAGE	ALL	G450L		1	30	1187	0	ACQ	1
NGC7714	23 36 14.3	2 9 17	WFC	IMAGE	ALL	F230W		1	12	1187	0	ACQ	1
NGC7714	23 36 14.3	2 9 17	WFC	IMAGE	ALL	F230W		1	120	1187	0	ACQ	1
NGC7714	23 36 14.3	2 9 17	WFC	IMAGE	ALL	F569W		1	1	1187	0	ACQ	1
NGC7714	23 36 14.3	2 9 17	WFC	IMAGE	ALL	F675W		1	2	1187	0	ACQ	1
NGC7714	23 36 14.3	2 9 17	HRS	ACCUM	2.0	G140L	1300	1	1200	1187	1		1
NGC7714	23 36 14.3	2 9 17	HRS	ACCUM	2.0	G140L	1800	1	1380	1187	1		1
NGC7714	23 36 14.3	2 9 17	HRS	ACCUM	2.0	G140L	1550	1	1019	1187	1		1
NGC7714	23 36 14.3	2 9 17	HRS	ACCUM	2.0	G270M	2600	1	1019	1187	1		1
NGC7714-OFFSET-STARS-FIELD	23 36 14.8	2 9 25*	WFC	IMAGE	ALL	F606W		1	15	1041	0	ACQ	1
3C465E	23 38 29.4	27 1 55	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
3C465E	23 38 29.4	27 1 55	FOC/96	IMAGE	512X512	F370LP		1	300	1228	2		1
3C465E	23 38 29.4	27 1 55	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C465E	23 38 29.4	27 1 55	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
NGC7720	23 38 29.4	27 1 55	FOC/96	IMAGE	512X512	F502M		1	600	1058	2		1
NGC7720	23 38 29.4	27 1 55	FOC/96	IMAGE	512X512	F320W		1	1200	1058	2		1
NGC7720	23 38 29.4	27 1 55	FOC/288	IMAGE	128X128	F320W		1	600	1057	2	CON	1
NGC7720	23 38 29.4	27 1 55	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC7720	23 38 29.4	27 1 55	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
3C465N	23 38 29.4	27 1 53	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
3C465N	23 38 29.4	27 1 53	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
4C04.81	23 40 58.0	4 31 15	FOC/96	IMAGE	512X512	F437M		1	900	1228	1		1
4C04.81	23 40 58.0	4 31 15	FOC/96	IMAGE	512X512	F320W		1	300	1228	2		1
4C04.81	23 40 58.0	4 31 15	FOC/96	IMAGE	512X512	F370LP		1	600	1228	1		1
4C04.81	23 40 58.0	4 31 15	FOC/48	IMAGE	512X512	F180LP		1	600	1228	2	CON	1
4C04.81	23 40 58.0	4 31 15	FOC/48	SPEC	256X1024-SLIT	GRAT-PRISM		1	1200	1228	2	CON	1
ROSS248	23 41 55.0	44 10 39	FOC/96	OCC	512X512-F0.4	F370LP		1	900	1274	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
ROSS-248	23 41 55.2	44 11 50	WFC	IMAGE	W4	F606W		1	200	1109	1		6
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X512	F190M		1	300	1253	0		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X512	F278M		1	300	1253	0		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X512	F372M		1	300	1253	0		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X512	F486N		1	300	1253	0		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X512	F501N		1	300	1253	0		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X512	F120M		1	300	1253	1		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X1024	F120M		1	300	1253	0		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X1024	F501N		1	600	1253	0		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/288	IMAGE	512X512	F190M		1	300	1253	1		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/288	IMAGE	512X512	F501N		1	300	1253	1		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X512	F2ND F501N		1	300	1253	1		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X512	F140W PRISM1		1	300	1253	1		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X512	F342W PRISM2		1	300	1253	1		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X1024	F195W PRISM1		1	300	1253	0		1
CENTER-R-AQR	23 43 49.6	-15 17 0*	FOC/96	IMAGE	512X1024	F275W PRISM2		1	300	1253	0		1
NGC7742	23 44 15.7	10 46 1	WFC	IMAGE	ALL	F555W		1	30	1105	3		1
NGC7742	23 44 15.7	10 46 1	WFC	IMAGE	ALL	F702W		1	30	1105	3		1
NGC7742	23 44 15.7	10 46 1	WFC	IMAGE	ALL	F555W		1	230	1105	3		1
NGC7742	23 44 15.7	10 46 1	WFC	IMAGE	ALL	F555W		1	1400	1105	3		1
NGC7742	23 44 15.7	10 46 1	WFC	IMAGE	ALL	F702W		1	230	1105	3		1
NGC7742	23 44 15.7	10 46 1	WFC	IMAGE	ALL	F702W		1	1400	1105	3		1
NGC7742	23 44 15.7	10 46 1	WFC	IMAGE	ALL	F785LP		1	30	1105	3		1
NGC7742	23 44 15.7	10 46 1	WFC	IMAGE	ALL	F785LP		1	230	1105	3		1
NGC7742	23 44 15.7	10 46 1	WFC	IMAGE	ALL	F785LP		1	1400	1105	3		1
SX-PHE	23 46 31.8	-41 34 12	HSP/VIS	PRISM	1.0	F551W/F240W		1	7200	1103	1		1
QS02345+007B	23 48 19.2	0 57 17*	HSP/POL	PEAKUP	6.0	F160LP		1	60	1096	1	ACQ	4
QS02345+007B	23 48 19.2	0 57 17*	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1096	1	ACQ	1
QS02345+007B	23 48 19.2	0 57 17*	HSP/POL	STAR-SKY	POL0	F277M		1	800	1096	1		3
QS02345+007B	23 48 19.2	0 57 17*	HSP/POL	STAR-SKY	POL0	F277M		1	1600	1096	1		1
QS02345+007B	23 48 19.2	0 57 17*	HSP/POL	STAR-SKY	POL45	F277M		1	800	1096	1		3
QS02345+007B	23 48 19.2	0 57 17*	HSP/POL	STAR-SKY	POL90	F277M		1	800	1096	1		3
QS02345+007B	23 48 19.2	0 57 17*	HSP/UV2	STAR-SKY	0.4-A	F284M		1	60	1096	1		1
QS02345+007B	23 48 19.2	0 57 17*	HSP/UV2	STAR-SKY	0.4-B	F248M		1	60	1096	1		1
QS02345+007B	23 48 19.2	0 57 17*	HSP/POL	STAR-SKY	POL45	F277M		1	1600	1096	1		1
QS02345+007B	23 48 19.2	0 57 17*	HSP/POL	STAR-SKY	POL90	F277M		1	1600	1096	1		1
QS02345+007B	23 48 19.2	0 57 17*	HSP/VIS	STAR-SKY	0.4-A	F551W		1	120	1096	1		1
QS02345+007B	23 48 19.2	0 57 17*	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1096	1		1
QS02345+007B	23 48 19.2	0 57 17*	HSP/POL	STAR-SKY	POL135	F277M		1	800	1096	1		3
QS02345+007B	23 48 19.2	0 57 17*	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	120	1096	1		30
QS02345+007B	23 48 19.2	0 57 17*	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	120	1096	2		26
QS02345+007B	23 48 19.2	0 57 17*	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	120	1096	3		22
QS02345+007B	23 48 19.2	0 57 17*	HSP/POL	STAR-SKY	POL135	F277M		1	1600	1096	1		1
2345+007	23 48 19.4	0 57 18	WFC	IMAGE	ALL	F555W		1	400	1116	1		1
2345+007	23 48 19.4	0 57 18	WFC	IMAGE	ALL	F725LP		1	280	1116	1		1
2345+007	23 48 19.4	0 57 18	WFC	IMAGE	ALL	F725LP		1	1330	1116	1		1
Q2345+07	23 48 19.6	0 57 21	FOC/96	IMAGE	512X512	F342W		1	1800	1059	1		1
QS02345+007A	23 48 19.6	0 57 21	HSP/UV2	PEAKUP	10.0	F140LP		1	60	1096	1	ACQ	4
QS02345+007A	23 48 19.6	0 57 21	HSP/VIS	PEAKUP	10.0	F160LP		1	60	1096	1	ACQ	1
QS02345+007A	23 48 19.6	0 57 21	HSP/POL	STAR-SKY	POL0	F277M		1	800	1096	1		3
QS02345+007A	23 48 19.6	0 57 21	HSP/POL	STAR-SKY	POL0	F277M		1	1600	1096	1		1
QS02345+007A	23 48 19.6	0 57 21	HSP/POL	STAR-SKY	POL45	F277M		1	800	1096	1		3

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
QSO2345+007A	23 48 19.6	0 57 21	HSP/POL	STAR-SKY	POL90	F277M		1	800	1096	1		3
QSO2345+007A	23 48 19.6	0 57 21	HSP/UV2	STAR-SKY	0.4-A	F284M		1	60	1096	1		1
QSO2345+007A	23 48 19.6	0 57 21	HSP/UV2	STAR-SKY	0.4-B	F248M		1	60	1096	1		1
QSO2345+007A	23 48 19.6	0 57 21	HSP/VIS	STAR-SKY	0.4-A	F551W		1	60	1096	1		1
QSO2345+007A	23 48 19.6	0 57 21	HSP/POL	STAR-SKY	POL45	F277M		1	1600	1096	1		1
QSO2345+007A	23 48 19.6	0 57 21	HSP/POL	STAR-SKY	POL90	F277M		1	1600	1096	1		1
QSO2345+007A	23 48 19.6	0 57 21	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1096	1		31
QSO2345+007A	23 48 19.6	0 57 21	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1096	2		26
QSO2345+007A	23 48 19.6	0 57 21	HSP/UV2	STAR-SKY	0.4-D	F140LP		1	60	1096	3		22
QSO2345+007A	23 48 19.6	0 57 21	HSP/POL	STAR-SKY	POL135	F277M		1	800	1096	1		3
QSO2345+007A	23 48 19.6	0 57 21	HSP/POL	STAR-SKY	POL135	F277M		1	1600	1096	1		1
HD223385	23 48 50.2	62 12 52	HRS	ACCUM	0.25	G160M	1390	1	180	1152	2		2
HD223385	23 48 50.2	62 12 52	HRS	ACCUM	0.25	G160M	1545	1	120	1152	2		2
NGC7768	23 50 58.4	27 8 50	FOC/96	IMAGE	512X512	F320W		1	600	1057	2		1
NGC7768	23 50 58.4	27 8 50	FOC/96	IMAGE	512X512	F502M		1	300	1057	2		1
NGC7768	23 50 58.4	27 8 50	FOC/288	IMAGE	512X512	F320W		1	600	1057	2	CON	1
NGC7768	23 50 58.4	27 8 50	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	12000	1057	2	CON	1
NGC7768	23 50 58.4	27 8 50	FOC/48	IMAGE	128X128-ASLIT	F430W	3920	1	100	1057	2	ACQ CON	1
NGC7768-NUC	23 50 58.4	27 8 50	PC	IMAGE	ALL	F785LP		1	1000	1118	2		2
PKS2349-01	23 51 56.1	-1 9 13	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	1
PKS2349-01	23 51 56.1	-1 9 13	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1025	2	ACQ	2
PKS2349-01	23 51 56.1	-1 9 13	FOS/RD	ACCUM	1.0	G190H	1980	1	600	1025	2		1
PKS2349-01	23 51 56.1	-1 9 13	FOS/RD	ACCUM	1.0	G270H	2753	1	600	1025	2		1
PKS2349-01	23 51 56.1	-1 9 13	FOS/BL	ACCUM	1.0	G160L	1837	1	120	1025	2		1
2351-154	23 54 30.1	-15 13 12	FOC/288	IMAGE	512X512	F1ND F342W		1	300	1236	0		1
3C470	23 58 36.0	44 4 47	WFC	IMAGE	ALL	F785LP		2	2700	1070	1		1
2359+068	23 58 40.5	7 9 55	FOC/96	IMAGE	512X512	PRISM1	3575	1	900	1235	1		1

4.2 SOLAR-SYSTEM OBSERVATIONS FOR GTO PROGRAMS

Solar System Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
1-CERES	(S)		PC	IMAGE	ALL-ND	F555W		1	4	1125	1		4
1-CERES	(S)		FOC/288	IMAGE	256X256	F278M		1	600	1268	1	CON SEL	3
10-HYGIEA	(S)		FOC/288	IMAGE	256X256	F346M		1	600	1268	2		2
12-VICTORIA	(S)		PC	IMAGE	ALL-ND	F555W		1	40	1125	2		4
13-EGERIA	(S)		FOC/288	IMAGE	256X256	F346M		1	600	1268	2		2
15-EUNOMIA	(S)		FOC/288	IMAGE	256X256	F307M		1	600	1268	2		2
16-PSYCHE	(S)		FOC/288	IMAGE	256X256	F346M		1	600	1268	2		2
1620-GEOGRAPHOS	(S)		FOC/288	IMAGE	256X256	F372M		1	600	1268	2		2
18-MELPOMENE	(S)		PC	IMAGE	ALL-ND	F555W		1	10	1125	2		4
18-MELPOMENE	(S)		FOC/288	IMAGE	256X256	F346M		1	600	1268	2		2
2-PALLAS	(S)		PC	IMAGE	ALL-ND	F555W		1	4	1125	3		4
2-PALLAS	(S)		FOC/288	IMAGE	256X256	F307M		1	600	1268	1	CON SEL	3
216-KLEOPATRA	(S)		PC	IMAGE	ALL-ND	F555W		1	50	1125	2		4
29-AMPHITRITE	(S)		PC	IMAGE	ALL-ND	F555W		1	30	1125	3		4
29-AMPHITRITE	(S)		FOC/288	IMAGE	256X256	F346M		1	600	1268	2		2
3-JUNO	(S)		FOC/288	IMAGE	256X256	F307M		1	600	1268	1	CON SEL	3
4-VESTA	(S)		PC	IMAGE	ALL-ND	F555W		1	4	1125	3		4
4-VESTA	(S)		FOC/288	IMAGE	256X256	F278M		1	600	1268	1	CON SEL	3
51-NEMAUSA	(S)		FOC/288	IMAGE	256X256	F346M		1	600	1268	2		2
532-HERCULINA	(S)		PC	IMAGE	ALL-ND	F555W		1	20	1125	1		4
532-HERCULINA	(S)		FOC/288	IMAGE	256X256	F346M		1	600	1268	2		2
6-HEBE	(S)		PC	IMAGE	ALL-ND	F555W		1	4	1125	2		4
624-HECTOR	(S)		FOC/288	IMAGE	256X256	F372M		1	600	1268	2		2
7-IRIS	(S)		FOC/288	IMAGE	256X256	F307M		1	600	1268	2		2
9-METIS	(S)		FOC/288	IMAGE	256X256	F346M		1	600	1268	2		2
COMET-1979X	(S)		FOC/48	IMAGE	512X512	PRISM1		1	1800	1273	2		1
COMET-1979X	(S)		FOC/48	IMAGE	512X512	PRISM2		1	2400	1273	2		1
COMET-1979X	(S)		FOC/96	IMAGE	512X512	F231M	2320	1	3000	1273	2		1
COMET-1979X	(S)		FOC/96	IMAGE	512X512	F170M	1760	1	3600	1273	2		1
COMET-1979X	(S)		FOC/96	IMAGE	512X512	F278M	2780	1	1800	1273	2		1
COMET-1979X	(S)		FOC/96	IMAGE	512X512	F307M	3080	1	1200	1273	2		1
COMET-1979X	(S)		FOC/96	IMAGE	512X512	F190M	1975	1	3299	1273	2		1
COMET-HALLEY	(S)		WFC	IMAGE	ALL	F122M		1	1800	1291	1		1
EUROPA-EAST	(S)		FOC/288	IMAGE	512X512	F220W		1	900	1285	2		1
EUROPA-EAST	(S)		FOS/BL	ACCUM	4.3	G270H	2766	5	120	1285	2		1
EUROPA-WEST	(S)		FOC/288	IMAGE	512X512	F220W		1	900	1285	2		1
EUROPA-WEST	(S)		FOS/BL	ACCUM	4.3	G270H	2766	5	120	1285	2		1
GANYMEDE-CALIB	(S)		HRS	ACCUM	2.0	G200M	2116	3	1200	1285	0		1
GANYMEDE-CALIB	(S)		FOS/BL	ACCUM	4.3	G270H	2766	5	120	1285	0		1
HALLEY	(S)		HSP/PHOT	1APER	0.4	F400LP		1	2400	1085	1		6
IO	(S)		PC	IMAGE	ALL	F284W		1	60	1128	0		7
IO	(S)		FOC/96	IMAGE	512X512	F253M		1	600	1269	0		1
IO	(S)		FOC/96	IMAGE	512X1024	F120M		1	600	1269	0		1
IO	(S)		HRS	ACCUM	2.0	G140L	1216	2	1200	1204	2		1
IO	(S)		HRS	ACCUM	2.0	G160M	1216	2	1200	1204	2		1
IO	(S)		FOC/96	IMAGE	512X512	F140W PRISM1		1	600	1269	0		1
IO	(S)		FOC/96	IMAGE	512X512	F165W PRISM1		1	600	1269	0		1
IO-A	(S)		HRS	IMAGE	2.0	MIRROR-N2		1	180	1206	2	CON	1
IO-A	(S)		HRS	ACCUM	2.0	G140L	1830	2	900	1206	1		1
IO-A	(S)		HRS	ACCUM	2.0	G140L	1375	2	900	1206	1		1
IO-B	(S)		HRS	ACCUM	2.0	G140L	1830	1	1800	1206	2	CON	1
IO-EAST	(S)		FOC/288	IMAGE	512X512	F220W		1	900	1285	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
IO-EAST	(S)		HRS	ACCUM	2.0	G200M	2116	3	1200	1285	0		1
IO-EAST	(S)		FOS/BL	ACCUM	4.3	G270H	2766	5	240	1285	0		1
IO-WEST	(S)		FOC/288	IMAGE	512X512	F220W		1	900	1285	1		1
IO-WEST	(S)		HRS	ACCUM	2.0	G200M	2116	3	1200	1205	1		1
IO-WEST	(S)		HRS	ACCUM	2.0	G200M	2116	3	1200	1285	1		1
IO-WEST	(S)		FOS/BL	ACCUM	4.3	G270H	2766	5	240	1285	1		1
JOVIAN-RING-POS1	(S)		FOS/RD	ACCUM	0.3	G650L	6000	1	1200	1080	2		6
JOVIAN-RING-POS2	(S)		FOS/RD	ACCUM	0.3	G650L	6000	1	1200	1080	2		6
JUPITER	(S)		PC	IMAGE	ALL	F336W		1	10	1126	0		14
JUPITER	(S)		PC	IMAGE	ALL	F439W		1	0	1126	0		14
JUPITER	(S)		PC	IMAGE	ALL	F889N		1	4	1126	0		14
JUPITER	(S)		WFC	IMAGE	W1	F194W		1	60	1126	1		1
JUPITER	(S)		WFC	IMAGE	W1	F230W		1	60	1126	1		1
JUPITER	(S)		PC	IMAGE	ALL	F718M		1	0	1126	0		14
JUPITER-A	(S)		HRS	ACCUM	2.0	G140L	1600	1	1200	1202	1		1
JUPITER-A	(S)		HRS	ACCUM	2.0	G160M	1608	1	900	1202	1		1
JUPITER-A	(S)		HRS	ACCUM	2.0	G140L	1292	1	1200	1202	1		1
JUPITER-ACQ1	(S)		PC	IMAGE	ALL	F439W		1	4	1288	1	ACQ	1
JUPITER-ACQ2	(S)		PC	IMAGE	ALL	F569W		1	1	1288	1		2
JUPITER-ACQ2	(S)		PC	IMAGE	ALL	F569W		1	2	1288	1	ACQ	1
JUPITER-AURORAN1	(S)		FOC/96	IMAGE	512X1024	F120M PRISM1		2	600	1269	1		2
JUPITER-AURORAN1	(S)		FOC/96	IMAGE	512X1024	F140W PRISM1		2	600	1269	1		1
JUPITER-AURORAN1	(S)		FOC/96	IMAGE	512X1024	F165W PRISM1		2	600	1269	1		1
JUPITER-AURORAN1	(S)		FOC/96	IMAGE	512X1024	F120M PRISM1		2	600	1269	2		2
JUPITER-AURORAN1	(S)		FOC/96	IMAGE	512X1024	F140W PRISM1		2	600	1269	2		1
JUPITER-AURORAN1	(S)		FOC/96	IMAGE	512X1024	F165W PRISM1		2	600	1269	2		1
JUPITER-AURORAN2	(S)		FOC/96	IMAGE	512X1024	F120M PRISM1		2	600	1269	1		2
JUPITER-AURORAN2	(S)		FOC/96	IMAGE	512X1024	F140W PRISM1		2	600	1269	1		1
JUPITER-AURORAN2	(S)		FOC/96	IMAGE	512X1024	F165W PRISM1		2	600	1269	1		1
JUPITER-AURORAN2	(S)		FOC/96	IMAGE	512X1024	F120M PRISM1		2	600	1269	2		2
JUPITER-AURORAN2	(S)		FOC/96	IMAGE	512X1024	F140W PRISM1		2	600	1269	2		1
JUPITER-AURORAN2	(S)		FOC/96	IMAGE	512X1024	F165W PRISM1		2	600	1269	2		1
JUPITER-AURORAS	(S)		FOC/96	IMAGE	512X1024	F120M PRISM1		2	600	1269	1		2
JUPITER-AURORAS	(S)		FOC/96	IMAGE	512X1024	F140W PRISM1		2	600	1269	1		1
JUPITER-AURORAS	(S)		FOC/96	IMAGE	512X1024	F165W PRISM1		2	600	1269	1		1
JUPITER-AURORAS	(S)		FOC/96	IMAGE	512X1024	F120M PRISM1		2	600	1269	2		2
JUPITER-AURORAS	(S)		FOC/96	IMAGE	512X1024	F140W PRISM1		2	600	1269	2		1
JUPITER-AURORAS	(S)		FOC/96	IMAGE	512X1024	F165W PRISM1		2	600	1269	2		1
JUPITER-B	(S)		HRS	ACCUM	2.0	G140L	1600	1	1200	1202	1		1
JUPITER-B	(S)		HRS	ACCUM	2.0	G140L	1292	1	1200	1202	1		1
JUPITER-CENTER	(S)		HRS	ACCUM	2.0	G140L	1375	1	600	1206	1	CAL	1
JUPITER-CENTER	(S)		HRS	ACCUM	2.0	G200M	2116	2	900	1205	1		1
JUPITER-CENTER	(S)		HRS	ACCUM	2.0	G160M	1208	1	1200	1203	2		1
JUPITER-EARLY	(S)		FOC/96	IMAGE	512X1024	F120M F140W		1	900	1203	2	ACQ	1
JUPITER-GRS1	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
JUPITER-GRS1	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	1		1
JUPITER-GRS2	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
JUPITER-GRS2	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	1		1
JUPITER-HOT-AURORA	(S)		HRS	ACCUM	2.0	G160M		1	1200	1203	2		1
JUPITER-HOT-AURORA	(S)		HRS	ACCUM	0.25	G160M		10	1200	1203	2		1
JUPITER-HOT-AURORA	(S)		FOC/96	IMAGE	512X1024	F120M F140W		1	900	1203	2		1
JUPITER-LIMB	(S)		FOC/96	IMAGE	512X512	F120M PRISM1		2	1200	1269	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
JUPITER-NEB1	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
JUPITER-NEB1	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	1		1
JUPITER-NEB2	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
JUPITER-NEB2	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	1		1
JUPITER-NEB3	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
JUPITER-NEB3	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	1		1
JUPITER-NORTH	(S)		FOC/96	IMAGE	512X1024	F120M F140W		2	1200	1269	1		1
JUPITER-NORTHPOLE	(S)		FOC/96	IMAGE	512X1024	F152M F175W		1	600	1286	1		2
JUPITER-NP0	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
JUPITER-NP0	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	1		1
JUPITER-NP180	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
JUPITER-NP180	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	1		1
JUPITER-NPR	(S)		HRS	ACCUM	2.0	G140L	1600	1	600	1202	1		1
JUPITER-NPR	(S)		HRS	ACCUM	2.0	G140L	1292	1	600	1202	1		1
JUPITER-NPR	(S)		HRS	ACCUM	2.0	G160M	1608	3	1200	1202	1		1
JUPITER-RING	(S)		PC	IMAGE	ALL	F889N		1	60	1127	2		4
JUPITER-SOUTHPOLE	(S)		FOC/96	IMAGE	512X1024	F152M F175W		1	600	1286	2		4
JUPITER-SP0	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	2		1
JUPITER-SP0	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	2		1
JUPITER-SP180	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	2		1
JUPITER-SP180	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	2		1
JUPITER-STZ1	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
JUPITER-STZ1	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	1		1
JUPITER-STZ2	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
JUPITER-STZ2	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	1		1
JUPITER-STZ3	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
JUPITER-STZ3	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	30	1288	1		1
MERCURY	(S)		PC	IMAGE	ALL	F889N		1	0	1123	3		1
MERCURY	(S)		PC	IMAGE	ALL	F336W		1	1	1123	3		1
MERCURY	(S)		PC	IMAGE	ALL	F517N		1	0	1123	3		1
MERCURY	(S)		PC	IMAGE	ALL	F1042M		1	0	1123	3		1
MP1108	(S)		FGS	POS	2	F583W		1	300	1014	1		2
MP1276	(S)		FGS	POS	2	F583W		1	300	1014	1	CON	4
MP1310	(S)		FGS	POS	2	F583W		1	300	1014	1		2
MP1320	(S)		FGS	POS	2	F583W		1	300	1014	1	CON	2
MP1626	(S)		FGS	POS	2	F583W		1	300	1014	1		2
MP1626	(S)		FGS	POS	2	F583W		1	300	1014	1	CON	4
MP2000	(S)		FGS	POS	2	F583W		1	300	1014	1		6
MP2000	(S)		FGS	POS	2	F583W		1	300	1014	1	CON	4
MP391	(S)		FGS	POS	2	F583W		1	300	1014	1		2
MP391	(S)		FGS	POS	2	F583W		1	300	1014	1	CON	2
MP434	(S)		FGS	POS	2	F583W		1	300	1014	1		2
MP619	(S)		FGS	POS	2	F583W		1	300	1014	1		4
MP619	(S)		FGS	POS	2	F583W		1	300	1014	1	CON	2
MP652	(S)		FGS	POS	2	F583W		1	300	1014	1		4
MP692	(S)		FGS	POS	2	F583W		1	300	1014	1		2
MP965	(S)		FGS	POS	2	F583W		1	300	1014	1	CON	4
NEPTUNE	(S)		PC	IMAGE	ALL	F569W		1	2	1134	1		5
NEPTUNE	(S)		PC	IMAGE	ALL	F675W		1	2	1134	1		5
NEPTUNE	(S)		PC	IMAGE	ALL	F439W		1	12	1134	1		5
NEPTUNE	(S)		PC	IMAGE	ALL	F889N		1	120	1134	1		5
NEPTUNE	(S)		PC	IMAGE	ALL	F889N		3	120	1134	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NEPTUNE	(S)		WFC	IMAGE	ALL	F889N		1	300	1134	1		1
NEPTUNE	(S)		WFC	IMAGE	ALL	F606W		1	2	1135	3		6
NEPTUNE	(S)		WFC	IMAGE	ALL	F194W		1	2400	1134	1		1
NEPTUNE	(S)		WFC	IMAGE	ALL	F230W		1	1800	1134	1		1
NEPTUNE	(S)		WFC	IMAGE	ALL	F284W		1	180	1134	1		1
NEPTUNE	(S)		WFC	IMAGE	ALL	F606W		1	260	1135	3		6
NEPTUNE	(S)		HRS	ACCUM	2.0	G140L	1657	3	1200	1202	1		1
NEPTUNE	(S)		HRS	ACCUM	2.0	G140L	1657	3	1200	1290	1		1
NEPTUNE	(S)		HRS	ACCUM	2.0	G140L	1292	6	1200	1202	2		1
NEPTUNE	(S)		FOC/96	IMAGE	512X512	F120M PRISM1		2	600	1269	2		1
NEPTUNE	(S)		FOC/96	IMAGE	512X512	F140W PRISM1		2	600	1269	2		1
NEPTUNE	(S)		FOC/96	IMAGE	512X512	F165W PRISM1		2	600	1269	2		1
NEPTUNE-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1086	1		4
NEPTUNE-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	180	1086	1		2
PLUTO	(S)		FOC/288	IMAGE	512X512	F342W		1	1080	1270	0		1
PLUTO	(S)		FOC/288	IMAGE	512X512	F275W		1	3600	1270	2		3
PLUTO	(S)		FOC/288	IMAGE	512X512	F342W		1	1080	1270	2		1
PLUTO-AND-CHARON	(S)		PC	IMAGE	P6	F569W		1	10	1136	1		8
PLUTO-AND-CHARON	(S)		PC	IMAGE	P6	F569W		1	200	1136	1		8
PLUTO-AND-CHARON	(S)		PC	IMAGE	P6	F791W		1	10	1136	1		4
PLUTO-AND-CHARON	(S)		PC	IMAGE	P6	F336W		1	350	1136	1		4
PLUTO-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1086	1		4
PLUTO-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	180	1086	1		2
PLUTO-CHARON1	(S)		PC	IMAGE	ANY	G800L	8000	1	1800	1292	1		1
PLUTO-CHARON2	(S)		PC	IMAGE	ANY	G800L	8000	1	1800	1292	1		1
S-CLOUD	(S)		HRS	ACCUM	2.0	G140L	1375	3	1200	1206	2	CON	1
SATURN	(S)		PC	IMAGE	ALL	F336W		1	50	1129	1		14
SATURN	(S)		PC	IMAGE	ALL	F439W		1	2	1129	1		14
SATURN	(S)		PC	IMAGE	ALL	F718M		1	1	1129	1		14
SATURN	(S)		PC	IMAGE	ALL	F889N		1	50	1130	0		2
SATURN	(S)		PC	IMAGE	ANY	F569W		1	2	1288	1	ACQ	1
SATURN	(S)		PC	IMAGE	ALL	F889N		1	14	1129	1		14
SATURN	(S)		PC	IMAGE	ANY	F368M		1	150	1288	1		1
SATURN	(S)		WFC	IMAGE	ALL	F606W		1	1	1131	1		6
SATURN	(S)		WFC	IMAGE	ALL	F606W		1	20	1131	1		6
SATURN+40	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
SATURN+40	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	60	1288	1		1
SATURN-ARING	(S)		HRS	ACCUM	2.0	G140L	1657	1	1700	1288	2		1
SATURN-ARING	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	100	1288	2		1
SATURN-AURORA	(S)		FOC/96	IMAGE	512X1024	F120M PRISM1		2	600	1269	2		4
SATURN-AURORA	(S)		FOC/96	IMAGE	512X1024	F140W PRISM1		2	600	1269	2		2
SATURN-AURORA	(S)		FOC/96	IMAGE	512X1024	F165W PRISM1		2	600	1269	2		2
SATURN-BRING	(S)		HRS	ACCUM	2.0	G140L	1657	1	1700	1288	2		1
SATURN-BRING	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	100	1288	2		1
SATURN-CENTER	(S)		HRS	ACCUM	2.0	G140L	1292	1	1200	1202	1		1
SATURN-CENTER	(S)		HRS	ACCUM	2.0	G160M	1208	1	2400	1202	1		1
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	90	1081	0	CON SEL	3

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Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	132	1081	0	CON SEL	4
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	138	1081	0	CON SEL	4
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	150	1081	0	CON SEL	4
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	276	1081	0	CON SEL	2
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	396	1081	0	CON SEL	2
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	378	1081	0	CON SEL	2
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	444	1081	0	CON SEL	2
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	150	1081	1		12
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	450	1081	1		6
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	125	1081	0	CON SEL	4
SATURN-CENTER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	401	1081	0	CON SEL	2
SATURN-EQ1	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
SATURN-EQ1	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	60	1288	1		1
SATURN-EQ2	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
SATURN-NORTH	(S)		FOC/96	IMAGE	512X1024	F152M F175W		1	5700	1286	1		1
SATURN-NPOLE	(S)		FOS/BL	ACCUM	2.0-BAR	G190H	1900	1	900	1288	1		1
SATURN-NPOLE	(S)		FOS/BL	ACCUM	2.0-BAR	G270H	2766	1	60	1288	1		1
SATURN-NPR	(S)		HRS	ACCUM	2.0	G140L	1600	3	1200	1202	2		1
SATURN-NPR	(S)		HRS	ACCUM	2.0	G140L	1292	1	1200	1202	1		1
SATURN-NPR	(S)		HRS	ACCUM	2.0	G160M	1208	1	2400	1202	1		1
SATURN-NPR	(S)		HRS	ACCUM	2.0	G160M	1608	3	1200	1202	2		1
SATURN-NPR	(S)		FOC/96	IMAGE	512X1024	F120M F140W		1	1200	1202	1		1
SATURN-NUV	(S)		FOC/96	IMAGE	512X1024	F210M F220W		1	600	1269	1		1
SATURN-RINGS	(S)		FOC/96	IMAGE	512X1024	F120M		1	1200	1269	2		1
SATURN-RINGS	(S)		FOC/96	IMAGE	512X1024	F152M		1	1200	1269	2		1
SATURNB-RING	(S)		PC	IMAGE	ALL	F336W		1	20	1130	2		4
SATURNB-RING	(S)		PC	IMAGE	ALL	F439W		1	2	1130	2		4
SATURNB-RING	(S)		PC	IMAGE	ALL	F569W		1	0	1130	2		4
SATURNB-RING	(S)		PC	IMAGE	ALL	F791W		1	0	1130	2		4
SATURNIAN-RING-POS1	(S)		FOS/RD	ACCUM	0.3	G650L	6000	3	180	1080	2		1
SATURNIAN-RING-POS1	(S)		FOS/RD	ACCUM	0.3	PRISM	4750	3	180	1080	2		1
SATURNIAN-RING-POS2	(S)		FOS/RD	ACCUM	0.3	G650L	6000	3	180	1080	2		1
SATURNIAN-RING-POS2	(S)		FOS/RD	ACCUM	0.3	PRISM	4750	3	180	1080	2		1
SATURNIAN-RING-POS3	(S)		FOS/RD	ACCUM	0.3	G650L	6000	3	180	1080	2		1
SATURNIAN-RING-POS3	(S)		FOS/RD	ACCUM	0.3	PRISM	4750	3	180	1080	2		1
SATURNIAN-RING-POS4	(S)		FOS/RD	ACCUM	0.3	G650L	6000	3	180	1080	2		1
SATURNIAN-RING-POS4	(S)		FOS/RD	ACCUM	0.3	PRISM	4750	3	180	1080	2		1
SATURNIAN-RING-POS5	(S)		FOS/RD	ACCUM	0.3	G650L	6000	3	180	1080	2		1
SATURNIAN-RING-POS5	(S)		FOS/RD	ACCUM	0.3	PRISM	4750	3	180	1080	2		1
SATURNIAN-RING-POS6	(S)		FOS/RD	ACCUM	0.3	G650L	6000	3	180	1080	2		1
SATURNIAN-RING-POS6	(S)		FOS/RD	ACCUM	0.3	PRISM	4750	3	180	1080	2		1

Solar System Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1082	1		8
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1082	2		2
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1082	3		4
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1082	4		2
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	1		2
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	2		4
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	3		2
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		4
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	2		1
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	3		2
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	4		1
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	1		1
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
STAR-IMAGE-JUPITER	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	3		1
STAR-IMAGE-MARS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	1		2
STAR-IMAGE-MARS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	2		4
STAR-IMAGE-MARS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	3		2
STAR-IMAGE-MARS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	1		1
STAR-IMAGE-MARS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
STAR-IMAGE-MARS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	3		1
STAR-IMAGE-NEPTUNE	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1082	1		2
STAR-IMAGE-NEPTUNE	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1082	2		4
STAR-IMAGE-NEPTUNE	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	1		2
STAR-IMAGE-NEPTUNE	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	2		4
STAR-IMAGE-NEPTUNE	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	3		2
STAR-IMAGE-NEPTUNE	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		1

Solar System Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
STAR-IMAGE-NEPTUNE	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	2		2
STAR-IMAGE-NEPTUNE	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	1		1
STAR-IMAGE-NEPTUNE	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
STAR-IMAGE-NEPTUNE	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	3		1
STAR-IMAGE-SATURN	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1082	1		2
STAR-IMAGE-SATURN	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1082	2		2
STAR-IMAGE-SATURN	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	1		2
STAR-IMAGE-SATURN	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	2		4
STAR-IMAGE-SATURN	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	3		2
STAR-IMAGE-SATURN	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		1
STAR-IMAGE-SATURN	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	2		1
STAR-IMAGE-SATURN	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	1		1
STAR-IMAGE-SATURN	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
STAR-IMAGE-SATURN	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	3		1
STAR-IMAGE-URANUS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1082	1		4
STAR-IMAGE-URANUS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1082	2		2
STAR-IMAGE-URANUS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	1		2
STAR-IMAGE-URANUS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	2		4
STAR-IMAGE-URANUS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	60	1083	3		2
STAR-IMAGE-URANUS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	1		2
STAR-IMAGE-URANUS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1082	2		1
STAR-IMAGE-URANUS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	1		1
STAR-IMAGE-URANUS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	2		2
STAR-IMAGE-URANUS	(S)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	1500	1083	3		1
TITAN	(S)		PC	IMAGE	ANY	F889N		1	660	1289	1		1
TITAN	(S)		PC	IMAGE	ANY	F850LP		1	60	1289	1	ACQ	1
TITAN	(S)		FOC/96	IMAGE	512X512	F120M		1	600	1269	1		1
TITAN	(S)		FOC/96	IMAGE	512X512	F220W		1	1080	1289	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
TITAN	(S)		HRS	ACCUM	2.0	G140L	1292	3	1200	1202	3		1
TITAN	(S)		FOS/BL	ACCUM	4.3	G190H	1900	1	7200	1289	1		1
TITAN	(S)		FOS/BL	ACCUM	4.3	G270H	2769	1	1800	1289	1		1
TITAN	(S)		FOC/96	IMAGE	512X512	F140W PRISM1		1	900	1269	1		1
URANIAN-RING-POS1	(S)		FOS/RD	ACCUM	0.3	G650L	6000	1	1200	1080	2		5
URANIAN-RING-POS2	(S)		FOS/RD	ACCUM	0.3	G650L	6000	1	1200	1080	2		5
URANUS	(S)		PC	IMAGE	ANY	F889N		1	900	1293	2	ACQ	1
URANUS	(S)		PC	IMAGE	ALL	F889N		3	60	1132	0		1
URANUS	(S)		PC	IMAGE	ANY	F850LP		1	30	1293	2		1
URANUS	(S)		PC	IMAGE	ANY	F555W		1	15	1290	2	ACQ	1
URANUS	(S)		PC	IMAGE	ANY	F487N		1	240	1293	2		1
URANUS	(S)		PC	IMAGE	ANY	F555W		1	15	1293	2		1
URANUS	(S)		WFC	IMAGE	ALL	F230W		1	900	1132	1		2
URANUS	(S)		WFC	IMAGE	ALL	F284W		1	60	1132	1		2
URANUS	(S)		WFC	IMAGE	ALL	F889N		1	300	1132	1		2
URANUS	(S)		WFC	IMAGE	ALL	F606W		1	2	1133	2		6
URANUS	(S)		WFC	IMAGE	ALL	F194W		1	1800	1132	1		2
URANUS	(S)		WFC	IMAGE	ALL	F606W		1	120	1133	2		6
URANUS	(S)		PC	IMAGE	P6	F439W	4353	1	20	1202	2	ACQ	1
URANUS	(S)		WFC	IMAGE	W1	F439W	4353	1	20	1202	0	ACQ	1
URANUS	(S)		HRS	ACCUM	2.0	G140L	1600	3	1200	1202	0		1
URANUS	(S)		HRS	ACCUM	2.0	G140L	1657	8	900	1290	2		1
URANUS	(S)		FOC/288	IMAGE	512X512	F220W		1	900	1290	2		1
URANUS	(S)		HRS	ACCUM	2.0	G160M	1608	3	1200	1202	0		1
URANUS	(S)		HRS	ACCUM	2.0	G140L	1292	3	1200	1202	2		1
URANUS	(S)		HRS	ACCUM	2.0	G160M	1208	3	1200	1202	2		1
URANUS	(S)		FOS/BL	ACCUM	4.3	G190H	1900	5	360	1290	2		1
URANUS	(S)		FOC/96	IMAGE	512X512	F210M F220W		1	600	1269	0		1
URANUS	(S)		FOC/96	IMAGE	512X512	F120M PRISM1		1	600	1269	0		1
URANUS	(S)		FOC/96	IMAGE	512X512	F140W PRISM1		1	600	1269	0		1
URANUS	(S)		FOC/96	IMAGE	512X512	F165W PRISM1		1	600	1269	0		1
URANUS-FEATURE1	(S)		FOS/RD	ACCUM	0.3	G650L	6000	1	240	1293	2		1
URANUS-FEATURE2	(S)		FOS/RD	ACCUM	0.3	G650L	6000	1	240	1293	2		1
URANUS-FEATURE3	(S)		FOS/RD	ACCUM	0.3	G650L	6000	1	240	1293	2		1
URANUS-FEATURE4	(S)		FOS/RD	ACCUM	0.3	G650L	6000	1	240	1293	2		1
VENUS	(S)		PC	IMAGE	ALL	F194W		1	60	1124	1		1
VENUS	(S)		PC	IMAGE	ALL	F230W		1	40	1124	1		1
VENUS	(S)		PC	IMAGE	ALL	F284W		1	4	1124	1		1
VENUS	(S)		PC	IMAGE	ALL	F336W		1	0	1124	1		1
VENUS	(S)		PC	IMAGE	ALL	F368M		1	0	1124	1		1

4.3 GENERIC-TARGET OBSERVATIONS FOR GTO PROGRAMS

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
ASTER-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1079	2	ACQ	1
ASTER-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1084	2	ACQ	3
ASTER-OCC	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	300	1079	2		2
ASTER-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1079	2		2
ASTER-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1084	2		6
CN-TBD	(G)		FOC/288	IMAGE	512X512	F501N		1	1200	1253	2		1
COMET	(G)		WFC	IMAGE	ALL	F128LP		1	300	1184	1	ACQ	1
COMET	(G)		FOS/BL	ACCUM	4.3	G190H		1	1800	1184	1		1
COMET	(G)		HRS	ACCUM	2.0	ECH-B	2820	1	60	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G140L	1300	1	900	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G270M	2890	1	900	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G140L	1550	1	3600	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G140L	1800	1	3600	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G270M	2190	1	1800	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G270M	2820	1	120	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	ECH-B	3085	1	60	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G270M	3085	1	60	1184	1	CON	1
COMET	(G)		FOS/BL	ACQ/PEAK	4.3	MIRROR		1	300	1184	1	ACQ	1
COMET	(G)		HRS	ACCUM	2.0	G270M	2576	1	300	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	ECH-A	1216	1	780	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	ECH-B	1807	1	2400	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	ECH-B	3142	1	120	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G140M	1216	1	1200	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G140M	1302	1	2400	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G160M	1561	1	4440	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G160M	1657	1	1200	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G200M	1816	1	3600	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G270M	2321	1	1500	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G270M	2663	1	2700	1184	1	CON	1
COMET	(G)		HRS	ACCUM	2.0	G270M	3142	1	240	1184	1	CON	1
COMET	(G)		FOS/BL	ACCUM	4.3	G130H	1379	1	900	1184	1		1
COMET	(G)		FOS/BL	ACCUM	4.3	G270H	2766	1	90	1184	1		1
COMET-NUC	(G)		HSP/PHOT	1APER	0.4	F400LP		1	2400	1085	1		6
COMET-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1079	2	ACQ	1
COMET-OCC	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	300	1079	2		2
COMET-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1079	2		2
COMET-X	(G)		PC	IMAGE	ALL	F439W		1	10	1137	1		2
COMET-X	(G)		PC	IMAGE	ALL	F439W		1	100	1137	1		1
COMET-X	(G)		PC	IMAGE	ALL	F517N		1	10	1137	1		2
COMET-X	(G)		PC	IMAGE	ALL	F517N		1	100	1137	1		1
COMET-X	(G)		PC	IMAGE	ALL	F555W		1	1	1137	1		2
COMET-X	(G)		PC	IMAGE	ALL	F555W		1	10	1137	1		1
COMET-X	(G)		PC	IMAGE	ALL	F702W		1	1	1137	1		2
COMET-X	(G)		PC	IMAGE	ALL	F702W		1	10	1137	1		1
DARK-EARTH	(G)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	300	1081	0	CON SEL CAL	10
DARK-EARTH	(G)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	300	1081	1	CAL	6
DARK-EARTH	(G)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	300	1082	1	CAL	16
DARK-EARTH	(G)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	300	1082	2	CAL	10

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
DARK-EARTH	(G)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	300	1082	3	CAL	4
DARK-EARTH	(G)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	300	1082	4	CAL	2
DARK-EARTH	(G)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	300	1083	1	CAL	10
DARK-EARTH	(G)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	300	1083	2	CAL	20
DARK-EARTH	(G)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	300	1083	3	CAL	10
DARK-EARTH	(G)		HSP/PMT/VIS	SPLIT	1.0	F750W/F320N		1	300	1086	1	CAL	4
DWARF-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1084	2	ACQ	6
DWARF-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1084	2		6
EARLY-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1084	2	ACQ	3
EARLY-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1084	2		6
FAIRLY-LOW-LATITUDE-FIELD	(G)		FOC/48	IMAGE	512X1024	F150W PRISM2		1	900	1260	2		1
FAIRLY-LOW-LATITUDE-FIELD	(G)		FOC/48	IMAGE	512X1024	F195W PRISM2		1	900	1260	2		1
FUZZY-1	(G)		FOS/RD	ACCUM	1.0	G650L		1	6000	1045	1	CON SEL	1
FUZZY-1	(G)		FOS/RD	ACCUM	1.0	PRISM		1	6000	1045	1	CON SEL	1
FUZZY-1	(G)		FOS/RD	ACCUM	1.0	G650L		1	6000	1045	2	CON SEL	1
FUZZY-1	(G)		FOS/RD	ACCUM	1.0	PRISM		1	6000	1045	2	CON SEL	1
FUZZY-1	(G)		FOS/RD	ACCUM	2.0-BAR	G650L		1	6000	1045	1	CON SEL	1
FUZZY-1	(G)		FOS/RD	ACCUM	2.0-BAR	PRISM		1	6000	1045	1	CON SEL	1
FUZZY-1	(G)		FOS/RD	ACCUM	2.0-BAR	G650L		1	6000	1045	2	CON SEL	1
FUZZY-1	(G)		FOS/RD	ACCUM	2.0-BAR	PRISM		1	6000	1045	2	CON SEL	1
FUZZY-2	(G)		FOS/RD	ACCUM	1.0	G650L		1	6000	1045	2	CON SEL	1
FUZZY-2	(G)		FOS/RD	ACCUM	1.0	PRISM		1	6000	1045	2	CON SEL	1
FUZZY-2	(G)		FOS/RD	ACCUM	2.0-BAR	G650L		1	6000	1045	2	CON SEL	1
FUZZY-2	(G)		FOS/RD	ACCUM	2.0-BAR	PRISM		1	6000	1045	2	CON SEL	1
FUZZY-3	(G)		FOS/RD	ACCUM	1.0	G650L		1	6000	1045	2	CON SEL	1
FUZZY-3	(G)		FOS/RD	ACCUM	1.0	PRISM		1	6000	1045	2	CON SEL	1
FUZZY-3	(G)		FOS/RD	ACCUM	2.0-BAR	G650L		1	6000	1045	2	CON SEL	1
FUZZY-3	(G)		FOS/RD	ACCUM	2.0-BAR	PRISM		1	6000	1045	2	CON SEL	1
HIGH-LATITUDE-FIELD	(G)		FOC/48	IMAGE	512X1024	F150W PRISM2		1	1800	1260	2		1
HIGH-LATITUDE-FIELD	(G)		FOC/48	IMAGE	512X1024	F195W PRISM2		1	1800	1260	2		1
IO-NA-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1079	2	ACQ	1
IO-NA-OCC	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	300	1079	2		2
IO-NA-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1079	2		2
JOV-RING-OCC-BRIGHT	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1080	2	ACQ	1
JOV-RING-OCC-BRIGHT	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1080	2		1
JOV-RING-OCC-BRIGHT	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	3600	1080	2		1
JOV-RING-OCC-EARLY	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	300	1080	2		1
JOV-RING-OCC-EARLY	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	2400	1080	2		1
LATE-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1084	2	ACQ	3
LATE-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1084	2		6
LOW-LATITUDE-FIELD	(G)		FOC/48	IMAGE	512X1024	F150W PRISM2		1	600	1260	2		1
LOW-LATITUDE-FIELD	(G)		FOC/48	IMAGE	512X1024	F195W PRISM2		1	600	1260	2		1
MEDIUM-LATITUDE-FIELD	(G)		FOC/48	IMAGE	512X1024	F150W PRISM2		1	1800	1260	2		1

Generic Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MEDIUM-LATITUDE-FIELD	(G)		FOC/48	IMAGE	512X1024	F195W PRISM2		1	1800	1260	2		1
PLAN-NEB-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1084	2	ACQ	3
PLAN-NEB-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1084	2		6
PLUTO-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1079	2	ACQ	1
PLUTO-OCC	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	300	1079	2		2
PLUTO-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1079	2		2
QSO-A	(G)		FOS/RD	ACCUM	1.0	G270H		1	1200	1146	3	SEL	2
QSO-A	(G)		FOS/RD	ACCUM	1.0	G270H		1	2400	1146	3	SEL	3
QSO-A	(G)		FOS/RD	ACCUM	1.0	G270H		1	1200	1146	3	CON SEL	1
QSO-A	(G)		FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1146	3	ACQ SEL	1
QSO-A	(G)		FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1146	3	ACQ CON SEL	1
QSO-B	(G)		FOS/RD	ACCUM	1.0	G270H		1	1200	1146	3	SEL	3
QSO-B	(G)		FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	1146	3	ACQ SEL	1
QUAS-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1084	2	ACQ	3
QUAS-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1084	2		6
SAT-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1079	2	ACQ	1
SAT-OCC	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	300	1079	2		2
SAT-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1079	2		2
SAT-RING-OCC-EARLY	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	300	1080	2		1
SAT-RING-OCC-EARLY	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	2400	1080	2		1
SATELLITES	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1084	2	ACQ	3
SATELLITES	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1084	2		6
SEYFERT-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1084	2	ACQ	3
SEYFERT-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1084	2		6
SN-TBD	(G)		FOC/96	IMAGE	512X512	F346M		1	6	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F346M		1	90	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F550M		1	90	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F346M		1	15	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F346M		1	516	1259	0		2
SN-TBD	(G)		FOC/96	IMAGE	512X512	F346M		1	720	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F346M		1	876	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F470M		1	15	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F470M		1	37	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F470M		1	94	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F470M		1	225	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F470M		1	420	1259	0		2
SN-TBD	(G)		FOC/96	IMAGE	512X512	F470M		1	840	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F550M		1	36	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F550M		1	420	1259	0		2
SN-TBD	(G)		FOC/96	IMAGE	512X512	F550M		1	540	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F550M		1	840	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F550M		1	226	1259	0		1
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G150M		1	230	1259	0		1
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G150M		1	690	1259	0		1
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G150M		1	780	1259	0		2
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G225M		1	230	1259	0		1
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G225M		1	690	1259	0		1
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G225M		1	780	1259	0		4
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G450M		1	77	1259	0		1
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G450M		1	231	1259	0		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G450M		1	420	1259	0		1
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G450M		1	660	1259	0		1
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G450M		1	780	1259	0		2
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G450M		1	133	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F346M		1	37	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F346M		1	1019	1259	0		1
SN-TBD	(G)		FOC/96	IMAGE	512X512	F470M		1	1019	1259	0		1
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G150M		1	397	1259	0		1
SN-TBD	(G)		FOC/48	SPEC	256X1024-SLIT	G225M		1	397	1259	0		1
SNA	(G)		PC	IMAGE	ANY	F555W		1	1000	1042	1	ACQ	1
SNA	(G)		PC	IMAGE	ANY	F555W		1	1000	1042	2	ACQ	1
SNA	(G)		FOS/RD	ACCUM	0.3	G570H		1	7200	1042	1		4
SNA	(G)		FOS/RD	ACCUM	0.3	PRISM		1	3600	1042	1		1
SNA	(G)		FOS/RD	ACCUM	0.5	PRISM		1	3600	1042	1		4
SNA	(G)		FOS/RD	ACCUM	0.3	G570H		1	7200	1042	2		4
SNA	(G)		FOS/RD	ACCUM	0.3	PRISM		1	3600	1042	2		1
SNA	(G)		FOS/RD	ACCUM	0.5	PRISM		1	3600	1042	2		4
SNA-GALAXY	(G)		FOS/RD	ACCUM	0.5	PRISM		1	6200	1042	1		1
SNA-GALAXY	(G)		FOS/RD	ACCUM	0.5	PRISM		1	6200	1042	2		1
SNB	(G)		PC	IMAGE	ALL	F555W		1	35	1042	1		1
SNB	(G)		FOS/BL	ACCUM	0.3	G130H		1	600	1042	1		1
SNB	(G)		FOS/BL	ACCUM	0.3	G190H		1	600	1042	1		1
SNB	(G)		FOS/BL	ACCUM	0.3	G270H		1	600	1042	1		1
SNB	(G)		FOS/RD	ACCUM	0.3	G400H		1	600	1042	1		1
SNB	(G)		FOS/RD	ACCUM	0.3	G570H		1	600	1042	1		1
SNB	(G)		FOS/RD	ACCUM	0.3	G780H		1	600	1042	1		1
SNB	(G)		FOS/RD	ACQ/BINA	1.0	MIRROR		1	11	1042	1	ACQ	1
SNC	(G)		PC	IMAGE	ALL	F555W		1	35	1042	1		1
SNC	(G)		FOS/BL	ACCUM	0.3	G130H		1	600	1042	1		1
SNC	(G)		FOS/BL	ACCUM	0.3	G190H		1	600	1042	1		1
SNC	(G)		FOS/BL	ACCUM	0.3	G270H		1	600	1042	1		1
SNC	(G)		FOS/RD	ACCUM	0.3	G400H		1	600	1042	1		1
SNC	(G)		FOS/RD	ACCUM	0.3	G570H		1	600	1042	1		1
SNC	(G)		FOS/RD	ACCUM	0.3	G780H		1	600	1042	1		1
SNC	(G)		FOS/RD	ACQ/BINA	1.0	MIRROR		1	11	1042	1	ACQ	1
SND	(G)		FOS/RD	ACCUM	0.5	PRISM	4750	1	5000	1042	1		1
SND	(G)		FOS/RD	ACCUM	0.5	PRISM	4750	1	5000	1042	2		1
SNE	(G)		PC	IMAGE	ANY	F555W		1	4000	1042	2		1
SNE	(G)		PC	IMAGE	ANY	F555W		1	4000	1042	3		1
TITAN-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1079	2	ACQ	1
TITAN-OCC	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	300	1079	2		2
TITAN-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1079	2		2
TRITON-OCC	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1079	2	ACQ	1
TRITON-OCC	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	300	1079	2		2
TRITON-OCC	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1079	2		2
URANUS-SAT	(G)		WFC	IMAGE	ALL-ND	F606W		3	1200	1088	1		1
URANUS-SAT	(G)		WFC	IMAGE	ALL-ND	F606W		6	1200	1088	1		1
URANUS-SAT	(G)		WFC	IMAGE	ALL-ND	F606W		12	1200	1088	1		1
URN-RING-OCC-BRIGHT	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1080	2	ACQ	1
URN-RING-OCC-BRIGHT	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1080	2		1
URN-RING-OCC-BRIGHT	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	3600	1080	2		1
URN-RING-OCC-EARLY	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	300	1080	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
URN-RING-OCC-EARLY	(G)		FOS/RD	RAPID	0.5	TBD-PII		1	2400	1080	2		1
UVSTAR	(G)		HRS	ACCUM	2.0	G140L	1340	1	300	1212	3		1
UVSTAR	(G)		HRS	ACCUM	2.0	G140L	1600	1	300	1212	3		1
VERY-LOW-LATITUDE-FI ELD	(G)		FOC/48	IMAGE	512X1024	F150W PRISM2		1	300	1260	2		1
VERY-LOW-LATITUDE-FI ELD	(G)		FOC/48	IMAGE	512X1024	F195W PRISM2		1	300	1260	2		1
X-RAY-SOURCES	(G)		HSP/ACQ	1APER	10	CLEAR		1	300	1084	2	ACQ	3
X-RAY-SOURCES	(G)		HSP/PMT	PMT/IDT	1.0	F750W/F320N		1	300	1084	2		6

4.4 PARALLEL-TARGET OBSERVATIONS FOR GTO PROGRAMS

Parallel Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
ASTL0100	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0100	-	-	WFC	IMAGE	ALL	F555W		1	1200	1305	1	PAR	1
ASTL0100	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1305	1	PAR	1
ASTL0102	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0104	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0104	-	-	WFC	IMAGE	ALL	F555W		1	1200	1305	1	PAR	1
ASTL0104	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1305	1	PAR	1
ASTL0106	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0108	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0108	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0108	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0110	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0110	-	-	WFC	IMAGE	ALL	F555W		1	1200	1305	1	PAR	1
ASTL0110	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1305	1	PAR	1
ASTL0112	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0112	-	-	WFC	IMAGE	ALL	F555W		1	1200	1305	1	PAR	1
ASTL0112	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1305	1	PAR	1
ASTL0114	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0114	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0114	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0116	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0118	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	2
ASTL0118	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0118	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0120	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0122	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0122	-	-	WFC	IMAGE	ALL	F555W		1	1200	1305	1	PAR	1
ASTL0122	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1305	1	PAR	1
ASTL0124	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0126	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0126	-	-	WFC	IMAGE	ALL	F555W		1	1200	1305	1	PAR	1
ASTL0126	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1305	1	PAR	1
ASTL0128	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0130	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0130	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0130	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0132	-	-	WFC	IMAGE	ALL	F656N		1	2600	1305	1	PAR	1
ASTL0134	-	-	WFC	IMAGE	ALL	F656N		1	2600	1305	1	PAR	1
ASTL0136	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	2
ASTL0136	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0136	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0138	-	-	WFC	IMAGE	ALL	F656N		1	2600	1305	1	PAR	1
ASTL0140	-	-	WFC	IMAGE	ALL	F656N		1	2600	1305	1	PAR	1
ASTL0142	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0144	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0146	-	-	WFC	IMAGE	ALL	F656N		1	2600	1305	1	PAR	1
ASTL0148	-	-	WFC	IMAGE	ALL	F656N		1	2600	1305	1	PAR	1
ASTL0150	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0152	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0152	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0152	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0154	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
ASTL0154	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0154	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0156	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	2
ASTL0156	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0156	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0158	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	2
ASTL0158	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0158	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0160	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0160	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0160	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0162	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0164	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0166	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0168	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0170	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0172	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0174	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0176	-	-	WFC	IMAGE	ALL	G800L		1	2600	1305	1	PAR	1
ASTL0178	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0178	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0178	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0180	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0180	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0180	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0182	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0182	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0182	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0184	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0184	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0184	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0186	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0186	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0186	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0188	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0188	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0188	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0190	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0190	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0190	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0192	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0192	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0192	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0194	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0194	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0194	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0196	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0196	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0196	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0198	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0198	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0198	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
ASTL0200	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0200	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0200	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0202	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0202	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0202	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0204	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0204	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0204	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0206	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0206	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0206	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0208	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0208	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0208	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0210	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0210	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0210	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0212	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0212	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0212	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0214	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0214	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0214	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0216	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0216	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0216	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0218	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0218	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0218	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0220	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0220	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0220	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0222	-	-	WFC	IMAGE	ALL	F336W		1	2600	1305	1	PAR	1
ASTL0222	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	1
ASTL0222	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	1
ASTL0224	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	2
ASTL0224	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0224	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	2
ASTL0226	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	2
ASTL0226	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0226	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	2
ASTL0228	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	2
ASTL0228	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0228	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	2
ASTL0230	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	2
ASTL0230	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0230	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	2
ASTL0232	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	2
ASTL0232	-	-	WFC	IMAGE	ALL	F336W		2	2600	1305	1	PAR	1
ASTL0232	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1305	1	PAR	2
ASTL0234	-	-	WFC	IMAGE	ALL	F555W		1	2600	1305	1	PAR	2

Target	RA(2ØØØ)	Dec(2ØØØ)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
ASTL0234	-	-	WFC	IMAGE	ALL	F336W		2	26ØØ	13Ø5	1	PAR	1
ASTL0234	-	-	WFC	IMAGE	ALL	F785LP		1	26ØØ	13Ø5	1	PAR	2
ASTL0236	-	-	WFC	IMAGE	ALL	F555W		1	26ØØ	13Ø5	1	PAR	2
ASTL0236	-	-	WFC	IMAGE	ALL	F336W		2	26ØØ	13Ø5	1	PAR	1
ASTL0236	-	-	WFC	IMAGE	ALL	F785LP		1	26ØØ	13Ø5	1	PAR	2
ASTL0238	-	-	WFC	IMAGE	ALL	F555W		1	26ØØ	13Ø5	1	PAR	1
ASTL0238	-	-	WFC	IMAGE	ALL	F336W		2	26ØØ	13Ø5	1	PAR	1
ASTL0238	-	-	WFC	IMAGE	ALL	F785LP		1	26ØØ	13Ø5	1	PAR	1
ASTL024Ø	-	-	WFC	IMAGE	ALL	F555W		1	26ØØ	13Ø5	1	PAR	1
ASTL024Ø	-	-	WFC	IMAGE	ALL	F336W		2	26ØØ	13Ø5	1	PAR	1
ASTL024Ø	-	-	WFC	IMAGE	ALL	F785LP		1	26ØØ	13Ø5	1	PAR	1
ASTL0252	-	-	WFC	IMAGE	ALL	F336W		1	26ØØ	13Ø5	1	PAR	1
ASTL0252	-	-	WFC	IMAGE	ALL	F555W		1	26ØØ	13Ø5	1	PAR	1
ASTL0252	-	-	WFC	IMAGE	ALL	F785LP		1	26ØØ	13Ø5	1	PAR	1
AZZ1Ø4-FIELD	(G)		WFC	IMAGE	ALL	G2ØØL		1	3ØØ	1153	2	PAR	1
AZZ398-FIELD	(G)		WFC	IMAGE	ALL	G2ØØL		1	48Ø	1153	2	PAR	1
AZZ456-FIELD	(G)		WFC	IMAGE	ALL	G2ØØL		1	48Ø	1153	2	PAR	1
BG-OBJECT-1	-	-	WFC	IMAGE	ALL	F7Ø2W		1	156Ø	1Ø18	1	PAR	1
BG-OBJECT-1Ø	-	-	WFC	IMAGE	ALL	F785LP		1	2ØØØ	1Ø18	1	PAR	1
BG-OBJECT-11	-	-	WFC	IMAGE	ALL	F785LP		1	1ØØØ	1Ø18	1	PAR	1
BG-OBJECT-2	-	-	WFC	IMAGE	ALL	F7Ø2W		1	24ØØ	1Ø18	1	PAR	1
BG-OBJECT-3	-	-	WFC	IMAGE	ALL	F7Ø2W		1	27ØØ	1Ø18	1	PAR	1
BG-OBJECT-4	-	-	WFC	IMAGE	ALL	F7Ø2W		1	21ØØ	1Ø18	1	PAR	1
BG-OBJECT-5	-	-	WFC	IMAGE	ALL	F7Ø2W		1	15ØØ	1Ø18	1	PAR	1
BG-OBJECT-6	-	-	WFC	IMAGE	ALL	F7Ø2W		1	27ØØ	1Ø18	1	PAR	1
BG-OBJECT-7	-	-	WFC	IMAGE	ALL	F785LP		1	25ØØ	1Ø18	1	PAR	1
BG-OBJECT-8	-	-	WFC	IMAGE	ALL	F785LP		1	25ØØ	1Ø18	1	PAR	1
BG-OBJECT-9	-	-	WFC	IMAGE	ALL	F785LP		1	25ØØ	1Ø18	1	PAR	1
BG-OBJECTS	(G)		WFC	IMAGE	ALL	F7Ø2W		1	6ØØ	1Ø24	1	PAR	1
BG-OBJECTS	(G)		WFC	IMAGE	ALL	F555W		1	9ØØ	1Ø25	1	PAR	3
BG-OBJECTS	(G)		WFC	IMAGE	ALL	F7Ø2W		1	114Ø	1Ø24	1	PAR	1
BG-OBJECTS	(G)		WFC	IMAGE	ALL	F7Ø2W		1	12ØØ	1Ø24	1	PAR	1
BG-OBJECTS	(G)		WFC	IMAGE	ALL	F7Ø2W		1	126Ø	1Ø24	1	PAR	1
BG-OBJECTS	(G)		WFC	IMAGE	ALL	F7Ø2W		1	216Ø	1Ø24	1	PAR	1
BG-OBJECTS	(G)		WFC	IMAGE	ALL	F555W		1	12ØØ	1Ø25	1	PAR	2
BG-OBJECTS	(G)		WFC	IMAGE	ALL	F555W		1	15ØØ	1Ø25	1	PAR	1
BG-OBJECTS	(G)		FOC/48	IMAGE	512X512	F195W		1	27ØØ	1Ø2Ø	Ø	SEL PAR	2
BG-OBJECTS	(G)		FOC/48	IMAGE	512X512	F342W		1	27ØØ	1Ø2Ø	Ø	SEL PAR	2
FIELD-NEAR-CAL87	(G)		WFC	IMAGE	ALL	G2ØØL		1	6ØØ	1151	1	PAR	3
FIELD-NEAR-HD144668	(G)		WFC	IMAGE	ALL	F547M		1	3ØØ	12Ø9	3	PAR	1
FIELD-NEAR-HD144668	(G)		WFC	IMAGE	ALL	F664N		1	6ØØ	12Ø9	3	PAR	1
FIELD-NEAR-HD144668	(G)		WFC	IMAGE	ALL	F284W		1	12Ø	12Ø9	3	PAR	1
FIELD-NEAR-HDE283572	(G)		WFC	IMAGE	ALL	F547M		1	3ØØ	12Ø9	2	PAR	1
FIELD-NEAR-HDE283572	(G)		WFC	IMAGE	ALL	F664N		1	6ØØ	12Ø9	2	PAR	1
FIELD-NEAR-HDE283572	(G)		WFC	IMAGE	ALL	F284W		1	25Ø	12Ø9	2	PAR	1
FIELD-NEAR-LMC-X-1	(G)		WFC	IMAGE	ALL	G2ØØL		1	9ØØ	1151	2	PAR	2
FIELD-NEAR-LMC-X-3	(G)		WFC	IMAGE	ALL	G2ØØL		1	12ØØ	1151	1	PAR	1
FIELD-NEAR-LMC-X-3	(G)		WFC	IMAGE	ALL	G2ØØL		1	12ØØ	1151	2	PAR	1
FIELD-NEAR-LMC-X-4	(G)		WFC	IMAGE	ALL	G2ØØL		1	36Ø	1151	2	PAR	4
FIELD-NEAR-RU-LUPI	(G)		WFC	IMAGE	ALL	F284W		1	5ØØ	12Ø9	1	PAR	1
FIELD-NEAR-RU-LUPI	(G)		WFC	IMAGE	ALL	F375N		1	3ØØ	12Ø9	1	PAR	1
FIELD-NEAR-RU-LUPI	(G)		WFC	IMAGE	ALL	F547M		1	5ØØ	12Ø9	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FIELD-NEAR-RU-LUPI	(G)		WFC	IMAGE	ALL	F664N		1	600	1209	1	PAR	1
FIELD-NEAR-RY-TAU	(G)		WFC	IMAGE	ALL	F284W		1	300	1209	1	PAR	1
FIELD-NEAR-RY-TAU	(G)		WFC	IMAGE	ALL	F375N		1	300	1209	1	PAR	1
FIELD-NEAR-RY-TAU	(G)		WFC	IMAGE	ALL	F547M		1	300	1209	1	PAR	1
FIELD-NEAR-RY-TAU	(G)		WFC	IMAGE	ALL	F664N		1	1200	1209	1	PAR	1
FIELD-NEAR-SU-AUR	(G)		WFC	IMAGE	ALL	F284W		1	300	1209	2	PAR	1
FIELD-NEAR-SU-AUR	(G)		WFC	IMAGE	ALL	F375N		1	300	1209	2	PAR	1
FIELD-NEAR-SU-AUR	(G)		WFC	IMAGE	ALL	F547M		1	300	1209	2	PAR	1
FIELD-NEAR-SU-AUR	(G)		WFC	IMAGE	ALL	F664N		1	1200	1209	2	PAR	1
FIELD-NEAR-T-TAU	(G)		WFC	IMAGE	ALL	F284W		1	1200	1209	2	PAR	1
FIELD-NEAR-T-TAU	(G)		WFC	IMAGE	ALL	F336W		1	120	1209	2	PAR	1
FIELD-NEAR-T-TAU	(G)		WFC	IMAGE	ALL	F375N		1	1200	1209	2	PAR	1
FIELD-NEAR-T-TAU	(G)		WFC	IMAGE	ALL	F547M		1	1200	1209	2	PAR	1
FIELD-NEAR-T-TAU	(G)		WFC	IMAGE	ALL	F569W		1	120	1209	2	PAR	1
FIELD-NEAR-T-TAU	(G)		WFC	IMAGE	ALL	F664N		1	1200	1209	2	PAR	1
FIELD-NEAR-T-TAU	(G)		WFC	IMAGE	ALL	F791W		1	120	1209	2	PAR	1
FIELD/PAR	(G)		FOC/48	IMAGE	512X512	F275W		1	300	1078	0	PAR	5
FIELD/PAR	(G)		FOC/48	IMAGE	512X512	F275W		1	300	1078	1	PAR	13
FIELD/PAR	(G)		FOC/48	IMAGE	512X512	F275W		1	300	1078	2	PAR	19
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	F430W		1	2700	1276	0	PAR	6
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	F275W		1	2700	1276	1	PAR	3
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	F342W		1	2700	1276	1	PAR	2
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	F430W		1	2700	1276	1	PAR	18
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	F275W		1	2700	1276	2	PAR	3
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	F342W		1	2700	1276	2	PAR	2
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	F430W		1	2700	1276	2	PAR	14
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	PRISM2		1	1800	1078	0	PAR	4
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	PRISM2		1	1500	1078	0	PAR	5
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	PRISM2		1	1500	1078	1	PAR	13
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	PRISM2		1	1800	1078	2	PAR	3
FIELD/PAR	(G)		FOC/48	IMAGE	512X1024	PRISM2		1	1500	1078	2	PAR	19
FOCCL100	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1302	1	PAR	1
FOCCL100	-	-	FOC/48	IMAGE	512X1024	F305LP		1	2600	1302	1	PAR	1
FOCCL102	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1302	1	PAR	1
FOCCL102	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1302	1	PAR	1
FOCCL102	-	-	FOC/48	IMAGE	512X1024	F305LP		1	2600	1302	1	PAR	1
FOCCL104	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL104	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCCL106	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL106	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCCL108	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL108	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCCL110	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL110	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCCL112	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL112	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCCL114	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL114	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCCL116	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL116	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCCL118	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL118	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCCL120	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL120	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCCL122	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL122	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCCL124	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL124	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCCL126	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL126	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCCL128	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1302	1	PAR	1
FOCCL128	-	-	FOC/48	IMAGE	512X1024	F305LP		1	2600	1302	1	PAR	1
FOCCL130	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1302	1	PAR	1
FOCCL130	-	-	FOC/48	IMAGE	512X1024	F305LP		1	2600	1302	1	PAR	1
FOCCL132	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1302	1	PAR	1
FOCCL132	-	-	FOC/48	IMAGE	512X1024	F305LP		1	2600	1302	1	PAR	1
FOCCL134	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1302	1	PAR	1
FOCCL134	-	-	FOC/48	IMAGE	512X1024	F305LP		1	2600	1302	1	PAR	1
FOCCL136	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1302	1	PAR	1
FOCCL136	-	-	FOC/48	IMAGE	512X1024	F305LP		1	2600	1302	1	PAR	1
FOCCL138	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1302	1	PAR	1
FOCCL138	-	-	FOC/48	IMAGE	512X1024	F305LP		1	2600	1302	1	PAR	1
FOCCL140	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1302	1	PAR	1
FOCCL140	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1302	1	PAR	1
FOCCL140	-	-	FOC/48	IMAGE	512X1024	F305LP		1	2600	1302	1	PAR	1
FOCCL142	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1302	1	PAR	1
FOCCL142	-	-	FOC/48	IMAGE	512X1024	F305LP		1	2600	1302	1	PAR	1
FOCCL144	-	-	FOC/48	IMAGE	512X1024	F430W		1	1300	1302	1	PAR	1
FOCCL144	-	-	FOC/48	IMAGE	512X1024	F305LP		1	1300	1302	1	PAR	1
FOCSP100	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP100	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP102	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP102	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP104	-	-	FOC/96	IMAGE	512X1024	F342W		1	1300	1303	1	PAR	1
FOCSP104	-	-	FOC/96	IMAGE	512X1024	F430W		1	1300	1303	1	PAR	1
FOCSP106	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP106	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP108	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP108	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP108	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP110	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP110	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP110	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP112	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP112	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP114	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP114	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP116	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP116	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP118	-	-	FOC/96	IMAGE	512X1024	F342W		1	1300	1303	1	PAR	1
FOCSP118	-	-	FOC/96	IMAGE	512X1024	F430W		1	1300	1303	1	PAR	1
FOCSP120	-	-	FOC/96	IMAGE	512X1024	F342W		1	1300	1303	1	PAR	1
FOCSP120	-	-	FOC/96	IMAGE	512X1024	F430W		1	1300	1303	1	PAR	1
FOCSP122	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSP122	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP124	-	-	FOC/96	IMAGE	512X1024	F342W		1	1300	1303	1	PAR	1
FOCSP124	-	-	FOC/96	IMAGE	512X1024	F430W		1	1300	1303	1	PAR	1
FOCSP126	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP126	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP128	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP128	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP130	-	-	FOC/96	IMAGE	512X1024	F342W		1	1300	1303	1	PAR	1
FOCSP130	-	-	FOC/96	IMAGE	512X1024	F430W		1	1300	1303	1	PAR	1
FOCSP132	-	-	FOC/96	IMAGE	512X1024	F342W		1	1300	1303	1	PAR	1
FOCSP132	-	-	FOC/96	IMAGE	512X1024	F430W		1	1300	1303	1	PAR	1
FOCSP134	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP134	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP136	-	-	FOC/96	IMAGE	512X1024	F342W		1	1300	1303	1	PAR	1
FOCSP136	-	-	FOC/96	IMAGE	512X1024	F430W		1	1300	1303	1	PAR	1
FOCSP138	-	-	FOC/96	IMAGE	512X1024	F342W		1	1300	1303	1	PAR	1
FOCSP138	-	-	FOC/96	IMAGE	512X1024	F430W		1	1300	1303	1	PAR	1
FOCSP140	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP140	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP142	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP142	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP144	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP144	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP146	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP146	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP148	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP148	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP150	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP150	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP152	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP152	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP154	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP154	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP156	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP156	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP158	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP158	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP158	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP160	-	-	FOC/96	IMAGE	512X1024	F342W		1	1300	1303	1	PAR	1
FOCSP160	-	-	FOC/96	IMAGE	512X1024	F430W		1	1300	1303	1	PAR	1
FOCSP162	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP162	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP162	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP164	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP164	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP166	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP166	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP166	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP168	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP168	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP170	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP170	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSP170	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP172	-	-	FOC/96	IMAGE	512X1024	F342W		1	1300	1303	1	PAR	1
FOCSP172	-	-	FOC/96	IMAGE	512X1024	F430W		1	1300	1303	1	PAR	1
FOCSP174	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP174	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP174	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP176	-	-	FOC/96	IMAGE	512X1024	F342W		1	1300	1303	1	PAR	1
FOCSP176	-	-	FOC/96	IMAGE	512X1024	F430W		1	1300	1303	1	PAR	1
FOCSP178	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP178	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP178	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP180	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP180	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP180	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP182	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP182	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP184	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP184	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP186	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP186	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP188	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP188	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP190	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP190	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP190	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP192	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP192	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP192	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP194	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP194	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP194	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP196	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP196	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP196	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP198	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP198	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP200	-	-	FOC/96	IMAGE	512X1024	F275W		1	2600	1303	1	PAR	1
FOCSP200	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP200	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSP202	-	-	FOC/96	IMAGE	512X1024	F342W		1	2600	1303	1	PAR	1
FOCSP202	-	-	FOC/96	IMAGE	512X1024	F430W		1	2600	1303	1	PAR	1
FOCSV100	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV100	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV102	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV102	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV104	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV104	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV106	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV106	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV108	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV108	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV110	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV110	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV110	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV112	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV112	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV112	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV114	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV114	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV116	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV116	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV118	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV118	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV118	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV118	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV118	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV118	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV118	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV120	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV120	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV120	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV120	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV122	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV122	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV124	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV124	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV126	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV126	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV126	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV128	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV128	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV128	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV130	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV130	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV130	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV130	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV132	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV132	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV132	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV134	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV134	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV136	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV136	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV136	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV138	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV138	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV140	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV140	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV140	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV140	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV142	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV142	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV144	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV144	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV144	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV144	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV146	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV146	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV148	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV148	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV148	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV148	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV150	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV150	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV152	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV152	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV152	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV152	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV152	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV152	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV154	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV154	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV156	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV156	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV156	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV156	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV156	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV156	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV158	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV158	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV160	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV160	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV160	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV160	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV162	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV162	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV164	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV164	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV164	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV164	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV166	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV166	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV166	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV168	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV168	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV168	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV168	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV170	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV170	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV170	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV172	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV172	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV172	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV174	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV174	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV174	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2

Parallel Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV176	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV176	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV178	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV178	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV178	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV178	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV178	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV180	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV180	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV180	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV180	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV180	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV180	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV180	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV182	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV182	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV184	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV184	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV184	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV186	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV186	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV188	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV188	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV188	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV190	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV190	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV190	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV192	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV192	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV194	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV194	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV194	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV194	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV194	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV196	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV196	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV196	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV198	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV198	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV198	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV200	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV200	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV202	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV202	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV202	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV202	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV202	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV204	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV204	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV204	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV206	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV206	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV206	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV206	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV206	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV206	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV206	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV208	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV208	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV208	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV210	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV210	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV210	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV210	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV210	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV210	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV210	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV212	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV212	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV212	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV214	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV214	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV214	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV214	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV214	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV214	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV214	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV216	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV216	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV216	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV218	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV218	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV218	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV218	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV218	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV218	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV218	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV220	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV220	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV220	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV222	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV222	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV222	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV224	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV224	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV226	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV226	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV226	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV226	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV226	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV228	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV228	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV228	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV230	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV230	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV230	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV230	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV230	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV230	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV230	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV232	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV232	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV232	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV234	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV234	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV234	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV234	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV234	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV234	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV234	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV236	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV236	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV236	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV236	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV236	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV238	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV238	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV238	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV238	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV240	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV240	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV242	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV242	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV244	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV244	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV246	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV246	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV248	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV248	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV250	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV250	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV252	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV252	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV252	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV252	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV254	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV254	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV254	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV254	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV256	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV256	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV256	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV256	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV256	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV256	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV256	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2

Parallel Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV258	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV258	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV258	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV258	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV258	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV258	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV258	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV260	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV260	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV260	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV262	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV262	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV262	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV264	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV264	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV266	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV266	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV268	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV268	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV270	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV270	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV272	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV272	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV274	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV274	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV276	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV276	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV278	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV278	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV280	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV280	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV280	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV280	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV282	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV282	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV282	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV284	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV284	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV284	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV286	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV286	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV286	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV288	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV288	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV288	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV288	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV288	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV290	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV290	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV290	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV290	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV290	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV292	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV292	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV294	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV294	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV296	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV296	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV298	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV298	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV300	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV300	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV300	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV300	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV302	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV302	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV302	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV302	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV302	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV304	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV304	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV304	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV304	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV306	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV306	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV308	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV308	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV308	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV308	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV308	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV308	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV308	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV310	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV310	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV310	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV310	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV310	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV310	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV312	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV312	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV314	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV314	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV316	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV316	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV316	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV318	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV318	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV318	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV320	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV320	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV322	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV322	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV322	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV324	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV324	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV326	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV326	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV326	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV326	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV326	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV328	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV328	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV330	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV330	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV332	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV332	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV334	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV334	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV336	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV336	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV338	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV338	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV340	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV340	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV342	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV342	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV344	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV344	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV344	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV344	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV344	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV344	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV344	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV346	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV346	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV346	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV346	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV348	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV348	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV348	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV350	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV350	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV352	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV352	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV354	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV354	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV356	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV356	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV358	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV358	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV360	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV360	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV362	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV362	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV364	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV364	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV366	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV366	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV368	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV368	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV370	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV370	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV372	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV372	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV374	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV374	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV376	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV376	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV378	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV378	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV380	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV380	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV382	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV382	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV382	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV384	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV384	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV386	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV386	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV388	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV388	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV390	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV390	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV392	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV392	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV392	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV392	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV392	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV392	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV394	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV394	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV394	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV394	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV394	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV396	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV396	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV396	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV396	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV396	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV396	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV396	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV398	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV398	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV398	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV398	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV398	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV398	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV398	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV400	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV400	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV402	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV402	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV404	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV404	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV406	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV406	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV408	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV408	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV410	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV410	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV412	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV412	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV414	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV414	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV414	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV414	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV414	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV414	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV414	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV416	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV416	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV418	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV418	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV420	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV420	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV420	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV420	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV422	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV422	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV422	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV422	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV424	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV424	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV424	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV426	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV426	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV426	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV426	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV428	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV428	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV428	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV428	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV428	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV430	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV430	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV430	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV432	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV432	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV432	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV434	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV434	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV434	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV436	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV436	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV436	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV438	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV438	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV438	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV440	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV440	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV440	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV442	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV442	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV444	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV444	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV446	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV446	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV448	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV448	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV448	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV450	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV450	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV450	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV452	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV452	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV452	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV454	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV454	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV454	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV456	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV456	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV456	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV458	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV458	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV458	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV460	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV460	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV460	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV462	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV462	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV462	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV464	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV464	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV464	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV466	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV466	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV466	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV468	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV468	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV468	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV470	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV470	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV470	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV472	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV472	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV472	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV474	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV474	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV474	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV476	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV476	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV476	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV476	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV476	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV476	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV476	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV478	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV478	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV478	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV478	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV478	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV478	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV478	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV480	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV480	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV480	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV480	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV480	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV480	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV480	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV482	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV482	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV482	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV482	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV482	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV482	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV484	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV484	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV484	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV484	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV484	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV484	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV484	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV486	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV486	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV486	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV486	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV486	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV486	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV486	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV488	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV488	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV488	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV490	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV490	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV490	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV490	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV490	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV490	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV490	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV492	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV492	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV492	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV492	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV492	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV492	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV492	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV494	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV494	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV496	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV496	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV498	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV498	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV500	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV500	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV502	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV502	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV504	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV504	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV506	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV506	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV508	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV508	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV510	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV510	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV510	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV510	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV510	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV512	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV512	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV512	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV512	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV512	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV514	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV514	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV514	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV514	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV514	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV516	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV516	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV516	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV516	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV516	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV518	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV518	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV518	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV518	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV518	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV520	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV520	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV520	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV520	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV520	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV522	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV522	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV522	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV522	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV522	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV524	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV524	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV524	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV524	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV524	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV526	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV526	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV526	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV526	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV526	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV528	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV528	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV528	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV528	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV528	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV530	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV530	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV530	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV530	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV530	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV532	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV532	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV532	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV532	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV532	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV534	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV534	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV534	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV534	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV534	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV536	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV536	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV536	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV536	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV536	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV538	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV538	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV538	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV538	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV538	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV540	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV540	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV540	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV540	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV540	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV542	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV542	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV542	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV542	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV542	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV544	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV544	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV544	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV544	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV544	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV546	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV546	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV546	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV546	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV546	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV548	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV548	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV548	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV548	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV548	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV550	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV550	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV550	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV550	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV550	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV552	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV552	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV552	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV552	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV552	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV554	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV554	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV554	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV554	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV554	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV556	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV556	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV556	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV556	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV556	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV556	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV556	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV558	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV558	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV558	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV558	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV558	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV558	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV558	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV560	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV560	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV560	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV560	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV560	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV560	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV560	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV562	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV562	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV562	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV562	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV562	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV562	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV562	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV564	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV564	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV564	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV564	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV564	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV564	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV564	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV566	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV566	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV566	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV566	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV566	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV566	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV566	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV568	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV568	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV568	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV568	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV568	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV568	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV568	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV570	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV570	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV570	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV570	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV570	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV570	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV570	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV572	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV572	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV572	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV572	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV572	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV572	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV572	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV574	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV574	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV574	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV574	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV574	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV574	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV574	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV576	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV576	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV576	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV576	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV576	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV576	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV576	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV578	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV578	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV578	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV578	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV578	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV578	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV578	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV580	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV580	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV580	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV580	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV580	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV580	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV582	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV582	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV582	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV582	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV594	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV594	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV594	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV594	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV596	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV596	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV596	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV596	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV604	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV604	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV604	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV604	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV604	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV604	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV604	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV606	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV606	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV606	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV606	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV608	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV608	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV608	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV610	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV610	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV612	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV612	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV612	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV612	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV612	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV612	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV612	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV614	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV614	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV614	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV614	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV616	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV616	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV616	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV618	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV618	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV620	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV620	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV622	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV622	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV622	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV622	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV622	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV624	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV624	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV626	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV626	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV626	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV626	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV626	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV626	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV628	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV628	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV628	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV628	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV628	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV628	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV630	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV630	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV630	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV630	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV630	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV632	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV632	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV632	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV632	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV632	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV634	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV634	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV634	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV634	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV634	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV634	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV636	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV636	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV636	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV636	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV636	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV636	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV636	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV638	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV638	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV638	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV640	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV640	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV640	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV642	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV642	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV642	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV644	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV644	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV644	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV646	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV646	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV646	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV648	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV648	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV648	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV650	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV650	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV650	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV650	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV650	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV652	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV652	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV652	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV652	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV652	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV652	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV652	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV654	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV654	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV654	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV654	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV654	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV654	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV654	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV656	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV656	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV656	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV656	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV656	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV656	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV656	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV658	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV658	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV658	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV658	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV658	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV658	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV658	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV660	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV660	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV660	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV660	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV660	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV660	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV660	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV662	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV662	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV662	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV662	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV662	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV662	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV662	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV664	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV664	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV666	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV666	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV668	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV668	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV670	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV670	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV670	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV672	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV672	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV674	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV674	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV676	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV676	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV678	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV678	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV680	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV680	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV682	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV682	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV684	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV684	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV686	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV686	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV688	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV688	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV690	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV690	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV692	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV692	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV694	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV694	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV696	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV696	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV698	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV698	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV700	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV700	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV702	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV702	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV704	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV704	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV706	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV706	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV708	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV708	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV710	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV710	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV712	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV712	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV714	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV714	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV716	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV716	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV718	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV718	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV720	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV720	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV722	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV722	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV724	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV724	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV726	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV726	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV728	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV728	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV730	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV730	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV732	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV732	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV734	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV734	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV734	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV734	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV734	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV736	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV736	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV736	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV736	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV736	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV738	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV738	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV740	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV740	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV742	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV742	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV744	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV744	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV746	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV746	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV748	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV748	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV750	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV750	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV750	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV750	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV750	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV750	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV752	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV752	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV752	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV752	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV752	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV754	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV754	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV754	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV756	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV756	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV756	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV756	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV756	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV756	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV758	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV758	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV758	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV758	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV758	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV758	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV758	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV760	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV760	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV760	-	-	FOC/48	IMAGE	512X1024	F150W		1	2600	1307	1	PAR	1
FOCSV760	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV760	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV760	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV760	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV762	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV762	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV762	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV764	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV764	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV764	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV764	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV766	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV766	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV766	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV766	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV766	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV768	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV768	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV770	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV770	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV772	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV772	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV774	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV774	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV776	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV776	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV776	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV776	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV778	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV778	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV780	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV780	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV782	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV782	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV784	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV784	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV786	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV786	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV786	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV786	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV786	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV786	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV788	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV788	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV790	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV790	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV792	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV792	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV794	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV794	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV794	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV794	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV794	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV794	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV794	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV796	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV796	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV798	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV798	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV800	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV800	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV802	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV802	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV802	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV802	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV802	-	-	FOC/48	IMAGE	512X1024	F430W		1	2600	1307	1	PAR	1
FOCSV802	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV804	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV804	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV806	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV806	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV808	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV808	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV810	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV810	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV812	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV812	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV814	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV814	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV816	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV816	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV818	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV818	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV820	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV820	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV822	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV822	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV824	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV824	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV826	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV826	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV828	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV828	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV828	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV830	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV830	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV832	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV832	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV834	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV834	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV834	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV834	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV834	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV836	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV836	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV836	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV836	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV836	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV838	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV838	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV838	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV838	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV838	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV840	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV840	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV842	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV842	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV842	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV842	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV842	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV842	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV842	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV844	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV844	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV844	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV846	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV846	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV846	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV846	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV846	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV846	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV846	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV848	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV848	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV848	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV850	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV850	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV850	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV852	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV852	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV854	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV854	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV854	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV854	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV854	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV854	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV854	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV856	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV856	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV856	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV856	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV856	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV856	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV856	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV858	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV858	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV858	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV858	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV860	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV860	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV860	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV862	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV862	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV864	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV864	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV864	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV866	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV866	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV866	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV868	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV868	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV868	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV870	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV870	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV870	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV872	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV872	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV872	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV874	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV874	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV876	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV876	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV876	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV878	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV878	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV880	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV880	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV882	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV882	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV884	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV884	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV886	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV886	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV888	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV888	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV890	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV890	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV892	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV892	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV894	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV894	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV896	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV896	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV898	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV898	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV900	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV900	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV902	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV902	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV904	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV904	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV906	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV906	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV908	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV908	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV908	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV908	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV908	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV910	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV910	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV910	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV912	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV912	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV912	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV914	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV914	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV914	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV916	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV916	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV916	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV918	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV918	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV918	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV920	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV920	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV920	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV922	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV922	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV922	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV922	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV922	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV924	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV924	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV924	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV926	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV926	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV926	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV928	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV928	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV928	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV930	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV930	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV930	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV930	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV930	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV930	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV930	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV932	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV932	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV932	-	-	FOC/48	IMAGE	512X1024	F150W		1	1200	1307	1	PAR	1
FOCSV932	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	2
FOCSV932	-	-	FOC/48	IMAGE	512X1024	F275W		1	2600	1307	1	PAR	1
FOCSV932	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV932	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV934	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV934	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV934	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV936	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV936	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV938	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV938	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV940	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV940	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV942	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV942	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV944	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV944	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV946	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV946	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV948	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV948	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV950	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV950	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV952	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV952	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV952	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV952	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1
FOCSV952	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV954	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV954	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV956	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV956	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV958	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV958	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV960	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV960	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV962	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV962	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV964	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV964	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV966	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV966	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV968	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV968	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV972	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV972	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV974	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV974	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV980	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV980	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV982	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV982	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV982	-	-	FOC/48	IMAGE	512X1024	F342W		1	2600	1307	1	PAR	1
FOCSV982	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOCSV984	-	-	FOC/48	IMAGE	512X1024	F275W		1	600	1307	1	PAR	1
FOCSV984	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV986	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV986	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	1
FOCSV988	-	-	FOC/48	IMAGE	512X1024	F150W		1	600	1307	1	PAR	1
FOCSV988	-	-	FOC/48	IMAGE	512X1024	F430W		1	600	1307	1	PAR	1
FOCSV988	-	-	FOC/48	IMAGE	512X1024	F220W		1	1200	1307	1	PAR	1
FOCSV988	-	-	FOC/48	IMAGE	512X1024	F430W		1	1200	1307	1	PAR	1

Parallel Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOCSV988	-	-	FOC/48	IMAGE	512X1024	PRISM2		1	1800	1307	1	PAR	2
FOSHI100	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI100	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI102	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI102	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI104	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI104	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI106	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI106	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI108	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI108	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI110	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI110	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI112	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI112	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	2
FOSHI112	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	2
FOSHI114	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI114	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI114	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI116	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI116	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI118	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI118	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI120	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI120	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI122	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI122	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI122	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI124	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI124	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI126	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI126	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI128	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI128	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI128	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI130	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI130	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI132	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI132	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI132	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI134	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI134	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI136	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI136	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI136	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI138	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI138	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI140	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI140	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	3
FOSHI142	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI142	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI144	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOSHI144	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI144	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI146	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI146	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI148	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI148	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI148	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI150	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI150	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI152	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI152	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI152	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI154	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI154	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI156	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI156	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI158	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI158	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI160	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI160	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI162	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI162	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI162	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI162	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI164	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI164	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	2
FOSHI164	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	2
FOSHI166	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI166	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI168	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI168	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI170	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI170	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI172	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI172	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI174	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI174	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI174	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI174	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI176	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI176	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI178	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI178	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI178	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI178	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI180	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI180	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	2
FOSHI180	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	2
FOSHI182	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI182	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	2
FOSHI182	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	2
FOSHI184	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOSHI184	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	2
FOSHI184	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	2
FOSHI186	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI186	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	2
FOSHI186	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	2
FOSHI188	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI188	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI190	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI190	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI190	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI190	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI192	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI192	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	2
FOSHI192	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	2
FOSHI194	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI194	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	2
FOSHI194	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	2
FOSHI196	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI196	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI196	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI196	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI198	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI198	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI198	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI200	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI200	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI202	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI202	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI204	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI204	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI206	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI206	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI208	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI208	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI208	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI210	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI210	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI210	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI212	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI212	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI212	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI214	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI214	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI214	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI216	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI216	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI218	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI218	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI220	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI220	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI222	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI222	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1

Parallel Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOSHI224	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI224	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI226	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI226	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI228	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI228	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI228	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI230	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI230	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI232	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI232	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI234	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI234	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI236	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI236	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI236	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI236	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI238	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI238	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI238	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI238	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI240	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI240	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI240	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI242	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI242	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI242	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI244	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI244	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	3
FOSHI246	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI246	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI248	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI248	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI250	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI250	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI252	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI252	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI254	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI254	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI256	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI256	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI258	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI258	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI260	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI260	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI262	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI262	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI262	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI264	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI264	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI266	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI266	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1

Parallel Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOSHI268	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI268	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI270	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI270	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI272	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI272	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI272	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI272	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI274	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI274	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI276	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI276	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	3
FOSHI278	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI278	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	2
FOSHI278	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	2
FOSHI280	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI280	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	2
FOSHI280	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	2
FOSHI282	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI282	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI284	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI284	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI284	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI286	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI286	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI286	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI286	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI288	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI288	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI290	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI290	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI292	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI292	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI294	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI294	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI296	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI296	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI296	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI298	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI298	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI300	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI300	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI302	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI302	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	3
FOSHI304	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI304	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI306	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI306	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI308	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI308	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI310	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	2
FOSHI310	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	3

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOSHI312	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI312	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI314	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI314	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI316	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI316	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI318	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI318	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI320	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI320	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI322	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI322	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI322	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI322	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI324	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI324	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI324	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI324	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI326	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI326	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI326	-	-	WFC	IMAGE	ALL	F702W		1	2600	1301	1	PAR	1
FOSHI326	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI328	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI328	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI328	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI330	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI330	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI332	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI332	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI334	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI334	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI336	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI336	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI338	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI338	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI340	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI340	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI342	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI342	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI344	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI344	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI346	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI346	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI348	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI348	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI350	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI350	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI352	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI352	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI354	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI354	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI356	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FOSHI356	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI358	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI358	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI360	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI360	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI362	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI362	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI364	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI364	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI366	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI366	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI368	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI368	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI370	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI370	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI372	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI372	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI374	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI374	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI376	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI376	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI378	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI378	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI380	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI380	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI382	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI382	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI384	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI384	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI388	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI388	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI390	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI390	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI396	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI396	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
FOSHI398	-	-	WFC	IMAGE	ALL	F336W		1	2600	1301	1	PAR	1
FOSHI398	-	-	WFC	IMAGE	ALL	F555W		1	2600	1301	1	PAR	1
FOSHI398	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1301	1	PAR	1
FOSHI400	-	-	WFC	IMAGE	ALL	F555W		1	1200	1301	1	PAR	1
FOSHI400	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1301	1	PAR	1
GEOCORONA	(S)		HRS	ACCUM	2.0	G160M		8	300	1203	2	CAL PAR	1
GEOCORONA	(S)		HRS	ACCUM	0.25	G160M		24	300	1203	2	CAL PAR	1
GEOCORONA	(S)		HRS	ACCUM	2.0	G140L	1216	8	300	1204	2	CAL PAR	1
GEOCORONA	(S)		HRS	ACCUM	2.0	G160M	1216	8	300	1204	2	CAL PAR	1
GEOCORONA-11	(S)		HRS	ACCUM	2.0	G140L	1292	8	300	1202	1	CAL PAR	1
GEOCORONA-15	(S)		HRS	ACCUM	2.0	G140L	1292	8	300	1202	1	CAL PAR	1
GEOCORONA-2	(S)		HRS	ACCUM	2.0	G140L	1292	8	300	1202	2	CAL PAR	1
GEOCORONA-20	(S)		HRS	ACCUM	2.0	G140L	1292	8	300	1202	3	CAL PAR	1
GEOCORONA-4	(S)		HRS	ACCUM	2.0	G140L	1292	8	300	1202	2	CAL PAR	1
GEOCORONA-55	(S)		HRS	ACCUM	2.0	G160M	1208	8	300	1202	1	CAL PAR	1
GEOCORONA-8	(S)		HRS	ACCUM	2.0	G140L	1292	8	300	1202	2	CAL PAR	1
HRSL0100	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HRSL0100	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0100	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0100	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0102	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0102	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0102	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0102	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0104	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0104	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0106	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0106	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0108	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0108	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0110	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0110	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0112	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0112	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0114	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0114	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0114	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0116	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0116	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0118	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0118	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0120	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0120	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0122	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0122	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0122	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0124	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0124	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0124	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0126	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0126	-	-	WFC	IMAGE	ALL	G800L		1	2600	1306	1	PAR	1
HRSL0126	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0126	-	-	WFC	IMAGE	ALL	F664N		2	2600	1306	1	PAR	1
HRSL0126	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0128	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0128	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0128	-	-	WFC	IMAGE	ALL	F664N		2	2600	1306	1	PAR	1
HRSL0128	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0130	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0130	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0132	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0132	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0134	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0134	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0134	-	-	WFC	IMAGE	ALL	F664N		2	2600	1306	1	PAR	1
HRSL0134	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0136	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0136	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0138	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HRSL0138	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0140	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0140	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0142	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0142	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0144	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0144	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0146	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0146	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0148	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0150	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0150	-	-	WFC	IMAGE	ALL	G800L		1	2600	1306	1	PAR	1
HRSL0150	-	-	WFC	IMAGE	ALL	F547M		2	2600	1306	1	PAR	1
HRSL0152	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0152	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0154	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0154	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0156	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0156	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0158	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0158	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0160	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0160	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0162	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0162	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0164	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0164	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0166	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0166	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0168	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0168	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0170	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0170	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0172	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0172	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0174	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0174	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0174	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0174	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0176	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0176	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0176	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0178	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0178	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0178	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0178	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0180	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0180	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0180	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0182	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0182	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0182	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HRSL0184	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0184	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0186	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0186	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0186	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0186	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0188	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0188	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0188	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0188	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0190	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0190	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0192	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0192	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0192	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0194	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0194	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0194	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0196	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0196	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0196	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0198	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0198	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0200	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0200	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0202	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0202	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0204	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0204	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0204	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0206	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0206	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0206	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0208	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0208	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0208	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0210	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0210	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0210	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0212	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0212	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0212	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0214	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0214	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0214	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0216	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0216	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0216	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0218	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0218	-	-	WFC	IMAGE	ALL	G800L		1	2600	1306	1	PAR	1
HRSL0218	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0218	-	-	WFC	IMAGE	ALL	F664N		2	2600	1306	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HRSL0218	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0220	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0220	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0220	-	-	WFC	IMAGE	ALL	F664N		2	2600	1306	1	PAR	1
HRSL0220	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0222	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0222	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0222	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0224	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0224	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0226	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0226	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0228	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0228	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0230	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0230	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0232	-	-	WFC	IMAGE	ALL	F555W		1	2000	1306	1	PAR	1
HRSL0234	-	-	WFC	IMAGE	ALL	F785LP		1	2000	1306	1	PAR	1
HRSL0236	-	-	WFC	IMAGE	ALL	F555W		1	2000	1306	1	PAR	1
HRSL0238	-	-	WFC	IMAGE	ALL	F785LP		1	2000	1306	1	PAR	1
HRSL0240	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0242	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0242	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0244	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0244	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0246	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0246	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0248	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0248	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0252	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0252	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0254	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0254	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0254	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0256	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0256	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0256	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0258	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0258	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0260	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0260	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0260	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0262	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0262	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0262	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0264	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0264	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0266	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0266	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0266	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0268	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0268	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HRSL0268	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0270	-	-	WFC	IMAGE	ALL	F547M		1	2600	1306	1	PAR	1
HRSL0270	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0272	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0272	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0272	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0274	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0274	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0276	-	-	WFC	IMAGE	ALL	F547M		1	2600	1306	1	PAR	1
HRSL0276	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0278	-	-	WFC	IMAGE	ALL	F547M		1	2600	1306	1	PAR	1
HRSL0278	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0280	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0280	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0280	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0282	-	-	WFC	IMAGE	ALL	F547M		1	2600	1306	1	PAR	1
HRSL0282	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0284	-	-	WFC	IMAGE	ALL	F547M		1	2600	1306	1	PAR	1
HRSL0284	-	-	WFC	IMAGE	ALL	F664N		1	2600	1306	1	PAR	1
HRSL0286	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0286	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0288	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0288	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0290	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0290	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0292	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0292	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0294	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0294	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0296	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0296	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0298	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0298	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0300	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0300	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0302	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0302	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0304	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0304	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0306	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0306	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0306	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0308	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0308	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0310	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0310	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0312	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0312	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0314	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0314	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0316	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0316	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HRSL0318	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0318	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0320	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0320	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0320	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0322	-	-	WFC	IMAGE	ALL	F336W		1	2600	1306	1	PAR	1
HRSL0322	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0322	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0324	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0324	-	-	WFC	IMAGE	ALL	G800L		1	2600	1306	1	PAR	1
HRSL0324	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0324	-	-	WFC	IMAGE	ALL	F664N		2	2600	1306	1	PAR	1
HRSL0324	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0326	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0326	-	-	WFC	IMAGE	ALL	G800L		1	2600	1306	1	PAR	1
HRSL0326	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0326	-	-	WFC	IMAGE	ALL	F664N		2	2600	1306	1	PAR	1
HRSL0326	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0328	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0328	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0328	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
HRSL0330	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0330	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0332	-	-	WFC	IMAGE	ALL	F555W		1	1200	1306	1	PAR	1
HRSL0332	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1306	1	PAR	1
HRSL0334	-	-	WFC	IMAGE	ALL	F555W		1	2600	1306	1	PAR	1
HRSL0334	-	-	WFC	IMAGE	ALL	F336W		2	2600	1306	1	PAR	1
HRSL0334	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1306	1	PAR	1
JUP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	300	1089	1	PAR	3
JUP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	600	1089	1	PAR	7
JUP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	900	1089	1	PAR	9
JUP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	1000	1089	1	PAR	4
JUP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	450	1089	1	PAR	1
JUP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	750	1089	1	PAR	6
JUP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	1800	1089	1	PAR	9
JUP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	1200	1089	1	PAR	8
JUP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	1380	1089	1	PAR	1
JUPITER-NEIGHBORHOOD	(S)		HRS	ACCUM	2.0	G140L	1375	3	1200	1206	1	CAL PAR	1
M33/WR28-FIELD	(G)		WFC	IMAGE	ALL	G200L		1	800	1150	1	PAR	1
MARS-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	750	1089	1	PAR	3
NEP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	600	1089	1	PAR	1
NEP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	750	1089	1	PAR	9
NEP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	1200	1089	1	PAR	1
NEP.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	3600	1089	1	PAR	4
NGC206/277-FIELD	(G)		WFC	IMAGE	ALL	G200L		1	900	1150	1	PAR	1
OB138/WR1-FIELD	(G)		WFC	IMAGE	ALL	G200L		1	1600	1150	1	PAR	1
OB48/444-FIELD	(G)		WFC	IMAGE	ALL	G200L		1	3200	1150	1	PAR	1
PLU.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	300	1089	1	PAR	2
PLU.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	600	1089	1	PAR	2
PLU.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	1800	1089	1	PAR	5
PLU.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	2400	1089	1	PAR	3
R31-FIELD	(G)		WFC	IMAGE	ALL	G200L		1	240	1152	2	PAR	3

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SAT.-FIELD	(S)		WFC	IMAGE	ALL	F606W		1	300	1089	1	PAR	7
SAT.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	600	1089	1	PAR	2
SAT.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	750	1089	1	PAR	6
SAT.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	1800	1089	1	PAR	16
SAT.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	1200	1089	1	PAR	2
SAT.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	1250	1089	1	PAR	1
SAT.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	3600	1089	1	PAR	2
URN.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	750	1089	1	PAR	6
URN.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	1800	1089	1	PAR	4
URN.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	1200	1089	1	PAR	5
URN.-FIELD	(S)		WFC	IMAGE	ALL	F606W		2	3600	1089	1	PAR	1
V1343-AQL-JET	(G)		WFC	IMAGE	ALL	F502N	5019	1	1000	1051	0	PAR	1
V1343-AQL-JET	(G)		WFC	IMAGE	ALL	F656N	6559	1	1000	1051	0	PAR	1
WFPCCL100	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL100	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL102	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL102	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL104	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL104	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL106	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL106	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL108	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL108	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL110	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL110	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL112	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL112	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL114	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL114	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL116	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL116	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL118	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL118	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL120	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL120	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL122	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL122	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL124	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL124	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL126	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL126	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL128	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL128	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL130	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL130	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL132	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL132	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL134	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL134	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL136	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL136	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL138	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WFPCCL138	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL140	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL140	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL142	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL142	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL144	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL144	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL146	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL146	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL148	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL148	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL150	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL150	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL152	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL152	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL154	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL154	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL156	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL156	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL158	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL158	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL160	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL160	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL162	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL162	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL164	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL164	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL166	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL166	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCCL168	-	-	WFC	IMAGE	ALL	F555W		1	2600	1299	1	PAR	1
WFPCCL168	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1299	1	PAR	1
WFPCCL170	-	-	WFC	IMAGE	ALL	F555W		1	1200	1299	1	PAR	1
WFPCCL170	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1299	1	PAR	1
WFPCGL100	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL100	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL102	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL102	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL104	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL104	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL108	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	2
WFPCGL108	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL110	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	2
WFPCGL110	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL112	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	2
WFPCGL112	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL114	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL114	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL116	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL116	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL118	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	2
WFPCGL118	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL120	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WFPCGL120	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL122	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	2
WFPCGL122	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL124	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	2
WFPCGL124	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL126	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL126	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL128	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL128	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL130	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL130	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL132	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL132	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL134	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL134	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL136	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL136	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL138	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL138	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL140	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL140	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL142	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL142	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL144	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL144	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL146	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL146	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL148	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL148	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL150	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL150	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL152	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL152	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL154	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL154	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL156	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL156	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL158	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL158	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL160	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL160	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL162	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL162	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL164	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL164	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	3
WFPCGL166	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL166	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL168	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL168	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL170	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL170	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL172	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WFPCGL172	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL174	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	2
WFPCGL174	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL176	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	2
WFPCGL176	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL178	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL178	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL180	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL180	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL182	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL182	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL184	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL184	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL186	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL186	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL188	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL188	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL190	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL190	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL192	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL192	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL194	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL194	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL196	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL196	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL198	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL198	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL200	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL200	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL202	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL202	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL204	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL204	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL206	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL206	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL208	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL208	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL210	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL210	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL212	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL212	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL214	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL214	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL216	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	2
WFPCGL216	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL218	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL218	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL220	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL220	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL222	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL222	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL224	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WFPCGL224	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL226	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL226	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL228	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL228	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL230	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	1
WFPCGL230	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	1
WFPCGL232	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	2
WFPCGL232	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCGL234	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL234	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL236	-	-	WFC	IMAGE	ALL	F555W		1	1200	1300	1	PAR	1
WFPCGL236	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1300	1	PAR	1
WFPCGL238	-	-	WFC	IMAGE	ALL	F555W		1	2600	1300	1	PAR	3
WFPCGL238	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1300	1	PAR	2
WFPCHI100	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI100	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI102	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI102	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI104	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI104	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI106	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI106	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI108	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI108	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI110	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI110	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI112	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI112	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI114	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI114	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI116	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI116	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI118	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI118	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI120	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI120	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI122	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI122	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI124	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI124	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI126	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI126	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI128	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI130	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI132	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI134	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI136	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI138	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI140	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI140	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI142	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WFPCHI142	-	-	WFC	IMAGE	ALL	F702W		1	2600	1297	1	PAR	2
WFPCHI142	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	2
WFPCHI144	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI144	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI146	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI146	-	-	WFC	IMAGE	ALL	F702W		1	2600	1297	1	PAR	1
WFPCHI146	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI148	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI148	-	-	WFC	IMAGE	ALL	F702W		1	2600	1297	1	PAR	1
WFPCHI148	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI150	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI150	-	-	WFC	IMAGE	ALL	F702W		1	2600	1297	1	PAR	2
WFPCHI150	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	2
WFPCHI152	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI152	-	-	WFC	IMAGE	ALL	F702W		1	2600	1297	1	PAR	2
WFPCHI152	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	2
WFPCHI154	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI154	-	-	WFC	IMAGE	ALL	F702W		1	2600	1297	1	PAR	2
WFPCHI154	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	2
WFPCHI156	-	-	WFC	IMAGE	ALL	F336W		1	2600	1297	1	PAR	1
WFPCHI156	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI156	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI162	-	-	WFC	IMAGE	ALL	F336W		1	2600	1297	1	PAR	1
WFPCHI162	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI162	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI164	-	-	WFC	IMAGE	ALL	F336W		1	2600	1297	1	PAR	1
WFPCHI164	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI164	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI168	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI170	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI170	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI172	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI172	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI174	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI174	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI176	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI178	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI178	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI180	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI180	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI182	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI182	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI184	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI184	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI186	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI188	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI190	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI190	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI192	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI192	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI194	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI196	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1

Parallel Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WFPCHI200	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI202	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI208	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI210	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI212	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI212	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI214	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI216	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI218	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI220	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI222	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI224	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI226	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI228	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI230	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI232	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI234	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI236	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI238	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI240	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI240	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI242	-	-	WFC	IMAGE	ALL	F336W		1	2600	1297	1	PAR	1
WFPCHI242	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI242	-	-	WFC	IMAGE	ALL	F702W		1	2600	1297	1	PAR	1
WFPCHI242	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI244	-	-	WFC	IMAGE	ALL	F336W		1	2600	1297	1	PAR	1
WFPCHI244	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI244	-	-	WFC	IMAGE	ALL	F702W		1	2600	1297	1	PAR	1
WFPCHI244	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI246	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI248	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI250	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI252	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI254	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI254	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI256	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI256	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI258	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI258	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI260	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI262	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI262	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI264	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI264	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI266	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI268	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI272	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI274	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI276	-	-	WFC	IMAGE	ALL	F336W		1	2600	1297	1	PAR	1
WFPCHI276	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI276	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI278	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1

Parallel Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WFPCHI278	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI280	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI280	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI282	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI284	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI286	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI288	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI290	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI292	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI294	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI296	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI298	-	-	WFC	IMAGE	ALL	F336W		1	2600	1297	1	PAR	1
WFPCHI298	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI298	-	-	WFC	IMAGE	ALL	F702W		1	2600	1297	1	PAR	1
WFPCHI298	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI300	-	-	WFC	IMAGE	ALL	F336W		1	2600	1297	1	PAR	1
WFPCHI300	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI300	-	-	WFC	IMAGE	ALL	F702W		1	2600	1297	1	PAR	1
WFPCHI300	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI302	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI302	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI304	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI304	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCHI306	-	-	WFC	IMAGE	ALL	G800L		1	2600	1297	1	PAR	1
WFPCHI308	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI308	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI310	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	2
WFPCHI310	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	3
WFPCHI312	-	-	WFC	IMAGE	ALL	F555W		1	2600	1297	1	PAR	1
WFPCHI312	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1297	1	PAR	1
WFPCSP100	-	-	WFC	IMAGE	ALL	F555W		1	1200	1298	1	PAR	1
WFPCSP100	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1298	1	PAR	1
WFPCSP102	-	-	WFC	IMAGE	ALL	F555W		1	1200	1298	1	PAR	1
WFPCSP102	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1298	1	PAR	1
WFPCSP104	-	-	WFC	IMAGE	ALL	F555W		1	1200	1298	1	PAR	1
WFPCSP104	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1298	1	PAR	1
WFPCSP106	-	-	WFC	IMAGE	ALL	F555W		1	1200	1298	1	PAR	1
WFPCSP106	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1298	1	PAR	1
WFPCSP108	-	-	WFC	IMAGE	ALL	F555W		1	1200	1298	1	PAR	1
WFPCSP108	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1298	1	PAR	1
WFPCSP110	-	-	WFC	IMAGE	ALL	F555W		1	1200	1298	1	PAR	1
WFPCSP110	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1298	1	PAR	1
WFPCSP112	-	-	WFC	IMAGE	ALL	F555W		1	1200	1298	1	PAR	1
WFPCSP112	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1298	1	PAR	1
WFPCSP114	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP114	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP116	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP116	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP118	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP118	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP120	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP120	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WFPCSP122	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP122	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP124	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP124	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP126	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP126	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP128	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP128	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP130	-	-	WFC	IMAGE	ALL	F336W		1	2600	1298	1	PAR	2
WFPCSP130	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP130	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP132	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP132	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP134	-	-	WFC	IMAGE	ALL	F336W		1	2600	1298	1	PAR	2
WFPCSP134	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP134	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP136	-	-	WFC	IMAGE	ALL	F194W		1	2600	1298	1	PAR	2
WFPCSP136	-	-	WFC	IMAGE	ALL	F336W		1	2600	1298	1	PAR	2
WFPCSP136	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP136	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP138	-	-	WFC	IMAGE	ALL	F555W		1	1200	1298	1	PAR	1
WFPCSP138	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1298	1	PAR	1
WFPCSP140	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP140	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP142	-	-	WFC	IMAGE	ALL	F336W		1	2600	1298	1	PAR	2
WFPCSP142	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP142	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP144	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP144	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP146	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP146	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP148	-	-	WFC	IMAGE	ALL	F555W		1	1200	1298	1	PAR	1
WFPCSP148	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1298	1	PAR	1
WFPCSP150	-	-	WFC	IMAGE	ALL	F555W		1	1200	1298	1	PAR	1
WFPCSP150	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1298	1	PAR	1
WFPCSP152	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP152	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP156	-	-	WFC	IMAGE	ALL	F555W		1	1200	1298	1	PAR	1
WFPCSP156	-	-	WFC	IMAGE	ALL	F785LP		1	1200	1298	1	PAR	1
WFPCSP158	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP158	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP160	-	-	WFC	IMAGE	ALL	F336W		1	2600	1298	1	PAR	1
WFPCSP160	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP160	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP162	-	-	WFC	IMAGE	ALL	F336W		1	2600	1298	1	PAR	2
WFPCSP162	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP162	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP164	-	-	WFC	IMAGE	ALL	F336W		1	2600	1298	1	PAR	2
WFPCSP164	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP164	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP166	-	-	WFC	IMAGE	ALL	F336W		1	2600	1298	1	PAR	2
WFPCSP166	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WFPCSP166	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1
WFPCSP168	-	-	WFC	IMAGE	ALL	F336W		1	2600	1298	1	PAR	2
WFPCSP168	-	-	WFC	IMAGE	ALL	F555W		1	2600	1298	1	PAR	1
WFPCSP168	-	-	WFC	IMAGE	ALL	F785LP		1	2600	1298	1	PAR	1

4.5 FIXED-TARGET OBSERVATIONS FOR GO PROGRAMS

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4051	-	-	WFC	IMAGE	ALL	F194W		1	300	2608	1	ACQ	1
NGC4051	-	-	HSP/UV2	PRISM	1.0	F262M/F145M		1	4260	2608	1		1
NGC6814	-	-	WFC	IMAGE	ALL	F194W		1	300	2608	1	ACQ	1
NGC6814	-	-	HSP/UV2	PRISM	1.0	F262M/F145M		1	4200	2608	1		1
Q0000-26	0 3 23.0	-26 3 19	WFC	IMAGE	ALL	F702W		1	200	2350	1		1
Q0000-26	0 3 23.0	-26 3 19	WFC	IMAGE	ALL	F702W		1	800	2350	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P5	F439W		1	5	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P5	F555W		1	1	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P6	F336W		1	12	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P6	F439W		1	5	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P6	F555W		1	1	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P7	F336W		1	11	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P5	F785LP		1	8	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P6	F785LP		1	8	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P7	F785LP		1	9	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P5	F336W		1	13	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P7	F439W		1	4	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P7	F555W		1	1	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P8	F336W		1	5	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P8	F439W		1	2	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P8	F555W		1	1	2579	1		1
WD0002+729	0 5 6.2	73 13 11	PC	IMAGE	P8	F785LP		1	8	2579	1		1
UM18	0 5 20.3	5 24 10	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
UM18	0 5 20.3	5 24 10	FOS/BL	ACCUM	1.0	G160L	1837	1	810	2424	2		1
PKS0003+15	0 5 59.2	16 9 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS0003+15	0 5 59.2	16 9 49	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS0003+15	0 5 59.2	16 9 49	FOS/RD	ACCUM	1.0	G190H	1980	1	486	2424	1		1
PKS0003+15	0 5 59.2	16 9 49	FOS/BL	ACCUM	1.0	G130H	1379	1	6809	2424	1		1
PKS0005-239	0 8 0.3	-23 39 18	FOC/288	IMAGE	512X512	F210M		1	1800	2624	1		1
KPD0005+5106	0 8 18.2	51 23 17	HRS	ACCUM	2.0	G160M	1615	1	528	2593	1		1
KPD0005+5106	0 8 18.2	51 23 17	HRS	ACCUM	2.0	G160M	1342	1	300	2593	1		1
KPD0005+5106	0 8 18.2	51 23 17	HRS	ACCUM	2.0	G160M	1557	1	300	2593	1		1
KPD0005+5106	0 8 18.2	51 23 17	HRS	ACCUM	2.0	G140L	1293	1	222	2593	1		1
KPD0005+5106	0 8 18.2	51 23 17	HRS	ACCUM	2.0	G140L	1556	1	672	2593	1		1
ESO-0007-2514	0 9 55.9	-24 57 53	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0007-2514	0 9 55.9	-24 57 53	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
IIIZW2	0 10 31.0	10 58 30	FOS/BL	ACQ/BINA	4.3	MIRROR		1	10	2717	1	ACQ	1
IIIZW2	0 10 31.0	10 58 30	FOS/BL	ACCUM	0.5	G270H	2769	1	500	2717	1		1
IIIZW2	0 10 31.0	10 58 30	FOS/BL	ACCUM	0.5	G130H	1379	1	3750	2717	1		1
PKS0008+171	0 10 34.0	17 24 19	FOS/RD	ACCUM	1.0	G400H	4000	1	1140	2578	2		1
PKS0008+171	0 10 34.0	17 24 19	FOS/RD	ACCUM	1.0	G270H	2700	1	1500	2578	2		1
PKS0008+171	0 10 34.0	17 24 19	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
54W057	0 17 44.7	16 51 16	WFC	IMAGE	W1	F555W	5479	1	7500	2405	1		1
54W057	0 17 44.7	16 51 16	WFC	IMAGE	W1	F785LP	8958	1	5100	2405	1		1
GAL-CLUS-001558+1609 -FLD1	0 18 33.6	16 25 46	WFC	IMAGE	ALL	F622W		5	2300	2373	1		1
GAL-CLUS-001558+1609 -FLD1	0 18 33.6	16 25 46	WFC	IMAGE	ALL	F725LP		5	2300	2373	1		1
GAL-CLUS-001558+1609 -FLD2	0 18 35.2	16 27 21	WFC	IMAGE	ALL	F622W		5	2300	2373	2		1
GAL-CLUS-001558+1609 -FLD2	0 18 35.2	16 27 21	WFC	IMAGE	ALL	F725LP		5	2300	2373	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SMC-SMP1-PCPOS	0 23 58.0	-73 37 57	PC	IMAGE	P8	F487N		1	160	2266	1		1
SMC-SMP1-PCPOS	0 23 58.0	-73 37 57	PC	IMAGE	P8	F547M		1	230	2266	1		1
SMC-SMP1-PCPOS	0 23 58.0	-73 37 57	PC	IMAGE	P8	F502N		1	220	2266	1	ACQ	1
SMC-SMP1	0 23 58.0	-73 37 49*	FOS/BL	ACCUM	1.0	G130H	1300	1	460	2266	2		1
SMC-SMP1	0 23 58.0	-73 37 49*	FOS/RD	ACCUM	1.0	G190H	1900	1	130	2266	2		1
SMC-SMP1-OFFSET	0 23 58.0	-73 37 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	27	2266	2	ACQ	1
47TUC-W76	0 24 3.2	-71 55 47	WFC	IMAGE	ALL	F284W		1	360	2009	1	ACQ	1
47TUC-W76	0 24 3.2	-71 55 47	HRS	ACCUM	2.0	G270M	2800	3	798	2009	1		1
NGC0104	0 24 40.3	-71 57 55	PC	IMAGE	ALL	F555W	5479	1	0	2691	1		1
NGC0104	0 24 40.3	-71 57 55	PC	IMAGE	ALL	F555W	5479	1	2	2691	1		2
NGC0104	0 24 40.3	-71 57 55	PC	IMAGE	ALL	F555W	5479	2	100	2691	1		1
NGC0104	0 24 40.3	-71 57 55	PC	IMAGE	ALL	F555W	5479	3	30	2691	1		1
NGC0104	0 24 40.3	-71 57 55	PC	IMAGE	ALL	F555W	5479	4	30	2691	1		1
NGC0104	0 24 40.3	-71 57 55	PC	IMAGE	ALL	F555W	5479	5	30	2691	1		2
0023+171	0 25 37.1	17 28 2	WFC	IMAGE	ALL	F555W		1	500	2350	1		1
0023+171	0 25 37.1	17 28 2	WFC	IMAGE	ALL	F555W		1	2000	2350	1		1
0023+171	0 25 37.1	17 28 2	WFC	IMAGE	ALL	F785LP		1	500	2350	1		1
0023+171	0 25 37.1	17 28 2	WFC	IMAGE	ALL	F785LP		1	2000	2350	1		1
TYCHO-KNOTG	0 25 53.4	64 9 16	WFC	IMAGE	ALL	F656N		1	2500	2355	1		1
TYCHO-KNOTG	0 25 53.4	64 9 16	WFC	IMAGE	ALL	F658N		1	2500	2355	1		1
GAL-CLUS-002400+165300-FLD2	0 26 29.8	17 11 26	WFC	IMAGE	ALL	F814W		3	2300	2373	2		1
GAL-CLUS-002400+165300-FLD2	0 26 29.8	17 11 26	WFC	IMAGE	ALL	F555W		4	2300	2373	2		1
NAB0024+22	0 27 15.3	22 41 59	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
NAB0024+22	0 27 15.3	22 41 59	FOS/BL	ACCUM	1.0	G160L	1837	1	406	2424	3		1
0026+129	0 29 13.7	13 16 4	HRS	ACCUM	2.0	G270M	2807	2	435	2553	1		1
0026+129	0 29 13.7	13 16 4	HRS	ACCUM	2.0	G160M	1562	6	550	2553	1		1
ESO-0027-3331	0 30 21.5	-33 14 51	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0027-3331	0 30 21.5	-33 14 51	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
MII-EXT-CLUSTER-M31	0 32 46.6	39 34 40	WFC	IMAGE	ALL	F336W		1	700	2298	1	ACQ	1
MII-EXT-CLUSTER-M31	0 32 46.6	39 34 40	FOS/RD	ACCUM	1.0-PAIR	G400H	4000	1	855	2298	1		1
MII-EXT-CLUSTER-M31	0 32 46.6	39 34 40	FOS/BL	ACCUM	1.0-PAIR	G130H	1300	1	1680	2298	1		1
MII-EXT-CLUSTER-M31	0 32 46.6	39 34 40	FOS/RD	ACCUM	1.0-PAIR	G270H	2700	1	1939	2298	1		1
MII-OFFSET	0 32 46.6	39 34 40*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	24	2298	1	ACQ	1
MII-OFFSET	0 32 46.6	39 34 40*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	24	2298	1	ACQ	1
G2	0 33 33.8	39 31 19	FOC/96	IMAGE	512X512	F430W		1	2000	2583	1		1
G2	0 33 33.8	39 31 19	FOC/96	IMAGE	512X512	F480LP		1	7639	2583	1		1
MC40031-707	0 34 5.1	-70 25 54	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
MC40031-707	0 34 5.1	-70 25 54	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
MC40031-707	0 34 5.1	-70 25 54	FOS/RD	ACCUM	1.0	G270H	2753	1	300	2424	2		1
MC40031-707	0 34 5.1	-70 25 54	FOS/RD	ACCUM	1.0	G190H	1980	1	696	2424	2		1
MC40031-707	0 34 5.1	-70 25 54	FOS/BL	ACCUM	1.0	G130H	1379	1	5346	2424	2		1
SMC-SMP3-PCPOS	0 34 22.0	-73 13 32	PC	IMAGE	P8	F487N		1	600	2266	1		1
SMC-SMP3-PCPOS	0 34 22.0	-73 13 32	PC	IMAGE	P8	F547M		1	600	2266	1		1
SMC-SMP3-PCPOS	0 34 22.0	-73 13 32	PC	IMAGE	P8	F502N		1	190	2266	1	ACQ	1
SMC-SMP3	0 34 23.0	-73 13 43*	FOS/BL	ACCUM	1.0	G130H	1300	1	880	2266	2		1
SMC-SMP3	0 34 23.0	-73 13 43*	FOS/RD	ACCUM	1.0	G190H	1900	1	240	2266	2		1
SMC-SMP3-OFFSET	0 34 23.0	-73 13 43	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2266	2	ACQ	1
G11	0 36 20.9	40 53 36	FOC/96	IMAGE	512X512	F430W		1	1141	2583	1		1
G11	0 36 20.9	40 53 36	FOC/96	IMAGE	512X512	F480LP		1	4362	2583	1		1
NGC224-FIELD	0 37 49.1	40 6 29	WFC	IMAGE	ALL	F555W		1	1200	2227	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC224-FIELD	0 37 49.1	40 6 29	WFC	IMAGE	ALL	F785LP		1	1200	2227	1		1
NGC224-FIELD	0 37 49.1	40 6 29	FOC/48	IMAGE	512X1024	F150W		1	1200	2227	1	PAR	1
NGC224-FIELD	0 37 49.1	40 6 29	FOC/48	IMAGE	512X1024	F430W		1	1200	2227	1	PAR	1
PKS0035-39	0 38 27.3	-38 59 44	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS0035-39	0 38 27.3	-38 59 44	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS0035-39	0 38 27.3	-38 59 44	FOS/BL	ACCUM	1.0	G160L	1837	1	498	2424	3		1
PKS0035-39	0 38 27.3	-38 59 44	FOS/RD	ACCUM	1.0	G190H	1980	1	1368	2424	3		1
PKS0035-39	0 38 27.3	-38 59 44	FOS/RD	ACCUM	1.0	G270H	2753	1	461	2424	3		1
NGC205-UV-STARS-POS1	0 40 22.6	41 41 1	FOC/48	IMAGE	512X512	F150W		1	1560	2719	1		2
NGC205-UV-STARS-POS1	0 40 22.6	41 41 1	FOC/48	IMAGE	512X512	F220W		1	1080	2719	1		2
K58-EXT-CLUSTER-M31	0 40 26.4	41 27 26	WFC	IMAGE	ALL	F336W		1	700	2298	1	ACQ	1
K58-EXT-CLUSTER-M31	0 40 26.4	41 27 26	FOS/RD	ACCUM	1.0-PAIR	G400H	4000	1	483	2298	1		1
K58-EXT-CLUSTER-M31	0 40 26.4	41 27 26	FOS/BL	ACCUM	1.0-PAIR	G130H	1300	1	1680	2298	1		1
K58-EXT-CLUSTER-M31	0 40 26.4	41 27 26	FOS/RD	ACCUM	1.0-PAIR	G270H	2700	1	2205	2298	1		1
K58-OFFSET	0 40 26.4	41 27 26*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	24	2298	1	ACQ	1
K58-OFFSET	0 40 26.4	41 27 26*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	24	2298	1	ACQ	1
M31-OB78-277	0 40 30.4	40 42 33	HRS	ACCUM	2.0	G140L	1623	2	600	2581	1		1
M31-OB78-277	0 40 30.4	40 42 33	HRS	ACCUM	2.0	G140L	1343	3	600	2581	1		1
G64	0 40 32.4	41 21 44	FOC/96	IMAGE	512X512	F430W		1	2000	2583	1		1
G64	0 40 32.4	41 21 44	FOC/96	IMAGE	512X512	F480LP		1	7639	2583	1		1
M31-OB69-WR2	0 40 56.5	41 3 8	HRS	ACCUM	2.0	G140L	1343	6	600	2581	1		1
M31-OB69-WR2	0 40 56.5	41 3 8	HRS	ACCUM	2.0	G140L	1623	6	600	2581	1		1
SMC-C120	0 41 15.4	-73 44 35	WFC	IMAGE	ALL	F502N		1	600	2263	1	PAR	1
SMC-C120	0 41 15.4	-73 44 35	WFC	IMAGE	ALL	F555W		1	7	2263	1	PAR	1
SMC-C120	0 41 15.4	-73 44 35	WFC	IMAGE	ALL	F702W		1	3	2263	1	PAR	1
SMC-C120	0 41 15.4	-73 44 35	WFC	IMAGE	ALL	F785LP		1	3	2263	1	PAR	1
SMC-C120	0 41 15.4	-73 44 35	WFC	IMAGE	ALL	F785LP		1	8	2263	1	PAR	1
SMC-SMP6	0 41 23.0	-73 47 8*	FOS/BL	ACCUM	1.0	G130H	1300	1	490	2266	2		1
SMC-SMP6	0 41 23.0	-73 47 8*	FOS/RD	ACCUM	1.0	G190H	1900	1	130	2266	2		1
SMC-SMP6-OFFSET	0 41 23.0	-73 47 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	27	2266	2	ACQ	1
SMC-SMP6-PCPOS	0 41 26.0	-73 47 9	PC	IMAGE	P8	F487N		1	30	2266	1		1
SMC-SMP6-PCPOS	0 41 26.0	-73 47 9	PC	IMAGE	P8	F547M		1	30	2266	1		1
SMC-SMP6-PCPOS	0 41 26.0	-73 47 9	PC	IMAGE	P8	F502N		1	10	2266	1	ACQ	1
SMC-26M3	0 42 18.2	-73 18 10	PC	IMAGE	ALL	F502N		1	300	2263	1	SEL PAR	1
SMC-26M3	0 42 18.2	-73 18 10	PC	IMAGE	ALL	F547M		1	80	2263	1	SEL PAR	1
SMC-26M3	0 42 18.2	-73 18 10	PC	IMAGE	ALL	F487N		1	180	2263	1	SEL PAR	1
SMC-26M3	0 42 18.2	-73 18 10	PC	IMAGE	ALL	F656N		1	230	2263	1	SEL PAR	1
SMC-26M3	0 42 18.2	-73 18 10	PC	IMAGE	ALL	F658N		1	1500	2263	1	SEL PAR	1
SMC-26M3	0 42 18.2	-73 18 10	WFC	IMAGE	ALL	F547M		1	20	2263	1	SEL PAR	1
SMC-26M3	0 42 18.2	-73 18 10	WFC	IMAGE	ALL	F658N		1	1000	2263	1	SEL PAR	1
SMC-26M3	0 42 18.2	-73 18 10	WFC	IMAGE	ALL	F487N		1	140	2263	1	SEL PAR	1
SMC-26M3	0 42 18.2	-73 18 10	WFC	IMAGE	ALL	F656N		1	140	2263	1	SEL PAR	1
SMC-26M3	0 42 18.2	-73 18 10	WFC	IMAGE	ALL	F502N		1	230	2263	1	CON SEL PAR	1
NGC224-7	0 42 30.9	41 18 39*	WFC	IMAGE	ALL	F718M		1	600	2735	1		1
NGC224-7	0 42 30.9	41 18 39*	WFC	IMAGE	ALL	F875M		1	500	2735	1		1
NGC224-7	0 42 30.9	41 18 39*	WFC	IMAGE	ALL	F1042M		1	1200	2735	1		1
NGC224-8	0 42 30.9	41 16 9*	WFC	IMAGE	ALL	F718M		1	600	2735	1		1
NGC224-8	0 42 30.9	41 16 9*	WFC	IMAGE	ALL	F875M		1	500	2735	1		1
NGC224-8	0 42 30.9	41 16 9*	WFC	IMAGE	ALL	F1042M		1	1200	2735	1		1
NGC224-9	0 42 30.9	41 13 39*	WFC	IMAGE	ALL	F718M		1	600	2735	1		1
NGC224-9	0 42 30.9	41 13 39*	WFC	IMAGE	ALL	F875M		1	500	2735	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC224-9	0 42 30.9	41 13 39*	WFC	IMAGE	ALL	F1042M		1	1200	2735	1		1
SMC-SMP7-PCPOS	0 42 31.0	-73 21 1	PC	IMAGE	P8	F547M		1	1000	2266	1		1
SMC-SMP7-PCPOS	0 42 31.0	-73 21 1	PC	IMAGE	P8	F502N		1	1000	2266	1	ACQ	1
SMC-SMP7	0 42 33.0	-73 21 7*	FOS/BL	ACCUM	1.0	G130H	1300	1	1700	2266	2		1
SMC-SMP7	0 42 33.0	-73 21 7*	FOS/RD	ACCUM	1.0	G190H	1900	1	540	2266	2		1
SMC-SMP7-OFFSET	0 42 33.0	-73 21 7	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2266	2	ACQ	1
NGC221-UV-STARS	0 42 41.7	40 51 54	FOC/48	IMAGE	512X512	F150W		1	1560	2719	1		2
NGC221-UV-STARS	0 42 41.7	40 51 54	FOC/48	IMAGE	512X512	F220W		1	1080	2719	1		2
NGC224-2	0 42 44.2	41 13 39*	WFC	IMAGE	ALL	F718M		1	600	2735	1		1
NGC224-2	0 42 44.2	41 13 39*	WFC	IMAGE	ALL	F875M		1	500	2735	1		1
NGC224-2	0 42 44.2	41 13 39*	WFC	IMAGE	ALL	F1042M		1	1200	2735	1		1
NGC224-1	0 42 44.2	41 16 9	PC	IMAGE	ALL	F875M		2	400	2735	1		1
NGC224-1	0 42 44.2	41 16 9	PC	IMAGE	ALL	F439W		1	150	2735	1		1
NGC224-1	0 42 44.2	41 16 9	PC	IMAGE	ALL	F622W		1	150	2735	1		1
NGC224-1	0 42 44.2	41 16 9	PC	IMAGE	ALL	F718M		1	1200	2735	1		1
NGC224-1	0 42 44.2	41 16 9	WFC	IMAGE	ALL	F718M		1	600	2735	1		1
NGC224-1	0 42 44.2	41 16 9	WFC	IMAGE	ALL	F875M		1	500	2735	1		1
NGC224-1	0 42 44.2	41 16 9	PC	IMAGE	ALL	F1042M		2	1200	2735	1		1
NGC224-1	0 42 44.2	41 16 9	WFC	IMAGE	ALL	F1042M		1	1200	2735	1		1
NGC224-6	0 42 44.2	41 18 39*	WFC	IMAGE	ALL	F718M		1	600	2735	1		1
NGC224-6	0 42 44.2	41 18 39*	WFC	IMAGE	ALL	F875M		1	500	2735	1		1
NGC224-6	0 42 44.2	41 18 39*	WFC	IMAGE	ALL	F1042M		1	1200	2735	1		1
NGC224-UV-STARS	0 42 44.9	41 16 8	FOC/48	IMAGE	512X512	F150W		1	1560	2719	1		2
NGC224-UV-STARS	0 42 44.9	41 16 8	FOC/48	IMAGE	512X512	F220W		1	1080	2719	1		2
NGC224-3	0 42 57.5	41 13 39*	WFC	IMAGE	ALL	F718M		1	600	2735	1		1
NGC224-3	0 42 57.5	41 13 39*	WFC	IMAGE	ALL	F875M		1	500	2735	1		1
NGC224-3	0 42 57.5	41 13 39*	WFC	IMAGE	ALL	F1042M		1	1200	2735	1		1
NGC224-4	0 42 57.5	41 16 9*	WFC	IMAGE	ALL	F718M		1	600	2735	1		1
NGC224-4	0 42 57.5	41 16 9*	WFC	IMAGE	ALL	F875M		1	500	2735	1		1
NGC224-4	0 42 57.5	41 16 9*	WFC	IMAGE	ALL	F1042M		1	1200	2735	1		1
NGC224-5	0 42 57.5	41 18 39*	WFC	IMAGE	ALL	F718M		1	600	2735	1		1
NGC224-5	0 42 57.5	41 18 39*	WFC	IMAGE	ALL	F875M		1	500	2735	1		1
NGC224-5	0 42 57.5	41 18 39*	WFC	IMAGE	ALL	F1042M		1	1200	2735	1		1
MIV-EXT-CLUSTER-M31	0 43 17.8	39 49 13	WFC	IMAGE	ALL	F336W		1	700	2298	1	ACQ	1
MIV-EXT-CLUSTER-M31	0 43 17.8	39 49 13	FOS/RD	ACCUM	1.0-PAIR	G400H	4000	1	785	2298	1		1
MIV-EXT-CLUSTER-M31	0 43 17.8	39 49 13	FOS/BL	ACCUM	1.0-PAIR	G130H	1300	1	1680	2298	1		1
MIV-EXT-CLUSTER-M31	0 43 17.8	39 49 13	FOS/RD	ACCUM	1.0-PAIR	G270H	2700	1	2008	2298	1		1
MIV-OFFSET	0 43 17.8	39 49 13*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	24	2298	1	ACQ	1
MIV-OFFSET	0 43 17.8	39 49 13*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	24	2298	1	ACQ	1
G244	0 43 45.5	41 37 0	FOC/96	IMAGE	512X512	F430W		1	2000	2583	1		1
G244	0 43 45.5	41 37 0	FOC/96	IMAGE	512X512	F480LP		1	7639	2583	1		1
Q0041-261	0 43 58.8	-25 51 15	FOS/RD	ACCUM	1.0	G270H	2560	1	1500	2644	1		1
Q0041-261	0 43 58.8	-25 51 15	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2644	1	ACQ	1
G272	0 44 14.3	41 19 19	FOC/96	IMAGE	512X512	F430W		1	1141	2583	1		1
G272	0 44 14.3	41 19 19	FOC/96	IMAGE	512X512	F480LP		1	4362	2583	1		1
K280-EXT-CLUSTER-M31	0 44 29.5	41 21 35	WFC	IMAGE	ALL	F336W		1	700	2298	1	ACQ	1
K280-EXT-CLUSTER-M31	0 44 29.5	41 21 35	FOS/BL	ACCUM	1.0-PAIR	G130H	1300	1	1680	2298	1		1
K280-EXT-CLUSTER-M31	0 44 29.5	41 21 35	FOS/RD	ACCUM	1.0-PAIR	G400H	4000	1	858	2298	1		1
K280-EXT-CLUSTER-M31	0 44 29.5	41 21 35	FOS/RD	ACCUM	1.0-PAIR	G270H	2700	1	1934	2298	1		1
K280-OFFSET	0 44 29.5	41 21 35*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	24	2298	1	ACQ	1
K280-OFFSET	0 44 29.5	41 21 35*	FOS/RD	ACQ/BINA	4.3	MIRROR		1	24	2298	1	ACQ	1
G286	0 44 40.2	41 15 0	PC	IMAGE	ANY	F555W		1	921	2583	1	PAR	1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
G286	0 44 40.2	41 15 0	PC	IMAGE	ANY	F785LP		1	3978	2583	1	PAR	1
NGC188-I69-CALIB	0 44 52.7	85 14 6	FOS/RD	ACQ/BINA	4.3	MIRROR		1	0	2600	1	ACQ	1
NGC188-I69-CALIB	0 44 52.7	85 14 6	FOS/RD	ACQ/BINA	4.3	MIRROR		1	0	2600	2	ACQ	1
NGC188-I69-CALIB	0 44 52.7	85 14 6	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	670	2600	1	CAL	1
NGC188-I69-CALIB	0 44 52.7	85 14 6	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	670	2600	2	CAL	1
M31-OB48-444	0 45 15.4	41 37 47	HRS	ACCUM	2.0	G140L	1623	3	600	2581	1		1
M31-OB48-444	0 45 15.4	41 37 47	HRS	ACCUM	2.0	G140L	1343	6	600	2581	1		1
G305	0 45 41.8	41 45 33	FOC/96	IMAGE	512X512	F430W		1	2000	2583	1		1
G305	0 45 41.8	41 45 33	FOC/96	IMAGE	512X512	F480LP		1	7639	2583	1		1
PG0043+039	0 45 47.2	4 10 24	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PG0043+039	0 45 47.2	4 10 24	FOS/RD	ACCUM	1.0	G190H	1980	1	870	2424	1		1
PG0043+039	0 45 47.2	4 10 24	FOS/RD	ACCUM	1.0	G270H	2753	1	318	2424	1		1
PG0043+039	0 45 47.2	4 10 24	FOS/BL	ACCUM	1.0	G130H	1379	1	6558	2424	1		1
PG0043+039	0 45 47.2	4 10 24	FOS/RD	ACQ/BINA	4.3	MIRROR		1	7	2424	1	ACQ	1
G319	0 46 21.9	40 16 59	FOC/96	IMAGE	512X512	F430W		1	2000	2583	1		1
G319	0 46 21.9	40 16 59	FOC/96	IMAGE	512X512	F480LP		1	7639	2583	1		1
G322	0 46 27.0	42 1 52	FOC/96	IMAGE	512X512	F430W		1	1141	2583	1		1
G322	0 46 27.0	42 1 52	FOC/96	IMAGE	512X512	F480LP		1	4362	2583	1		1
PKS0044+030	0 47 5.9	3 19 55	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS0044+030	0 47 5.9	3 19 55	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS0044+030	0 47 5.9	3 19 55	FOS/BL	ACCUM	1.0	G160L	1837	1	480	2424	2		1
PKS0044+030	0 47 5.9	3 19 55	FOS/RD	ACCUM	1.0	G270H	2753	1	294	2424	2		1
PKS0044+030	0 47 5.9	3 19 55	FOS/RD	ACCUM	1.0	G190H	1980	1	1092	2424	2		1
ESO-0044-2102	0 47 8.3	-20 45 34	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0044-2102	0 47 8.3	-20 45 34	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC247-FIELD	0 47 35.0	-20 39 32	WFC	IMAGE	ALL	F555W		1	1200	2227	1		1
NGC247-FIELD	0 47 35.0	-20 39 32	WFC	IMAGE	ALL	F785LP		1	1200	2227	1		1
NGC247-FIELD	0 47 35.0	-20 39 32	FOC/48	IMAGE	512X1024	F150W		1	1200	2227	1	PAR	1
NGC247-FIELD	0 47 35.0	-20 39 32	FOC/48	IMAGE	512X1024	F430W		1	1200	2227	1	PAR	1
SMC-C532	0 48 19.0	-72 55 35	WFC	IMAGE	ALL	F502N		1	600	2263	1	PAR	1
SMC-C532	0 48 19.0	-72 55 35	WFC	IMAGE	ALL	F555W		1	10	2263	1	PAR	1
SMC-C532	0 48 19.0	-72 55 35	WFC	IMAGE	ALL	F702W		1	3	2263	1	PAR	1
SMC-C532	0 48 19.0	-72 55 35	WFC	IMAGE	ALL	F785LP		1	4	2263	1	PAR	1
SMC-C532	0 48 19.0	-72 55 35	WFC	IMAGE	ALL	F785LP		1	10	2263	1	PAR	1
Q0046-293	0 48 29.6	-29 3 21	WFC	IMAGE	ALL	F702W		1	200	2350	1		1
Q0046-293	0 48 29.6	-29 3 21	WFC	IMAGE	ALL	F702W		1	800	2350	1		1
SMC-25W1	0 48 43.1	-73 3 9	WFC	IMAGE	ALL	F487N		1	80	2263	1	PAR	1
SMC-25W1	0 48 43.1	-73 3 9	WFC	IMAGE	ALL	F547M		1	20	2263	1	PAR	1
SMC-25W1	0 48 43.1	-73 3 9	WFC	IMAGE	ALL	F656N		1	100	2263	1	PAR	1
SMC-25W1	0 48 43.1	-73 3 9	WFC	IMAGE	ALL	F502N		1	230	2263	1	PAR	1
MRK348	0 48 47.2	31 57 25	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK348	0 48 47.2	31 57 25	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
SMC-C579	0 48 56.0	-72 56 59	WFC	IMAGE	ALL	F502N		1	600	2263	1	PAR	1
SMC-C579	0 48 56.0	-72 56 59	WFC	IMAGE	ALL	F555W		1	10	2263	1	PAR	1
SMC-C579	0 48 56.0	-72 56 59	WFC	IMAGE	ALL	F702W		1	3	2263	1	PAR	1
SMC-C579	0 48 56.0	-72 56 59	WFC	IMAGE	ALL	F785LP		1	3	2263	1	PAR	1
SMC-C579	0 48 56.0	-72 56 59	WFC	IMAGE	ALL	F785LP		1	8	2263	1	PAR	1
V-MA-2	0 49 6.0	5 25 20	FOS/RD	ACCUM	1.0	G270H	2700	1	1200	2593	2		1
V-MA-2	0 49 6.0	5 25 20	FOS/BL	ACCUM	1.0	G190H	1944	1	900	2593	2		1
SMC-C706	0 50 23.6	-73 43 44	WFC	IMAGE	ALL	F702W		1	5	2263	1	PAR	1
SMC-C706	0 50 23.6	-73 43 44	WFC	IMAGE	ALL	F502N		1	1300	2263	1	PAR	1
SMC-C706	0 50 23.6	-73 43 44	WFC	IMAGE	ALL	F555W		1	14	2263	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SMC-C706	0 50 23.6	-73 43 44	WFC	IMAGE	ALL	F785LP		1	5	2263	1	PAR	1
SMC-C706	0 50 23.6	-73 43 44	WFC	IMAGE	ALL	F785LP		1	14	2263	1	PAR	1
SMC-15Q2	0 50 52.5	-73 44 56	PC	IMAGE	ALL	F487N		1	700	2263	1	SEL PAR	1
SMC-15Q2	0 50 52.5	-73 44 56	PC	IMAGE	ALL	F502N		1	100	2263	1	SEL PAR	1
SMC-15Q2	0 50 52.5	-73 44 56	PC	IMAGE	ALL	F547M		1	80	2263	1	SEL PAR	1
SMC-15Q2	0 50 52.5	-73 44 56	PC	IMAGE	ALL	F656N		1	800	2263	1	SEL PAR	1
SMC-15Q2	0 50 52.5	-73 44 56	WFC	IMAGE	ALL	F487N		1	600	2263	1	SEL PAR	1
SMC-15Q2	0 50 52.5	-73 44 56	WFC	IMAGE	ALL	F547M		1	20	2263	1	SEL PAR	1
SMC-15Q2	0 50 52.5	-73 44 56	WFC	IMAGE	ALL	F656N		1	500	2263	1	SEL PAR	1
SMC-15Q2	0 50 52.5	-73 44 56	WFC	IMAGE	ALL	F502N		1	70	2263	1	CON SEL PAR	1
Q0048-261	0 51 9.2	-25 52 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	12	2644	1	ACQ	1
Q0048-261	0 51 9.2	-25 52 16	FOS/BL	ACCUM	1.0	G130H	1429	1	9000	2644	1		1
SMC-C759	0 51 16.0	-72 29 43	WFC	IMAGE	ALL	F502N		1	400	2263	1	PAR	1
SMC-C759	0 51 16.0	-72 29 43	WFC	IMAGE	ALL	F702W		1	4	2263	1	PAR	1
SMC-C759	0 51 16.0	-72 29 43	WFC	IMAGE	ALL	F555W		1	12	2263	1	PAR	1
SMC-C759	0 51 16.0	-72 29 43	WFC	IMAGE	ALL	F785LP		1	4	2263	1	PAR	1
SMC-C759	0 51 16.0	-72 29 43	WFC	IMAGE	ALL	F785LP		1	10	2263	1	PAR	1
SMC-C780	0 51 28.7	-72 28 44	WFC	IMAGE	ALL	F502N		1	400	2263	1	PAR	1
SMC-C780	0 51 28.7	-72 28 44	WFC	IMAGE	ALL	F555W		1	10	2263	1	PAR	1
SMC-C780	0 51 28.7	-72 28 44	WFC	IMAGE	ALL	F702W		1	3	2263	1	PAR	1
SMC-C780	0 51 28.7	-72 28 44	WFC	IMAGE	ALL	F785LP		1	7	2263	1	PAR	1
SMC-C780	0 51 28.7	-72 28 44	WFC	IMAGE	ALL	F785LP		1	2	2263	1	PAR	1
SMC-C784	0 51 29.5	-72 24 12	WFC	IMAGE	ALL	F502N		1	400	2263	1	PAR	1
SMC-C784	0 51 29.5	-72 24 12	WFC	IMAGE	ALL	F702W		1	5	2263	1	PAR	1
SMC-C784	0 51 29.5	-72 24 12	WFC	IMAGE	ALL	F555W		1	12	2263	1	PAR	1
SMC-C784	0 51 29.5	-72 24 12	WFC	IMAGE	ALL	F785LP		1	6	2263	1	PAR	1
SMC-C784	0 51 29.5	-72 24 12	WFC	IMAGE	ALL	F785LP		1	16	2263	1	PAR	1
SMC-25G7	0 51 36.5	-73 20 16	WFC	IMAGE	ALL	F547M		1	20	2263	1	PAR	1
SMC-25G7	0 51 36.5	-73 20 16	WFC	IMAGE	ALL	F656N		1	260	2263	1	PAR	1
SMC-C801	0 51 45.5	-73 20 34	WFC	IMAGE	ALL	F555W		1	10	2263	1	PAR	1
SMC-C801	0 51 45.5	-73 20 34	WFC	IMAGE	ALL	F702W		1	4	2263	1	PAR	1
SMC-C801	0 51 45.5	-73 20 34	WFC	IMAGE	ALL	F502N		1	350	2263	1	PAR	1
SMC-C801	0 51 45.5	-73 20 34	WFC	IMAGE	ALL	F785LP		1	6	2263	1	PAR	1
SMC-C801	0 51 45.5	-73 20 34	WFC	IMAGE	ALL	F785LP		1	16	2263	1	PAR	1
SMC-SMP17	0 51 54.0	-71 24 41*	FOS/RD	ACCUM	1.0	G190H	1900	1	70	2266	2		1
SMC-SMP17	0 51 54.0	-71 24 41*	FOS/BL	ACCUM	1.0	G130H	1300	1	240	2266	2		1
SMC-SMP17-OFFSET	0 51 54.0	-71 24 41	FOS/BL	ACQ/BINA	4.3	MIRROR		1	17	2266	2	ACQ	1
SMC-SMP17-PCPOS	0 51 55.0	-71 24 43	PC	IMAGE	P8	F487N		1	400	2266	1		1
SMC-SMP17-PCPOS	0 51 55.0	-71 24 43	PC	IMAGE	P8	F502N		1	60	2266	1	ACQ	1
SMC-SMP17-PCPOS	0 51 55.0	-71 24 43	PC	IMAGE	P8	F547M		1	230	2266	1		1
SMC-C828	0 52 8.8	-73 17 54	WFC	IMAGE	ALL	F555W		1	10	2263	1	PAR	1
SMC-C828	0 52 8.8	-73 17 54	WFC	IMAGE	ALL	F502N		1	350	2263	1	PAR	1
SMC-C828	0 52 8.8	-73 17 54	WFC	IMAGE	ALL	F702W		1	3	2263	1	PAR	1
SMC-C828	0 52 8.8	-73 17 54	WFC	IMAGE	ALL	F785LP		1	3	2263	1	PAR	1
SMC-C828	0 52 8.8	-73 17 54	WFC	IMAGE	ALL	F785LP		1	8	2263	1	PAR	1
NGC289	0 52 41.9	-31 12 18	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
NGC289	0 52 41.9	-31 12 18	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
GD-659	0 53 17.9	-32 59 56	HRS	ACCUM	2.0	G140L	1288	1	900	2593	2		1
IZW1	0 53 33.8	12 41 26	PC	IMAGE	P8	F439W		1	200	2616	1		1
IZW1	0 53 33.8	12 41 26	PC	IMAGE	P8	F439W		1	2000	2616	1		1
IZW1	0 53 33.8	12 41 26	PC	IMAGE	P8	F675W		1	200	2616	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
IZW1	0 53 33.8	12 41 26	PC	IMAGE	P8	F675W		1	2000	2616	1		1
IZW1	0 53 33.8	12 41 26	PC	IMAGE	P8	F850LP		1	200	2616	1		1
IZW1	0 53 33.8	12 41 26	PC	IMAGE	P8	F850LP		1	2000	2616	1		1
Q0051-279	0 54 15.5	-27 42 8	WFC	IMAGE	ALL	F702W		1	200	2350	1		1
Q0051-279	0 54 15.5	-27 42 8	WFC	IMAGE	ALL	F702W		1	800	2350	1		1
PG0052+251	0 54 52.2	25 25 39	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PG0052+251	0 54 52.2	25 25 39	FOS/BL	ACCUM	1.0	G130H	1379	1	2424	2424	2		1
NGC300-PAR1	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F547M		1	600	2356	1	SEL PAR	1
NGC300-PAR1	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F656N		1	2000	2356	1	SEL PAR	1
NGC300-PAR1	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F547M		1	600	2356	1	CON SEL PAR	1
NGC300-PAR1	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F656N		1	2000	2356	1	CON SEL PAR	1
NGC300-PAR1	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F673N		1	2400	2356	1	CON SEL PAR	1
NGC300-PAR1	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F502N		1	2325	2356	1	SEL PAR	1
NGC300-PAR1	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F673N		1	2325	2356	1	SEL PAR	1
NGC300-PAR2	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F547M		1	600	2356	1	SEL PAR	1
NGC300-PAR2	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F656N		1	2000	2356	1	SEL PAR	1
NGC300-PAR2	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F547M		1	600	2356	1	CON SEL PAR	1
NGC300-PAR2	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F656N		1	2000	2356	1	CON SEL PAR	1
NGC300-PAR2	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F673N		1	2400	2356	1	CON SEL PAR	1
NGC300-PAR2	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F502N		1	2325	2356	1	SEL PAR	1
NGC300-PAR2	0 54 52.7	-37 41 9	WFC	IMAGE	ALL	F673N		1	2325	2356	1	SEL PAR	1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-A	1122	1	19	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-A	1159	1	14	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-A	1303	1	18	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-B	1744	1	32	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-B	1807	1	22	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-B	2370	1	11	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	ACCUM	0.25	ECH-B	2323	1	7	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	ACCUM	0.25	ECH-A	1548	1	15	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	ACCUM	0.25	ECH-A	1547	1	15	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	ACCUM	0.25	ECH-A	1548	1	15	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	ACCUM	0.25	ECH-A	1334	1	7	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	ACCUM	0.25	ECH-A	1333	1	7	2251	2		2
HD005394	0 56 42.4	60 43 0	HRS	ACCUM	0.25	ECH-B	2324	1	7	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	ACCUM	0.25	ECH-B	2325	1	7	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-A	1192	1	16	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-B	2058	1	18	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-A	1279	1	14	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-A	1240	1	23	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-A	1357	1	36	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-B	2025	1	18	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	ACCUM	0.25	ECH-A	1251	1	6	2251	2		2
HD005394	0 56 42.4	60 43 0	HRS	ACCUM	0.25	ECH-A	1252	1	6	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-B	1827	1	25	2251	2		1
HD005394	0 56 42.4	60 43 0	HRS	WSCAN	0.25	ECH-A	1391	1	42	2251	2		1
PHL909	0 57 10.0	14 46 10	FOS/BL	ACCUM	0.5	PRISM	3675	1	400	2296	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PHL909	0 57 10.0	14 46 10	FOS/BL	ACCUM	0.5	G130H	1379	1	6650	2296	1		1
PHL909	0 57 10.0	14 46 10	FOS/BL	ACCUM	0.5	G190H	1938	1	6050	2296	1		1
PHL909	0 57 10.0	14 46 10	FOS/BL	ACCUM	0.5	G270H	2766	1	2450	2296	1		1
PHL909	0 57 10.0	14 46 10	FOS/BL	ACQ/BINA	4.3	MIRROR		1	6	2296	1	ACQ	1
SMC-C1290	0 58 38.5	-72 6 29	WFC	IMAGE	ALL	F555W		1	10	2263	1	PAR	1
SMC-C1290	0 58 38.5	-72 6 29	WFC	IMAGE	ALL	F702W		1	4	2263	1	PAR	1
SMC-C1290	0 58 38.5	-72 6 29	WFC	IMAGE	ALL	F502N		1	1500	2263	1	PAR	1
SMC-C1290	0 58 38.5	-72 6 29	WFC	IMAGE	ALL	F785LP		1	4	2263	1	PAR	1
SMC-C1290	0 58 38.5	-72 6 29	WFC	IMAGE	ALL	F785LP		1	12	2263	1	PAR	1
SMC-C1296	0 58 41.1	-72 5 13	WFC	IMAGE	ALL	F555W		1	10	2263	1	PAR	1
SMC-C1296	0 58 41.1	-72 5 13	WFC	IMAGE	ALL	F502N		1	1500	2263	1	PAR	1
SMC-C1296	0 58 41.1	-72 5 13	WFC	IMAGE	ALL	F702W		1	3	2263	1	PAR	1
SMC-C1296	0 58 41.1	-72 5 13	WFC	IMAGE	ALL	F785LP		1	10	2263	1	PAR	1
SMC-C1296	0 58 41.1	-72 5 13	WFC	IMAGE	ALL	F785LP		1	3	2263	1	PAR	1
NGC346-6	0 58 57.7	-72 10 34	HRS	ACCUM	0.25	G140L	1350	1	775	2233	1		1
NGC346-6	0 58 57.7	-72 10 34	HRS	ACCUM	0.25	G140L	1625	1	2939	2233	1		1
NGC346-4	0 59 0.4	-72 10 38	HRS	ACCUM	0.25	G140L	1350	1	555	2233	1		1
NGC346-4	0 59 0.4	-72 10 38	HRS	ACCUM	0.25	G140L	1625	1	2115	2233	1		1
NGC346-3	0 59 1.1	-72 10 28	WFC	IMAGE	ALL	F547M		1	0	2233	1	ACQ	1
NGC346-3	0 59 1.1	-72 10 28	WFC	IMAGE	ALL	F284W		1	0	2233	1	ACQ	1
NGC346-3	0 59 1.1	-72 10 28	HRS	ACCUM	0.25	G140L	1350	1	319	2233	1		1
NGC346-3	0 59 1.1	-72 10 28	HRS	ACCUM	0.25	G140L	1625	1	1339	2233	1		1
NGC346-5	0 59 2.1	-72 10 31	HRS	ACCUM	0.25	G140L	1350	1	897	2233	1		1
NGC346-5	0 59 2.1	-72 10 31	HRS	ACCUM	0.25	G140L	1625	1	3311	2233	1		1
NGC346-1	0 59 4.8	-72 10 25	HRS	ACCUM	0.25	G140L	1350	1	159	2233	1		1
NGC346-1	0 59 4.8	-72 10 25	HRS	ACCUM	0.25	G140L	1625	1	645	2233	1		1
PHL923	0 59 5.5	0 6 52	FOS/RD	ACCUM	1.0	G400H	4000	1	600	2578	2		1
PHL923	0 59 5.5	0 6 52	FOS/RD	ACCUM	1.0	G190H	1900	1	1440	2578	2		1
PHL923	0 59 5.5	0 6 52	FOS/RD	ACCUM	1.0	G270H	2700	1	720	2578	2		1
PHL923	0 59 5.5	0 6 52	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
SMC-C1330	0 59 23.3	-72 8 32	WFC	IMAGE	ALL	F555W		1	10	2263	1	PAR	1
SMC-C1330	0 59 23.3	-72 8 32	WFC	IMAGE	ALL	F702W		1	4	2263	1	PAR	1
SMC-C1330	0 59 23.3	-72 8 32	WFC	IMAGE	ALL	F502N		1	1500	2263	1	PAR	1
SMC-C1330	0 59 23.3	-72 8 32	WFC	IMAGE	ALL	F785LP		1	5	2263	1	PAR	1
SMC-C1330	0 59 23.3	-72 8 32	WFC	IMAGE	ALL	F785LP		1	12	2263	1	PAR	1
SMC-44F5	0 59 26.9	-72 11 47	PC	IMAGE	ALL	F502N		1	300	2263	1	SEL PAR	1
SMC-44F5	0 59 26.9	-72 11 47	PC	IMAGE	ALL	F547M		1	80	2263	1	SEL PAR	1
SMC-44F5	0 59 26.9	-72 11 47	PC	IMAGE	ALL	F487N		1	180	2263	1	SEL PAR	1
SMC-44F5	0 59 26.9	-72 11 47	PC	IMAGE	ALL	F656N		1	230	2263	1	SEL PAR	1
SMC-44F5	0 59 26.9	-72 11 47	PC	IMAGE	ALL	F658N		1	1500	2263	1	SEL PAR	1
SMC-44F5	0 59 26.9	-72 11 47	WFC	IMAGE	ALL	F547M		1	20	2263	1	SEL PAR	1
SMC-44F5	0 59 26.9	-72 11 47	WFC	IMAGE	ALL	F658N		1	1000	2263	1	SEL PAR	1
SMC-44F5	0 59 26.9	-72 11 47	WFC	IMAGE	ALL	F487N		1	140	2263	1	SEL PAR	1
SMC-44F5	0 59 26.9	-72 11 47	WFC	IMAGE	ALL	F656N		1	140	2263	1	SEL PAR	1
SMC-44F5	0 59 26.9	-72 11 47	WFC	IMAGE	ALL	F502N		1	230	2263	1	CON SEL PAR	1
SMC-C1340	0 59 29.7	-72 4 5	WFC	IMAGE	ALL	F502N		1	800	2263	1	PAR	1
SMC-C1340	0 59 29.7	-72 4 5	WFC	IMAGE	ALL	F555W		1	7	2263	1	PAR	1
SMC-C1340	0 59 29.7	-72 4 5	WFC	IMAGE	ALL	F785LP		1	7	2263	1	PAR	1
SMC-C1340	0 59 29.7	-72 4 5	WFC	IMAGE	ALL	F702W		1	2	2263	1	PAR	1
SMC-C1340	0 59 29.7	-72 4 5	WFC	IMAGE	ALL	F785LP		1	2	2263	1	PAR	1
AV-232	0 59 32.2	-72 10 46	HRS	ACCUM	0.25	G140L	1350	1	131	2233	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
AV-232	0 59 32.2	-72 10 46	HRS	ACCUM	0.25	G140L	1625	1	635	2233	1		1
SCULPTOR-F1	0 59 46.4	-33 38 58	PC	IMAGE	ALL	F555W		1	50	2495	1		1
SCULPTOR-F1	0 59 46.4	-33 38 58	PC	IMAGE	ALL	F791W		1	100	2495	1		1
SCULPTOR-F1	0 59 46.4	-33 38 58	PC	IMAGE	ALL	F555W		1	1200	2495	1		2
SCULPTOR-F1	0 59 46.4	-33 38 58	PC	IMAGE	ALL	F791W		1	2100	2495	1		3
AV-238	0 59 55.2	-72 13 37	HRS	ACCUM	0.25	G140L	1350	1	516	2233	1		1
AV-238	0 59 55.2	-72 13 37	HRS	ACCUM	0.25	G140L	1625	1	2492	2233	1		1
AV-243	1 0 6.8	-72 47 19	HRS	ACCUM	0.25	G140L	1625	1	2605	2233	1		1
AV-243	1 0 6.8	-72 47 19	HRS	ACCUM	0.25	G140L	1350	1	694	2233	1		1
SCULPTOR-F2	1 0 19.2	-33 43 33	PC	IMAGE	ALL	F555W		1	50	2495	1		1
SCULPTOR-F2	1 0 19.2	-33 43 33	PC	IMAGE	ALL	F791W		1	100	2495	1		1
SCULPTOR-F2	1 0 19.2	-33 43 33	PC	IMAGE	ALL	F555W		1	1200	2495	1		2
SCULPTOR-F2	1 0 19.2	-33 43 33	PC	IMAGE	ALL	F791W		1	2100	2495	1		3
UM301	1 3 13.0	2 21 11	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
UM301	1 3 13.0	2 21 11	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
UM301	1 3 13.0	2 21 11	FOS/RD	ACCUM	1.0	G190H	1980	1	1380	2424	3		1
UM301	1 3 13.0	2 21 11	FOS/RD	ACCUM	1.0	G270H	2753	1	498	2424	3		1
UM301	1 3 13.0	2 21 11	FOS/BL	ACCUM	1.0	G130H	1379	1	10476	2424	3		1
Q0101-304	1 3 37.4	-30 8 59	WFC	IMAGE	ALL	F702W		1	200	2350	1		1
Q0101-304	1 3 37.4	-30 8 59	WFC	IMAGE	ALL	F702W		1	800	2350	1		1
SNR0102-72.3	1 4 2.2	-72 1 56	WFC	IMAGE	ALL	F673N		1	1000	2292	1		1
SNR0102-72.3	1 4 2.2	-72 1 56	WFC	IMAGE	ALL	F375N		1	1500	2292	1		1
SNR0102-72.3	1 4 2.2	-72 1 56	WFC	IMAGE	ALL	F492M		1	1500	2292	1		1
SNR0102-72.3	1 4 2.2	-72 1 56	WFC	IMAGE	ALL	F547M		1	120	2292	1		1
SMC-C1633	1 4 42.6	-73 1 43	WFC	IMAGE	ALL	F555W		1	7	2263	1	PAR	1
SMC-C1633	1 4 42.6	-73 1 43	WFC	IMAGE	ALL	F502N		1	1500	2263	1	PAR	1
SMC-C1633	1 4 42.6	-73 1 43	WFC	IMAGE	ALL	F785LP		1	7	2263	1	PAR	1
SMC-C1633	1 4 42.6	-73 1 43	WFC	IMAGE	ALL	F702W		1	2	2263	1	PAR	1
SMC-C1633	1 4 42.6	-73 1 43	WFC	IMAGE	ALL	F785LP		1	2	2263	1	PAR	1
IC1613-S8	1 5 2.7	2 8 40	FOS/RD	ACQ/PEAK	1.0-PAIR	MIRROR		1	15	2290	1	ACQ	1
IC1613-S8	1 5 2.7	2 8 40	FOS/RD	ACCUM	1.0-PAIR	G190H	1900	2	1000	2290	1		1
IC1613-S8	1 5 2.7	2 8 40	FOS/BL	ACCUM	1.0-PAIR	G130H	1300	2	1500	2290	1		1
SMC-C1649	1 5 5.2	-73 1 45	WFC	IMAGE	ALL	F702W		1	5	2263	1	PAR	1
SMC-C1649	1 5 5.2	-73 1 45	WFC	IMAGE	ALL	F502N		1	1500	2263	1	PAR	1
SMC-C1649	1 5 5.2	-73 1 45	WFC	IMAGE	ALL	F555W		1	12	2263	1	PAR	1
SMC-C1649	1 5 5.2	-73 1 45	WFC	IMAGE	ALL	F785LP		1	6	2263	1	PAR	1
SMC-C1649	1 5 5.2	-73 1 45	WFC	IMAGE	ALL	F785LP		1	16	2263	1	PAR	1
AV-388	1 5 39.6	-72 29 27	HRS	ACCUM	0.25	G140L	1350	1	609	2233	1		1
AV-388	1 5 39.6	-72 29 27	HRS	ACCUM	0.25	G140L	1625	1	2525	2233	1		1
SMC-C1676	1 5 47.1	-72 25 36	WFC	IMAGE	ALL	F702W		1	10	2263	1	PAR	1
SMC-C1676	1 5 47.1	-72 25 36	WFC	IMAGE	ALL	F502N		1	1500	2263	1	PAR	1
SMC-C1676	1 5 47.1	-72 25 36	WFC	IMAGE	ALL	F555W		1	26	2263	1	PAR	1
SMC-C1676	1 5 47.1	-72 25 36	WFC	IMAGE	ALL	F785LP		1	30	2263	1	PAR	1
SMC-C1676	1 5 47.1	-72 25 36	WFC	IMAGE	ALL	F785LP		1	12	2263	1	PAR	1
0103+189	1 5 55.2	19 12 27	WFC	IMAGE	ALL	F555W		1	100	2350	1		1
0103+189	1 5 55.2	19 12 27	WFC	IMAGE	ALL	F555W		1	500	2350	1		1
0103+189	1 5 55.2	19 12 27	WFC	IMAGE	ALL	F555W		1	2000	2350	1		1
0103+189	1 5 55.2	19 12 27	WFC	IMAGE	ALL	F785LP		1	500	2350	1		1
0103+189	1 5 55.2	19 12 27	WFC	IMAGE	ALL	F785LP		1	2000	2350	1		1
SMC-C1687	1 5 57.3	-72 34 9	WFC	IMAGE	ALL	F555W		1	10	2263	1	PAR	1
SMC-C1687	1 5 57.3	-72 34 9	WFC	IMAGE	ALL	F502N		1	1500	2263	1	PAR	1
SMC-C1687	1 5 57.3	-72 34 9	WFC	IMAGE	ALL	F702W		1	3	2263	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SMC-C1687	1 5 57.3	-72 34 9	WFC	IMAGE	ALL	F785LP		1	4	2263	1	PAR	1
SMC-C1687	1 5 57.3	-72 34 9	WFC	IMAGE	ALL	F785LP		1	10	2263	1	PAR	1
SMC-33Q7	1 6 0.1	-72 27 19	PC	IMAGE	ALL	F502N		1	300	2263	1	SEL PAR	1
SMC-33Q7	1 6 0.1	-72 27 19	PC	IMAGE	ALL	F547M		1	80	2263	1	SEL PAR	1
SMC-33Q7	1 6 0.1	-72 27 19	PC	IMAGE	ALL	F487N		1	180	2263	1	SEL PAR	1
SMC-33Q7	1 6 0.1	-72 27 19	PC	IMAGE	ALL	F656N		1	230	2263	1	SEL PAR	1
SMC-33Q7	1 6 0.1	-72 27 19	PC	IMAGE	ALL	F658N		1	1500	2263	1	SEL PAR	1
SMC-33Q7	1 6 0.1	-72 27 19	WFC	IMAGE	ALL	F547M		1	20	2263	1	SEL PAR	1
SMC-33Q7	1 6 0.1	-72 27 19	WFC	IMAGE	ALL	F658N		1	1000	2263	1	SEL PAR	1
SMC-33Q7	1 6 0.1	-72 27 19	WFC	IMAGE	ALL	F487N		1	140	2263	1	SEL PAR	1
SMC-33Q7	1 6 0.1	-72 27 19	WFC	IMAGE	ALL	F656N		1	140	2263	1	SEL PAR	1
SMC-33Q7	1 6 0.1	-72 27 19	WFC	IMAGE	ALL	F502N		1	230	2263	1	CON SEL PAR	1
SMC-C1692	1 6 6.2	-72 26 34	WFC	IMAGE	ALL	F702W		1	7	2263	1	PAR	1
SMC-C1692	1 6 6.2	-72 26 34	WFC	IMAGE	ALL	F502N		1	1500	2263	1	PAR	1
SMC-C1692	1 6 6.2	-72 26 34	WFC	IMAGE	ALL	F555W		1	16	2263	1	PAR	1
SMC-C1692	1 6 6.2	-72 26 34	WFC	IMAGE	ALL	F785LP		1	7	2263	1	PAR	1
SMC-C1692	1 6 6.2	-72 26 34	WFC	IMAGE	ALL	F785LP		1	20	2263	1	PAR	1
PC0104+0215	1 6 49.6	2 31 1	WFC	IMAGE	ALL	F702W		1	200	2350	1		1
PC0104+0215	1 6 49.6	2 31 1	WFC	IMAGE	ALL	F702W		1	800	2350	1		1
HD6582	1 8 8.1	54 55 14	PC	IMAGE	P8	F8ND		1	0	2623	1	ACQ	2
HD6582	1 8 8.1	54 55 14	FGS	POS	PRIME	F5ND		1	5	2623	1		6
HD6582	1 8 8.1	54 55 14	FGS	POS	PRIME	F5ND		1	5	2623	2		6
HD6582	1 8 8.1	54 55 14	FGS	POS	PRIME	F5ND		1	5	2623	3		6
HD6582	1 8 8.1	54 55 14	PC	IMAGE	ALL-ND	F439W		1	0	2623	1		6
HD6582	1 8 8.1	54 55 14	PC	IMAGE	ALL-ND	F439W		1	0	2623	2		6
HD6582	1 8 8.1	54 55 14	PC	IMAGE	ALL-ND	F439W		1	0	2623	3		6
B20106+38	1 9 25.6	38 16 46	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
B20106+38	1 9 25.6	38 16 46	FOS/RD	ACQ/BINA	4.3	MIRROR		1	8	2424	1	ACQ	1
B20106+38	1 9 25.6	38 16 46	FOS/BL	ACCUM	1.0	G160L	1837	1	378	2424	1		1
B20106+38	1 9 25.6	38 16 46	FOS/RD	ACCUM	1.0	G270H	2753	1	402	2424	1		1
B20106+38	1 9 25.6	38 16 46	FOS/RD	ACCUM	1.0	G190H	1980	1	1176	2424	1		1
UGC-726	1 9 57.6	-1 44 59	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-726	1 9 57.6	-1 44 59	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
HT-CAS	1 10 13.1	60 4 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	10	2446	1	ACQ	3
HT-CAS	1 10 13.1	60 4 36	FOS/RD	ACQ/BINA	4.3	MIRROR		1	10	2446	1	ACQ	2
HT-CAS	1 10 13.1	60 4 36	FOS/BL	RAPID	1.0	PRISM	3650	1	120	2446	1		3
HT-CAS	1 10 13.1	60 4 36	FOS/RD	RAPID	1.0	PRISM	4900	1	1440	2446	1		2
HT-CAS	1 10 13.1	60 4 36	FOS/BL	RAPID	1.0	G160L	1837	1	1320	2446	1		3
0107-3310	1 10 18.9	-32 50 9	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
0107-3310	1 10 18.9	-32 50 9	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
0107-3310	1 10 18.9	-32 50 9	FOS/RD	ACCUM	1.0	G270H	2753	1	552	2424	2		1
0107-3310	1 10 18.9	-32 50 9	FOS/BL	ACCUM	1.0	G130H	1379	1	13092	2424	2		1
0107-3310	1 10 18.9	-32 50 9	FOS/RD	ACCUM	1.0	G190H	1980	1	1566	2424	2		1
0109+224INCA221-3	1 12 5.8	22 44 39	FGS	POS	2	F550W		1	51	2860	1		1
0109+224INCA221-3	1 12 5.8	22 44 39	FGS	POS	2	F583W		1	51	2860	1		2
POINT0109+224INCA221-3	1 12 6.3	22 55 56	S/C	POINTING	V1			1	0	2860	1		1
INCA221-3	1 12 53.7	22 50 18	FGS	POS	2	F5ND		1	51	2860	1		2
HD7252	1 14 3.7	60 52 59	FOS/BL	ACCUM	1.0	G190H		1	1097	2245	1		1
HD7252	1 14 3.7	60 52 59	FOS/BL	ACQ/PEAK	1.0	G570H		1	0	2245	1	ACQ	1
HD7252	1 14 3.7	60 52 59	FOS/BL	ACCUM	1.0	G270H		1	372	2245	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD7252	1 14 3.7	60 52 59	FOS/BL	ACCUM	1.0	G130H	1454	1	2521	2245	1		1
ESO-0112-5539	1 14 22.0	-55 23 52	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0112-5539	1 14 22.0	-55 23 52	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PG0112+104	1 14 37.8	10 41 6	HRS	ACCUM	2.0	G140L	1288	1	900	2593	2		1
PKS0112-017	1 15 17.1	-1 27 5	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS0112-017	1 15 17.1	-1 27 5	FOS/BL	ACCUM	1.0	G160L	1837	1	1140	2424	1		1
PKS0112-017	1 15 17.1	-1 27 5	FOS/RD	ACCUM	1.0	G400H	4000	1	525	2578	1		1
PKS0112-017	1 15 17.1	-1 27 5	FOS/RD	ACCUM	1.0	G270H	2700	1	720	2578	1		1
PKS0112-017	1 15 17.1	-1 27 5	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
AV-488	1 15 58.8	-73 21 24	HRS	ACCUM	0.25	G140L	1350	1	152	2233	1		1
AV-488	1 15 58.8	-73 21 24	HRS	ACCUM	0.25	G140L	1625	1	593	2233	1		1
MKN1	1 16 7.3	33 5 22	PC	IMAGE	ALL	F517N		1	900	2488	1		1
MKN1	1 16 7.3	33 5 22	PC	IMAGE	ALL	F664N		1	900	2488	1		1
MKN1	1 16 7.3	33 5 22	PC	IMAGE	ALL	F502N		1	1200	2488	1		1
MRK1	1 16 7.3	33 5 22	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK1	1 16 7.3	33 5 22	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
FIELD-011847-283514	1 18 47.4	-28 35 16	FOC/48	IMAGE	512X1024	F220W		1	900	2378	1		3
FIELD-011847-283514	1 18 47.4	-28 35 16	FOC/48	IMAGE	512X1024	F342W		1	900	2378	1		3
FIELD-011847-283514	1 18 47.4	-28 35 16	FOC/48	IMAGE	512X1024	F430W		1	900	2378	1		1
FIELD-011847-283514	1 18 47.4	-28 35 16	FOC/48	IMAGE	512X1024	F220W		1	900	2378	2		1
FIELD-011847-283514	1 18 47.4	-28 35 16	FOC/48	IMAGE	512X1024	F342W		1	900	2378	2		1
FIELD-011847-283514	1 18 47.4	-28 35 16	FOC/48	IMAGE	512X1024	F195W		1	420	2378	1		1
PG0117+213	1 20 17.3	21 33 46	FOC/288	IMAGE	512X512	F210M		1	1200	2624	1		1
4U0115+63	1 21 34.2	64 0 5	FOS/BL	ACQ/BINA	4.3	MIRROR		1	33	2004	1	ACQ	1
4U0115+63	1 21 34.2	64 0 5	FOS/BL	ACCUM	1.0	G400H	4040	1	300	2004	1		1
4U0115+63	1 21 34.2	64 0 5	FOS/BL	ACCUM	1.0	G270H	2769	1	650	2004	1		1
4U0115+63	1 21 34.2	64 0 5	FOS/BL	ACCUM	1.0	G160L	1837	1	7568	2004	1		1
4U0115+63	1 21 34.2	64 0 5	FOS/BL	PERIOD	1.0	G400H	4040	1	361	2004	1		1
SMC-SMP28-PCPOS	1 24 13.0	-74 2 28	PC	IMAGE	P8	F547M		1	1000	2266	1		1
SMC-SMP28-PCPOS	1 24 13.0	-74 2 28	PC	IMAGE	P8	F502N		1	400	2266	1	ACQ	1
SMC-SMP28-PCPOS	1 24 13.0	-74 2 28	PC	IMAGE	P8	F487N		1	1200	2266	1		1
SMC-SMP28	1 24 14.0	-74 2 24*	FOS/BL	ACCUM	1.0	G130H	1300	1	1000	2266	2		1
SMC-SMP28	1 24 14.0	-74 2 24*	FOS/RD	ACCUM	1.0	G190H	1900	1	270	2266	2		1
SMC-SMP28-OFFSET	1 24 14.0	-74 2 24	FOS/BL	ACQ/BINA	4.3	MIRROR		1	17	2266	2	ACQ	1
UGC-966	1 24 34.6	3 47 33	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-966	1 24 34.6	3 47 33	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PKS0122-00	1 25 28.8	-0 5 56	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS0122-00	1 25 28.8	-0 5 56	FOS/BL	ACCUM	1.0	G160L	1837	1	408	2424	2		1
MARK359	1 27 30.4	19 10 36*	FOS/BL	ACCUM	0.5	G130H	1380	1	6000	2076	1		1
MARK359	1 27 30.4	19 10 36*	FOS/RD	ACCUM	0.5	G270H	2753	1	900	2076	1		1
MARK359	1 27 30.4	19 10 36*	FOS/BL	ACCUM	0.5	G190H	1954	1	1800	2076	1		1
MARK359	1 27 30.4	19 10 36*	FOS/RD	ACCUM	0.5	G400H	4013	1	1800	2076	1		1
MARK359-OFFSET	1 27 30.4	19 10 36	FOS/RD	ACQ/BINA	4.3	MIRROR		1	5	2076	1	ACQ	1
MARK359-OFFSET	1 27 30.4	19 10 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	15	2076	1	ACQ	1
MARK359-PCPOS	1 27 31.5	19 10 40	PC	IMAGE	ALL	F284W		1	60	2076	1	ACQ	1
MARK359-PCPOS	1 27 31.5	19 10 40	PC	IMAGE	ALL	F284W		1	300	2076	1	ACQ	1
MARK359-PCPOS	1 27 31.5	19 10 40	PC	IMAGE	ALL	F517N		1	30	2076	1	ACQ	1
MARK359-PCPOS	1 27 31.5	19 10 40	PC	IMAGE	ALL	F517N		1	300	2076	1	ACQ	1
MARK359-PCPOS	1 27 31.5	19 10 40	PC	IMAGE	ALL	F588N		1	30	2076	1	ACQ	1
MARK359-PCPOS	1 27 31.5	19 10 40	PC	IMAGE	ALL	F588N		1	600	2076	1	ACQ	1
UM328	1 28 57.2	-1 19 48	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
UM328	1 28 57.2	-1 19 48	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
UM328	1 28 57.2	-1 19 48	FOS/BL	ACCUM	1.0	G160L	1837	1	882	2424	3		1
UM328	1 28 57.2	-1 19 48	FOS/RD	ACCUM	1.0	G190H	1980	1	2130	2424	3		1
UM328	1 28 57.2	-1 19 48	FOS/RD	ACCUM	1.0	G270H	2753	1	606	2424	3		1
NGC596	1 32 52.1	-7 1 55	PC	IMAGE	ALL	F555W		1	30	2600	2		1
NGC596	1 32 52.1	-7 1 55	PC	IMAGE	ALL	F555W		1	300	2600	2		1
NGC596	1 32 52.1	-7 1 55	PC	IMAGE	ALL	F785LP		1	25	2600	2		1
NGC596	1 32 52.1	-7 1 55	PC	IMAGE	ALL	F785LP		1	250	2600	2		1
M33-B38	1 33 0.9	30 35 4	HRS	ACCUM	2.0	G140L	1343	2	600	2581	1		1
M33-B38	1 33 0.9	30 35 4	HRS	ACCUM	2.0	G140L	1623	3	600	2581	1		1
M33-U137	1 33 14.3	30 28 23	PC	IMAGE	ALL	F555W		1	100	2227	1		1
M33-U137	1 33 14.3	30 28 23	PC	IMAGE	ALL	F555W		1	1000	2227	1		1
M33-U137	1 33 14.3	30 28 23	PC	IMAGE	ALL	F785LP		1	100	2227	1		1
M33-U137	1 33 14.3	30 28 23	PC	IMAGE	ALL	F785LP		1	1000	2227	1		1
PKS0130+24	1 33 24.6	24 27 40	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS0130+24	1 33 24.6	24 27 40	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS0130+24	1 33 24.6	24 27 40	FOS/BL	ACCUM	1.0	G160L	1837	1	672	2424	3		1
PKS0130+24	1 33 24.6	24 27 40	FOS/RD	ACCUM	1.0	G190H	1980	1	2160	2424	3		1
PKS0130+24	1 33 24.6	24 27 40	FOS/RD	ACCUM	1.0	G270H	2753	1	768	2424	3		1
M33-U77	1 33 28.7	30 41 35	PC	IMAGE	ALL	F555W		1	100	2227	1		1
M33-U77	1 33 28.7	30 41 35	PC	IMAGE	ALL	F555W		1	1000	2227	1		1
M33-U77	1 33 28.7	30 41 35	PC	IMAGE	ALL	F785LP		1	100	2227	1		1
M33-U77	1 33 28.7	30 41 35	PC	IMAGE	ALL	F785LP		1	1000	2227	1		1
M33-DBB6	1 33 29.2	30 42 17	FOS/RD	ACQ/PEAK	1.0-PAIR	MIRROR		1	15	2290	1	ACQ	1
M33-DBB6	1 33 29.2	30 42 17	FOS/RD	ACCUM	1.0-PAIR	G190H	1900	1	2000	2290	1		1
M33-DBB6	1 33 29.2	30 42 17	FOS/BL	ACCUM	1.0-PAIR	G130H	1300	2	1500	2290	1		1
MRK1157	1 33 31.3	35 40 5	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK1157	1 33 31.3	35 40 5	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
NGC598-FIELD	1 33 32.7	30 37 46	WFC	IMAGE	ALL	F555W		1	1200	2227	1		1
NGC598-FIELD	1 33 32.7	30 37 46	WFC	IMAGE	ALL	F785LP		1	1200	2227	1		1
NGC598-FIELD	1 33 32.7	30 37 46	FOC/48	IMAGE	512X1024	F150W		1	1200	2227	1	PAR	1
NGC598-FIELD	1 33 32.7	30 37 46	FOC/48	IMAGE	512X1024	F430W		1	1200	2227	1	PAR	1
NGC595	1 33 33.9	30 41 33	PC	IMAGE	ALL	F439W		1	10	2441	1		1
NGC595	1 33 33.9	30 41 33	PC	IMAGE	ALL	F439W		1	80	2441	1		1
NGC595	1 33 33.9	30 41 33	PC	IMAGE	ALL	F469N		1	200	2441	1		1
NGC595	1 33 33.9	30 41 33	PC	IMAGE	ALL	F469N		1	1600	2441	1		1
M33-OB12-C	1 33 44.3	30 31 48	HRS	ACCUM	2.0	G140L	1623	2	600	2581	1		1
M33-OB12-C	1 33 44.3	30 31 48	HRS	ACCUM	2.0	G140L	1343	3	600	2581	1		1
M33-U49	1 33 45.0	30 47 47	PC	IMAGE	ALL	F555W		1	100	2227	1		1
M33-U49	1 33 45.0	30 47 47	PC	IMAGE	ALL	F555W		1	1000	2227	1		1
M33-U49	1 33 45.0	30 47 47	PC	IMAGE	ALL	F785LP		1	100	2227	1		1
M33-U49	1 33 45.0	30 47 47	PC	IMAGE	ALL	F785LP		1	1000	2227	1		1
M33-PAR1	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F547M		1	600	2356	1	SEL PAR	1
M33-PAR1	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F656N		1	2000	2356	1	SEL PAR	1
M33-PAR1	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F547M		1	600	2356	1	CON SEL PAR	1
M33-PAR1	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F656N		1	2000	2356	1	CON SEL PAR	1
M33-PAR1	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F673N		1	2400	2356	1	CON SEL PAR	1
M33-PAR1	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F502N		1	2325	2356	1	SEL PAR	1
M33-PAR1	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F673N		1	2325	2356	1	SEL PAR	1
M33-PAR2	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F547M		1	600	2356	1	SEL PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
M33-PAR2	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F656N		1	2000	2356	1	SEL PAR	1
M33-PAR2	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F547M		1	600	2356	1	CON SEL PAR	1
M33-PAR2	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F656N		1	2000	2356	1	CON SEL PAR	1
M33-PAR2	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F673N		1	2400	2356	1	CON SEL PAR	1
M33-PAR2	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F502N		1	2325	2356	1	SEL PAR	1
M33-PAR2	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F673N		1	2325	2356	1	SEL PAR	1
M33-PAR3	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F547M		1	600	2356	1	SEL PAR	1
M33-PAR3	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F656N		1	2000	2356	1	SEL PAR	1
M33-PAR3	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F547M		1	600	2356	1	CON SEL PAR	1
M33-PAR3	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F656N		1	2000	2356	1	CON SEL PAR	1
M33-PAR3	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F673N		1	2400	2356	1	CON SEL PAR	1
M33-PAR3	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F502N		1	2325	2356	1	SEL PAR	1
M33-PAR3	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F673N		1	2325	2356	1	SEL PAR	1
M33-PAR4	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F547M		1	600	2356	1	SEL PAR	1
M33-PAR4	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F656N		1	2000	2356	1	SEL PAR	1
M33-PAR4	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F547M		1	600	2356	1	CON SEL PAR	1
M33-PAR4	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F656N		1	2000	2356	1	CON SEL PAR	1
M33-PAR4	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F673N		1	2400	2356	1	CON SEL PAR	1
M33-PAR4	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F502N		1	2325	2356	1	SEL PAR	1
M33-PAR4	1 33 51.2	30 39 36	WFC	IMAGE	ALL	F673N		1	2325	2356	1	SEL PAR	1
POINT0134+329INCA221-9	1 33 54.4	32 51 52	S/C	POINTING	V1			1	0	2860	1		1
NGC613	1 34 17.8	-29 25 3	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
NGC613	1 34 17.8	-29 25 3	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
UM341	1 34 18.2	0 15 37	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
UM341	1 34 18.2	0 15 37	FOS/RD	ACQ/BINA	4.3	MIRROR		1	8	2424	1	ACQ	1
UM341	1 34 18.2	0 15 37	FOS/RD	ACCUM	1.0	G190H	1980	1	978	2424	1		1
UM341	1 34 18.2	0 15 37	FOS/RD	ACCUM	1.0	G270H	2753	1	354	2424	1		1
UM341	1 34 18.2	0 15 37	FOS/BL	ACCUM	1.0	G130H	1379	1	7512	2424	1		1
UM340	1 34 19.4	1 46 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
UM340	1 34 19.4	1 46 49	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
UM340	1 34 19.4	1 46 49	FOS/RD	ACCUM	1.0	G190H	1980	1	978	2424	2		1
UM340	1 34 19.4	1 46 49	FOS/RD	ACCUM	1.0	G270H	2753	1	354	2424	2		1
UM340	1 34 19.4	1 46 49	FOS/BL	ACCUM	1.0	G130H	1379	1	7626	2424	2		1
M33-M9	1 34 30.2	30 38 13	PC	IMAGE	ALL	F555W		1	100	2227	1		1
M33-M9	1 34 30.2	30 38 13	PC	IMAGE	ALL	F555W		1	1000	2227	1		1
M33-M9	1 34 30.2	30 38 13	PC	IMAGE	ALL	F785LP		1	100	2227	1		1
M33-M9	1 34 30.2	30 38 13	PC	IMAGE	ALL	F785LP		1	1000	2227	1		1
NGC604	1 34 33.0	30 47 0	PC	IMAGE	ALL	F439W		1	10	2441	1		1
NGC604	1 34 33.0	30 47 0	PC	IMAGE	ALL	F439W		1	80	2441	1		1
NGC604	1 34 33.0	30 47 0	PC	IMAGE	ALL	F469N		1	200	2441	1		1
NGC604	1 34 33.0	30 47 0	PC	IMAGE	ALL	F469N		1	1600	2441	1		1
M33-C20	1 34 44.2	30 52 18	PC	IMAGE	ALL	F555W		1	100	2227	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
M33-C20	1 34 44.2	30 52 18	PC	IMAGE	ALL	F555W		1	1000	2227	1		1
M33-C20	1 34 44.2	30 52 18	PC	IMAGE	ALL	F785LP		1	100	2227	1		1
M33-C20	1 34 44.2	30 52 18	PC	IMAGE	ALL	F785LP		1	1000	2227	1		1
NGC625	1 35 4.7	-41 26 12	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
NGC625	1 35 4.7	-41 26 12	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
3C47	1 36 24.5	20 57 26	FOS/RD	ACCUM	1.0	G400H	4000	1	960	2578	2		1
3C47	1 36 24.5	20 57 26	FOS/RD	ACCUM	1.0	G190H	1900	1	4920	2578	2		1
3C47	1 36 24.5	20 57 26	FOS/RD	ACCUM	1.0	G270H	2700	1	1260	2578	2		1
3C47	1 36 24.5	20 57 26	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
UGC-1149	1 36 41.7	15 46 59	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-1149	1 36 41.7	15 46 59	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
3C48.0	1 37 41.3	33 9 35	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C48.0	1 37 41.3	33 9 35	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C48.0	1 37 41.3	33 9 35	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	3		1
3C48.0	1 37 41.3	33 9 35	FOS/RD	ACCUM	1.0	G270H	2753	1	444	2424	3		1
3C48.0	1 37 41.3	33 9 35	FOS/RD	ACCUM	1.0	G190H	1980	1	3408	2424	3		1
0134+329INCA221-9	1 37 41.3	33 9 35	FGS	POS	2	F583W		1	51	2860	1		3
INCA221-9	1 37 41.4	33 1 49	FGS	POS	2	F583W		1	51	2860	1		2
NAB0137-01	1 40 17.0	-0 50 3	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
NAB0137-01	1 40 17.0	-0 50 3	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
NAB0137-01	1 40 17.0	-0 50 3	FOS/BL	ACCUM	1.0	G130H	1379	1	10800	2424	3		1
NAB0137-01	1 40 17.0	-0 50 3	FOS/RD	ACCUM	1.0	G190H	1980	1	1530	2424	3		1
NAB0137-01	1 40 17.0	-0 50 3	FOS/RD	ACCUM	1.0	G270H	2753	1	558	2424	3		1
NAB0137-011	1 40 17.0	-0 50 3	PC	IMAGE	ALL	F664N		3	600	2687	1		1
NAB0137-011	1 40 17.0	-0 50 3	PC	IMAGE	ALL	F718M		3	120	2687	1		1
MRK573	1 43 57.8	2 20 59	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK573	1 43 57.8	2 20 59	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
0142-100	1 45 17.3	-9 45 12	WFC	IMAGE	ALL	F555W		1	100	2350	1		1
0142-100	1 45 17.3	-9 45 12	WFC	IMAGE	ALL	F555W		1	500	2350	1		1
0142-100	1 45 17.3	-9 45 12	WFC	IMAGE	ALL	F555W		1	2000	2350	1		1
0142-100	1 45 17.3	-9 45 12	WFC	IMAGE	ALL	F785LP		1	100	2350	1		1
0142-100	1 45 17.3	-9 45 12	WFC	IMAGE	ALL	F785LP		1	500	2350	1		1
0142-100	1 45 17.3	-9 45 12	WFC	IMAGE	ALL	F785LP		1	2000	2350	1		1
UGC-1256	1 47 53.6	27 25 53	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-1256	1 47 53.6	27 25 53	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PHL1226	1 54 28.0	4 48 18	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PHL1226	1 54 28.0	4 48 18	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PHL1226	1 54 28.0	4 48 18	FOS/BL	ACCUM	1.0	G160L	1837	1	690	2424	1		1
PHL1226	1 54 28.0	4 48 18	FOS/RD	ACCUM	1.0	G190H	1980	1	2304	2424	1		1
PHL1226	1 54 28.0	4 48 18	FOS/RD	ACCUM	1.0	G270H	2753	1	827	2424	1		1
POINT0153+744INCA221 -15	1 54 56.1	74 37 40	S/C	POINTING	V1			1	0	2860	1		1
UM381	1 57 9.7	-1 47 29	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
UM381	1 57 9.7	-1 47 29	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
UM381	1 57 9.7	-1 47 29	FOS/BL	ACCUM	1.0	G160L	1837	1	300	2424	3		1
UM381	1 57 9.7	-1 47 29	FOS/RD	ACCUM	1.0	G190H	1980	1	1362	2424	3		1
0153+744INCA221-15	1 57 35.0	74 42 43	FGS	POS	2	F583W		1	51	2860	1		3
INCA221-15	1 57 42.0	74 37 28	FGS	POS	2	F583W		1	51	2860	1		2
UM153	1 58 44.2	3 49 46	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
UM153	1 58 44.2	3 49 46	FOS/RD	ACQ/BINA	4.3	MIRROR		1	8	2424	1	ACQ	1
UM153	1 58 44.2	3 49 46	FOS/RD	ACCUM	1.0	G270H	2753	1	360	2424	1		1
UM153	1 58 44.2	3 49 46	FOS/RD	ACCUM	1.0	G190H	1980	1	1092	2424	1		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
UM153	1 58 44.2	3 49 46	FOS/BL	ACCUM	1.0	G160L	1837	1	413	2424	1		1
3C57	2 1 57.1	-11 32 34	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
3C57	2 1 57.1	-11 32 34	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
3C57	2 1 57.1	-11 32 34	FOS/BL	ACCUM	1.0	G160L	1837	1	606	2424	2		1
3C57	2 1 57.1	-11 32 34	FOS/RD	ACCUM	1.0	G190H	1980	1	1590	2424	2		1
3C57	2 1 57.1	-11 32 34	FOS/RD	ACCUM	1.0	G270H	2753	1	522	2424	2		1
Q0159+036	2 1 59.7	3 50 42	PC	IMAGE	ALL	F555W		1	200	2350	1		1
Q0159+036	2 1 59.7	3 50 42	PC	IMAGE	ALL	F555W		1	800	2350	1		1
PKS0202-76	2 2 13.1	-76 20 6	WFC	IMAGE	ALL	F785LP		1	500	2425	1		1
PKS0202-76	2 2 13.1	-76 20 6	WFC	IMAGE	ALL	F785LP		1	2400	2425	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P5	F336W		1	4	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P5	F439W		1	1	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P6	F336W		1	4	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P7	F439W		1	1	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P6	F785LP		1	2	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P6	F439W		1	1	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P7	F336W		1	4	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P8	F336W		1	1	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P5	F785LP		1	3	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P7	F785LP		1	3	2579	1		1
WD0205+250	2 8 46.6	25 14 19	PC	IMAGE	P8	F785LP		1	3	2579	1		1
Q0207-003	2 9 50.6	-0 4 57	PC	IMAGE	ALL	F555W		1	200	2350	1		1
Q0207-003	2 9 50.6	-0 4 57	PC	IMAGE	ALL	F555W		1	800	2350	1		1
G74-7	2 11 16.6	39 55 36	FOS/RD	ACCUM	1.0	G190H	1944	1	1200	2593	2		1
0214-033	2 17 28.9	-3 8 2	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
0214-033	2 17 28.9	-3 8 2	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
0214-033	2 17 28.9	-3 8 2	FOS/BL	ACCUM	1.0	G160L	1837	1	588	2424	3		1
0214-033	2 17 28.9	-3 8 2	FOS/RD	ACCUM	1.0	G270H	2753	1	774	2424	3		1
0214-033	2 17 28.9	-3 8 2	FOS/RD	ACCUM	1.0	G190H	1980	1	2106	2424	3		1
PKS0215+015	2 17 48.9	1 44 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS0215+015	2 17 48.9	1 44 49	FOS/BL	ACCUM	1.0	G160L	1837	1	768	2424	3		1
0215+015	2 17 49.0	1 44 50	HRS	ACCUM	2.0	G270M	2630	8	1000	2638	1		1
0215+015	2 17 49.0	1 44 50	HRS	ACCUM	2.0	G270M	2710	8	1000	2638	1		1
0215+015	2 17 49.0	1 44 50	HRS	ACCUM	2.0	G270M	2840	10	1079	2638	1		1
0219+428	2 22 39.6	43 2 8	HRS	ACCUM	2.0	G270M	2858	4	440	2553	1		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-A	1159	1	184	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-B	1807	1	282	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	ACCUM	0.25	ECH-A	1548	1	196	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-A	1122	1	245	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-A	1303	1	233	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-B	1744	1	418	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-B	2370	1	147	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	ACCUM	0.25	ECH-A	1547	1	196	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	ACCUM	0.25	ECH-A	1548	1	196	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	ACCUM	0.25	ECH-B	2323	1	90	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	ACCUM	0.25	ECH-A	1334	1	94	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	ACCUM	0.25	ECH-A	1333	1	94	2251	2		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-B	1827	1	332	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-A	1279	1	184	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	ACCUM	0.25	ECH-A	1251	1	77	2251	2		2
HD014633	2 22 54.3	41 28 48	HRS	ACCUM	0.25	ECH-A	1252	1	77	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	ACCUM	0.25	ECH-B	2324	1	90	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	ACCUM	0.25	ECH-B	2325	1	90	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-A	1192	1	209	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-B	2058	1	233	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-A	1240	1	295	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-A	1357	1	467	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-A	1391	1	541	2251	2		1
HD014633	2 22 54.3	41 28 48	HRS	WSCAN	0.25	ECH-B	2025	1	233	2251	2		1
ESO-0220-2127	2 23 4.9	-21 14 4	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0220-2127	2 23 4.9	-21 14 4	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
3C67.0	2 24 12.3	27 50 11	PC	IMAGE	ALL	F718M		1	600	2488	1		1
3C67.0	2 24 12.3	27 50 11	PC	IMAGE	ALL	F656N		1	1800	2488	1		1
MC0222+113	2 25 41.9	11 34 26	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
MC0222+113	2 25 41.9	11 34 26	FOS/BL	ACCUM	1.0	G160L	1837	1	1230	2424	1		1
NGC925-FIELD	2 27 3.4	33 35 15	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC925-FIELD	2 27 3.4	33 35 15	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC925-FIELD	2 27 3.4	33 35 15	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC925-FIELD	2 27 3.4	33 35 15	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC925-FIELD	2 27 3.4	33 35 15	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC925-FIELD	2 27 3.4	33 35 15	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC925-FIELD	2 27 3.4	33 35 15	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
PKS0229+13	2 31 45.9	13 22 54	FOS/RD	ACCUM	1.0	G400H	4000	1	960	2578	1		1
PKS0229+13	2 31 45.9	13 22 54	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
PKS0231+022	2 33 49.2	2 29 24	PC	IMAGE	ALL	F664N		3	600	2687	1		1
PKS0231+022	2 33 49.2	2 29 24	PC	IMAGE	ALL	F718M		3	120	2687	1		1
FORNAX-1	2 37 2.0	-34 11 3	PC	IMAGE	ALL	F555W		1	70	2497	1		1
FORNAX-1	2 37 2.0	-34 11 3	PC	IMAGE	ALL	F791W		1	90	2497	1		1
FORNAX-1	2 37 2.0	-34 11 3	PC	IMAGE	ALL	F555W		2	1000	2497	1		1
FORNAX-1	2 37 2.0	-34 11 3	PC	IMAGE	ALL	F791W		2	2000	2497	1		1
FORNAX-1	2 37 2.0	-34 11 3	PC	IMAGE	ALL	F439W		1	1100	2497	1		1
A00235+164	2 38 38.9	16 36 59	PC	IMAGE	ALL	F555W		1	200	2350	1		1
A00235+164	2 38 38.9	16 36 59	PC	IMAGE	ALL	F555W		1	800	2350	1		1
FORNAX-2	2 38 44.3	-34 48 33	PC	IMAGE	ALL	F555W		1	70	2497	1		1
FORNAX-2	2 38 44.3	-34 48 33	PC	IMAGE	ALL	F791W		1	90	2497	1		1
FORNAX-2	2 38 44.3	-34 48 33	PC	IMAGE	ALL	F555W		2	1000	2497	1		1
FORNAX-2	2 38 44.3	-34 48 33	PC	IMAGE	ALL	F791W		2	2000	2497	1		1
FORNAX-2	2 38 44.3	-34 48 33	PC	IMAGE	ALL	F439W		1	1100	2497	1		1
INCA221-18	2 39 31.5	-23 5 45	FGS	POS	2	F583W		1	51	2860	1		2
POINT0237-233INCA221-18	2 39 35.6	-23 18 37	S/C	POINTING	V1			1	0	2860	1		1
NGC1049-FORNAX-3	2 39 48.1	-34 15 32	PC	IMAGE	ALL	F555W		1	70	2497	1		1
NGC1049-FORNAX-3	2 39 48.1	-34 15 32	PC	IMAGE	ALL	F791W		1	90	2497	1		1
NGC1049-FORNAX-3	2 39 48.1	-34 15 32	PC	IMAGE	ALL	F555W		2	1000	2497	1		1
NGC1049-FORNAX-3	2 39 48.1	-34 15 32	PC	IMAGE	ALL	F791W		2	2000	2497	1		1
NGC1049-FORNAX-3	2 39 48.1	-34 15 32	PC	IMAGE	ALL	F439W		1	1100	2497	1		1
GAL-CLUS-ABELL370-FLD1	2 39 53.6	-1 34 20	WFC	IMAGE	ALL	F814W		3	2300	2373	2		1
GAL-CLUS-ABELL370-FLD1	2 39 53.6	-1 34 20	WFC	IMAGE	ALL	F555W		4	2300	2373	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
ABELL370	2 39 54.4	-1 34 24	WFC	IMAGE	ALL	F555W		1	13399	2269	1		1
ABELL370	2 39 54.4	-1 34 24	WFC	IMAGE	ALL	F814W		1	6699	2269	1		1
GAL-CLUS-ABELL370-FLD2	2 40 3.7	-1 32 36	WFC	IMAGE	ALL	F814W		1	2000	2373	1		1
GAL-CLUS-ABELL370-FLD2	2 40 3.7	-1 32 36	WFC	IMAGE	ALL	F814W		2	2300	2373	1		1
GAL-CLUS-ABELL370-FLD2	2 40 3.7	-1 32 36	WFC	IMAGE	ALL	F555W		4	2300	2373	1		1
FORNAX-4	2 40 7.7	-34 32 13	PC	IMAGE	ALL	F439W		1	1100	2497	1		1
0237-233INCA221-18	2 40 8.1	-23 9 18	FGS	POS	2	F583W		1	51	2860	1		3
NGC1023	2 40 23.7	39 3 46	PC	IMAGE	ALL	F555W		1	16	2600	2		1
NGC1023	2 40 23.7	39 3 46	PC	IMAGE	ALL	F555W		1	160	2600	2		1
NGC1023	2 40 23.7	39 3 46	PC	IMAGE	ALL	F785LP		1	600	2600	2		1
NGC1023	2 40 23.7	39 3 46	PC	IMAGE	ALL	F785LP		1	12	2600	2		1
NGC1023	2 40 23.7	39 3 46	PC	IMAGE	ALL	F785LP		1	120	2600	2		1
UGC-2173	2 41 44.7	0 26 37	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-2173	2 41 44.7	0 26 37	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
FORNAX-5	2 42 21.2	-34 6 8	PC	IMAGE	ALL	F555W		1	70	2497	1		1
FORNAX-5	2 42 21.2	-34 6 8	PC	IMAGE	ALL	F791W		1	90	2497	1		1
FORNAX-5	2 42 21.2	-34 6 8	PC	IMAGE	ALL	F555W		2	1000	2497	1		1
FORNAX-5	2 42 21.2	-34 6 8	PC	IMAGE	ALL	F791W		2	2000	2497	1		1
FORNAX-5	2 42 21.2	-34 6 8	PC	IMAGE	ALL	F439W		1	1100	2497	1		1
NGC1068	2 42 40.7	-0 0 48	FOS/BL	ACCUM	0.5	G130H	1240	1	8579	2077	1		1
NGC1068	2 42 40.7	-0 0 48	FOS/RD	ACCUM	0.5	G190H	1900	1	4289	2077	1		1
NGC1068	2 42 40.7	-0 0 48	FOS/RD	ACCUM	0.5	G270H	2700	1	2145	2077	1		1
SN1961V	2 43 36.4	37 20 43	WFC	IMAGE	W1	F439W		1	3600	2590	1		1
SN1961V	2 43 36.4	37 20 43	WFC	IMAGE	W1	F555W		1	1800	2590	1		1
SN1961V	2 43 36.4	37 20 43	WFC	IMAGE	W1	F658N		1	2280	2590	1		1
SN1961V	2 43 36.4	37 20 43	WFC	IMAGE	W1	F702W		1	1800	2590	1		1
SN1961V	2 43 36.4	37 20 43	WFC	IMAGE	W1	F785LP		1	2400	2590	1		1
ESO-0241-2912	2 43 44.3	-29 0 10	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0241-2912	2 43 44.3	-29 0 10	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
HD16901	2 44 5.2	44 17 49	FOC/288	IMAGE	512X1024	F175W F1ND PRISM2		1	72	2680	1		1
US3150	2 46 51.8	-0 59 32	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
US3150	2 46 51.8	-0 59 32	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
US3150	2 46 51.8	-0 59 32	FOS/BL	ACCUM	1.0	G160L	1837	1	678	2424	3		1
US3150	2 46 51.8	-0 59 32	FOS/RD	ACCUM	1.0	G270H	2753	1	792	2424	3		1
US3150	2 46 51.8	-0 59 32	FOS/RD	ACCUM	1.0	G190H	1980	1	2232	2424	3		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	G160M	1540	1	204	2257	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	G160M	1860	1	216	2257	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	G160M	1245	1	108	2257	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	ECH-B	1855	2	258	2257	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	ECH-A	1549	1	426	2257	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	ECH-B	2603	1	258	2257	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	G160M	1342	1	84	2257	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	G160M	1387	1	192	2257	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	ECH-A	1236	2	186	2257	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	ECH-A	1392	1	365	2257	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	ECH-B	1808	1	86	2348	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	ECH-A	1251	1	72	2348	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	ECH-A	1303	1	72	2348	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	ECH-A	1609	1	158	2348	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	ECH-A	1672	1	230	2348	1		1
HD18100	2 53 40.8	-26 9 20	HRS	ACCUM	2.0	ECH-B	1858	1	100	2348	1		1
NGC1140	2 54 33.6	-10 1 44	PC	IMAGE	P5	F336W		1	500	2389	1		1
NGC1140	2 54 33.6	-10 1 44	PC	IMAGE	P5	F336W		1	2000	2389	1		1
NGC1140	2 54 33.6	-10 1 44	PC	IMAGE	P5	F547M		1	70	2389	1		1
NGC1140	2 54 33.6	-10 1 44	PC	IMAGE	P5	F439W		1	120	2389	1		1
NGC1140	2 54 33.6	-10 1 44	PC	IMAGE	P5	F439W		1	480	2389	1		1
NGC1140	2 54 33.6	-10 1 44	PC	IMAGE	P5	F547M		1	280	2389	1		1
NGC1140	2 54 33.6	-10 1 44	PC	IMAGE	P5	F814W		1	26	2389	1		1
NGC1140	2 54 33.6	-10 1 44	PC	IMAGE	P5	F814W		1	104	2389	1		1
Q0254-334	2 56 47.8	-33 15 26	FOC/288	IMAGE	512X512	F220W F2ND		1	1200	2624	1		1
ESO-0255-5446	2 56 51.6	-54 34 17	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0255-5446	2 56 51.6	-54 34 17	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
US3472	2 59 37.4	0 37 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
US3472	2 59 37.4	0 37 36	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
US3472	2 59 37.4	0 37 36	FOS/BL	ACCUM	1.0	G160L	1837	1	612	2424	1		1
US3472	2 59 37.4	0 37 36	FOS/RD	ACCUM	1.0	G270H	2753	1	672	2424	1		1
US3472	2 59 37.4	0 37 36	FOS/RD	ACCUM	1.0	G190H	1980	1	1926	2424	1		1
MRK1066	2 59 58.6	36 49 14	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK1066	2 59 58.6	36 49 14	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
NGC1172	3 1 36.1	-14 50 13	PC	IMAGE	ALL	F555W		1	35	2600	2		1
NGC1172	3 1 36.1	-14 50 13	PC	IMAGE	ALL	F555W		1	350	2600	2		1
NGC1172	3 1 36.1	-14 50 13	PC	IMAGE	ALL	F785LP		1	26	2600	2		1
NGC1172	3 1 36.1	-14 50 13	PC	IMAGE	ALL	F785LP		1	260	2600	2		1
NGC1167	3 1 42.4	35 12 19	PC	IMAGE	ALL	F569W		1	600	2488	1		1
NGC1167	3 1 42.4	35 12 19	PC	IMAGE	ALL	F664N		1	900	2488	1		1
ESO-0300-1905	3 2 38.8	-18 53 54	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0300-1905	3 2 38.8	-18 53 54	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
GD-40	3 2 53.1	-1 8 34	FOS/BL	ACCUM	1.0	G130H	1380	1	855	2593	1		1
GD-40	3 2 53.1	-1 8 34	FOS/BL	ACCUM	1.0	G270H	2700	1	240	2593	1		1
GD-40	3 2 53.1	-1 8 34	FOS/BL	ACCUM	1.0	G190H	1944	1	276	2593	1		1
GD-40	3 2 53.1	-1 8 34	FOS/BL	ACQ/BINA	4.3	MIRROR		1	6	2593	1	ACQ	1
0300+162	3 3 15.0	16 26 19	PC	IMAGE	ALL	F555W		1	200	2350	1		1
0300+162	3 3 15.0	16 26 19	PC	IMAGE	ALL	F555W		1	800	2350	1		1
GAL-CLUS-030330+1706 -FLD1	3 6 15.7	17 18 40	WFC	IMAGE	ALL	F814W		4	2300	2373	2		1
GAL-CLUS-030330+1706 -FLD1	3 6 15.7	17 18 40	WFC	IMAGE	ALL	F555W		5	2300	2373	2		1
PC0307+0222	3 9 51.3	2 33 22	WFC	IMAGE	ALL	F702W		1	200	2350	1		1
PC0307+0222	3 9 51.3	2 33 22	WFC	IMAGE	ALL	F702W		1	800	2350	1		1
EF-ERI	3 14 13.0	-22 35 41	HSP/VIS	PRISM	1.0	F551W/F240W		1	1741	2660	1		1
MRK1073	3 15 1.4	42 2 9	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK1073	3 15 1.4	42 2 9	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
ESO-0315-4117	3 17 17.9	-41 6 24	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0315-4117	3 17 17.9	-41 6 24	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
STAR-0314+4839	3 17 36.8	48 50 10	HRS	ACCUM	0.25	G140L	1430	1	1500	2485	2		1
ESO-0317-6640	3 18 15.5	-66 30 13	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0317-6640	3 18 15.5	-66 30 13	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
3C84	3 19 48.2	41 30 42	FGS	TRANS	1	F550W		1	586	2443	1		1
3C84	3 19 48.2	41 30 42	FGS	TRANS	1	F583W		1	586	2443	1		1
3C84	3 19 48.2	41 30 42	FGS	TRANS	1	F650W		1	586	2443	1		1
0318-196	3 20 21.2	-19 26 32	FOS/RD	ACCUM	1.0	G190H	1980	1	354	2424	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
0318-196	3 20 21.2	-19 26 32	FOS/RD	ACQ/BINA	4.3	MIRROR		1	3	2424	1	ACQ	1
NGC1316	3 22 41.7	-37 12 30	FOC/96	IMAGE	512X512	F1ND F342W		1	240	2295	1		1
NGC1316	3 22 41.7	-37 12 30	FOC/96	IMAGE	512X512	F175W		1	2039	2295	1		1
NGC1316	3 22 41.7	-37 12 30	FOC/96	IMAGE	512X512	F1ND F2ND F480LP		1	460	2295	1		1
NGC1316	3 22 41.8	-37 12 29	PC	IMAGE	ALL	F439W		1	1000	2476	1		1
NGC1316	3 22 41.8	-37 12 29	PC	IMAGE	ALL	F569W		1	200	2476	1		1
NGC1316	3 22 41.8	-37 12 29	PC	IMAGE	ALL	F675W		1	100	2476	1		1
NGC1316	3 22 41.8	-37 12 29	PC	IMAGE	ALL	F664N		1	1080	2476	1		2
NGC1316	3 22 41.8	-37 12 29	WFC	IMAGE	ALL	F439W		1	2000	2476	1		1
NGC1316	3 22 41.8	-37 12 29	WFC	IMAGE	ALL	F569W		1	1000	2476	1		1
NGC1316	3 22 41.8	-37 12 29	WFC	IMAGE	ALL	F675W		1	1000	2476	1		1
NGC1316	3 22 41.8	-37 12 29	WFC	IMAGE	ALL	F664N		1	3299	2476	1		2
NGC1316	3 22 41.8	-37 12 29	FOC/48	SPEC	512X1024-SLIT	G450M	4500	1	18000	2476	1		1
NGC1316-HALO	3 22 41.8	-37 12 29	WFC	IMAGE	ALL	F569W		1	21600	2476	1	PAR	1
G5-32-CALIB	3 23 22.4	11 41 13	PC	IMAGE	ALL	F547M		1	0	2265	1	CAL	1
G5-32-CALIB	3 23 22.4	11 41 13	PC	IMAGE	ALL	F547M		1	5	2265	1	CAL	1
G5-32-CALIB	3 23 22.4	11 41 13	PC	IMAGE	ALL	F875M		1	0	2265	1	CAL	1
G5-32-CALIB	3 23 22.4	11 41 13	PC	IMAGE	ALL	F875M		1	180	2265	1	CAL	1
G5-32-CALIB	3 23 22.4	11 41 13	PC	IMAGE	ALL	F875M		1	1	2265	1	CAL	1
STAR-0322+4903	3 26 19.3	49 13 34	HRS	ACCUM	0.25	G140L	1430	1	1500	2485	2		1
STAR-0322+4915	3 26 22.1	49 25 38	HRS	ACCUM	0.25	G140L	1533	1	1500	2485	2		1
STAR-0322+4915	3 26 22.1	49 25 38	HRS	ACCUM	0.25	G140L	1303	1	2625	2485	2		1
STAR-0323+4944	3 26 43.7	49 54 35	HRS	ACCUM	0.25	G140L	1533	1	1500	2485	2		1
STAR-0323+4944	3 26 43.7	49 54 35	HRS	ACCUM	0.25	G140L	1303	1	2625	2485	2		1
MRK612	3 30 40.9	-3 8 16	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK612	3 30 40.9	-3 8 16	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
STAR-0327+4743	3 30 47.5	47 53 23	HRS	ACCUM	0.25	G140L	1430	1	1500	2485	2		1
ESO-0329-3347	3 31 7.9	-33 37 42	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0329-3347	3 31 7.9	-33 37 42	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
G5-43-CALIB	3 31 46.4	14 19 29	PC	IMAGE	ALL	F547M		1	0	2265	1	CAL	1
G5-43-CALIB	3 31 46.4	14 19 29	PC	IMAGE	ALL	F547M		1	5	2265	1	CAL	1
G5-43-CALIB	3 31 46.4	14 19 29	PC	IMAGE	ALL	F875M		1	230	2265	1	CAL	1
G5-43-CALIB	3 31 46.4	14 19 29	PC	IMAGE	ALL	F875M		1	0	2265	1	CAL	1
G5-43-CALIB	3 31 46.4	14 19 29	PC	IMAGE	ALL	F875M		1	2	2265	1	CAL	1
NGC1365-FIELD	3 33 35.6	-36 8 23	WFC	IMAGE	ALL	F555W		1	1200	2227	1		1
NGC1365-FIELD	3 33 35.6	-36 8 23	WFC	IMAGE	ALL	F785LP		1	1200	2227	1		1
NGC1365-FIELD	3 33 35.6	-36 8 23	FOC/48	IMAGE	512X1024	F150W		1	1200	2227	1	PAR	1
NGC1365-FIELD	3 33 35.6	-36 8 23	FOC/48	IMAGE	512X1024	F430W		1	1200	2227	1	PAR	1
ESO-0332-2506	3 35 1.0	-24 56 1	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0332-2506	3 35 1.0	-24 56 1	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
EX033319-2554.2	3 35 28.6	-25 44 22	FOS/BL	RAPID	1.0	G160L		1	1560	2686	1		2
EX033319-2554.2	3 35 28.6	-25 44 22	FOS/BL	ACQ/BINA	4.3	MIRROR		1	30	2686	1	ACQ	1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	ECH-B	1808	1	86	2348	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	ECH-A	1251	1	72	2348	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	ECH-A	1303	1	72	2348	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	ECH-A	1609	1	158	2348	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	ECH-A	1672	1	230	2348	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	ECH-B	1858	1	100	2348	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	G160M	1540	1	348	2257	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	G160M	1245	1	192	2257	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	ECH-B	1855	2	372	2257	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	G160M	1387	1	300	2257	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	ECH-B	2603	1	258	2257	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	G160M	1342	1	144	2257	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	ECH-A	1236	2	330	2257	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	ECH-A	1392	2	294	2257	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	ECH-A	1549	2	360	2257	1		1
HD22586	3 35 38.0	-52 33 24	HRS	ACCUM	2.0	G160M	1860	1	311	2257	1		1
NRA0140	3 36 30.1	32 18 29	FOS/RD	ACCUM	1.0	G400H	4000	1	780	2578	2		1
NRA0140	3 36 30.1	32 18 29	FOS/RD	ACCUM	1.0	G270H	2700	1	1440	2578	2		1
NRA0140	3 36 30.1	32 18 29	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
ESO-0336-2629	3 38 52.0	-26 20 13	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0336-2629	3 38 52.0	-26 20 13	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
ESO-0340-4722	3 42 1.1	-47 13 20	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0340-4722	3 42 1.1	-47 13 20	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC1425-FIELD	3 42 11.5	-29 53 40	WFC	IMAGE	ALL	F555W		1	1200	2227	1		1
NGC1425-FIELD	3 42 11.5	-29 53 40	WFC	IMAGE	ALL	F785LP		1	1200	2227	1		1
NGC1425-FIELD	3 42 11.5	-29 53 40	FOC/48	IMAGE	512X1024	F150W		1	1200	2227	1	PAR	1
NGC1425-FIELD	3 42 11.5	-29 53 40	FOC/48	IMAGE	512X1024	F430W		1	1200	2227	1	PAR	1
STAR-0338+2428	3 44 20.0	24 47 51	HRS	ACCUM	0.25	G140L	1303	1	4200	2485	2		1
STAR-0338+2428	3 44 20.0	24 47 51	HRS	ACCUM	0.25	G140L	1533	1	2400	2485	2		1
ESO-0344-3505	3 46 19.7	-34 56 41	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0344-3505	3 46 19.7	-34 56 41	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
STAR-0340+2415	3 46 22.6	24 34 17	HRS	ACCUM	0.25	G140L	1430	1	2400	2485	2		1
STAR-0340+2449	3 46 27.2	25 8 13	HRS	ACCUM	0.25	G140L	1430	1	2400	2485	2		1
STAR-0340+2316	3 46 53.7	23 35 5	HRS	ACCUM	0.25	G140L	1430	1	2400	2485	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-A	1122	1	60	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	ACCUM	0.25	ECH-A	1548	1	48	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-A	1159	1	45	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-A	1303	1	57	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-B	1744	1	102	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-B	1807	1	69	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-B	2370	1	36	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	ACCUM	0.25	ECH-A	1547	1	48	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	ACCUM	0.25	ECH-A	1548	1	48	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	ACCUM	0.25	ECH-B	2323	1	22	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	ACCUM	0.25	ECH-A	1251	1	19	2251	2		2
HD023630	3 47 29.1	24 6 18	HRS	ACCUM	0.25	ECH-A	1252	1	19	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	ACCUM	0.25	ECH-A	1334	1	23	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	ACCUM	0.25	ECH-A	1333	1	23	2251	2		2
HD023630	3 47 29.1	24 6 18	HRS	ACCUM	0.25	ECH-B	2324	1	22	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	ACCUM	0.25	ECH-B	2325	1	22	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-A	1192	1	51	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-B	1827	1	81	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-B	2058	1	57	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-A	1240	1	72	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-A	1279	1	45	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-A	1357	1	114	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-A	1391	1	132	2251	2		1
HD023630	3 47 29.1	24 6 18	HRS	WSCAN	0.25	ECH-B	2025	1	57	2251	2		1
STAR-0341+2403	3 47 40.3	24 21 57	HRS	ACCUM	0.25	G140L	1303	1	4200	2485	2		1
STAR-0341+2403	3 47 40.3	24 21 57	HRS	ACCUM	0.25	G140L	1533	1	2400	2485	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-A	1159	1	94	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-B	1744	1	214	2251	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD023850	3 49 9.7	24 3 12	HRS	ACCUM	0.25	ECH-A	1548	1	100	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-A	1122	1	125	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-A	1303	1	119	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-B	1807	1	144	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-B	2370	1	75	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	ACCUM	0.25	ECH-A	1547	1	100	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	ACCUM	0.25	ECH-A	1548	1	100	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	ACCUM	0.25	ECH-B	2323	1	46	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-A	1192	1	107	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-B	1827	1	170	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-A	1279	1	94	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	ACCUM	0.25	ECH-A	1251	1	39	2251	2		2
HD023850	3 49 9.7	24 3 12	HRS	ACCUM	0.25	ECH-A	1252	1	39	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	ACCUM	0.25	ECH-A	1334	1	48	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	ACCUM	0.25	ECH-A	1333	1	48	2251	2		2
HD023850	3 49 9.7	24 3 12	HRS	ACCUM	0.25	ECH-B	2324	1	46	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	ACCUM	0.25	ECH-B	2325	1	46	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-B	2058	1	119	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-A	1240	1	151	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-A	1357	1	239	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-A	1391	1	277	2251	2		1
HD023850	3 49 9.7	24 3 12	HRS	WSCAN	0.25	ECH-B	2025	1	119	2251	2		1
BD+16D516	3 50 24.9	17 14 47	HRS	ACCUM	2.0	G140L	1530	8	69	2593	1		1
BD+16D516	3 50 24.9	17 14 47	HRS	ACCUM	2.0	G140L	1281	8	69	2593	1		1
3C95	3 51 28.6	-14 29 10	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
3C95	3 51 28.6	-14 29 10	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
3C95	3 51 28.6	-14 29 10	FOS/BL	ACCUM	1.0	G160L	1837	1	480	2424	2		1
3C95	3 51 28.6	-14 29 10	FOS/RD	ACCUM	1.0	G190H	1980	1	1380	2424	2		1
3C95	3 51 28.6	-14 29 10	FOS/RD	ACCUM	1.0	G270H	2753	1	468	2424	2		1
PKS349-27	3 51 35.9	-27 44 34	PC	IMAGE	ALL	F675W		1	3500	2456	1		1
PKS349-27	3 51 35.9	-27 44 34	PC	IMAGE	ALL	F785LP		1	3400	2456	1		1
PKS0355-483	3 57 22.0	-48 12 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS0355-483	3 57 22.0	-48 12 16	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS0355-483	3 57 22.0	-48 12 16	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	3		1
PKS0355-483	3 57 22.0	-48 12 16	FOS/RD	ACCUM	1.0	G270H	2753	1	522	2424	3		1
PKS0355-483	3 57 22.0	-48 12 16	FOS/RD	ACCUM	1.0	G190H	1980	1	2154	2424	3		1
DW0400+25	4 3 5.6	26 0 1	FOS/RD	ACCUM	1.0	G400H	4000	1	1320	2578	2		1
DW0400+25	4 3 5.6	26 0 1	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
ESO-0402-4329	4 3 54.3	-43 20 57	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0402-4329	4 3 54.3	-43 20 57	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
ESO-0402-5414	4 4 2.9	-54 5 55	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0402-5414	4 4 2.9	-54 5 55	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
040234+21	4 5 31.6	21 50 38	PC	IMAGE	ALL	F875M		1	20	2265	2		1
PKS0403-13	4 5 34.0	-13 8 14	FOS/RD	ACCUM	1.0	G400H	4000	1	420	2578	1		1
PKS0403-13	4 5 34.0	-13 8 14	FOS/RD	ACCUM	1.0	G270H	2700	1	500	2578	1		1
PKS0403-13	4 5 34.0	-13 8 14	FOS/RD	ACCUM	1.0	G190H	1900	1	960	2578	1		1
PKS0403-13	4 5 34.0	-13 8 14	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
HD25825	4 6 15.3	15 41 53	HRS	ACCUM	0.25	G140L	1430	1	1500	2485	1		1
PKS0405-12	4 7 48.4	-12 11 36	FOS/BL	ACCUM	1.0	G160L	1837	1	300	2424	1		1
PKS0405-12	4 7 48.4	-12 11 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	4	2424	1	ACQ	1
0405-123INCA221-27	4 7 48.4	-12 11 37	FGS	POS	2	F550W		1	51	2860	1		3
INCA221-27	4 7 53.0	-12 9 38	FGS	POS	2	F550W		1	51	2860	1		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
POINT0405-123INCA221-27	4 8 18.4	-12 20 47	S/C	POINTING	V1			1	0	2860	1		1
VB13	4 10 42.4	18 25 24	HRS	ACCUM	0.25	G270M	2498	1	900	2634	1		1
VB13	4 10 42.4	18 25 24	HRS	ACCUM	0.25	G270M	2498	1	379	2634	1		1
LK-CA-1	4 13 14.7	28 18 25	PC	IMAGE	ALL	F875M		1	7	2265	2		1
HD283447	4 14 13.4	28 11 26	PC	IMAGE	ALL	F875M		1	1	2265	2		1
FMTAU	4 14 14.1	28 12 3	PC	IMAGE	ALL	F875M		1	23	2265	2		1
FNTAU	4 14 15.1	28 27 12	PC	IMAGE	ALL	F875M		1	40	2265	2		1
CWTAU	4 14 17.5	28 10 12	PC	IMAGE	ALL	F631N		1	100	2265	1		1
CWTAU	4 14 17.5	28 10 12	PC	IMAGE	ALL	F875M		1	0	2265	1		1
CWTAU	4 14 17.5	28 10 12	PC	IMAGE	ALL	F875M		1	4	2265	1		1
CWTAU	4 14 17.5	28 10 12	PC	IMAGE	ALL	F875M		1	100	2265	1		1
CWTAU	4 14 17.5	28 10 12	PC	IMAGE	ALL	F622W		1	1	2265	1		1
CWTAU	4 14 17.5	28 10 12	PC	IMAGE	ALL	F631N		1	16	2265	1		1
HD26767	4 14 26.9	12 26 8	HRS	ACCUM	0.25	G140L	1430	1	1500	2485	1		1
0411+054	4 14 37.8	5 34 42	WFC	IMAGE	ALL	F555W		1	500	2350	1		1
0411+054	4 14 37.8	5 34 42	WFC	IMAGE	ALL	F555W		1	2000	2350	1		1
0411+054	4 14 37.8	5 34 42	WFC	IMAGE	ALL	F785LP		1	500	2350	1		1
0411+054	4 14 37.8	5 34 42	WFC	IMAGE	ALL	F785LP		1	2000	2350	1		1
FPTAU	4 14 48.1	26 45 55	PC	IMAGE	ALL	F875M		1	9	2265	1		1
FPTAU	4 14 48.1	26 45 55	PC	IMAGE	ALL	F875M		1	400	2265	1		1
FPTAU	4 14 48.1	26 45 55	PC	IMAGE	ALL	F547M		1	3	2265	1		1
FPTAU	4 14 48.1	26 45 55	PC	IMAGE	ALL	F547M		1	23	2265	1		1
FPTAU	4 14 48.1	26 45 55	PC	IMAGE	ALL	F875M		1	1	2265	1		1
LK-CA-3	4 14 48.5	27 51 49	PC	IMAGE	ALL	F547M		1	5	2265	1		1
LK-CA-3	4 14 48.5	27 51 49	PC	IMAGE	ALL	F875M		1	0	2265	1		1
LK-CA-3	4 14 48.5	27 51 49	PC	IMAGE	ALL	F875M		1	2	2265	1		1
LK-CA-3	4 14 48.5	27 51 49	PC	IMAGE	ALL	F875M		1	200	2265	1		1
LK-CA-3	4 14 48.5	27 51 49	PC	IMAGE	ALL	F547M		1	0	2265	1		1
CXTAU	4 14 48.7	26 47 39	PC	IMAGE	ALL	F875M		1	8	2265	2		1
40-ERI-B	4 15 22.0	-7 39 34	HRS	ACCUM	2.0	G140L	1288	1	600	2593	1		1
40-ERI-B	4 15 22.0	-7 39 34	HRS	ACCUM	2.0	G140L	1530	1	125	2593	1		1
40-ERI-B	4 15 22.0	-7 39 34	HRS	ACCUM	2.0	G140L	1771	1	77	2593	1		1
ESO-0415-5554	4 16 10.6	-55 46 48	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0415-5554	4 16 10.6	-55 46 48	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
LK-CA-4	4 16 28.6	28 6 49	PC	IMAGE	ALL	F547M		1	1	2265	1		1
LK-CA-4	4 16 28.6	28 6 49	PC	IMAGE	ALL	F547M		1	7	2265	1		1
LK-CA-4	4 16 28.6	28 6 49	PC	IMAGE	ALL	F875M		1	0	2265	1		1
LK-CA-4	4 16 28.6	28 6 49	PC	IMAGE	ALL	F875M		1	4	2265	1		1
LK-CA-4	4 16 28.6	28 6 49	PC	IMAGE	ALL	F875M		1	400	2265	1		1
3C110	4 17 16.7	-5 53 45	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
3C110	4 17 16.7	-5 53 45	FOS/BL	ACCUM	1.0	G160L	1837	1	456	2424	2		1
CYTAU	4 17 34.4	28 20 1	PC	IMAGE	ALL	F547M		1	2	2265	1		1
CYTAU	4 17 34.4	28 20 1	PC	IMAGE	ALL	F875M		1	7	2265	1		1
CYTAU	4 17 34.4	28 20 1	PC	IMAGE	ALL	F875M		1	400	2265	1		1
CYTAU	4 17 34.4	28 20 1	PC	IMAGE	ALL	F547M		1	14	2265	1		1
CYTAU	4 17 34.4	28 20 1	PC	IMAGE	ALL	F875M		1	1	2265	1		1
LK-CA-5	4 17 39.6	28 32 14	PC	IMAGE	ALL	F875M		1	8	2265	2		1
3C111EAST	4 18 30.4	38 2 31	PC	IMAGE	P6	F606W		1	2500	2301	1		3
3C111EAST	4 18 30.4	38 2 31	PC	IMAGE	P6	F814W		1	1300	2301	1		3
V410TAU	4 18 31.7	28 26 30	PC	IMAGE	ALL	F547M		1	0	2265	1		1
V410TAU	4 18 31.7	28 26 30	PC	IMAGE	ALL	F547M		1	1	2265	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
V410TAU	4 18 31.7	28 26 30	PC	IMAGE	ALL	F875M		1	0	2265	1		2
V410TAU	4 18 31.7	28 26 30	PC	IMAGE	ALL	F875M		1	1	2265	1		1
V410TAU	4 18 31.7	28 26 30	PC	IMAGE	ALL	F875M		1	160	2265	1		1
DDTAU	4 18 31.7	28 15 43	PC	IMAGE	ALL	F875M		1	10	2265	2		1
CZTAU	4 18 32.2	28 16 13	PC	IMAGE	ALL	F875M		1	23	2265	2		1
V892TAU	4 18 41.2	28 18 29	PC	IMAGE	ALL	F875M		1	40	2265	2		1
BP-TAU	4 19 15.9	29 6 27	PC	IMAGE	P8	F439W		1	0	2799	1		1
BP-TAU	4 19 15.9	29 6 27	PC	IMAGE	P8	F791W		1	0	2799	1		3
BPTAU	4 19 16.4	29 5 41	PC	IMAGE	ALL	F547M		1	4	2265	1		1
BPTAU	4 19 16.4	29 5 41	PC	IMAGE	ALL	F875M		1	0	2265	1		1
BPTAU	4 19 16.4	29 5 41	PC	IMAGE	ALL	F875M		1	4	2265	1		1
BPTAU	4 19 16.4	29 5 41	PC	IMAGE	ALL	F875M		1	350	2265	1		1
BPTAU	4 19 16.4	29 5 41	PC	IMAGE	ALL	F547M		1	0	2265	1		1
V819TAU	4 19 27.1	28 25 42	PC	IMAGE	ALL	F875M		1	8	2265	2		1
041636+27	4 19 41.9	27 49 2	PC	IMAGE	ALL	F547M		1	1	2265	1		1
041636+27	4 19 41.9	27 49 2	PC	IMAGE	ALL	F547M		1	7	2265	1		1
041636+27	4 19 41.9	27 49 2	PC	IMAGE	ALL	F875M		1	0	2265	1		1
041636+27	4 19 41.9	27 49 2	PC	IMAGE	ALL	F875M		1	4	2265	1		1
041636+27	4 19 41.9	27 49 2	PC	IMAGE	ALL	F875M		1	400	2265	1		1
DETAU	4 21 56.2	27 54 20	PC	IMAGE	ALL	F875M		1	5	2265	2		1
RYTAU	4 21 58.0	28 25 49	PC	IMAGE	ALL	F875M		1	1	2265	2		1
HD283572	4 21 59.4	28 17 20	PC	IMAGE	ALL	F875M		1	0	2265	2		1
PKS0420-01	4 23 15.8	-1 20 32	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS0420-01	4 23 15.8	-1 20 32	FOS/BL	ACCUM	1.0	G160L	1837	1	1104	2424	2		1
HD27835	4 24 12.5	16 22 45	HRS	ACCUM	0.25	G140L	1430	1	1500	2485	1		1
ERIDANUS	4 24 45.6	-21 11 30	PC	IMAGE	ALL	F555W		1	40	2419	1		1
ERIDANUS	4 24 45.6	-21 11 30	PC	IMAGE	ALL	F791W		1	100	2419	1		1
ERIDANUS	4 24 45.6	-21 11 30	PC	IMAGE	ALL	F791W		1	2000	2419	1		4
ERIDANUS	4 24 45.6	-21 11 30	PC	IMAGE	ALL	F555W		1	1400	2419	1		2
LK-CA-8	4 24 57.8	27 11 25	PC	IMAGE	ALL	F547M		1	10	2265	1		1
LK-CA-8	4 24 57.8	27 11 25	PC	IMAGE	ALL	F875M		1	1	2265	1		1
LK-CA-8	4 24 57.8	27 11 25	PC	IMAGE	ALL	F875M		1	7	2265	1		1
LK-CA-8	4 24 57.8	27 11 25	PC	IMAGE	ALL	F875M		1	400	2265	1		1
LK-CA-8	4 24 57.8	27 11 25	PC	IMAGE	ALL	F547M		1	1	2265	1		1
BD+16D601-CALIB	4 26 40.1	16 44 49	FOS/BL	RAPID	0.5	PRISM	3675	1	54	2435	1	CAL	1
BD+16D601-CALIB	4 26 40.1	16 44 49	FOS/BL	ACQ/PEAK	0.3	PRISM	3675	1	0	2435	1	ACQ	1
BD+16D601-CALIB	4 26 40.1	16 44 49	FOS/BL	ACQ/PEAK	1.0	PRISM	3675	1	0	2435	1	ACQ	1
HARO6-8	4 26 54.3	26 6 23	PC	IMAGE	ALL	F875M		1	23	2265	2		1
DFTAU	4 27 3.6	25 41 51	PC	IMAGE	ALL	F622W		1	0	2265	1		1
DFTAU	4 27 3.6	25 41 51	PC	IMAGE	ALL	F631N		1	80	2265	1		1
DFTAU	4 27 3.6	25 41 51	PC	IMAGE	ALL	F875M		1	0	2265	1		1
DFTAU	4 27 3.6	25 41 51	PC	IMAGE	ALL	F631N		1	12	2265	1		1
DFTAU	4 27 3.6	25 41 51	PC	IMAGE	ALL	F875M		1	140	2265	1		1
DFTAU	4 27 3.6	25 41 51	PC	IMAGE	ALL	F875M		1	2	2265	1		1
HD28344	4 28 47.9	17 17 6	HRS	ACCUM	0.25	G140L	1533	1	2100	2485	1		1
HD28344	4 28 47.9	17 17 6	HRS	ACCUM	0.25	G140L	1303	1	3675	2485	1		1
DHTAU	4 29 42.3	26 32 27	PC	IMAGE	ALL	F875M		1	10	2265	2		1
DITAU	4 29 43.2	26 32 18	PC	IMAGE	ALL	F875M		1	5	2265	2		1
IQTAU	4 29 52.3	26 6 13	PC	IMAGE	ALL	F875M		1	8	2265	2		1
UXTAU-A	4 30 5.2	18 13 11	PC	IMAGE	ALL	F875M		1	2	2265	2		1
UXTAU-B	4 30 5.2	18 13 11	PC	IMAGE	ALL	F875M		1	8	2265	2		1
FXTAU	4 30 30.4	24 26 13	PC	IMAGE	ALL	F875M		1	8	2265	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
DKTAU	4 30 45.0	26 0 53	PC	IMAGE	ALL	F875M		1	4	2265	2		1
NGC1569	4 30 48.5	64 50 55	PC	IMAGE	P5	F439W		1	600	2389	1		1
NGC1569	4 30 48.5	64 50 55	PC	IMAGE	P5	F547M		1	400	2389	1		1
NGC1569	4 30 48.5	64 50 55	PC	IMAGE	P5	F814W		1	500	2389	1		1
NGC1569	4 30 48.5	64 50 55	PC	IMAGE	P5	F336W		1	1800	2389	1		1
NGC1569	4 30 48.5	64 50 55	PC	IMAGE	P5	F336W		1	7200	2389	1		1
NGC1569	4 30 48.5	64 50 55	PC	IMAGE	P5	F439W		1	2400	2389	1		1
NGC1569	4 30 48.5	64 50 55	PC	IMAGE	P5	F547M		1	1600	2389	1		1
NGC1569	4 30 48.5	64 50 55	PC	IMAGE	P5	F814W		1	125	2389	1		1
VB86	4 30 57.1	10 45 7	HRS	ACCUM	0.25	G270M	2498	1	1500	2634	1		1
STEIN-2051-B	4 31 2.0	59 0 16	FOS/RD	ACCUM	1.0	G270H	2700	1	600	2593	2		1
STEIN-2051-B	4 31 2.0	59 0 16	FOS/RD	ACCUM	1.0	G190H	1944	1	900	2593	2		1
V927TAU	4 31 25.9	24 9 19	PC	IMAGE	ALL	F875M		1	10	2265	2		1
HH30	4 31 37.2	18 12 25	PC	IMAGE	P6	F673N		1	5000	2648	1		1
HH30	4 31 37.2	18 12 25	PC	IMAGE	P6	F791W		1	400	2648	1		1
HH30	4 31 37.2	18 12 25	PC	IMAGE	P6	F631N		1	2700	2648	1		1
HKTAU	4 31 51.3	24 23 46	PC	IMAGE	ALL	F875M		1	30	2265	2		1
V710TAU-A	4 31 59.1	18 20 58	PC	IMAGE	ALL	F875M		1	6	2265	2		1
V710TAU-B	4 31 59.1	18 20 58	PC	IMAGE	ALL	F875M		1	26	2265	2		1
042916+17	4 32 10.6	17 56 44	PC	IMAGE	ALL	F875M		1	4	2265	2		1
V827TAU	4 32 15.9	18 19 36	PC	IMAGE	ALL	F875M		1	3	2265	2		1
V826TAU	4 32 17.1	18 1 0	PC	IMAGE	ALL	F547M		1	5	2265	1		1
V826TAU	4 32 17.1	18 1 0	PC	IMAGE	ALL	F875M		1	0	2265	1		1
V826TAU	4 32 17.1	18 1 0	PC	IMAGE	ALL	F875M		1	3	2265	1		1
V826TAU	4 32 17.1	18 1 0	PC	IMAGE	ALL	F875M		1	350	2265	1		1
V826TAU	4 32 17.1	18 1 0	PC	IMAGE	ALL	F547M		1	0	2265	1		1
HZ-9	4 32 17.5	17 44 20	HRS	ACCUM	2.0	G140L	1288	1	1200	2593	2		1
GGTAU	4 32 31.6	17 31 2	PC	IMAGE	ALL	F875M		1	3	2265	2		1
UZTAU-E	4 32 43.7	25 52 0	PC	IMAGE	ALL	F622W		1	2	2265	1		1
UZTAU-E	4 32 43.7	25 52 0	PC	IMAGE	ALL	F631N		1	100	2265	1		1
UZTAU-E	4 32 43.7	25 52 0	PC	IMAGE	ALL	F875M		1	0	2265	1		1
UZTAU-E	4 32 43.7	25 52 0	PC	IMAGE	ALL	F875M		1	4	2265	1		1
UZTAU-E	4 32 43.7	25 52 0	PC	IMAGE	ALL	F875M		1	100	2265	1		1
UZTAU-E	4 32 43.7	25 52 0	PC	IMAGE	ALL	F631N		1	26	2265	1		1
UZTAU-W	4 32 43.7	25 52 0	PC	IMAGE	ALL	F875M		1	26	2265	2		1
GHTAU	4 33 7.0	24 9 2	PC	IMAGE	ALL	F875M		1	4	2265	2		1
V830TAU	4 33 10.8	24 33 11	PC	IMAGE	ALL	F875M		1	4	2265	2		1
3C120	4 33 11.2	5 21 15	FGS	TRANS	1	F550W		1	586	2443	1		1
3C120	4 33 11.2	5 21 15	FGS	TRANS	1	F583W		1	586	2443	1		1
3C120	4 33 11.2	5 21 15	FGS	TRANS	1	F650W		1	586	2443	1		1
GKTAU-FIELD	4 33 34.3	24 21 12	PC	IMAGE	P7	F791W		1	0	2799	1		3
GKTAU-FIELD	4 33 34.3	24 21 12	PC	IMAGE	P7	F439W		1	1	2799	1		1
GITAU	4 33 34.8	24 20 45	PC	IMAGE	ALL	F875M		1	7	2265	2		1
GKTAU	4 33 35.3	24 20 34	PC	IMAGE	ALL	F875M		1	4	2265	2		1
ISTAU	4 33 37.5	26 9 17	PC	IMAGE	ALL	F875M		1	16	2265	2		1
DLTAU	4 33 39.8	25 20 7	PC	IMAGE	ALL	F875M		1	8	2265	2		1
HNTAU-A	4 33 40.7	17 51 14	PC	IMAGE	ALL	F875M		1	26	2265	2		1
DMTAU	4 33 50.0	18 9 31	PC	IMAGE	ALL	F875M		1	14	2265	2		1
CITAU	4 33 52.7	22 49 59	PC	IMAGE	ALL	F875M		1	8	2265	2		1
HD28992	4 34 34.9	15 30 16	HRS	ACCUM	0.25	G140L	1533	1	2100	2485	1		1
HD28992	4 34 34.9	15 30 16	HRS	ACCUM	0.25	G140L	1303	1	3675	2485	1		1
AA-TAU	4 34 55.4	24 28 53	PC	IMAGE	P8	F439W		1	1	2799	1		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
AA-TAU	4 34 55.4	24 28 53	PC	IMAGE	P8	F791W		1	0	2799	1		3
AATAU	4 34 56.2	24 28 21	PC	IMAGE	ALL	F547M		1	10	2265	1		1
AATAU	4 34 56.2	24 28 21	PC	IMAGE	ALL	F875M		1	1	2265	1		1
AATAU	4 34 56.2	24 28 21	PC	IMAGE	ALL	F875M		1	6	2265	1		1
AATAU	4 34 56.2	24 28 21	PC	IMAGE	ALL	F875M		1	400	2265	1		1
AATAU	4 34 56.2	24 28 21	PC	IMAGE	ALL	F547M		1	1	2265	1		1
043230+17	4 35 25.8	17 51 4	PC	IMAGE	ALL	F875M		1	10	2265	2		1
DN-TAU	4 35 27.4	24 14 59	PC	IMAGE	P8	F439W		1	0	2799	1		1
DN-TAU	4 35 27.4	24 14 59	PC	IMAGE	P8	F791W		1	0	2799	1		3
DNTAU	4 35 28.1	24 14 27	PC	IMAGE	ALL	F547M		1	0	2265	1		1
DNTAU	4 35 28.1	24 14 27	PC	IMAGE	ALL	F547M		1	6	2265	1		1
DNTAU	4 35 28.1	24 14 27	PC	IMAGE	ALL	F875M		1	0	2265	1		1
DNTAU	4 35 28.1	24 14 27	PC	IMAGE	ALL	F875M		1	4	2265	1		1
DNTAU	4 35 28.1	24 14 27	PC	IMAGE	ALL	F875M		1	400	2265	1		1
HPTAU	4 35 53.5	22 53 52	PC	IMAGE	ALL	F875M		1	6	2265	2		1
HPTAU-G2	4 35 54.8	22 53 42	PC	IMAGE	ALL	F875M		1	1	2265	2		1
DOTAU	4 38 29.3	26 10 17	PC	IMAGE	ALL	F875M		1	12	2265	2		1
VYTAU	4 39 18.1	22 47 22	PC	IMAGE	ALL	F875M		1	10	2265	2		1
LK-CA-15	4 39 18.5	22 20 32	PC	IMAGE	ALL	F875M		1	4	2265	2		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P8	F555W		1	2	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P5	F439W		1	8	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P5	F555W		1	2	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P6	F336W		1	18	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P6	F555W		1	2	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P7	F336W		1	17	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P7	F555W		1	2	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P8	F336W		1	7	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P8	F439W		1	4	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P6	F785LP		1	13	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P8	F785LP		1	13	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P5	F336W		1	19	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P6	F439W		1	9	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P7	F439W		1	6	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P5	F785LP		1	13	2579	1		1
WD0437+138	4 40 6.8	13 57 56	PC	IMAGE	P7	F785LP		1	15	2579	1		1
LMC-SMP2-PCPOS	4 40 58.0	-67 47 57	PC	IMAGE	P8	F487N		1	30	2266	1		1
LMC-SMP2-PCPOS	4 40 58.0	-67 47 57	PC	IMAGE	P8	F547M		1	30	2266	1		1
LMC-SMP2-PCPOS	4 40 58.0	-67 47 57	PC	IMAGE	P8	F502N		1	150	2266	1	ACQ	1
LMC-SMP2	4 40 59.0	-67 47 51*	FOS/BL	ACCUM	1.0	G130H	1300	1	1200	2266	2		1
LMC-SMP2	4 40 59.0	-67 47 51*	FOS/RD	ACCUM	1.0	G190H	1900	1	320	2266	2		1
LMC-SMP2-OFFSET	4 40 59.0	-67 47 51	FOS/BL	ACQ/BINA	4.3	MIRROR		1	27	2266	2	ACQ	1
LK-CA-16	4 41 5.4	24 50 35	PC	IMAGE	ALL	F875M		1	4	2265	2		1
PKS0439-433	4 41 16.2	-43 13 28	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS0439-433	4 41 16.2	-43 13 28	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS0439-433	4 41 16.2	-43 13 28	FOS/BL	ACCUM	1.0	G160L	1837	1	534	2424	3		1
PKS0439-433	4 41 16.2	-43 13 28	FOS/RD	ACCUM	1.0	G270H	2753	1	504	2424	3		1
PKS0439-433	4 41 16.2	-43 13 28	FOS/RD	ACCUM	1.0	G190H	1980	1	1476	2424	3		1
V955TAU	4 42 8.5	25 22 40	PC	IMAGE	ALL	F875M		1	16	2265	2		1
LMC-SMP3-PCPOS	4 42 25.0	-66 12 59	PC	IMAGE	P8	F487N		1	20	2266	1		1
LMC-SMP3-PCPOS	4 42 25.0	-66 12 59	PC	IMAGE	P8	F547M		1	20	2266	1		1
LMC-SMP3-PCPOS	4 42 25.0	-66 12 59	PC	IMAGE	P8	F502N		1	40	2266	1	ACQ	1
LMC-SMP3	4 42 25.0	-66 12 56*	FOS/RD	ACCUM	1.0	G190H	1900	1	80	2266	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
LMC-SMP3	4 42 25.0	-66 12 56*	FOS/BL	ACCUM	1.0	G130H	1300	1	260	2266	2		1
LMC-SMP3-OFFSET	4 42 25.0	-66 12 56	FOS/BL	ACQ/BINA	4.3	MIRROR		1	27	2266	2	ACQ	1
DPTAU	4 42 38.4	25 15 6	PC	IMAGE	ALL	F875M		1	18	2265	2		1
GOTAU	4 43 3.8	25 19 47	PC	IMAGE	ALL	F875M		1	20	2265	2		1
DQTAU	4 46 54.4	16 59 22	PC	IMAGE	ALL	F875M		1	8	2265	2		1
HAR06-37	4 47 0.3	17 2 0	PC	IMAGE	ALL	F875M		1	7	2265	2		1
HAR06-37C	4 47 0.5	17 2 3*	PC	IMAGE	ALL	F875M		1	23	2265	2		1
DRTAU	4 47 7.5	16 58 5	PC	IMAGE	ALL	F622W		1	0	2265	1		1
DRTAU	4 47 7.5	16 58 5	PC	IMAGE	ALL	F631N		1	10	2265	1		1
DRTAU	4 47 7.5	16 58 5	PC	IMAGE	ALL	F631N		1	70	2265	1		1
DRTAU	4 47 7.5	16 58 5	PC	IMAGE	ALL	F875M		1	0	2265	1		1
DRTAU	4 47 7.5	16 58 5	PC	IMAGE	ALL	F875M		1	3	2265	1		1
DRTAU	4 47 7.5	16 58 5	PC	IMAGE	ALL	F875M		1	140	2265	1		1
DSTAU	4 47 49.0	29 24 26	PC	IMAGE	ALL	F875M		1	4	2265	2		1
1E0447-0917	4 49 32.9	-9 12 10	PC	IMAGE	ALL	F555W		1	200	2350	1		1
1E0447-0917	4 49 32.9	-9 12 10	PC	IMAGE	ALL	F555W		1	800	2350	1		1
LMC-SMP8	4 50 13.0	-69 34 28*	FOS/BL	ACCUM	1.0	G130H	1300	1	420	2266	2		1
LMC-SMP8	4 50 13.0	-69 34 28*	FOS/RD	ACCUM	1.0	G190H	1900	1	110	2266	2		1
LMC-SMP8-OFFSET	4 50 13.0	-69 34 28	FOS/BL	ACQ/BINA	4.3	MIRROR		1	44	2266	2	ACQ	1
LMC-SMP8-PCPOS	4 50 13.0	-69 34 14	PC	IMAGE	ALL	F487N		1	320	2266	1		1
LMC-SMP8-PCPOS	4 50 13.0	-69 34 14	PC	IMAGE	ALL	F547M		1	190	2266	1		1
LMC-SMP8-PCPOS	4 50 13.0	-69 34 14	PC	IMAGE	ALL	F502N		1	140	2266	1	ACQ	1
UYAUR	4 51 47.9	30 46 27	PC	IMAGE	ALL	F631N		1	100	2265	1		1
UYAUR	4 51 47.9	30 46 27	PC	IMAGE	ALL	F875M		1	0	2265	1		1
UYAUR	4 51 47.9	30 46 27	PC	IMAGE	ALL	F875M		1	4	2265	1		1
UYAUR	4 51 47.9	30 46 27	PC	IMAGE	ALL	F875M		1	100	2265	1		1
UYAUR	4 51 47.9	30 46 27	PC	IMAGE	ALL	F622W		1	1	2265	1		1
UYAUR	4 51 47.9	30 46 27	PC	IMAGE	ALL	F631N		1	16	2265	1		1
NGC1705	4 54 13.5	-53 21 41	PC	IMAGE	P5	F336W		1	200	2389	1		1
NGC1705	4 54 13.5	-53 21 41	PC	IMAGE	P5	F336W		1	800	2389	1		1
NGC1705	4 54 13.5	-53 21 41	PC	IMAGE	P5	F439W		1	80	2389	1		1
NGC1705	4 54 13.5	-53 21 41	PC	IMAGE	P5	F547M		1	60	2389	1		1
NGC1705	4 54 13.5	-53 21 41	PC	IMAGE	P5	F439W		1	320	2389	1		1
NGC1705	4 54 13.5	-53 21 41	PC	IMAGE	P5	F547M		1	240	2389	1		1
NGC1705	4 54 13.5	-53 21 41	PC	IMAGE	P5	F814W		1	18	2389	1		1
NGC1705	4 54 13.5	-53 21 41	PC	IMAGE	P5	F814W		1	72	2389	1		1
HD031237	4 54 15.1	2 26 26	HRS	WSCAN	0.25	ECH-A	1159	1	25	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	ACCUM	0.25	ECH-A	1548	1	26	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	WSCAN	0.25	ECH-B	1744	1	57	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	WSCAN	0.25	ECH-B	1807	1	38	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	ACCUM	0.25	ECH-A	1547	1	26	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	ACCUM	0.25	ECH-A	1548	1	26	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	WSCAN	0.25	ECH-A	1122	1	33	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	WSCAN	0.25	ECH-A	1303	1	31	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	WSCAN	0.25	ECH-B	2370	1	20	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	ACCUM	0.25	ECH-B	2323	1	12	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	ACCUM	0.25	ECH-A	1251	1	10	2251	2		2
HD031237	4 54 15.1	2 26 26	HRS	ACCUM	0.25	ECH-A	1252	1	10	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	WSCAN	0.25	ECH-A	1192	1	28	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	WSCAN	0.25	ECH-A	1279	1	25	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	ACCUM	0.25	ECH-A	1334	1	12	2251	2		1
HD031237	4 54 15.1	2 26 26	HRS	ACCUM	0.25	ECH-A	1333	1	12	2251	2		2

Target	RA(2ØØØ)	Dec(2ØØØ)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HDØ31237	4 54 15.1	2 26 26	HRS	ACCUM	Ø.25	ECH-B	2324	1	12	2251	2		1
HDØ31237	4 54 15.1	2 26 26	HRS	ACCUM	Ø.25	ECH-B	2325	1	12	2251	2		1
HDØ31237	4 54 15.1	2 26 26	HRS	WSCAN	Ø.25	ECH-B	1827	1	45	2251	2		1
HDØ31237	4 54 15.1	2 26 26	HRS	WSCAN	Ø.25	ECH-B	2Ø58	1	31	2251	2		1
HDØ31237	4 54 15.1	2 26 26	HRS	WSCAN	Ø.25	ECH-A	124Ø	1	4Ø	2251	2		1
HDØ31237	4 54 15.1	2 26 26	HRS	WSCAN	Ø.25	ECH-A	1357	1	63	2251	2		1
HDØ31237	4 54 15.1	2 26 26	HRS	WSCAN	Ø.25	ECH-A	1391	1	73	2251	2		1
HDØ31237	4 54 15.1	2 26 26	HRS	WSCAN	Ø.25	ECH-B	2Ø25	1	31	2251	2		1
GMAUR	4 55 11.5	3Ø 21 13	PC	IMAGE	ALL	F875M		1	4	2265	2		1
Q0453-423	4 55 24.Ø	-41 57 26	WFC	IMAGE	ALL	F194W		1	16ØØ	2592	1		5
Q0453-423	4 55 24.Ø	-41 57 26	WFC	IMAGE	ALL	F284W		1	11ØØ	2592	1		5
Q0453-423	4 55 24.Ø	-41 57 26	WFC	IMAGE	ALL	F648M		1	16ØØ	2592	1		5
Q0453-423	4 55 24.Ø	-41 57 26	WFC	IMAGE	ALL	F664N		1	16ØØ	2592	1		5
Ø45226+3Ø	4 55 37.5	3Ø 17 9	PC	IMAGE	ALL	F875M		1	2	2265	2		1
ABAUR	4 55 46.5	3Ø 32 17	PC	IMAGE	ALL	F875M		1	Ø	2265	2		1
SUAUR	4 55 59.8	3Ø 33 15	PC	IMAGE	ALL	F875M		1	Ø	2265	2		1
Ø45251+3Ø	4 56 2.6	3Ø 2Ø 17	PC	IMAGE	ALL	F875M		1	2	2265	2		1
PKSØ454-22	4 56 8.9	-21 59 9	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKSØ454-22	4 56 8.9	-21 59 9	FOS/BL	ACCUM	1.Ø	G16ØL	1837	1	3ØØ	2424	2		1
PKSØ454+Ø39	4 56 47.1	4 Ø 53	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKSØ454+Ø39	4 56 47.1	4 Ø 53	FOS/BL	ACCUM	1.Ø	G16ØL	1837	1	798	2424	3		1
INCA221-31	5 Ø 43.Ø	84 34 29	FGS	POS	2	F583W		1	51	286Ø	1		2
SK-65D21	5 1 22.3	-65 41 48	HRS	ACCUM	Ø.25	G14ØL	135Ø	1	17Ø	2233	1		1
SK-65D21	5 1 22.3	-65 41 48	HRS	ACCUM	Ø.25	G14ØL	1625	1	664	2233	1		1
V836TAU	5 3 7.3	25 22 48	PC	IMAGE	ALL	F875M		1	7	2265	1		1
V836TAU	5 3 7.3	25 22 48	PC	IMAGE	ALL	F875M		1	4ØØ	2265	1		1
V836TAU	5 3 7.3	25 22 48	PC	IMAGE	ALL	F547M		1	12	2265	1		1
V836TAU	5 3 7.3	25 22 48	PC	IMAGE	ALL	F875M		1	1	2265	1		1
V836TAU	5 3 7.3	25 22 48	PC	IMAGE	ALL	F547M		1	1	2265	1		1
LMC-SMP2Ø	5 4 37.Ø	-69 21 54*	FOS/BL	ACCUM	1.Ø	G13ØH	13ØØ	1	182Ø	2266	2		1
LMC-SMP2Ø	5 4 37.Ø	-69 21 54*	FOS/RD	ACCUM	1.Ø	G19ØH	19ØØ	1	49Ø	2266	2		1
LMC-SMP2Ø-OFFSET	5 4 37.Ø	-69 21 54	FOS/BL	ACQ/BINA	4.3	MIRROR		1	44	2266	2	ACQ	1
LMC-SMP2Ø-PCPOS	5 4 39.Ø	-69 21 47	PC	IMAGE	P8	F547M		1	1ØØØ	2266	1		1
LMC-SMP2Ø-PCPOS	5 4 39.Ø	-69 21 47	PC	IMAGE	P8	F5Ø2N		1	9ØØ	2266	1	ACQ	1
LMC-SMP2Ø-PCPOS	5 4 39.Ø	-69 21 47	PC	IMAGE	P8	F487N		1	12ØØ	2266	1		1
SK-7ØD69	5 5 18.8	-7Ø 25 5Ø	HRS	ACCUM	Ø.25	G14ØL	135Ø	1	513	2233	1		1
SK-7ØD69	5 5 18.8	-7Ø 25 5Ø	HRS	ACCUM	Ø.25	G14ØL	1625	1	2Ø39	2233	1		1
SK-68D41	5 5 27.2	-68 1Ø 3	HRS	ACCUM	Ø.25	G14ØL	135Ø	1	188	2233	1		1
SK-68D41	5 5 27.2	-68 1Ø 3	HRS	ACCUM	Ø.25	G14ØL	1625	1	759	2233	1		1
G191-B2B	5 5 3Ø.Ø	52 48 48	HRS	ACCUM	Ø.25	MIRROR-N1		1	Ø	2536	1		2
G191-B2B	5 5 3Ø.Ø	52 48 48	HRS	ACCUM	Ø.25	ECH-A	1198	4	6ØØ	2536	1		1
G191-B2B	5 5 3Ø.Ø	52 48 48	HRS	ACCUM	Ø.25	ECH-A	1198	1	95Ø	2536	1		1
G191-B2B	5 5 3Ø.Ø	52 48 48	HRS	ACCUM	Ø.25	G14ØM	12Ø3	2	512	2536	1		1
G191-B2B	5 5 3Ø.Ø	52 48 48	HRS	ACCUM	Ø.25	ECH-A	1188	3	595	2536	1		1
LMC-SMP25	5 6 21.7	-69 3 8	PC	IMAGE	ALL	F5Ø2N		1	4Ø	2263	1	SEL PAR	1
LMC-SMP25	5 6 21.7	-69 3 8	PC	IMAGE	ALL	F547M		1	8Ø	2263	1	SEL PAR	1
LMC-SMP25	5 6 21.7	-69 3 8	WFC	IMAGE	ALL	F487N		1	4ØØ	2263	1	SEL PAR	1
LMC-SMP25	5 6 21.7	-69 3 8	WFC	IMAGE	ALL	F547M		1	2Ø	2263	1	SEL PAR	1
LMC-SMP25	5 6 21.7	-69 3 8	WFC	IMAGE	ALL	F656N		1	7Ø	2263	1	SEL PAR	1
LMC-SMP25	5 6 21.7	-69 3 8	WFC	IMAGE	ALL	F658N		1	2ØØØ	2263	1	SEL PAR	1
LMC-SMP25	5 6 21.7	-69 3 8	WFC	IMAGE	ALL	F658N		1	3ØØØ	2263	1	SEL PAR	1
LMC-SMP25	5 6 21.7	-69 3 8	WFC	IMAGE	ALL	F5Ø2N		1	3Ø	2263	1	CON SEL PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
LMC-SMP25	5 6 21.7	-69 3 8	WFC	IMAGE	ALL	F487N		1	350	2263	1	SEL PAR	1
LMC-SMP25	5 6 21.7	-69 3 8	WFC	IMAGE	ALL	F656N		1	120	2263	1	SEL PAR	1
POINT0454+844INCA221-31	5 7 11.6	84 43 57	S/C	POINTING	V1			1	0	2860	1		1
0504+030	5 7 36.5	3 7 52	PC	IMAGE	ALL	F555W		1	200	2350	1		1
0504+030	5 7 36.5	3 7 52	PC	IMAGE	ALL	F555W		1	800	2350	1		1
0454+844INCA221-31	5 8 42.5	84 32 4	FGS	POS	2	F583W		1	51	2860	1		3
LMC-N103B	5 8 59.1	-68 43 34	FOS/RD	ACQ/PEAK	1.0-PAIR	MIRROR		1	10	2290	1	ACQ	1
LMC-N103B	5 8 59.1	-68 43 34	FOS/RD	ACCUM	1.0-PAIR	G190H	1900	1	1900	2290	1		1
LMC-N103B	5 8 59.1	-68 43 34	FOS/BL	ACCUM	1.0-PAIR	G130H	1300	2	1500	2290	1		1
HD33328	5 9 8.7	-8 45 15	HRS	RAPID	2.0	G200M	1829	1	70	2544	1		5
HD33328	5 9 8.9	-8 45 15	HRS	ACCUM	0.25	ECH-A36	1549	1	138	2403	1		1
HD33328	5 9 8.9	-8 45 15	HRS	ACCUM	0.25	ECH-A40	1400	1	138	2403	1		1
HD33328	5 9 8.9	-8 45 15	HRS	ACCUM	0.25	ECH-A45	1240	1	127	2403	1		1
HD33328	5 9 8.9	-8 45 15	HRS	ACCUM	0.25	ECH-A45	1258	1	116	2403	1		1
HD33328	5 9 8.9	-8 45 15	HRS	ACCUM	0.25	ECH-A40	1391	1	169	2403	1		1
HD33328	5 9 8.9	-8 45 15	HRS	ACCUM	0.25	ECH-A47	1197	1	74	2403	1		1
HD33328	5 9 8.9	-8 45 15	HRS	ACCUM	0.25	ECH-A47	1204	1	117	2403	1		1
0509-67.5	5 9 31.9	-67 31 17	WFC	IMAGE	ALL	F656N		1	2500	2355	1		1
LMC-SMP35	5 10 48.0	-65 29 58*	FOS/BL	ACCUM	1.0	G130H	1300	1	500	2266	2		1
LMC-SMP35	5 10 48.0	-65 29 58*	FOS/RD	ACCUM	1.0	G190H	1900	1	130	2266	2		1
LMC-SMP35-OFFSET	5 10 48.0	-65 29 58	FOS/BL	ACQ/BINA	4.3	MIRROR		1	109	2266	2	ACQ	1
LMC-SMP35-PCPOS	5 10 49.0	-65 29 45	PC	IMAGE	ALL	F487N		1	450	2266	1		1
LMC-SMP35-PCPOS	5 10 49.0	-65 29 45	PC	IMAGE	ALL	F547M		1	430	2266	1		1
LMC-SMP35-PCPOS	5 10 49.0	-65 29 45	PC	IMAGE	ALL	F502N		1	140	2266	1	ACQ	1
NGC1866	5 13 15.2	-65 28 5	WFC	IMAGE	ALL	F555W		1	100	2227	1		1
NGC1866	5 13 15.2	-65 28 5	WFC	IMAGE	ALL	F555W		1	1000	2227	1		1
NGC1866	5 13 15.2	-65 28 5	WFC	IMAGE	ALL	F785LP		1	100	2227	1		1
NGC1866	5 13 15.2	-65 28 5	WFC	IMAGE	ALL	F785LP		1	1000	2227	1		1
ESO-0514-3709	5 16 38.9	-37 6 10	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0514-3709	5 16 38.9	-37 6 10	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
LMC-SMP45-PCPOS	5 19 22.0	-66 58 9	PC	IMAGE	P8	F547M		1	1000	2266	1		1
LMC-SMP45-PCPOS	5 19 22.0	-66 58 9	PC	IMAGE	P8	F487N		1	1100	2266	1		1
LMC-SMP45-PCPOS	5 19 22.0	-66 58 9	PC	IMAGE	P8	F502N		1	590	2266	1	ACQ	1
LMC-SMP45	5 19 23.0	-66 58 10*	FOS/BL	ACCUM	1.0	G130H	1300	1	840	2266	2		1
LMC-SMP45	5 19 23.0	-66 58 10*	FOS/RD	ACCUM	1.0	G190H	1900	1	230	2266	2		1
LMC-SMP45-OFFSET	5 19 23.0	-66 58 10	FOS/BL	ACQ/BINA	4.3	MIRROR		1	27	2266	2	ACQ	1
PICTORA	5 19 49.8	-45 46 45	PC	IMAGE	ALL	F230W		1	3500	2456	1		1
PICTORA	5 19 49.8	-45 46 45	PC	IMAGE	ALL	F487N		1	3500	2456	1		1
PICTORA	5 19 49.8	-45 46 45	PC	IMAGE	ALL	F517N		1	3500	2456	1		1
PICTORA	5 19 49.8	-45 46 45	PC	IMAGE	ALL	F675W		1	3500	2456	1		1
PICTORA	5 19 49.8	-45 46 45	PC	IMAGE	ALL	F785LP		1	3400	2456	1		1
PICTORA	5 19 49.8	-45 46 45	WFC	IMAGE	ALL	G200L		1	3500	2456	1		1
LMC-SMP47	5 19 53.0	-69 30 57*	FOS/RD	ACCUM	1.0	G190H	1900	1	70	2266	2		1
LMC-SMP47	5 19 53.0	-69 30 57*	FOS/BL	ACCUM	1.0	G130H	1300	1	220	2266	2		1
LMC-SMP47-OFFSET	5 19 53.0	-69 30 57	FOS/BL	ACQ/BINA	4.3	MIRROR		1	27	2266	2	ACQ	1
LMC-SMP47-PCPOS	5 19 54.0	-69 31 1	PC	IMAGE	P8	F547M		1	100	2266	1		1
LMC-SMP47-PCPOS	5 19 54.0	-69 31 1	PC	IMAGE	P8	F502N		1	30	2266	1	ACQ	1
LMC-SMP47-PCPOS	5 19 54.0	-69 31 1	PC	IMAGE	P8	F487N		1	120	2266	1		1
LMC-J26	5 20 0.7	-69 26 0	WFC	IMAGE	ALL	F547M		1	20	2263	1	PAR	1
LMC-J26	5 20 0.7	-69 26 0	WFC	IMAGE	ALL	F502N		1	260	2263	1	PAR	1
3C138.0	5 21 31.5	16 38 21	PC	IMAGE	ALL	F606W		1	600	2488	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C138.0	5 21 31.5	16 38 21	PC	IMAGE	ALL	F664N		1	1800	2488	1		1
HD35149	5 22 49.9	3 32 40	HRS	RAPID	2.0	G200M	1829	1	70	2544	1		5
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-A	1159	1	58	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-B	1807	1	89	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-B	1744	1	132	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1548	1	62	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-B	2324	1	28	2251	1		2
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-A	1122	1	77	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-A	1303	1	74	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-B	2370	1	46	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1547	1	62	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1548	1	62	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-B	2323	1	28	2251	1		3
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-B	2325	1	28	2251	1		2
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-A	1192	1	66	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-B	1827	1	105	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-A	1279	1	58	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1251	1	24	2251	1		2
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1252	1	24	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1334	1	29	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1333	1	29	2251	1		2
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-B	2324	1	28	2251	1		2
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-B	2323	1	28	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-B	2325	1	28	2251	1		2
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-B	2058	1	74	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-A	1240	1	93	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-A	1357	1	148	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-A	1391	1	171	2251	1		1
HD035149	5 22 50.0	3 32 40	HRS	WSCAN	0.25	ECH-B	2025	1	74	2251	1		1
HD35149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1240	1	480	2584	1		1
HD35149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1335	1	120	2584	1		1
HD35149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1402	1	200	2584	1		1
HD35149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1253	1	200	2584	1		1
HD35149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1259	1	200	2584	1		1
HD35149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1393	1	200	2584	1		1
HD35149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-B	1858	1	100	2584	1		1
HD35149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1206	1	480	2584	1		1
HD35149	5 22 50.0	3 32 40	HRS	ACCUM	0.25	ECH-A	1549	1	180	2584	1		1
PKS0521-365	5 22 57.9	-36 27 31	PC	IMAGE	ALL	F555W		1	200	2350	1		1
PKS0521-365	5 22 57.9	-36 27 31	PC	IMAGE	ALL	F555W		1	800	2350	1		1
SNR0525-69.6	5 25 2.5	-69 38 31	PC	IMAGE	ALL	F492M		1	2300	2292	1		1
SNR0525-69.6	5 25 2.5	-69 38 31	PC	IMAGE	ALL	F547M		1	260	2292	1		1
SNR0525-69.6	5 25 2.5	-69 38 31	WFC	IMAGE	ALL	F492M		1	400	2292	1		1
SNR0525-69.6	5 25 2.5	-69 38 31	WFC	IMAGE	ALL	F547M		1	100	2292	1		1
SNR0525-69.6	5 25 2.5	-69 38 31	WFC	IMAGE	ALL	F631N		1	1000	2292	1		1
SNR0525-69.6	5 25 2.5	-69 38 31	WFC	IMAGE	ALL	F673N		1	700	2292	1		1
SNR0525-69.6	5 25 2.5	-69 38 31	WFC	IMAGE	ALL	F375N		1	1500	2292	1		1
SNR0525-69.6	5 25 2.5	-69 38 31	WFC	IMAGE	ALL	F487N		1	1500	2292	1		1
FIELD-052600-660436	5 26 0.2	-66 4 36	FOC/48	IMAGE	512X1024	F220W		1	900	2378	1		2
FIELD-052600-660436	5 26 0.2	-66 4 36	FOC/48	IMAGE	512X1024	F342W		1	900	2378	1		2
FIELD-052600-660436	5 26 0.2	-66 4 36	FOC/48	IMAGE	512X1024	F220W		1	900	2378	2		1
FIELD-052600-660436	5 26 0.2	-66 4 36	FOC/48	IMAGE	512X1024	F342W		1	900	2378	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
FIELD-052600-660436	5 26 0.2	-66 4 36	FOC/48	IMAGE	512X1024	F220W		1	1080	2378	2		2
LMC-A4-PCPOS	5 26 47.0	-64 37 36	PC	IMAGE	ALL	F547M		1	1000	2266	1		1
LMC-A4-PCPOS	5 26 47.0	-64 37 36	PC	IMAGE	ALL	F502N		1	1500	2266	1	ACQ	1
LMC-A4	5 26 49.0	-64 37 12*	FOS/BL	ACCUM	1.0	G130H	1300	1	2500	2266	2		1
LMC-A4	5 26 49.0	-64 37 12*	FOS/RD	ACCUM	1.0	G190H	1900	1	1400	2266	2		1
LMC-A4-OFFSET	5 26 49.0	-64 37 12	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2266	2	ACQ	1
SK-66D100	5 27 45.5	-66 55 15	HRS	ACCUM	0.25	G140L	1350	1	301	2233	1		1
SK-66D100	5 27 45.5	-66 55 15	HRS	ACCUM	0.25	G140L	1625	1	1199	2233	1		1
G97-42-CALIB	5 28 0.1	9 38 39	PC	IMAGE	ALL	F622W		1	0	2265	1	CAL	1
G97-42-CALIB	5 28 0.1	9 38 39	PC	IMAGE	ALL	F631N		1	70	2265	1	CAL	1
G97-42-CALIB	5 28 0.1	9 38 39	PC	IMAGE	ALL	F631N		1	12	2265	1	CAL	1
G97-42-CALIB	5 28 0.1	9 38 39	PC	IMAGE	ALL	F875M		1	0	2265	1	CAL	1
G97-42-CALIB	5 28 0.1	9 38 39	PC	IMAGE	ALL	F875M		1	120	2265	1	CAL	1
G97-42-CALIB	5 28 0.1	9 38 39	PC	IMAGE	ALL	F875M		1	1	2265	1	CAL	1
LMC-SMP72	5 30 42.0	-70 50 38*	FOS/BL	ACCUM	1.0	G130H	1300	1	2000	2266	2		1
LMC-SMP72	5 30 42.0	-70 50 38*	FOS/RD	ACCUM	1.0	G190H	1900	1	540	2266	2		1
LMC-SMP72-OFFSET	5 30 42.0	-70 50 38	FOS/BL	ACQ/BINA	4.3	MIRROR		1	17	2266	2	ACQ	1
LMC-SMP72-PCPOS	5 30 44.0	-70 50 27	PC	IMAGE	ALL	F547M		1	1000	2266	1		1
LMC-SMP72-PCPOS	5 30 44.0	-70 50 27	PC	IMAGE	ALL	F502N		1	1500	2266	1	ACQ	1
SK-67D166	5 31 44.3	-67 38 1	HRS	ACCUM	0.25	G140L	1350	1	99	2233	1		1
SK-67D166	5 31 44.3	-67 38 1	HRS	ACCUM	0.25	G140L	1625	1	369	2233	1		1
SK-67D167	5 31 52.0	-67 39 41	HRS	ACCUM	0.25	G140L	1350	1	150	2233	1		1
SK-67D167	5 31 52.0	-67 39 41	HRS	ACCUM	0.25	G140L	1625	1	594	2233	1		1
HD36512	5 31 55.8	-7 18 5	HRS	RAPID	2.0	G200M	1829	1	70	2544	1		3
LMC-SMP76	5 33 53.0	-67 52 49*	FOS/RD	ACCUM	1.0	G190H	1900	1	70	2266	1		1
LMC-SMP76	5 33 53.0	-67 52 49*	FOS/BL	ACCUM	1.0	G130H	1300	1	270	2266	1		1
LMC-SMP76-OFFSET	5 33 53.0	-67 52 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2266	1	ACQ	1
LMC-SMP76-PCPOS	5 33 55.0	-67 53 0	PC	IMAGE	ALL	F487N		1	80	2266	1		1
LMC-SMP76-PCPOS	5 33 55.0	-67 53 0	PC	IMAGE	ALL	F547M		1	80	2266	1		1
LMC-SMP76-PCPOS	5 33 55.0	-67 53 0	PC	IMAGE	ALL	F502N		1	30	2266	1	ACQ	1
NGC1952-WFCN1	5 34 28.8	22 2 44	WFC	IMAGE	ALL	F547M		1	900	2340	1		1
NGC1952-WFCN1	5 34 28.8	22 2 44	WFC	IMAGE	ALL	F502N		1	1200	2340	1		1
NGC1952-WFCN1	5 34 28.8	22 2 44	WFC	IMAGE	ALL	F656N		1	1200	2340	1		1
NGC1952-WFCN1	5 34 28.8	22 2 44	WFC	IMAGE	ALL	F658N		1	1200	2340	1		1
NGC1952-WFCN1	5 34 28.8	22 2 44	WFC	IMAGE	ALL	F664N		1	1200	2340	1		1
NGC1952-WFCN1	5 34 28.8	22 2 44	WFC	IMAGE	ALL	F673N		1	1200	2340	1		1
NGC1952-FOC02	5 34 29.7	22 0 35	FOC/48	IMAGE	512X1024	F275W		1	600	2340	1		1
NGC1952-FOC02	5 34 29.7	22 0 35	FOC/48	IMAGE	512X1024	F150W		1	1800	2340	1		1
NGC1952-FOC02	5 34 29.7	22 0 35	FOC/48	IMAGE	512X1024	F175W		1	1800	2340	1		1
NGC1952-WFCC1	5 34 32.7	22 1 4	WFC	IMAGE	ALL	F502N		1	900	2340	1		1
NGC1952-WFCC1	5 34 32.7	22 1 4	WFC	IMAGE	ALL	F656N		1	900	2340	1		1
NGC1952-WFCC1	5 34 32.7	22 1 4	WFC	IMAGE	ALL	F664N		1	900	2340	1		1
NGC1952-FOC01	5 34 32.8	22 2 11	FOC/48	IMAGE	512X1024	F275W		1	600	2340	1		1
NGC1952-FOC01	5 34 32.8	22 2 11	FOC/48	IMAGE	512X1024	F150W		1	1800	2340	1		1
NGC1952-FOC01	5 34 32.8	22 2 11	FOC/48	IMAGE	512X1024	F175W		1	1800	2340	1		1
NGC1952-WFCS1	5 34 33.4	22 0 12	WFC	IMAGE	ALL	F502N		1	1800	2340	1		1
NGC1952-WFCS1	5 34 33.4	22 0 12	WFC	IMAGE	ALL	F547M		1	1200	2340	1		1
NGC1952-WFCS1	5 34 33.4	22 0 12	WFC	IMAGE	ALL	F656N		1	1440	2340	1		1
NGC1952-WFCS1	5 34 33.4	22 0 12	WFC	IMAGE	ALL	F658N		1	1800	2340	1		1
NGC1952-WFCS1	5 34 33.4	22 0 12	WFC	IMAGE	ALL	F664N		1	1800	2340	1		1
NGC1952-WFCS1	5 34 33.4	22 0 12	WFC	IMAGE	ALL	F673N		1	1800	2340	1		1
NGC1952-FOC03	5 34 34.2	21 59 50	FOC/48	IMAGE	512X1024	F275W		1	600	2340	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC1952-FOC03	5 34 34.2	21 59 50	FOC/48	IMAGE	512X1024	F150W		1	1800	2340	1		1
NGC1952-FOC03	5 34 34.2	21 59 50	FOC/48	IMAGE	512X1024	F175W		1	1800	2340	1		1
TRAPEZIUM-053512-052336	5 35 12.2	-5 23 36	PC	IMAGE	ALL	F413M		1	40	2595	1		1
TRAPEZIUM-053512-052336	5 35 12.2	-5 23 36	PC	IMAGE	ALL	F413M		1	400	2595	1		2
TRAPEZIUM-053512-052336	5 35 12.2	-5 23 36	PC	IMAGE	ALL	F547M		1	10	2595	1		1
TRAPEZIUM-053512-052336	5 35 12.2	-5 23 36	PC	IMAGE	ALL	F875M		1	6	2595	1		1
TRAPEZIUM-053512-052336	5 35 12.2	-5 23 36	PC	IMAGE	ALL	F547M		1	250	2595	1		1
TRAPEZIUM-053512-052336	5 35 12.2	-5 23 36	PC	IMAGE	ALL	F875M		1	150	2595	1		1
SK-67D211	5 35 13.9	-67 33 27	HRS	ACCUM	0.25	G140L	1350	1	99	2233	1		1
SK-67D211	5 35 13.9	-67 33 27	HRS	ACCUM	0.25	G140L	1625	1	412	2233	1		1
TRAPEZIUM-053514-052230	5 35 14.4	-5 22 31	PC	IMAGE	ALL	F413M		1	40	2595	1		1
TRAPEZIUM-053514-052230	5 35 14.4	-5 22 31	PC	IMAGE	ALL	F413M		1	400	2595	1		2
TRAPEZIUM-053514-052230	5 35 14.4	-5 22 31	PC	IMAGE	ALL	F547M		1	10	2595	1		1
TRAPEZIUM-053514-052230	5 35 14.4	-5 22 31	PC	IMAGE	ALL	F875M		1	6	2595	1		1
TRAPEZIUM-053514-052230	5 35 14.4	-5 22 31	PC	IMAGE	ALL	F547M		1	250	2595	1		1
TRAPEZIUM-053514-052230	5 35 14.4	-5 22 31	PC	IMAGE	ALL	F875M		1	150	2595	1		1
TRAPEZIUM-053514-052126	5 35 14.4	-5 21 27	PC	IMAGE	ALL	F413M		1	40	2595	1		1
TRAPEZIUM-053514-052126	5 35 14.4	-5 21 27	PC	IMAGE	ALL	F413M		1	400	2595	1		2
TRAPEZIUM-053514-052126	5 35 14.4	-5 21 27	PC	IMAGE	ALL	F547M		1	10	2595	1		1
TRAPEZIUM-053514-052126	5 35 14.4	-5 21 27	PC	IMAGE	ALL	F875M		1	6	2595	1		1
TRAPEZIUM-053514-052126	5 35 14.4	-5 21 27	PC	IMAGE	ALL	F547M		1	250	2595	1		1
TRAPEZIUM-053514-052126	5 35 14.4	-5 21 27	PC	IMAGE	ALL	F875M		1	150	2595	1		1
TRAPEZIUM-053514-052021	5 35 14.4	-5 20 22	PC	IMAGE	ALL	F413M		1	40	2595	1		1
TRAPEZIUM-053514-052021	5 35 14.4	-5 20 22	PC	IMAGE	ALL	F413M		1	400	2595	1		2
TRAPEZIUM-053514-052021	5 35 14.4	-5 20 22	PC	IMAGE	ALL	F547M		1	10	2595	1		1
TRAPEZIUM-053514-052021	5 35 14.4	-5 20 22	PC	IMAGE	ALL	F875M		1	6	2595	1		1
TRAPEZIUM-053514-052021	5 35 14.4	-5 20 22	PC	IMAGE	ALL	F547M		1	250	2595	1		1
TRAPEZIUM-053514-052021	5 35 14.4	-5 20 22	PC	IMAGE	ALL	F875M		1	150	2595	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
TRAPEZIUM-053516-052 322	5 35 16.5	-5 23 23	PC	IMAGE	ALL	F547M		1	1	2595	1		1
TRAPEZIUM-053517-052 414	5 35 17.4	-5 24 15	PC	IMAGE	ALL	F413M		1	40	2595	1		1
TRAPEZIUM-053517-052 414	5 35 17.4	-5 24 15	PC	IMAGE	ALL	F413M		1	400	2595	1		2
TRAPEZIUM-053517-052 414	5 35 17.4	-5 24 15	PC	IMAGE	ALL	F547M		1	10	2595	1		1
TRAPEZIUM-053517-052 414	5 35 17.4	-5 24 15	PC	IMAGE	ALL	F875M		1	6	2595	1		1
TRAPEZIUM-053517-052 414	5 35 17.4	-5 24 15	PC	IMAGE	ALL	F547M		1	250	2595	1		1
TRAPEZIUM-053517-052 414	5 35 17.4	-5 24 15	PC	IMAGE	ALL	F875M		1	150	2595	1		1
TRAPEZIUM-053518-052 511	5 35 17.8	-5 25 12	PC	IMAGE	ALL	F413M		1	40	2595	1		1
TRAPEZIUM-053518-052 511	5 35 17.8	-5 25 12	PC	IMAGE	ALL	F413M		1	400	2595	1		2
TRAPEZIUM-053518-052 511	5 35 17.8	-5 25 12	PC	IMAGE	ALL	F547M		1	10	2595	1		1
TRAPEZIUM-053518-052 511	5 35 17.8	-5 25 12	PC	IMAGE	ALL	F875M		1	6	2595	1		1
TRAPEZIUM-053518-052 511	5 35 17.8	-5 25 12	PC	IMAGE	ALL	F547M		1	250	2595	1		1
TRAPEZIUM-053518-052 511	5 35 17.8	-5 25 12	PC	IMAGE	ALL	F875M		1	150	2595	1		1
TRAPEZIUM-053518-052 125	5 35 18.1	-5 21 26	PC	IMAGE	ALL	F413M		1	40	2595	1		1
TRAPEZIUM-053518-052 125	5 35 18.1	-5 21 26	PC	IMAGE	ALL	F413M		1	400	2595	1		2
TRAPEZIUM-053518-052 125	5 35 18.1	-5 21 26	PC	IMAGE	ALL	F547M		1	10	2595	1		1
TRAPEZIUM-053518-052 125	5 35 18.1	-5 21 26	PC	IMAGE	ALL	F875M		1	6	2595	1		1
TRAPEZIUM-053518-052 125	5 35 18.1	-5 21 26	PC	IMAGE	ALL	F547M		1	250	2595	1		1
TRAPEZIUM-053518-052 125	5 35 18.1	-5 21 26	PC	IMAGE	ALL	F875M		1	150	2595	1		1
TRAPEZIUM-053519-052 229	5 35 18.8	-5 22 30	PC	IMAGE	ALL	F413M		1	40	2595	1		1
TRAPEZIUM-053519-052 229	5 35 18.8	-5 22 30	PC	IMAGE	ALL	F413M		1	400	2595	1		2
TRAPEZIUM-053519-052 229	5 35 18.8	-5 22 30	PC	IMAGE	ALL	F547M		1	10	2595	1		1
TRAPEZIUM-053519-052 229	5 35 18.8	-5 22 30	PC	IMAGE	ALL	F875M		1	6	2595	1		1
TRAPEZIUM-053519-052 229	5 35 18.8	-5 22 30	PC	IMAGE	ALL	F547M		1	250	2595	1		1
TRAPEZIUM-053519-052 229	5 35 18.8	-5 22 30	PC	IMAGE	ALL	F875M		1	150	2595	1		1
TRAPEZIUM-053520-052 338	5 35 20.5	-5 23 38	PC	IMAGE	ALL	F413M		1	40	2595	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
TRAPEZIUM-053520-052338	5 35 20.5	-5 23 38	PC	IMAGE	ALL	F413M		1	400	2595	1		2
TRAPEZIUM-053520-052338	5 35 20.5	-5 23 38	PC	IMAGE	ALL	F547M		1	10	2595	1		1
TRAPEZIUM-053520-052338	5 35 20.5	-5 23 38	PC	IMAGE	ALL	F875M		1	6	2595	1		1
TRAPEZIUM-053520-052338	5 35 20.5	-5 23 38	PC	IMAGE	ALL	F547M		1	250	2595	1		1
TRAPEZIUM-053520-052338	5 35 20.5	-5 23 38	PC	IMAGE	ALL	F875M		1	150	2595	1		1
TRAPEZIUM-053523-052231	5 35 23.2	-5 22 32	PC	IMAGE	ALL	F413M		1	40	2595	1		1
TRAPEZIUM-053523-052231	5 35 23.2	-5 22 32	PC	IMAGE	ALL	F413M		1	400	2595	1		2
TRAPEZIUM-053523-052231	5 35 23.2	-5 22 32	PC	IMAGE	ALL	F547M		1	10	2595	1		1
TRAPEZIUM-053523-052231	5 35 23.2	-5 22 32	PC	IMAGE	ALL	F875M		1	6	2595	1		1
TRAPEZIUM-053523-052231	5 35 23.2	-5 22 32	PC	IMAGE	ALL	F547M		1	250	2595	1		1
TRAPEZIUM-053523-052231	5 35 23.2	-5 22 32	PC	IMAGE	ALL	F875M		1	150	2595	1		1
TRAPEZIUM-053524-052128	5 35 23.8	-5 21 28	PC	IMAGE	ALL	F413M		1	40	2595	1		1
TRAPEZIUM-053524-052128	5 35 23.8	-5 21 28	PC	IMAGE	ALL	F413M		1	400	2595	1		2
TRAPEZIUM-053524-052128	5 35 23.8	-5 21 28	PC	IMAGE	ALL	F547M		1	10	2595	1		1
TRAPEZIUM-053524-052128	5 35 23.8	-5 21 28	PC	IMAGE	ALL	F875M		1	6	2595	1		1
TRAPEZIUM-053524-052128	5 35 23.8	-5 21 28	PC	IMAGE	ALL	F547M		1	250	2595	1		1
TRAPEZIUM-053524-052128	5 35 23.8	-5 21 28	PC	IMAGE	ALL	F875M		1	150	2595	1		1
LMC-SN1987A-STAR2	5 35 27.6	-69 16 10	FOS/BL	ACCUM	0.5-PAIR	G130H	1379	1	800	2563	1		1
LMC-SN1987A-STAR2	5 35 27.6	-69 16 10	FOS/RD	ACCUM	0.5-PAIR	G190H	1980	1	600	2563	1		1
LMC-SN1987A-STAR2	5 35 27.6	-69 16 10	FOS/RD	ACCUM	0.5-PAIR	G270H	2753	1	300	2563	1		1
LMC-SN1987A-STAR2	5 35 27.6	-69 16 10	FOS/RD	ACCUM	0.5-PAIR	G400H	4013	1	300	2563	1		1
LMC-SN1987A-STAR2	5 35 27.6	-69 16 10	FOS/RD	ACCUM	0.5-PAIR	G570H	5691	1	300	2563	1		1
LMC-SN1987A-STAR2	5 35 27.6	-69 16 10	FOS/RD	ACCUM	0.5-PAIR	G780H	7756	1	300	2563	1		1
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F487N		1	300	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F502N		1	300	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F658N		1	300	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F487N		1	300	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F502N		1	300	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F658N		1	300	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F487N		1	300	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F502N		1	300	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F658N		1	300	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F648M		3	60	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F702W		3	30	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F648M		3	60	2563	2		3

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F702W		3	30	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F648M		3	60	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F702W		3	30	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F336W		5	60	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F439W		5	60	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F547M		5	60	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F814W		5	30	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F336W		5	60	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F439W		5	60	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F547M		5	60	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F814W		5	30	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F336W		5	60	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F439W		5	60	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F547M		5	60	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	PC	IMAGE	ANY	F814W		5	30	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	WFC	IMAGE	ANY	F547M POL0		5	120	2563	1		1
LMC-SN1987A	5 35 28.0	-69 16 11	WFC	IMAGE	ANY	F547M POL60		5	120	2563	1		1
LMC-SN1987A	5 35 28.0	-69 16 11	WFC	IMAGE	ANY	F547M POL120		5	120	2563	1		1
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F231M		1	1000	2563	1		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F307M		1	900	2563	1		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F346M		1	900	2563	1		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F410M		1	1000	2563	1		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F470M		1	600	2563	1		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F486N		1	900	2563	1		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F501N		1	900	2563	1		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F550M		1	600	2563	1		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F630M		1	900	2563	1		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F231M		1	1000	2563	2		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F307M		1	900	2563	2		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F346M		1	900	2563	2		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F410M		1	1000	2563	2		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F470M		1	600	2563	2		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F486N		1	900	2563	2		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F501N		1	900	2563	2		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F550M		1	600	2563	2		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F630M		1	900	2563	2		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F231M		1	1000	2563	3		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F307M		1	900	2563	3		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F346M		1	900	2563	3		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F410M		1	1000	2563	3		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F470M		1	600	2563	3		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F486N		1	900	2563	3		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F501N		1	900	2563	3		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F550M		1	600	2563	3		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOC/96	IMAGE	128X128	F630M		1	900	2563	3		2
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/BL	ACCUM	0.25X2.0	G130H	1379	1	1500	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G190H	1980	1	1500	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G270H	2753	1	1500	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G400H	4013	1	750	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G570H	5691	1	750	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G780H	7756	1	750	2563	1		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/BL	ACCUM	0.25X2.0	G130H	1379	1	1500	2563	2		3

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G190H	1980	1	1500	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G270H	2753	1	1500	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G400H	4013	1	750	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G570H	5691	1	750	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G780H	7756	1	750	2563	2		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/BL	ACCUM	0.25X2.0	G130H	1379	1	1500	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G190H	1980	1	1500	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G270H	2753	1	1500	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G400H	4013	1	750	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G570H	5691	1	750	2563	3		3
LMC-SN1987A	5 35 28.0	-69 16 11	FOS/RD	ACCUM	0.25X2.0	G780H	7756	1	750	2563	3		3
LMC-SN1987A-ECHO	5 35 28.1	-69 16 12	WFC	IMAGE	ANY	F230W		1	600	2563	1		1
LMC-SN1987A-ECHO	5 35 28.1	-69 16 12	WFC	IMAGE	ANY	F336W		2	300	2563	1		1
LMC-SN1987A-ECHO	5 35 28.1	-69 16 12	WFC	IMAGE	ANY	F547M		5	60	2563	1		1
LMC-SN1987A-STAR3	5 35 28.3	-69 16 12	FOS/BL	ACCUM	0.5-PAIR	G130H	1379	1	800	2563	1		1
LMC-SN1987A-STAR3	5 35 28.3	-69 16 12	FOS/RD	ACCUM	0.5-PAIR	G190H	1980	1	800	2563	1		1
LMC-SN1987A-STAR3	5 35 28.3	-69 16 12	FOS/RD	ACCUM	0.5-PAIR	G270H	2753	1	400	2563	1		1
LMC-SN1987A-STAR3	5 35 28.3	-69 16 12	FOS/RD	ACCUM	0.5-PAIR	G400H	4013	1	400	2563	1		1
LMC-SN1987A-STAR3	5 35 28.3	-69 16 12	FOS/RD	ACCUM	0.5-PAIR	G570H	5691	1	400	2563	1		1
LMC-SN1987A-STAR3	5 35 28.3	-69 16 12	FOS/RD	ACCUM	0.5-PAIR	G780H	7756	1	400	2563	1		1
LMC-N63A	5 35 43.2	-66 2 3	FOS/RD	ACCUM	1.0-PAIR	G190H	1900	1	2000	2290	1		1
LMC-N63A	5 35 43.2	-66 2 3	FOS/BL	ACCUM	1.0-PAIR	G130H	1300	2	1500	2290	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-B	1744	1	27	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	ACCUM	0.25	ECH-A	1548	1	12	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-A	1122	1	16	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-A	1159	1	12	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-A	1303	1	15	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-B	1807	1	18	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-B	2370	1	9	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	ACCUM	0.25	ECH-A	1547	1	12	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	ACCUM	0.25	ECH-A	1548	1	12	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	ACCUM	0.25	ECH-B	2323	1	5	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	ACCUM	0.25	ECH-A	1251	1	5	2251	1		2
HD037128	5 36 12.8	-1 12 7	HRS	ACCUM	0.25	ECH-A	1252	1	5	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	ACCUM	0.25	ECH-A	1334	1	6	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	ACCUM	0.25	ECH-A	1333	1	6	2251	1		2
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-A	1192	1	13	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-B	1827	1	21	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	ACCUM	0.25	ECH-B	2324	1	5	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	ACCUM	0.25	ECH-B	2325	1	5	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-B	2058	1	15	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-A	1240	1	19	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-A	1279	1	12	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-A	1357	1	30	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-A	1391	1	35	2251	1		1
HD037128	5 36 12.8	-1 12 7	HRS	WSCAN	0.25	ECH-B	2025	1	15	2251	1		1
HH1	5 36 20.8	-6 45 20	PC	IMAGE	P8	F656N		2	1200	2243	1		1
HH1	5 36 20.8	-6 45 20	PC	IMAGE	P8	F673N		2	1200	2243	1		1
HH1	5 36 20.8	-6 45 20	PC	IMAGE	P8	F502N		5	2039	2243	1		1
NGC2041	5 36 22.7	-66 58 8	WFC	IMAGE	ALL	F555W		1	100	2227	1		1
NGC2041	5 36 22.7	-66 58 8	WFC	IMAGE	ALL	F555W		1	1000	2227	1		1
NGC2041	5 36 22.7	-66 58 8	WFC	IMAGE	ALL	F785LP		1	100	2227	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC2041	5 36 22.7	-66 58 8	WFC	IMAGE	ALL	F785LP		1	1000	2227	1		1
HH2	5 36 25.9	-6 47 14	PC	IMAGE	P8	F656N		2	1200	2243	1		1
HH2	5 36 25.9	-6 47 14	PC	IMAGE	P8	F673N		2	1200	2243	1		1
HH2	5 36 25.9	-6 47 14	PC	IMAGE	P8	F502N		5	2039	2243	1		1
SK-66D172	5 37 5.6	-66 21 36	HRS	ACCUM	0.25	G140L	1350	1	307	2233	1		1
SK-66D172	5 37 5.6	-66 21 36	HRS	ACCUM	0.25	G140L	1625	1	1246	2233	1		1
SK-68D137	5 38 24.8	-68 52 33	HRS	ACCUM	0.25	G140L	1350	1	230	2233	1		1
SK-68D137	5 38 24.8	-68 52 33	HRS	ACCUM	0.25	G140L	1625	1	951	2233	1		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-A	1122	1	14	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-A	1159	1	10	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	ACCUM	0.25	ECH-A	1548	1	11	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-A	1303	1	13	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-B	1744	1	24	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-B	1807	1	16	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	ACCUM	0.25	ECH-A	1547	1	11	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	ACCUM	0.25	ECH-A	1548	1	11	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-B	2370	1	8	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	ACCUM	0.25	ECH-B	2323	1	5	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	ACCUM	0.25	ECH-A	1251	1	4	2251	2		2
HD037468	5 38 44.8	-2 36 0	HRS	ACCUM	0.25	ECH-A	1252	1	4	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	ACCUM	0.25	ECH-A	1334	1	5	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	ACCUM	0.25	ECH-A	1333	1	5	2251	2		2
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-A	1192	1	12	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-B	1827	1	19	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-B	2058	1	13	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-A	1279	1	10	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-A	1357	1	27	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-A	1391	1	31	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-B	2025	1	13	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	ACCUM	0.25	ECH-B	2324	1	5	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	ACCUM	0.25	ECH-B	2325	1	5	2251	2		1
HD037468	5 38 44.8	-2 36 0	HRS	WSCAN	0.25	ECH-A	1240	1	17	2251	2		1
LMC-SMP85-PCPOS	5 40 32.0	-66 17 5	PC	IMAGE	ALL	F547M		1	10	2266	1		1
LMC-SMP85-PCPOS	5 40 32.0	-66 17 5	PC	IMAGE	ALL	F502N		1	20	2266	1	ACQ	1
LMC-SMP85-PCPOS	5 40 32.0	-66 17 5	PC	IMAGE	ALL	F487N		1	35	2266	1		1
LMC-SMP85	5 40 33.0	-66 16 33*	FOS/RD	ACCUM	1.0	G190H	1900	1	60	2266	2		1
LMC-SMP85	5 40 33.0	-66 16 33*	FOS/BL	ACCUM	1.0	G130H	1300	1	220	2266	2		1
LMC-SMP85-OFFSET	5 40 33.0	-66 16 33	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2266	2	ACQ	1
HD37742	5 40 45.6	-1 56 33	HRS	ACCUM	0.25	ECH-A	1240	1	30	2584	1		1
HD37742	5 40 45.6	-1 56 33	HRS	ACCUM	0.25	ECH-A	1335	1	30	2584	1		1
HD37742	5 40 45.6	-1 56 33	HRS	ACCUM	0.25	ECH-A	1402	1	30	2584	1		1
HD37742	5 40 45.6	-1 56 33	HRS	ACCUM	0.25	ECH-A	1206	1	30	2584	1		1
HD37742	5 40 45.6	-1 56 33	HRS	ACCUM	0.25	ECH-A	1253	1	30	2584	1		1
HD37742	5 40 45.6	-1 56 33	HRS	ACCUM	0.25	ECH-A	1259	1	30	2584	1		1
HD37742	5 40 45.6	-1 56 33	HRS	ACCUM	0.25	ECH-A	1393	1	30	2584	1		1
HD37742	5 40 45.6	-1 56 33	HRS	ACCUM	0.25	ECH-A	1549	1	30	2584	1		1
HD37742	5 40 45.6	-1 56 33	HRS	ACCUM	0.25	ECH-B	1858	1	30	2584	1		1
LMC-SMP87-PCPOS	5 41 10.0	-72 42 13	PC	IMAGE	P8	F547M		1	1000	2266	1		1
LMC-SMP87-PCPOS	5 41 10.0	-72 42 13	PC	IMAGE	P8	F502N		1	700	2266	1	ACQ	1
LMC-SMP87-PCPOS	5 41 10.0	-72 42 13	PC	IMAGE	P8	F487N		1	1200	2266	1		1
LMC-SMP87	5 41 12.0	-72 42 13*	FOS/BL	ACCUM	1.0	G130H	1300	1	620	2266	2		1
LMC-SMP87	5 41 12.0	-72 42 13*	FOS/RD	ACCUM	1.0	G190H	1900	1	170	2266	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
LMC-SMP87-OFFSET	5 41 12.0	-72 42 13	FOS/BL	ACQ/BINA	4.3	MIRROR		1	27	2266	2	ACQ	1
3C147.0	5 42 36.1	49 51 7	PC	IMAGE	ALL	F702W		2	600	2488	1		1
NGC2090-FIELD	5 48 22.4	-34 13 37	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC2090-FIELD	5 48 22.4	-34 13 37	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC2090-FIELD	5 48 22.4	-34 13 37	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC2090-FIELD	5 48 22.4	-34 13 37	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC2090-FIELD	5 48 22.4	-34 13 37	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC2090-FIELD	5 48 22.4	-34 13 37	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC2090-FIELD	5 48 22.4	-34 13 37	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
HD39364	5 51 19.3	-20 52 45	HRS	ACCUM	2.0	G140L	1530	1	800	2238	1		1
HD39364	5 51 19.3	-20 52 45	HRS	ACCUM	0.25	G270M	2800	1	140	2238	1		1
HD39364	5 51 19.3	-20 52 45	HRS	ACCUM	0.25	G160M	1213	1	500	2238	1		1
NGC2162	6 0 27.2	-63 45 1	WFC	IMAGE	ALL	F555W		1	100	2227	1		1
NGC2162	6 0 27.2	-63 45 1	WFC	IMAGE	ALL	F555W		1	1000	2227	1		1
NGC2162	6 0 27.2	-63 45 1	WFC	IMAGE	ALL	F785LP		1	100	2227	1		1
NGC2162	6 0 27.2	-63 45 1	WFC	IMAGE	ALL	F785LP		1	1000	2227	1		1
HD41312	6 3 15.5	-26 17 4	HRS	ACCUM	2.0	G140L	1530	1	800	2238	1		1
HD41312	6 3 15.5	-26 17 4	HRS	ACCUM	0.25	G270M	2800	1	250	2238	1		1
HD41312	6 3 15.5	-26 17 4	HRS	ACCUM	0.25	G160M	1213	1	1100	2238	1		1
LMC-SMP96	6 6 3.0	-71 4 24*	FOS/BL	ACCUM	1.0	G130H	1300	1	1700	2266	2		1
LMC-SMP96	6 6 3.0	-71 4 24*	FOS/RD	ACCUM	1.0	G190H	1900	1	460	2266	2		1
LMC-SMP96-OFFSET	6 6 3.0	-71 4 24	FOS/BL	ACQ/BINA	4.3	MIRROR		1	13	2266	2	ACQ	1
LMC-SMP96-PCPOS	6 6 5.0	-71 4 20	PC	IMAGE	P8	F547M		1	1000	2266	1		1
LMC-SMP96-PCPOS	6 6 5.0	-71 4 20	PC	IMAGE	P8	F487N		1	1300	2266	1		1
LMC-SMP96-PCPOS	6 6 5.0	-71 4 20	PC	IMAGE	P8	F502N		1	750	2266	1	ACQ	1
INCA221-37-AST1	6 8 23.8	-15 35 57	FGS	POS	2	F550W		1	60	2565	1	CON PAR	1
INCA221-37-AST1	6 8 23.8	-15 35 57	FGS	POS	2	F550W		1	120	2565	1	CON PAR	1
NGC2209	6 8 51.6	-73 49 37	WFC	IMAGE	ALL	F555W		1	100	2227	1		1
NGC2209	6 8 51.6	-73 49 37	WFC	IMAGE	ALL	F555W		1	1000	2227	1		1
NGC2209	6 8 51.6	-73 49 37	WFC	IMAGE	ALL	F785LP		1	100	2227	1		1
NGC2209	6 8 51.6	-73 49 37	WFC	IMAGE	ALL	F785LP		1	1000	2227	1		1
INCA221-37-AST2	6 9 0.2	-15 37 39	FGS	POS	2	F550W		1	2	2565	1	CON PAR	1
INCA221-37	6 9 7.2	-15 42 6	PC	IMAGE	P8	F658N		1	2	2565	1	CON	1
PKS0607-158	6 9 40.9	-15 42 40	PC	IMAGE	ALL	F664N		3	600	2687	1		1
PKS0607-158	6 9 40.9	-15 42 40	PC	IMAGE	ALL	F718M		3	120	2687	1		1
0607-157INCA221-37	6 9 40.9	-15 42 40	PC	IMAGE	P8	F606W		1	60	2565	1	CON	1
0607-157INCA221-37	6 9 40.9	-15 42 40	PC	IMAGE	P8	F725LP		1	120	2565	1	CON	1
HD42933	6 10 18.0	-54 58 7	HRS	ACCUM	0.25	ECH-A36	1549	1	138	2403	1		1
HD42933	6 10 18.0	-54 58 7	HRS	ACCUM	0.25	ECH-A40	1400	1	138	2403	1		1
HD42933	6 10 18.0	-54 58 7	HRS	ACCUM	0.25	ECH-A45	1240	1	127	2403	1		1
HD42933	6 10 18.0	-54 58 7	HRS	ACCUM	0.25	ECH-A45	1258	1	116	2403	1		1
HD42933	6 10 18.0	-54 58 7	HRS	ACCUM	0.25	ECH-A40	1391	1	169	2403	1		1
HD42933	6 10 18.0	-54 58 7	HRS	ACCUM	0.25	ECH-A47	1197	1	74	2403	1		1
HD42933	6 10 18.0	-54 58 7	HRS	ACCUM	0.25	ECH-A47	1204	1	117	2403	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P7	F336W		1	4	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P5	F336W		1	4	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P6	F785LP		1	4	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P5	F439W		1	1	2579	1		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P6	F336W		1	4	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P6	F439W		1	1	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P7	F439W		1	1	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P8	F336W		1	1	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P5	F785LP		1	4	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P7	F785LP		1	4	2579	1		1
WD0612+177	6 15 18.4	17 43 45	PC	IMAGE	P8	F785LP		1	4	2579	1		1
MRK3	6 15 36.3	71 2 15	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK3	6 15 36.3	71 2 15	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
ESO-0614-2121	6 16 22.3	-21 22 16	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0614-2121	6 16 22.3	-21 22 16	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
HD44743	6 22 41.9	-17 57 22	HRS	ACCUM	0.25	MIRROR-A1		1	0	2536	1		1
HD44743	6 22 41.9	-17 57 22	HRS	ACCUM	0.25	ECH-A	1198	9	3	2536	1		1
HD44743	6 22 41.9	-17 57 22	HRS	ACCUM	0.25	G140M	1203	9	3	2536	1		1
HD44743	6 22 41.9	-17 57 22	HRS	ACCUM	0.25	ECH-A	1250	4	8	2536	1		1
HD44743	6 22 41.9	-17 57 22	HRS	ACCUM	0.25	ECH-A	1213	4	37	2536	1		1
HD44743	6 22 41.9	-17 57 22	HRS	ACCUM	0.25	ECH-A	1188	9	7	2536	1		1
HD44743	6 22 41.9	-17 57 22	HRS	ACCUM	0.25	ECH-A	1332	1	18	2536	1		1
HD44743	6 22 41.9	-17 57 22	HRS	ACCUM	0.25	ECH-A	1204	4	22	2536	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-A	1159	1	12	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	ACCUM	0.25	ECH-A	1548	1	13	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-A	1303	1	15	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-B	1744	1	28	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-B	1807	1	19	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	ACCUM	0.25	ECH-A	1547	1	13	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	ACCUM	0.25	ECH-A	1548	1	13	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-A	1122	1	16	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-B	2370	1	10	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	ACCUM	0.25	ECH-B	2323	1	6	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	ACCUM	0.25	ECH-A	1251	1	5	2251	1		2
HD044743	6 22 42.0	-17 57 22	HRS	ACCUM	0.25	ECH-A	1252	1	5	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-A	1192	1	14	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-B	2058	1	15	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-A	1279	1	12	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-A	1391	1	36	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-B	2025	1	15	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	ACCUM	0.25	ECH-A	1334	1	6	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	ACCUM	0.25	ECH-A	1333	1	6	2251	1		2
HD044743	6 22 42.0	-17 57 22	HRS	ACCUM	0.25	ECH-B	2324	1	6	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	ACCUM	0.25	ECH-B	2325	1	6	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-B	1827	1	22	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-A	1240	1	20	2251	1		1
HD044743	6 22 42.0	-17 57 22	HRS	WSCAN	0.25	ECH-A	1357	1	31	2251	1		1
A0620-00	6 22 44.5	-0 20 45	FOS/BL	ACQ/BINA	4.3	MIRROR		1	100	2334	1	ACQ	1
A0620-00	6 22 44.5	-0 20 45	FOS/BL	RAPID	1.0	PRISM	3650	1	180	2334	1		2
A0620-00	6 22 44.5	-0 20 45	FOS/BL	RAPID	1.0	G160L	1837	1	3240	2334	1		1
HD46223	6 32 9.3	4 49 24	HRS	ACCUM	0.25	ECH-A36	1549	1	176	2492	1		1
HD46223	6 32 9.3	4 49 24	HRS	ACCUM	0.25	ECH-A45	1238	1	1661	2492	1		1
HD46485	6 33 51.0	4 31 32	HRS	ACCUM	0.25	ECH-A36	1549	1	176	2492	1		1
HD46485	6 33 51.0	4 31 32	HRS	ACCUM	0.25	ECH-A45	1238	1	1245	2492	1		1
H0631+1044	6 33 51.3	10 41 33	HRS	ACCUM	2.0	G140L	1288	1	900	2593	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
STAR-0633+1746	6 33 54.0	17 46 11	FOC/96	IMAGE	512X512	F430W		1	4000	2525	1		1
STAR-0633+1746	6 33 54.0	17 46 11	FOC/96	IMAGE	512X512	F320W		1	8540	2525	1		1
PKS0637-75	6 35 46.5	-75 16 17	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS0637-75	6 35 46.5	-75 16 17	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS0637-75	6 35 46.5	-75 16 17	FOS/BL	ACCUM	1.0	G160L	1837	1	492	2424	2		1
PKS0637-75	6 35 46.5	-75 16 17	FOS/RD	ACCUM	1.0	G270H	2753	1	234	2424	2		1
PKS0637-75	6 35 46.5	-75 16 17	FOS/RD	ACCUM	1.0	G190H	1980	1	1068	2424	2		1
PKS634-205	6 36 32.3	-20 34 54	PC	IMAGE	ALL	F675W		1	3500	2456	1		1
PKS634-205	6 36 32.3	-20 34 54	PC	IMAGE	ALL	F785LP		1	3400	2456	1		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-A	1159	1	23	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-A	1303	1	30	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-B	1744	1	54	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-B	1807	1	36	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-B	2370	1	19	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	ACCUM	0.25	ECH-A	1548	1	25	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-A	1122	1	31	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	ACCUM	0.25	ECH-A	1547	1	25	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	ACCUM	0.25	ECH-A	1548	1	25	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	ACCUM	0.25	ECH-B	2323	1	11	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	ACCUM	0.25	ECH-A	1251	1	10	2251	2		2
HD047839	6 40 58.7	9 53 45	HRS	ACCUM	0.25	ECH-A	1252	1	10	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-A	1192	1	27	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-B	1827	1	42	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-B	2058	1	30	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-A	1240	1	38	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-A	1279	1	23	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-A	1357	1	60	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-B	2025	1	30	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	ACCUM	0.25	ECH-A	1334	1	12	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	ACCUM	0.25	ECH-A	1333	1	12	2251	2		2
HD047839	6 40 58.7	9 53 45	HRS	ACCUM	0.25	ECH-B	2324	1	11	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	ACCUM	0.25	ECH-B	2325	1	11	2251	2		1
HD047839	6 40 58.7	9 53 45	HRS	WSCAN	0.25	ECH-A	1391	1	69	2251	2		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	MIRROR-A1		1	0	2461	1		2
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	G140M	1203	1	30	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	G140M	1253	1	8	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	G160M	1344	1	3	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	ECH-A	1653	2	112	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	ECH-A	1198	3	547	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	ECH-A	1250	2	129	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	ECH-B	2805	4	43	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	ECH-B	2854	4	14	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	ECH-B	2345	3	14	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	ECH-B	2581	3	28	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	ECH-A	1188	4	460	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	ECH-A	1332	2	43	2461	1		1
HD48915	6 45 8.9	-16 42 58	HRS	ACCUM	0.25	ECH-B	2596	3	57	2461	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P5	F439W		1	0	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P6	F439W		1	0	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P7	F439W		1	0	2579	1		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P7	F555W		1	1	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P8	F336W		1	0	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P8	F555W		1	1	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P5	F785LP		1	1	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P6	F785LP		1	0	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P8	F785LP		1	1	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P5	F336W		1	1	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P6	F336W		1	1	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P7	F336W		1	1	2579	1		1
WD0644+375	6 47 37.3	37 31 9	PC	IMAGE	P7	F785LP		1	1	2579	1		1
STPUPPIS	6 48 56.4	-37 16 34	HRS	ACCUM	2.0	G200M	1900	4	1050	2258	1		4
STPUPPIS	6 48 56.4	-37 16 34	HRS	ACCUM	2.0	G140L	1505	1	540	2258	1		4
4C41.17	6 50 52.4	41 30 31	PC	IMAGE	ALL	F569W		3	2300	2438	1		1
4C41.17	6 50 52.4	41 30 31	PC	IMAGE	ALL	F702W		3	2300	2438	1		1
HD50896	6 54 13.0	-23 55 42	HRS	ACCUM	0.25	ECH-A45	1238	1	381	2492	1		1
3C171.0	6 55 14.9	54 8 59	PC	IMAGE	ALL	F547M		1	600	2488	1		1
3C171.0	6 55 14.9	54 8 59	PC	IMAGE	ALL	F648M		1	600	2488	1		1
HD52089	6 58 37.5	-28 58 20	HRS	ACCUM	0.25	MIRROR-A1		1	0	2536	1		1
HD52089	6 58 37.5	-28 58 20	HRS	ACCUM	0.25	G140M	1203	9	3	2536	1		1
HD52089	6 58 37.5	-28 58 20	HRS	ACCUM	0.25	ECH-A	1188	9	11	2536	1		1
HD52089	6 58 37.5	-28 58 20	HRS	ACCUM	0.25	ECH-A	1198	9	3	2536	1		1
HD52089	6 58 37.5	-28 58 20	HRS	ACCUM	0.25	ECH-A	1213	4	47	2536	1		1
HD52089	6 58 37.5	-28 58 20	HRS	ACCUM	0.25	ECH-A	1204	4	22	2536	1		1
UGC-3528	7 2 27.7	86 34 46	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-3528	7 2 27.7	86 34 46	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
3C175	7 13 2.4	11 46 15	FOS/RD	ACCUM	1.0	G400H	4000	1	360	2578	1		1
3C175	7 13 2.4	11 46 15	FOS/RD	ACCUM	1.0	G190H	1900	1	1500	2578	1		1
3C175	7 13 2.4	11 46 15	FOS/RD	ACCUM	1.0	G270H	2700	1	570	2578	1		1
3C175	7 13 2.4	11 46 15	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
INCA221-40	7 16 14.5	-33 46 29	FGS	POS	2	F583W		1	51	2860	1		2
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-B	2324	1	12	2251	2		2
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-A	1159	1	26	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-B	1807	1	40	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-B	2323	1	12	2251	2		3
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-B	2325	1	12	2251	2		2
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-A	1548	1	28	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-A	1122	1	35	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-A	1303	1	33	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-B	1744	1	60	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-B	2370	1	21	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-A	1547	1	28	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-A	1548	1	28	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-A	1251	1	11	2251	2		2
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-A	1252	1	11	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-A	1334	1	13	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-A	1333	1	13	2251	2		2
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-B	2324	1	12	2251	2		2
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-B	2323	1	12	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	ACCUM	0.25	ECH-B	2325	1	12	2251	2		2
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-B	1827	1	47	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-A	1279	1	26	2251	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-A	1192	1	30	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-B	2058	1	33	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-A	1240	1	42	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-A	1357	1	67	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-A	1391	1	77	2251	2		1
HD057061	7 18 42.5	-24 57 15	HRS	WSCAN	0.25	ECH-B	2025	1	33	2251	2		1
POINT0716+714INCA221 -40	7 21 10.2	71 31 22	S/C	POINTING	V1			1	0	2860	1		1
0716+714INCA221-40	7 21 53.4	71 20 36	FGS	POS	2	F583W		1	51	2860	1		3
3C181.0	7 28 10.2	14 37 36	PC	IMAGE	ALL	F702W		1	720	2488	1		1
G107-70	7 30 47.4	48 10 26	WFC	IMAGE	ANY	F469N		1	1	2593	1		1
G107-70	7 30 47.4	48 10 26	WFC	IMAGE	ANY	F658N		1	1	2593	1		1
G107-70	7 30 47.4	48 10 26	WFC	IMAGE	ANY	F1083N		1	1	2593	1		1
G88-42	7 35 54.6	19 12 14	FGS	POS	PRIME	F583W		1	50	2428	1		34
G88-42	7 35 54.6	19 12 14	FGS	POS	PRIME	F583W		1	50	2428	2		34
G88-42	7 35 54.6	19 12 14	FGS	POS	PRIME	F583W		1	50	2428	3		14
G88-42	7 35 54.6	19 12 14	FGS	TRANS	PRIME	F583W		1	10	2428	1		1
ESO-0736-6925	7 36 20.9	-69 32 6	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0736-6925	7 36 20.9	-69 32 6	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
ESO-0735-4731	7 36 28.2	-47 38 15	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0735-4731	7 36 28.2	-47 38 15	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC2403-PAR1	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F547M		1	600	2356	1	SEL PAR	1
NGC2403-PAR1	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F656N		1	2000	2356	1	SEL PAR	1
NGC2403-PAR1	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F547M		1	600	2356	1	CON SEL PAR	1
NGC2403-PAR1	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F656N		1	2000	2356	1	CON SEL PAR	1
NGC2403-PAR1	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F673N		1	2400	2356	1	CON SEL PAR	1
NGC2403-PAR1	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F502N		1	2325	2356	1	SEL PAR	1
NGC2403-PAR1	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F673N		1	2325	2356	1	SEL PAR	1
NGC2403-PAR2	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F547M		1	600	2356	1	SEL PAR	1
NGC2403-PAR2	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F656N		1	2000	2356	1	SEL PAR	1
NGC2403-PAR2	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F547M		1	600	2356	1	CON SEL PAR	1
NGC2403-PAR2	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F656N		1	2000	2356	1	CON SEL PAR	1
NGC2403-PAR2	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F673N		1	2400	2356	1	CON SEL PAR	1
NGC2403-PAR2	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F502N		1	2325	2356	1	SEL PAR	1
NGC2403-PAR2	7 36 50.0	65 36 16	WFC	IMAGE	ALL	F673N		1	2325	2356	1	SEL PAR	1
NGC2403-FIELD	7 36 54.5	65 35 59	WFC	IMAGE	ALL	F336W		1	600	2227	1		4
NGC2403-FIELD	7 36 54.5	65 35 59	WFC	IMAGE	ALL	F555W		1	600	2227	1		26
NGC2403-FIELD	7 36 54.5	65 35 59	WFC	IMAGE	ALL	F785LP		1	600	2227	1		8
NGC2403-FIELD	7 36 54.5	65 35 59	FOC/48	IMAGE	512X1024	F150W		1	600	2227	1	PAR	24
NGC2403-FIELD	7 36 54.5	65 35 59	FOC/48	IMAGE	512X1024	F430W		1	600	2227	1	PAR	6
NGC2403-FIELD	7 36 54.5	65 35 59	FOC/48	IMAGE	512X1024	F150W		2	600	2227	1	PAR	2
NGC2403-FIELD	7 36 54.5	65 35 59	FOC/48	IMAGE	512X1024	F430W		2	600	2227	1	PAR	2
MARK9-PCPOS	7 37 0.1	58 46 1	PC	IMAGE	ALL	F284W		1	60	2076	1	ACQ	1
MARK9-PCPOS	7 37 0.1	58 46 1	PC	IMAGE	ALL	F284W		1	300	2076	1	ACQ	1
MARK9-PCPOS	7 37 0.1	58 46 1	PC	IMAGE	ALL	F517N		1	30	2076	1	ACQ	1
MARK9-PCPOS	7 37 0.1	58 46 1	PC	IMAGE	ALL	F517N		1	300	2076	1	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MARK9-PCPOS	7 37 0.1	58 46 1	PC	IMAGE	ALL	F588N		1	30	2076	1	ACQ	1
MARK9-PCPOS	7 37 0.1	58 46 1	PC	IMAGE	ALL	F588N		1	600	2076	1	ACQ	1
MARK9	7 37 3.2	58 45 48*	FOS/BL	ACCUM	0.5	G130H	1380	1	4200	2076	1		1
MARK9	7 37 3.2	58 45 48*	FOS/BL	ACCUM	0.5	G190H	1954	1	1320	2076	1		1
MARK9	7 37 3.2	58 45 48*	FOS/RD	ACCUM	0.5	G270H	2753	1	660	2076	1		1
MARK9	7 37 3.2	58 45 48*	FOS/RD	ACCUM	0.5	G400H	4013	1	840	2076	1		1
MARK9-OFFSET	7 37 3.2	58 45 48	FOS/BL	ACQ/BINA	4.3	MIRROR		1	3	2076	1	ACQ	1
NGC2419	7 38 14.6	38 50 49	PC	IMAGE	ALL	F555W		1	30	2559	1		2
NGC2419	7 38 14.6	38 50 49	PC	IMAGE	ALL	F791W		1	30	2559	1		2
NGC2419	7 38 14.6	38 50 49	PC	IMAGE	ALL	F555W		1	2340	2559	1		3
NGC2419	7 38 14.6	38 50 49	PC	IMAGE	ALL	F791W		1	2340	2559	1		3
ALPHA-C-MI-B	7 39 18.1	5 13 30	WFC	IMAGE	W4	F8ND		1	0	2593	1	ACQ	1
ALPHA-C-MI-B	7 39 18.1	5 13 30	WFC	IMAGE	ALL-ND	F469N		1	0	2593	1		1
ALPHA-C-MI-B	7 39 18.1	5 13 30	WFC	IMAGE	ALL-ND	F631N		1	0	2593	1		1
ALPHA-C-MI-B	7 39 18.1	5 13 30	WFC	IMAGE	ALL-ND	F656N		1	0	2593	1		1
ALPHA-C-MI-B	7 39 18.1	5 13 30	WFC	IMAGE	ALL-ND	F673N		1	0	2593	1		1
ALPHA-C-MI-B	7 39 18.1	5 13 30	WFC	IMAGE	ALL-ND	F1083N		1	0	2593	1		1
L745-46A	7 40 20.8	-17 24 48	FOS/BL	ACQ/BINA	4.3	MIRROR		1	4	2593	1	ACQ	1
L745-46A	7 40 20.8	-17 24 48	FOS/BL	ACCUM	1.0	G130H	1380	1	1578	2593	1		1
L745-46A	7 40 20.8	-17 24 48	FOS/BL	ACCUM	1.0	G190H	1944	1	816	2593	1		1
L745-46A	7 40 20.8	-17 24 48	FOS/BL	ACCUM	1.0	G270H	2700	1	155	2593	1		1
OI363	7 41 10.7	31 11 59	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
OI363	7 41 10.7	31 11 59	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
OI363	7 41 10.7	31 11 59	FOS/BL	ACCUM	1.0	G160L	1837	1	456	2424	3		1
OI363	7 41 10.7	31 11 59	FOS/RD	ACCUM	1.0	G270H	2753	1	474	2424	3		1
OI363	7 41 10.7	31 11 59	FOS/RD	ACCUM	1.0	G190H	1980	1	1416	2424	3		1
MARK78-SOUTH	7 42 41.7	65 10 37*	FOC/48	SPEC	512X1024-SLIT	G450M	4400	1	2400	2493	1		1
MARK78-IMAGE	7 42 41.7	65 10 38	PC	IMAGE	P7	F588N	5880	1	800	2493	1		1
MARK78-IMAGE	7 42 41.7	65 10 38	PC	IMAGE	P7	F517N	5171	1	800	2493	1		1
MARK78-NUC	7 42 41.7	65 10 38	FOC/48	SPEC	512X1024-SLIT	G450M	4400	1	2400	2493	1		1
MARK78-NORTH	7 42 41.7	65 10 38*	FOC/48	SPEC	512X1024-SLIT	G450M	4400	1	2400	2493	1		1
3C186.0	7 44 17.4	37 53 18	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C186.0	7 44 17.4	37 53 18	FOS/BL	ACCUM	1.0	G160L	1837	1	1104	2424	3		1
3C186	7 44 17.5	37 53 17	FOS/RD	ACCUM	1.0	G400H	4000	1	780	2578	1		1
3C186	7 44 17.5	37 53 17	FOS/RD	ACCUM	1.0	G270H	2700	1	900	2578	1		1
3C186	7 44 17.5	37 53 17	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
B20742+31	7 45 41.6	31 42 56	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
B20742+31	7 45 41.6	31 42 56	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
B20742+31	7 45 41.6	31 42 56	FOS/RD	ACCUM	1.0	G270H	2753	1	246	2424	3		1
B20742+31	7 45 41.6	31 42 56	FOS/BL	ACCUM	1.0	G130H	1379	1	11550	2424	3		1
B20742+31	7 45 41.6	31 42 56	FOS/RD	ACCUM	1.0	G190H	1980	1	1362	2424	3		1
OI-287	7 52 37.1	25 42 39	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2123	1	ACQ	1
OI-287	7 52 37.1	25 42 39	FOS/RD	ACCUM	0.5	G190H	1900	1	2279	2123	1		1
PC0751+5623	7 55 42.6	56 15 9	WFC	IMAGE	ALL	F702W		1	200	2350	1		1
PC0751+5623	7 55 42.6	56 15 9	WFC	IMAGE	ALL	F702W		1	800	2350	1		1
IRAS07598+6508	8 4 30.4	64 59 52	PC	IMAGE	P8	F439W		1	200	2616	1		1
IRAS07598+6508	8 4 30.4	64 59 52	PC	IMAGE	P8	F439W		1	2000	2616	1		1
IRAS07598+6508	8 4 30.4	64 59 52	PC	IMAGE	P8	F675W		1	200	2616	1		1
IRAS07598+6508	8 4 30.4	64 59 52	PC	IMAGE	P8	F675W		1	2000	2616	1		1
IRAS07598+6508	8 4 30.4	64 59 52	PC	IMAGE	P8	F850LP		1	200	2616	1		1
IRAS07598+6508	8 4 30.4	64 59 52	PC	IMAGE	P8	F850LP		1	2000	2616	1		1
0802+163	8 5 2.2	16 14 5	PC	IMAGE	ALL	F555W		1	200	2350	1		1

Fixed Targets

Target	RA(2ØØØ)	Dec(2ØØØ)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
Ø8Ø2+163	8 5 2.2	16 14 5	PC	IMAGE	ALL	F555W		1	8ØØ	235Ø	1		1
OJ5Ø8	8 8 39.6	49 5Ø 37	WFC	IMAGE	ALL	F785LP		1	5ØØ	2425	1		1
OJ5Ø8	8 8 39.6	49 5Ø 37	WFC	IMAGE	ALL	F785LP		1	24ØØ	2425	1		1
NGC2541-FIELD	8 14 36.Ø	49 5 45	WFC	IMAGE	ALL	F336W		1	25ØØ	2227	1		2
NGC2541-FIELD	8 14 36.Ø	49 5 45	WFC	IMAGE	ALL	F555W		1	25ØØ	2227	1		13
NGC2541-FIELD	8 14 36.Ø	49 5 45	WFC	IMAGE	ALL	F785LP		1	25ØØ	2227	1		4
NGC2541-FIELD	8 14 36.Ø	49 5 45	FOC/48	IMAGE	512X1Ø24	F15ØW		1	25ØØ	2227	1	PAR	12
NGC2541-FIELD	8 14 36.Ø	49 5 45	FOC/48	IMAGE	512X1Ø24	F43ØW		1	25ØØ	2227	1	PAR	3
NGC2541-FIELD	8 14 36.Ø	49 5 45	FOC/48	IMAGE	512X1Ø24	F15ØW		2	25ØØ	2227	1	PAR	1
NGC2541-FIELD	8 14 36.Ø	49 5 45	FOC/48	IMAGE	512X1Ø24	F43ØW		2	25ØØ	2227	1	PAR	1
VV-PUP	8 15 6.7	-19 3 17	HSP/VIS	PRISM	1.Ø	F551W/F24ØW		1	1741	266Ø	1		1
Ø818-128INCA221-44	8 2Ø 57.4	-12 58 59	FGS	POS	2	F583W		1	51	286Ø	1		3
INCA221-44	8 21 12.4	-12 49 35	FGS	POS	2	F583W		1	51	286Ø	1		2
POINTØ818-128INCA221-44	8 21 45.5	-12 58 28	S/C	POINTING	V1			1	Ø	286Ø	1		1
POINTØ826-373INCA221-45	8 27 17.4	-37 38 5Ø	S/C	POINTING	V1			1	Ø	286Ø	1		1
Ø826-373INCA221-45	8 28 4.8	-37 31 6	FGS	POS	2	F583W		1	51	286Ø	1		3
INCA221-45	8 28 12.3	-37 43 49	FGS	POS	2	F583W		1	51	286Ø	1		2
HD72Ø89	8 29 7.Ø	-45 33 27	HRS	ACCUM	2.Ø	ECH-B	18Ø8	1	159	2348	1		1
HD72Ø89	8 29 7.Ø	-45 33 27	HRS	ACCUM	2.Ø	ECH-A	1251	1	26Ø	2348	1		1
HD72Ø89	8 29 7.Ø	-45 33 27	HRS	ACCUM	2.Ø	ECH-A	13Ø3	1	26Ø	2348	1		1
HD72Ø89	8 29 7.Ø	-45 33 27	HRS	ACCUM	2.Ø	ECH-A	16Ø9	1	3Ø3	2348	1		1
HD72Ø89	8 29 7.Ø	-45 33 27	HRS	ACCUM	2.Ø	ECH-B	1858	1	216	2348	1		1
HD72Ø89	8 29 7.Ø	-45 33 27	HRS	ACCUM	2.Ø	ECH-A	1672	3	159	2348	1		1
HD72127B	8 29 27.5	-44 43 26*	HRS	ACCUM	Ø.25	ECH-A	124Ø	1	4ØØ	2347	1		1
HD72127B	8 29 27.5	-44 43 26*	HRS	ACCUM	Ø.25	ECH-A	1477	1	12Ø	2347	1		1
HD72127B	8 29 27.5	-44 43 26*	HRS	ACCUM	Ø.25	ECH-A	13Ø3	1	17Ø	2347	1		1
HD72127B	8 29 27.5	-44 43 26*	HRS	ACCUM	Ø.25	ECH-A	155Ø	1	189	2347	1		1
HD72127B	8 29 27.5	-44 43 26*	HRS	ACCUM	Ø.25	ECH-A	1559	1	12Ø	2347	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-A	1122	1	9Ø	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	ACCUM	Ø.25	ECH-A	1548	1	72	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-A	1159	1	67	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-A	13Ø3	1	85	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-B	1744	1	153	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-B	237Ø	1	54	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-B	18Ø7	1	1Ø3	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	ACCUM	Ø.25	ECH-A	1547	1	72	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	ACCUM	Ø.25	ECH-A	1548	1	72	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	ACCUM	Ø.25	ECH-B	2323	1	33	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	ACCUM	Ø.25	ECH-A	1251	1	28	2251	1		2
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	ACCUM	Ø.25	ECH-A	1252	1	28	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	ACCUM	Ø.25	ECH-A	1334	1	34	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	ACCUM	Ø.25	ECH-A	1333	1	34	2251	1		2
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	ACCUM	Ø.25	ECH-B	2324	1	33	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	ACCUM	Ø.25	ECH-B	2325	1	33	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-A	1192	1	76	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-B	2Ø58	1	85	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-B	1827	1	121	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-A	124Ø	1	1Ø8	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-A	1279	1	67	2251	1		1
HDØ72127	8 29 27.5	-44 43 3Ø	HRS	WSCAN	Ø.25	ECH-A	1357	1	171	2251	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD072127	8 29 27.5	-44 43 30	HRS	WSCAN	0.25	ECH-A	1391	1	198	2251	1		1
HD072127	8 29 27.5	-44 43 30	HRS	WSCAN	0.25	ECH-B	2025	1	85	2251	1		1
HD72127A	8 29 27.6	-44 43 31	HRS	ACCUM	0.25	ECH-A	1550	1	60	2347	1		1
HD72127A	8 29 27.6	-44 43 31	HRS	ACCUM	0.25	ECH-A	1240	1	170	2347	1		1
HD72127A	8 29 27.6	-44 43 31	HRS	ACCUM	2.0	ECH-B	1808	1	86	2348	1		1
HD72127A	8 29 27.6	-44 43 31	HRS	ACCUM	0.25	ECH-A	1477	1	30	2347	1		1
HD72127A	8 29 27.6	-44 43 31	HRS	ACCUM	0.25	ECH-A	1303	1	55	2347	1		1
HD72127A	8 29 27.6	-44 43 31	HRS	ACCUM	2.0	ECH-A	1251	1	72	2348	1		1
HD72127A	8 29 27.6	-44 43 31	HRS	ACCUM	2.0	ECH-A	1303	1	72	2348	1		1
HD72127A	8 29 27.6	-44 43 31	HRS	ACCUM	0.25	ECH-A	1559	1	30	2347	1		1
HD72127A	8 29 27.6	-44 43 31	HRS	ACCUM	2.0	ECH-A	1609	1	158	2348	1		1
HD72127A	8 29 27.6	-44 43 31	HRS	ACCUM	2.0	ECH-A	1672	1	230	2348	1		1
HD72127A	8 29 27.6	-44 43 31	HRS	ACCUM	2.0	ECH-B	1858	1	100	2348	1		1
HD72350	8 30 39.3	-44 44 14	HRS	ACCUM	2.0	ECH-B	2538	1	360	2360	1		1
HD72350	8 30 39.3	-44 44 14	HRS	ACCUM	2.0	ECH-A	1238	1	841	2360	1		1
B20827+24	8 30 52.1	24 10 59	FOS/RD	ACCUM	1.0	G400H	4000	1	600	2578	1		1
B20827+24	8 30 52.1	24 10 59	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
HD72798	8 33 1.8	-45 45 11	HRS	ACCUM	2.0	ECH-A	1238	1	674	2360	1		1
HD72798	8 33 1.8	-45 45 11	HRS	ACCUM	2.0	ECH-B	2538	1	360	2360	1		1
ESO-0831-2248	8 33 22.7	-22 58 27	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0831-2248	8 33 22.7	-22 58 27	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
US1329	8 36 58.8	44 26 1	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
US1329	8 36 58.8	44 26 1	FOS/BL	ACCUM	1.0	G130H	1379	1	4542	2424	2		1
HD73658	8 37 40.0	-46 16 58	HRS	ACCUM	2.0	ECH-A	1238	1	1180	2360	1		1
HD73658	8 37 40.0	-46 16 58	HRS	ACCUM	2.0	ECH-B	2538	1	360	2360	1		1
IC2391-1	8 38 55.7	-52 57 52	PC	IMAGE	ALL	F875M		1	2	2265	2		1
IC2391-6	8 39 53.0	-52 57 57	PC	IMAGE	ALL	F875M		1	8	2265	2		1
3C207	8 40 47.6	13 12 24	FOS/RD	ACCUM	1.0	G190H	1900	1	2400	2578	1		1
3C207	8 40 47.6	13 12 24	FOS/RD	ACCUM	1.0	G270H	2700	1	1260	2578	1		1
3C207	8 40 47.6	13 12 24	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
3C207	8 40 47.6	13 12 24	FOS/RD	ACCUM	1.0	G400H	4000	1	1019	2578	1		1
3C207.0	8 40 47.6	13 12 23	PC	IMAGE	ALL	F606W		1	600	2488	1		1
IC2391-3	8 41 25.9	-53 22 42	PC	IMAGE	ALL	F875M		1	10	2265	2		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P5	F336W		1	1	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P5	F439W		1	0	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P5	F555W		1	1	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P6	F439W		1	0	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P6	F555W		1	1	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P7	F439W		1	0	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P7	F555W		1	1	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P8	F336W		1	0	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P8	F555W		1	1	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P7	F785LP		1	0	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P6	F336W		1	0	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P7	F336W		1	0	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P5	F785LP		1	0	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P6	F785LP		1	0	2579	1		1
WD0839-327	8 41 35.9	-32 57 21	PC	IMAGE	P8	F785LP		1	0	2579	1		1
IC2391-8	8 41 39.7	-52 59 35	PC	IMAGE	ALL	F875M		1	16	2265	2		1
IC2391-7	8 41 52.1	-53 6 46	PC	IMAGE	ALL	F875M		1	10	2265	2		1
CBS-78	8 41 55.0	37 23 15	FOS/RD	ACCUM	1.0	G270H	2700	1	600	2593	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
CBS-78	8 41 55.0	37 23 15	FOS/RD	ACCUM	1.0	G190H	1944	1	900	2593	2		1
IC2391-9	8 41 57.8	-52 52 14	PC	IMAGE	ALL	F875M		1	18	2265	2		1
HD74455A	8 42 16.1	-48 5 57	HRS	ACCUM	0.25	G160M	1226	1	1146	2344	1		1
HD74455B	8 42 16.1	-48 5 56*	HRS	ACCUM	0.25	ECH-B	2799	1	144	2347	1		1
HD74455B	8 42 16.1	-48 5 56*	HRS	ACCUM	0.25	ECH-B	2596	1	189	2347	1		1
HD74455A	8 42 16.1	-48 5 57	HRS	ACCUM	0.25	ECH-B	2596	1	40	2347	1		1
HD74455A	8 42 16.1	-48 5 57	HRS	ACCUM	0.25	ECH-B	2799	1	40	2347	1		1
IC2391-10	8 42 18.5	-53 1 57	PC	IMAGE	ALL	F875M		1	18	2265	2		1
IC2391-2	8 42 46.6	-53 1 2	PC	IMAGE	ALL	F875M		1	2	2265	2		1
IC2391-4	8 43 27.8	-52 57 38	PC	IMAGE	ALL	F875M		1	26	2265	2		1
IC2391-5	8 43 27.8	-52 57 38	PC	IMAGE	ALL	F875M		1	26	2265	2		1
NGC2639	8 43 37.8	50 12 19	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
NGC2639	8 43 37.8	50 12 19	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
0844+349	8 47 42.5	34 45 4	HRS	ACCUM	2.0	G160M	1562	3	490	2553	1		1
TON951	8 47 42.5	34 45 4	FOS/BL	ACQ/BINA	4.3	MIRROR		1	3	2717	1	ACQ	1
TON951	8 47 42.5	34 45 4	FOS/BL	ACCUM	0.5	G270H	2769	1	600	2717	1		1
TON951	8 47 42.5	34 45 4	FOS/BL	ACCUM	0.5	G130H	1379	1	1800	2717	1		1
UGC-4619	8 49 21.8	19 4 24	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-4619	8 49 21.8	19 4 24	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
0846+51W1	8 49 58.0	51 8 29	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
0846+51W1	8 49 58.0	51 8 29	FOS/BL	ACCUM	1.0	G160L	1837	1	522	2424	2		1
HD75821A	8 50 33.5	-46 31 45	HRS	ACCUM	0.25	G160M	1550	1	100	2347	1		1
HD75821A	8 50 33.5	-46 31 45	HRS	ACCUM	0.25	G160M	1253	1	40	2347	1		1
HD75821A	8 50 33.5	-46 31 45	HRS	ACCUM	2.0	G160M	1226	1	360	2344	1		1
HD75821B	8 50 33.8	-46 31 45*	HRS	ACCUM	0.25	G160M	1253	1	250	2347	1		1
HD75821B	8 50 33.8	-46 31 45*	HRS	ACCUM	0.25	G160M	1550	1	189	2347	1		1
M67-I17	8 51 8.4	11 47 21	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	2607	1	ACQ	1
M67-I17	8 51 8.4	11 47 21	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	60	2607	1		1
M67-I17	8 51 8.4	11 47 21	FOS/RD	ACCUM	0.25-PAIR	G400H	4000	1	60	2607	1		1
M67-I17	8 51 8.4	11 47 21	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	60	2607	1		1
M67-I17	8 51 8.4	11 47 21	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	60	2607	1		1
UGC-4638	8 51 38.0	-2 22 1	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-4638	8 51 38.0	-2 22 1	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
1E0849+2845	8 52 6.4	28 33 57	PC	IMAGE	ALL	F555W		1	200	2350	1		1
1E0849+2845	8 52 6.4	28 33 57	PC	IMAGE	ALL	F555W		1	800	2350	1		1
UGC-4641	8 52 40.5	33 25 0	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-4641	8 52 40.5	33 25 0	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
1E0850+2828	8 53 3.1	28 16 45	PC	IMAGE	ALL	F555W		1	200	2350	1		1
1E0850+2828	8 53 3.1	28 16 45	PC	IMAGE	ALL	F555W		1	800	2350	1		1
3C208.0	8 53 8.6	13 52 54	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C208.0	8 53 8.6	13 52 54	FOS/BL	ACCUM	1.0	G160L	1837	1	888	2424	3		1
1E0850+2825	8 53 18.0	28 13 54	PC	IMAGE	ALL	F555W		1	200	2350	1		1
1E0850+2825	8 53 18.0	28 13 54	PC	IMAGE	ALL	F555W		1	800	2350	1		1
US1867	8 53 34.2	43 49 1	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
US1867	8 53 34.2	43 49 1	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
US1867	8 53 34.2	43 49 1	FOS/BL	ACCUM	1.0	G160L	1837	1	498	2424	1		1
US1867	8 53 34.2	43 49 1	FOS/RD	ACCUM	1.0	G270H	2753	1	534	2424	1		1
US1867	8 53 34.2	43 49 1	FOS/RD	ACCUM	1.0	G190H	1980	1	1518	2424	1		1
INCA221-50	8 54 0.6	20 13 49	FGS	POS	2	F5ND		1	51	2860	1		2
POINT0851+202INCA221-50	8 54 47.1	20 18 17	S/C	POINTING	V1			1	0	2860	1		1
OJ287	8 54 48.8	20 6 30	PC	IMAGE	ALL	F555W		1	200	2350	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
OJ287	8 54 48.8	20 6 30	PC	IMAGE	ALL	F555W		1	800	2350	1		1
OJ287	8 54 48.8	20 6 30	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
OJ287	8 54 48.8	20 6 30	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
OJ287	8 54 48.8	20 6 30	FOS/RD	ACCUM	1.0	G190H	1980	1	894	2424	2		1
OJ287	8 54 48.8	20 6 30	FOS/RD	ACCUM	1.0	G270H	2753	1	228	2424	2		1
OJ287	8 54 48.8	20 6 30	FOS/BL	ACCUM	1.0	G130H	1379	1	6954	2424	2		1
0851+202INCA221-50	8 54 48.9	20 6 32	FGS	POS	2	F550W		1	51	2860	1		3
UGC-4666	8 55 34.5	58 43 58	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-4666	8 55 34.5	58 43 58	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
3C212.0	8 58 41.5	14 9 44	PC	IMAGE	ALL	F606W		1	1200	2488	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P8	F439W		1	10	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P5	F336W		1	46	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P5	F439W		1	19	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P5	F555W		1	5	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P6	F336W		1	43	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P6	F439W		1	21	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P8	F336W		1	18	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P5	F785LP		1	34	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P7	F785LP		1	38	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P8	F785LP		1	34	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P6	F555W		1	5	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P7	F336W		1	41	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P7	F439W		1	15	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P7	F555W		1	5	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P8	F555W		1	4	2579	1		1
WD0856+331	8 59 15.1	32 57 7	PC	IMAGE	P6	F785LP		1	32	2579	1		1
HD77581	9 2 6.9	-40 33 15	FOS/BL	RAPID	1.0	G130H	1400	1	2460	2572	1		1
HD77581	9 2 6.9	-40 33 15	FOS/BL	ACQ/PEAK	1.0	G130H	1400	1	0	2572	1	ACQ	2
TPYX	9 4 41.5	-32 22 47	PC	IMAGE	ALL-ND	F555W		1	180	2688	1		3
TPYX	9 4 41.5	-32 22 47	PC	IMAGE	ALL-ND	F469N		1	1903	2688	1		3
TPYX	9 4 41.5	-32 22 47	PC	IMAGE	ALL-ND	F487N		1	1903	2688	1		3
TPYX	9 4 41.5	-32 22 47	PC	IMAGE	ALL-ND	F502N		1	1903	2688	1		3
0902+34	9 5 30.1	34 7 57	PC	IMAGE	ALL	F547M		3	2300	2438	1		1
0902+34	9 5 30.1	34 7 57	PC	IMAGE	ALL	F702W		3	2300	2438	1		1
3C215	9 6 31.9	16 46 12	FOS/RD	ACCUM	1.0	G400H	4000	1	1140	2578	2		1
3C215	9 6 31.9	16 46 12	FOS/RD	ACCUM	1.0	G190H	1900	1	5220	2578	2		1
3C215	9 6 31.9	16 46 12	FOS/RD	ACCUM	1.0	G270H	2700	1	1440	2578	2		1
3C215	9 6 31.9	16 46 12	FOS/BL	ACQ/BINA	4.3	MIRROR		1	14	2578	2	ACQ	1
3C215	9 6 31.9	16 46 12	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
3C215	9 6 31.9	16 46 12	FOS/BL	ACCUM	1.0	G130H	1300	1	17220	2578	2		1
PKS0906+01	9 9 10.1	1 21 35	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS0906+01	9 9 10.1	1 21 35	FOS/BL	ACCUM	1.0	G160L	1837	1	1122	2424	1		1
3C216	9 9 33.5	42 53 47	FOS/RD	ACCUM	1.0	G400H	4000	1	1200	2578	2		1
3C216	9 9 33.5	42 53 47	FOS/RD	ACCUM	1.0	G190H	1900	1	2760	2578	2		1
3C216	9 9 33.5	42 53 47	FOS/RD	ACCUM	1.0	G270H	2700	1	1500	2578	2		1
3C216	9 9 33.5	42 53 47	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
ESO-0909-1954	9 11 54.7	-20 7 4	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0909-1954	9 11 54.7	-20 7 4	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
HD80007	9 13 12.1	-69 43 2	HRS	ACCUM	0.25	MIRROR-A1		1	2	2537	1		1
HD80007	9 13 12.1	-69 43 2	HRS	ACCUM	0.25	G160M	1859	1	80	2537	1		1
HD80007	9 13 12.1	-69 43 2	HRS	ACCUM	0.25	ECH-A	1859	1	720	2537	1		1
HD80007	9 13 12.1	-69 43 2	HRS	ACCUM	0.25	ECH-B	2854	1	54	2537	1		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD80007	9 13 12.1	-69 43 2	HRS	ACCUM	0.25	ECH-A	1547	1	720	2537	1		1
HD80007	9 13 12.1	-69 43 2	HRS	ACCUM	0.25	ECH-B	2345	1	216	2537	1		1
HD80007	9 13 12.1	-69 43 2	HRS	ACCUM	0.25	ECH-A	1667	1	968	2537	1		1
HD80007	9 13 12.1	-69 43 2	HRS	ACCUM	0.25	ECH-B	2596	1	930	2537	1		1
PC0910+5625	9 14 37.9	56 13 22	WFC	IMAGE	ALL	F702W		1	200	2350	1		1
PC0910+5625	9 14 37.9	56 13 22	WFC	IMAGE	ALL	F702W		1	800	2350	1		1
ESO-0915-2208	9 17 52.3	-22 21 20	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0915-2208	9 17 52.3	-22 21 20	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
UGC-4936	9 20 20.0	64 6 10	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-4936	9 20 20.0	64 6 10	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC2841UB3	9 22 1.6	50 58 30	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
NGC2841UB3	9 22 1.6	50 58 30	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
NGC2841UB3	9 22 1.6	50 58 30	FOS/BL	ACCUM	1.0	G160L	1837	1	576	2424	3		1
NGC2841UB3	9 22 1.6	50 58 30	FOS/RD	ACCUM	1.0	G270H	2753	1	576	2424	3		1
NGC2841UB3	9 22 1.6	50 58 30	FOS/RD	ACCUM	1.0	G190H	1980	1	1674	2424	3		1
NGC2841	9 22 2.7	50 58 35	PC	IMAGE	ALL	F555W		1	30	2600	2		1
NGC2841	9 22 2.7	50 58 35	PC	IMAGE	ALL	F555W		1	300	2600	2		1
NGC2841	9 22 2.7	50 58 35	PC	IMAGE	ALL	F785LP		1	23	2600	2		1
NGC2841	9 22 2.7	50 58 35	PC	IMAGE	ALL	F785LP		1	230	2600	2		1
2S0921-630	9 22 34.7	-63 17 39	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2248	1	ACQ	1
2S0921-630	9 22 34.7	-63 17 39	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2248	1	ACQ	1
2S0921-630	9 22 34.7	-63 17 39	FOS/RD	ACCUM	1.0	G190H	1980	1	700	2248	1		1
2S0921-630	9 22 34.7	-63 17 39	FOS/BL	ACCUM	1.0	G130H	1379	1	1100	2248	1		1
2S0921-630	9 22 34.7	-63 17 39	FOS/RD	ACCUM	1.0	G270H	2755	1	240	2248	1		1
PKS0922+14	9 25 7.3	14 44 25	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS0922+14	9 25 7.3	14 44 25	FOS/BL	ACCUM	1.0	G160L	1837	1	1080	2424	2		1
B20923+39	9 27 3.0	39 2 21	FOS/RD	ACCUM	1.0	G400H	4000	1	840	2578	1		1
B20923+39	9 27 3.0	39 2 21	FOS/RD	ACCUM	1.0	G190H	1900	1	1980	2578	1		1
B20923+39	9 27 3.0	39 2 21	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
B20923+39	9 27 3.0	39 2 21	FOS/RD	ACCUM	1.0	G270H	2700	1	1019	2578	1		1
PKS0925-203	9 27 51.9	-20 34 51	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS0925-203	9 27 51.9	-20 34 51	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS0925-203	9 27 51.9	-20 34 51	FOS/RD	ACCUM	1.0	G270H	2753	1	618	2424	3		1
PKS0925-203	9 27 51.9	-20 34 51	FOS/BL	ACCUM	1.0	G130H	1379	1	13068	2424	3		1
PKS0925-203	9 27 51.9	-20 34 51	FOS/RD	ACCUM	1.0	G190H	1980	1	1692	2424	3		1
ESO-0931-3248	9 33 21.2	-33 2 4	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0931-3248	9 33 21.2	-33 2 4	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
IZWICKY18	9 34 1.9	55 14 51	PC	IMAGE	ALL	F194W		1	3000	2416	1		1
IZWICKY18	9 34 1.9	55 14 51	PC	IMAGE	ALL	F336W		1	3000	2416	1		1
IZWICKY18	9 34 1.9	55 14 51	PC	IMAGE	ALL	F702W		1	900	2416	1		1
IZWICKY18	9 34 1.9	55 14 51	PC	IMAGE	ALL	F555W		2	600	2416	1		1
IZWICKY18	9 34 1.9	55 14 51	PC	IMAGE	ALL	F439W		2	1500	2416	1		1
IZWICKY18	9 34 1.9	55 14 51	WFC	IMAGE	ALL	F547M		1	600	2416	1		1
IZWICKY18	9 34 1.9	55 14 51	WFC	IMAGE	ALL	F658N		1	3000	2416	1		1
IZWICKY18	9 34 1.9	55 14 51	WFC	IMAGE	ALL	F502N		1	2500	2416	1		1
IZW18	9 34 2.0	55 14 27	HRS	ACCUM	2.0	G140M	1216	1	7980	2078	1		1
IZW18	9 34 2.0	55 14 27	HRS	ACCUM	2.0	G140M	1304	1	7980	2078	1		1
US737	9 35 2.5	43 31 12	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
US737	9 35 2.5	43 31 12	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
US737	9 35 2.5	43 31 12	FOS/RD	ACCUM	1.0	G270H	2753	1	468	2424	2		1
US737	9 35 2.5	43 31 12	FOS/BL	ACCUM	1.0	G130H	1379	1	10956	2424	2		1
US737	9 35 2.5	43 31 12	FOS/RD	ACCUM	1.0	G190H	1980	1	1326	2424	2		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
LP462-56A	9 37 3.9	-37 20 31	FOS/RD	ACCUM	1.0	G270H	2700	1	600	2593	2		1
LP462-56B	9 37 3.9	-37 20 31	FOS/RD	ACCUM	1.0	G270H	2700	1	900	2593	2		1
GAL-CLUS-093942+4713 -FLD1	9 42 56.6	46 58 50	WFC	IMAGE	ALL	F814W		3	2300	2373	1		1
GAL-CLUS-093942+4713 -FLD1	9 42 56.6	46 58 50	WFC	IMAGE	ALL	F555W		4	2300	2373	1		1
GAL-CLUS-093942+4713 -FLD2	9 43 11.1	46 58 49	WFC	IMAGE	ALL	F814W		3	2300	2373	2		1
GAL-CLUS-093942+4713 -FLD2	9 43 11.1	46 58 49	WFC	IMAGE	ALL	F555W		4	2300	2373	2		1
ESO-0943-3057	9 45 38.4	-31 11 29	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-0943-3057	9 45 38.4	-31 11 29	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
4C40.24	9 48 55.3	40 39 44	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
4C40.24	9 48 55.3	40 39 44	FOS/BL	ACCUM	1.0	G160L	1837	1	1098	2424	3		1
0950+139	9 52 59.0	13 44 34	FOC/96	IMAGE	512X512	F486N		1	300	2570	1		1
0950+139	9 52 59.0	13 44 34	FOC/96	IMAGE	512X512	F501N		1	300	2570	1		1
PG0950+139	9 52 59.0	13 44 34	FOS/BL	ACCUM	1.0	G130H	1380	1	84	2593	1		1
PG0950+139	9 52 59.0	13 44 34	FOS/BL	ACCUM	1.0	G270H	2700	1	144	2593	1		1
PG0950+139	9 52 59.0	13 44 34	FOS/BL	ACCUM	1.0	G190H	1944	1	90	2593	1		1
PG0950+139	9 52 59.0	13 44 34	FOS/BL	ACQ/BINA	4.3	MIRROR		1	7	2593	1	ACQ	1
PSR0950+08	9 53 9.3	7 55 37	FOC/48	IMAGE	512X512	F180LP		1	2160	2014	1		1
PKS0952+179	9 54 56.8	17 43 31	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS0952+179	9 54 56.8	17 43 31	FOS/BL	ACCUM	1.0	G160L	1837	1	1116	2424	1		1
NGC3031-FIELD	9 55 9.1	69 9 3	WFC	IMAGE	ALL	F336W		1	600	2227	1		4
NGC3031-FIELD	9 55 9.1	69 9 3	WFC	IMAGE	ALL	F555W		1	600	2227	1		26
NGC3031-FIELD	9 55 9.1	69 9 3	WFC	IMAGE	ALL	F785LP		1	600	2227	1		8
NGC3031-FIELD	9 55 9.1	69 9 3	FOC/48	IMAGE	512X1024	F150W		1	600	2227	1	PAR	24
NGC3031-FIELD	9 55 9.1	69 9 3	FOC/48	IMAGE	512X1024	F430W		1	600	2227	1	PAR	6
NGC3031-FIELD	9 55 9.1	69 9 3	FOC/48	IMAGE	512X1024	F150W		2	600	2227	1	PAR	2
NGC3031-FIELD	9 55 9.1	69 9 3	FOC/48	IMAGE	512X1024	F430W		2	600	2227	1	PAR	2
NGC3034	9 55 52.6	69 40 46	PC	IMAGE	P5	F336W		1	10000	2389	1		1
NGC3034	9 55 52.6	69 40 46	PC	IMAGE	P5	F439W		1	400	2389	1		1
NGC3034	9 55 52.6	69 40 46	PC	IMAGE	P5	F547M		1	500	2389	1		1
NGC3034	9 55 52.6	69 40 46	PC	IMAGE	P5	F814W		1	20	2389	1		1
NGC3034	9 55 52.6	69 40 46	PC	IMAGE	P5	F814W		1	80	2389	1		1
NGC3034	9 55 52.6	69 40 46	PC	IMAGE	P5	F336W		1	2500	2389	1		1
NGC3034	9 55 52.6	69 40 46	PC	IMAGE	P5	F439W		1	1600	2389	1		1
NGC3034	9 55 52.6	69 40 46	PC	IMAGE	P5	F547M		1	125	2389	1		1
PG0953+415	9 56 52.5	41 15 41	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG0953+415	9 56 52.5	41 15 41	FOS/BL	ACCUM	1.0	G130H	1379	1	756	2424	3		1
CBS-114	9 57 49.6	33 59 40	FOS/BL	ACCUM	1.0	G190H	1944	1	900	2593	2		1
3C232	9 58 21.0	32 24 2	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C232	9 58 21.0	32 24 2	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C232	9 58 21.0	32 24 2	FOS/RD	ACCUM	1.0	G190H	1980	1	870	2424	3		1
3C232	9 58 21.0	32 24 2	FOS/BL	ACCUM	1.0	G130H	1379	1	11856	2424	3		1
PKS0957+00	10 0 17.7	0 5 23	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS0957+00	10 0 17.7	0 5 23	FOS/BL	ACCUM	1.0	G160L	1837	1	762	2424	2		1
NGC3073-UB2	10 1 10.4	55 28 33	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2644	1	ACQ	1
NGC3073-UB2	10 1 10.4	55 28 33	FOS/BL	ACCUM	1.0	G130H	1429	1	4000	2644	1		1
NGC3073-UB4	10 2 5.6	55 42 57	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2644	1	ACQ	1
NGC3073-UB4	10 2 5.6	55 42 57	FOS/BL	ACCUM	1.0	G130H	1429	1	5300	2644	1		1
UGC-5398	10 3 19.5	68 44 0	WFC	IMAGE	ALL	F555W		1	300	2775	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
UGC-5398	10 3 19.5	68 44 0	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
TON28	10 4 2.6	28 55 35	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
TON28	10 4 2.6	28 55 35	FOS/RD	ACQ/BINA	4.3	MIRROR		1	9	2424	1	ACQ	1
TON28	10 4 2.6	28 55 35	FOS/BL	ACCUM	1.0	G130H	1379	1	7008	2424	1		1
TON28	10 4 2.6	28 55 35	FOS/RD	ACCUM	1.0	G190H	1980	1	1002	2424	1		1
TON28	10 4 2.6	28 55 35	FOS/RD	ACCUM	1.0	G270H	2753	1	365	2424	1		1
NGC3115-NUC1	10 5 13.1	-7 44 26*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	3960	2600	1		1
NGC3115-NUC2	10 5 13.1	-7 44 26*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	5400	2600	1		1
NGC3115-NUC3	10 5 13.1	-7 44 26*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	2700	2600	1		1
NGC3115-OFFSET	10 5 13.1	-7 44 26	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	2600	1	ACQ	1
NGC3115-MID	10 5 13.5	-7 43 48	WFC	IMAGE	ALL	F555W		1	5	2600	1	ACQ	1
NGC3115-MID	10 5 13.5	-7 43 48	WFC	IMAGE	ALL	F555W		1	0	2600	1	ACQ	1
NGC3115	10 5 13.9	-7 43 11	PC	IMAGE	ALL	F555W		1	12	2600	1	ACQ	1
NGC3115	10 5 13.9	-7 43 11	PC	IMAGE	ALL	F555W		1	120	2600	1	ACQ	1
NGC3115	10 5 13.9	-7 43 11	PC	IMAGE	ALL	F785LP		1	10	2600	1	ACQ	1
NGC3115	10 5 13.9	-7 43 11	PC	IMAGE	ALL	F785LP		1	100	2600	1	ACQ	1
NGC3115	10 5 13.9	-7 43 11	PC	IMAGE	ALL	F785LP		1	700	2600	1	ACQ	1
PAL3	10 5 31.3	0 4 58	PC	IMAGE	ALL	F555W		1	30	2559	1		2
PAL3	10 5 31.3	0 4 58	PC	IMAGE	ALL	F791W		1	30	2559	1		2
PAL3	10 5 31.3	0 4 58	PC	IMAGE	ALL	F555W		1	2340	2559	1		3
PAL3	10 5 31.3	0 4 58	PC	IMAGE	ALL	F791W		1	2340	2559	1		3
3C236.0	10 6 1.7	34 54 11	PC	IMAGE	ALL	F606W		2	600	2488	1		1
OY-CAR	10 6 22.5	-70 14 5	FOS/BL	ACQ/BINA	4.3	MIRROR		1	10	2380	1	ACQ	14
OY-CAR	10 6 22.5	-70 14 5	FOS/BL	RAPID	1.0	G160L	1837	1	1440	2380	1		14
1004+130	10 7 26.1	12 48 56	HRS	ACCUM	2.0	G160M	1562	10	575	2553	1		1
3C237.0	10 8 0.0	7 30 17	PC	IMAGE	ALL	F606W		1	1200	2488	1		1
4C41.21	10 10 27.5	41 32 38	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
4C41.21	10 10 27.5	41 32 38	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
4C41.21	10 10 27.5	41 32 38	FOS/BL	ACCUM	1.0	G160L	1837	1	468	2424	2		1
4C41.21	10 10 27.5	41 32 38	FOS/RD	ACCUM	1.0	G270H	2753	1	420	2424	2		1
4C41.21	10 10 27.5	41 32 38	FOS/RD	ACCUM	1.0	G190H	1980	1	1254	2424	2		1
1011-040	10 14 20.6	-4 18 41	HRS	ACCUM	2.0	G270M	2807	4	440	2553	1		1
ESO-1012-2837	10 14 41.7	-28 52 26	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1012-2837	10 14 41.7	-28 52 26	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
UGC-5557	10 18 16.8	41 25 27	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-5557	10 18 16.8	41 25 27	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC3198-FIELD	10 19 46.9	45 31 12	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC3198-FIELD	10 19 46.9	45 31 12	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC3198-FIELD	10 19 46.9	45 31 12	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC3198-FIELD	10 19 46.9	45 31 12	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC3198-FIELD	10 19 46.9	45 31 12	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC3198-FIELD	10 19 46.9	45 31 12	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC3198-FIELD	10 19 46.9	45 31 12	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
UGC-5572	10 19 54.7	45 33 4	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-5572	10 19 54.7	45 33 4	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
Q1017+280	10 19 54.9	27 45 55	PC	IMAGE	ALL	F555W		1	200	2350	1		1
Q1017+280	10 19 54.9	27 45 55	PC	IMAGE	ALL	F555W		1	800	2350	1		1
B21019+30	10 22 30.3	30 41 5	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
B21019+30	10 22 30.3	30 41 5	FOS/BL	ACCUM	1.0	G160L	1837	1	1134	2424	3		1
B21020+40	10 23 11.7	39 48 17	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
B21020+40	10 23 11.7	39 48 17	FOS/BL	ACCUM	1.0	G160L	1837	1	1080	2424	3		1
4C19.34	10 24 44.7	19 12 20	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
4C19.34	10 24 44.7	19 12 20	FOS/BL	ACCUM	1.0	G160L	1837	1	624	2424	3		1
ESO-1026-3121	10 28 53.6	-31 36 38	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1026-3121	10 28 53.6	-31 36 38	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
ESO-1027-4350	10 29 12.8	-44 7 21	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1027-4350	10 29 12.8	-44 7 21	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
HD91316	10 32 48.6	9 18 24	HRS	RAPID	2.0	G200M	1829	1	70	2544	1		4
HD091316	10 32 48.7	9 18 24	HRS	ACCUM	0.25	ECH-A	1548	1	36	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-A	1122	1	45	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-B	1744	1	76	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-B	2370	1	27	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-A	1159	1	33	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-A	1303	1	42	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-B	1807	1	51	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	ACCUM	0.25	ECH-A	1547	1	36	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	ACCUM	0.25	ECH-A	1548	1	36	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	ACCUM	0.25	ECH-B	2323	1	16	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	ACCUM	0.25	ECH-B	2324	1	16	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	ACCUM	0.25	ECH-B	2325	1	16	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	ACCUM	0.25	ECH-A	1251	1	14	2251	1		2
HD091316	10 32 48.7	9 18 24	HRS	ACCUM	0.25	ECH-A	1252	1	14	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	ACCUM	0.25	ECH-A	1334	1	17	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	ACCUM	0.25	ECH-A	1333	1	17	2251	1		2
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-A	1192	1	38	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-B	1827	1	60	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-B	2058	1	42	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-A	1240	1	54	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-A	1357	1	85	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-A	1391	1	99	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-A	1279	1	33	2251	1		1
HD091316	10 32 48.7	9 18 24	HRS	WSCAN	0.25	ECH-B	2025	1	42	2251	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P5	F336W		1	3	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P5	F439W		1	1	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P8	F336W		1	1	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P7	F785LP		1	3	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P6	F336W		1	2	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P6	F439W		1	1	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P7	F336W		1	2	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P7	F439W		1	0	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P5	F785LP		1	2	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P6	F785LP		1	2	2579	1		1
WD1031-114	10 33 43.1	-11 41 44	PC	IMAGE	P8	F785LP		1	2	2579	1		1
PG1034+001	10 37 3.9	-0 8 20	HRS	ACCUM	2.0	G160M	1258	1	300	2593	1		1
PG1034+001	10 37 3.9	-0 8 20	HRS	ACCUM	2.0	G140L	1293	1	210	2593	1		1
PG1034+001	10 37 3.9	-0 8 20	HRS	ACCUM	2.0	G140L	1556	1	144	2593	1		1
ESO-1035-2503	10 37 25.3	-25 19 12	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1035-2503	10 37 25.3	-25 19 12	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC3319-FIELD	10 39 9.5	41 41 12	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC3319-FIELD	10 39 9.5	41 41 12	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC3319-FIELD	10 39 9.5	41 41 12	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC3319-FIELD	10 39 9.5	41 41 12	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC3319-FIELD	10 39 9.5	41 41 12	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC3319-FIELD	10 39 9.5	41 41 12	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC3319-FIELD	10 39 9.5	41 41 12	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
NGC3319-FLD2	10 39 9.6	41 41 13	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC3319-FLD2	10 39 9.6	41 41 13	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC3319-FLD2	10 39 9.6	41 41 13	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC3319-FLD2	10 39 9.6	41 41 13	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC3319-FLD2	10 39 9.6	41 41 13	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC3319-FLD2	10 39 9.6	41 41 13	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC3319-FLD2	10 39 9.6	41 41 13	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
INCA221-60	10 41 1.3	6 6 23	FGS	POS	2	F583W		1	51	2861	1		2
1038+064INCA221-60	10 41 17.2	6 10 16	FGS	POS	2	F583W		1	51	2861	1		3
4C06.41	10 41 17.2	6 10 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
4C06.41	10 41 17.2	6 10 16	FOS/BL	ACCUM	1.0	G160L	1837	1	522	2424	3		1
POINT1038+064INCA221-60	10 41 39.6	5 59 9	S/C	POINTING	V1			1	0	2861	1		1
3C245.0	10 42 44.7	12 3 31	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C245.0	10 42 44.7	12 3 31	FOS/BL	ACCUM	1.0	G160L	1837	1	654	2424	3		1
UGC-5840	10 43 31.0	24 55 20	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-5840	10 43 31.0	24 55 20	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC3351-FIELD	10 43 57.6	11 42 21	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC3351-FIELD	10 43 57.6	11 42 21	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC3351-FIELD	10 43 57.6	11 42 21	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC3351-FIELD	10 43 57.6	11 42 21	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC3351-FIELD	10 43 57.6	11 42 21	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC3351-FIELD	10 43 57.6	11 42 21	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC3351-FIELD	10 43 57.6	11 42 21	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
HD93308-CX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G190H	2000	1	720	2338	1		1
HD93308-CX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G130H	1400	1	1180	2338	1		1
HD93308-CX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G270H	2600	1	120	2338	1		1
HD93308-CX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G400H	4200	1	240	2338	1		1
HD93308-CX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G570H	4800	1	240	2338	1		1
HD93308-DX	10 45 3.6	-59 41 3*	FOS/BL	ACCUM	0.1-PAIR-B	G190H	2000	1	720	2338	1		1
HD93308-DX	10 45 3.6	-59 41 3*	FOS/BL	ACCUM	0.1-PAIR-B	G130H	1400	1	1180	2338	1		1
HD93308-DX	10 45 3.6	-59 41 3*	FOS/BL	ACCUM	0.1-PAIR-B	G270H	2600	1	120	2338	1		1
HD93308-DX	10 45 3.6	-59 41 3*	FOS/BL	ACCUM	0.1-PAIR-B	G400H	4200	1	240	2338	1		1
HD93308-DX	10 45 3.6	-59 41 3*	FOS/BL	ACCUM	0.1-PAIR-B	G570H	4800	1	240	2338	1		1
HD93308-BX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G190H	2000	1	720	2338	1		1
HD93308-BX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G130H	1400	1	1180	2338	1		1
HD93308-BX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G270H	2600	1	120	2338	1		1
HD93308-BX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G400H	4200	1	240	2338	1		1
HD93308-BX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G570H	4800	1	240	2338	1		1
HD93308-A-OFFSET	10 45 3.6	-59 41 4	PC	IMAGE	P6	F469N	2500	1	0	2338	1		1
HD93308-A-OFFSET	10 45 3.6	-59 41 4	PC	IMAGE	P6	F284W F336W	3165	1	1	2338	1		1
HD93308-A-OFFSET	10 45 3.6	-59 41 4	FOS/BL	ACCUM	0.5-PAIR-B	G190H	2000	1	30	2338	1		1
HD93308-A-OFFSET	10 45 3.6	-59 41 4	FOS/BL	ACCUM	0.25-PAIR-B	G190H	2000	1	30	2338	1		1
HD93308-A-OFFSET	10 45 3.6	-59 41 4	FOS/BL	ACCUM	0.5-PAIR-B	G130H	1400	1	30	2338	1		1
HD93308-A-OFFSET	10 45 3.6	-59 41 4	FOS/BL	ACCUM	0.25-PAIR-B	G130H	1400	1	30	2338	1		1
HD93308-A-OFFSET	10 45 3.6	-59 41 4	FOS/BL	ACQ/PEAK	0.1-PAIR-B	G570H	4710	1	1	2338	1	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD93308-A-OFFSET	10 45 3.6	-59 41 4	FOS/BL	ACQ/PEAK	1.0-PAIR-B	G570H	4710	1	0	2338	1	ACQ	1
HD93308-A-OFFSET	10 45 3.6	-59 41 4	FOS/BL	ACQ/PEAK	0.1-PAIR-B	G570H	4710	1	1	2338	1	ACQ	1
HD93308-A-OFFSET	10 45 3.6	-59 41 4	FOS/BL	ACQ/PEAK	0.25-PAIR-B	G570H	4710	1	0	2338	1	ACQ	1
HD93308-AX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G190H	2000	1	360	2338	1		1
HD93308-AX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G130H	1400	1	900	2338	1		1
HD93308-AX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G270H	2600	1	30	2338	1		1
HD93308-AX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G400H	4200	1	120	2338	1		1
HD93308-AX	10 45 3.6	-59 41 4*	FOS/BL	ACCUM	0.1-PAIR-B	G570H	4800	1	120	2338	1		1
1042+178	10 45 14.3	17 35 48	WFC	IMAGE	ALL	F555W		1	100	2350	1		1
1042+178	10 45 14.3	17 35 48	WFC	IMAGE	ALL	F555W		1	500	2350	1		1
1042+178	10 45 14.3	17 35 48	WFC	IMAGE	ALL	F555W		1	2000	2350	1		1
1042+178	10 45 14.3	17 35 48	WFC	IMAGE	ALL	F785LP		1	500	2350	1		1
1042+178	10 45 14.3	17 35 48	WFC	IMAGE	ALL	F785LP		1	2000	2350	1		1
LP93-21	10 46 4.0	59 5 12	FOS/RD	ACCUM	1.0	G270H	2700	1	2400	2593	2		1
UGC-5873	10 46 37.0	63 13 24	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-5873	10 46 37.0	63 13 24	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
UGC-5882	10 46 45.5	11 49 6	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-5882	10 46 45.5	11 49 6	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC3377-NUC1	10 47 36.0	13 59 2*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	6179	2600	2		1
NGC3377-NUC2	10 47 36.0	13 59 2*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	1440	2600	2		1
NGC3377-NUC3	10 47 36.0	13 59 2*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	1440	2600	2		1
NGC3377-OFFSET	10 47 36.0	13 59 2	FOS/RD	ACQ/BINA	4.3	MIRROR		1	12	2600	2	ACQ	1
NGC3377-MID	10 47 39.2	13 59 5	WFC	IMAGE	ALL	F555W		1	1	2600	2	ACQ	1
NGC3377	10 47 42.3	13 59 9	PC	IMAGE	ALL	F555W		1	5	2600	1	ACQ	1
NGC3377	10 47 42.3	13 59 9	PC	IMAGE	ALL	F555W		1	50	2600	1	ACQ	1
NGC3377	10 47 42.3	13 59 9	PC	IMAGE	ALL	F785LP		1	4	2600	1	ACQ	1
NGC3377	10 47 42.3	13 59 9	PC	IMAGE	ALL	F785LP		1	40	2600	1	ACQ	1
NGC3384-NUC1	10 48 17.1	12 37 50*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	3600	2600	2		1
NGC3384-NUC2	10 48 17.1	12 37 50*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	4980	2600	2		1
NGC3384-NUC3	10 48 17.1	12 37 50*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	4980	2600	2		1
NGC3384-OFFSET	10 48 17.1	12 37 50	FOS/RD	ACQ/BINA	4.3	MIRROR		1	7	2600	2	ACQ	1
NGC3384-MID	10 48 17.1	12 38 50	WFC	IMAGE	ALL	F555W		1	4	2600	2	ACQ	1
NGC3384-MID	10 48 17.1	12 38 50	WFC	IMAGE	ALL	F555W		1	0	2600	2	ACQ	1
NGC3393	10 48 23.6	-25 9 41	PC	IMAGE	ALL	F502N		1	80	2306	1	ACQ	1
NGC3393	10 48 23.6	-25 9 41	PC	IMAGE	ALL	F664N		1	60	2306	1	ACQ	1
NGC3393	10 48 23.6	-25 9 41	PC	IMAGE	ALL	F230W		1	430	2306	1	ACQ	1
NGC3393	10 48 23.6	-25 9 41	PC	IMAGE	ALL	F547M		1	155	2306	1	ACQ	1
NGC3393-NUC	10 48 23.6	-25 9 41	HRS	ACCUM	2.0	G140M	1231	1	1000	2306	1		1
NGC3393-NUC	10 48 23.6	-25 9 41	HRS	ACCUM	2.0	G160M	1568	1	1800	2306	1		1
NGC3393-NUC	10 48 23.6	-25 9 41	HRS	ACCUM	0.25	G140M	1231	1	1000	2306	1		1
NGC3393-NUC	10 48 23.6	-25 9 41	FOS/RD	ACCUM	0.3	G270H	2753	1	2000	2306	1		1
NGC3393-NUC	10 48 23.6	-25 9 41	FOS/BL	ACCUM	0.3	G130H	1379	1	4400	2306	1		1
NGC3393-NUC	10 48 23.6	-25 9 41	FOS/BL	ACCUM	0.3	G190H	1944	1	3500	2306	1		1
NGC3393-NUC	10 48 23.6	-25 9 41	FOS/RD	ACCUM	0.3	G400H	4013	1	1700	2306	1		1
NGC3393-NUC	10 48 23.6	-25 9 41	FOS/RD	ACCUM	0.3	G570H	5691	1	750	2306	1		1
NGC3393-NUC	10 48 23.6	-25 9 41	FOC/48	SPEC	256X1024-SLIT	G150M		1	19964	2306	1		1
NGC3393-NUC	10 48 23.6	-25 9 41	FOC/48	SPEC	256X1024-SLIT	G450M		1	3299	2306	1		1
NGC3393-OFFSET	10 48 23.6	-25 9 41*	FOS/BL	ACQ/BINA	4.3	MIRROR		1	3	2306	1	ACQ	1
NGC3393-EARLY	10 48 27.1	-25 9 52	WFC	IMAGE	ALL	F547M		1	0	2306	1	ACQ	1
PKS1049-09	10 51 29.9	-9 18 9	WFC	IMAGE	ALL	F785LP		1	500	2425	1		1
PKS1049-09	10 51 29.9	-9 18 9	WFC	IMAGE	ALL	F785LP		1	2300	2425	1		1
PKS1049-09	10 51 29.9	-9 18 9	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PKS1049-09	10 51 29.9	-9 18 9	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS1049-09	10 51 29.9	-9 18 9	FOS/BL	ACCUM	1.0	G160L	1837	1	588	2424	3		1
PKS1049-09	10 51 29.9	-9 18 9	FOS/RD	ACCUM	1.0	G270H	2753	1	756	2424	3		1
PKS1049-09	10 51 29.9	-9 18 9	FOS/RD	ACCUM	1.0	G190H	1980	1	2064	2424	3		1
PG1049-005	10 51 51.5	-0 51 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1049-005	10 51 51.5	-0 51 16	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1049-005	10 51 51.5	-0 51 16	FOS/BL	ACCUM	1.0	G130H	1379	1	7320	2424	3		1
PG1049-005	10 51 51.5	-0 51 16	FOS/RD	ACCUM	1.0	G190H	1980	1	1008	2424	3		1
PG1049-005	10 51 51.5	-0 51 16	FOS/RD	ACCUM	1.0	G270H	2753	1	365	2424	3		1
4C61.20	10 52 32.7	61 25 21	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
4C61.20	10 52 32.7	61 25 21	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
4C61.20	10 52 32.7	61 25 21	FOS/RD	ACCUM	1.0	G190H	1980	1	792	2424	3		1
4C61.20	10 52 32.7	61 25 21	FOS/BL	ACCUM	1.0	G130H	1379	1	12756	2424	3		1
PKS1055+20	10 58 17.9	19 51 51	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS1055+20	10 58 17.9	19 51 51	FOS/BL	ACCUM	1.0	G160L	1837	1	588	2424	1		1
UGC-6079	11 0 24.1	28 58 32	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-6079	11 0 24.1	28 58 32	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
4C72.16	11 1 48.8	72 25 37	WFC	IMAGE	ALL	F785LP		1	500	2425	1		1
4C72.16	11 1 48.8	72 25 37	WFC	IMAGE	ALL	F785LP		1	2400	2425	1		1
ESO-1100-2249	11 3 22.7	-23 5 24	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1100-2249	11 3 22.7	-23 5 24	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
Q1101-264	11 3 25.3	-26 45 15	PC	IMAGE	ALL	F555W		1	200	2350	1		1
Q1101-264	11 3 25.3	-26 45 15	PC	IMAGE	ALL	F555W		1	800	2350	1		1
PKS1101-325	11 3 31.3	-32 51 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS1101-325	11 3 31.3	-32 51 16	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS1101-325	11 3 31.3	-32 51 16	FOS/RD	ACCUM	1.0	G270H	2753	1	570	2424	3		1
PKS1101-325	11 3 31.3	-32 51 16	FOS/BL	ACCUM	1.0	G130H	1379	1	12156	2424	3		1
PKS1101-325	11 3 31.3	-32 51 16	FOS/RD	ACCUM	1.0	G190H	1980	1	1554	2424	3		1
3C249.1	11 4 13.8	76 58 58	WFC	IMAGE	ALL	F785LP		1	500	2425	1		1
3C249.1	11 4 13.8	76 58 58	WFC	IMAGE	ALL	F785LP		1	2300	2425	1		1
3C249.1	11 4 13.8	76 58 58	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
3C249.1	11 4 13.8	76 58 58	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
3C249.1	11 4 13.8	76 58 58	FOS/RD	ACCUM	1.0	G190H	1980	1	834	2424	2		1
3C249.1	11 4 13.8	76 58 58	FOS/BL	ACCUM	1.0	G130H	1379	1	3702	2424	2		1
AN-UMA	11 4 25.7	45 3 15	HSP/VIS	PRISM	1.0	F551W/F240W		1	1741	2660	1		1
ST-LMI	11 5 39.7	25 6 29	HSP/VIS	PRISM	1.0	F551W/F240W		1	1741	2660	1		1
ST-LMI	11 5 39.8	25 6 29	FOS/BL	RAPID	1.0	G160L		1	1680	2686	1		1
ST-LMI	11 5 39.8	25 6 29	FOS/BL	RAPID	1.0	G160L		1	2100	2686	1		1
ST-LMI	11 5 39.8	25 6 29	FOS/BL	ACQ/BINA	4.3	MIRROR		1	15	2686	1	ACQ	1
NGC3521-FIELD	11 5 49.3	-0 2 1	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC3521-FIELD	11 5 49.3	-0 2 1	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC3521-FIELD	11 5 49.3	-0 2 1	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC3521-FIELD	11 5 49.3	-0 2 1	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC3521-FIELD	11 5 49.3	-0 2 1	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC3521-FIELD	11 5 49.3	-0 2 1	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC3521-FIELD	11 5 49.3	-0 2 1	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
NGC3521-FLD2	11 5 49.4	-0 2 0	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC3521-FLD2	11 5 49.4	-0 2 0	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC3521-FLD2	11 5 49.4	-0 2 0	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC3521-FLD2	11 5 49.4	-0 2 0	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC3521-FLD2	11 5 49.4	-0 2 0	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC3521-FLD2	11 5 49.4	-0 2 0	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC3521-FLD2	11 5 49.4	-0 2 0	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
PKS1103-006	11 6 31.8	-0 52 53	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS1103-006	11 6 31.8	-0 52 53	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS1103-006	11 6 31.8	-0 52 53	FOS/RD	ACCUM	1.0	G190H	1980	1	1554	2424	1		1
PKS1103-006	11 6 31.8	-0 52 53	FOS/BL	ACCUM	1.0	G160L	1837	1	731	2424	1		1
MC1104+167	11 7 15.1	16 28 3	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
MC1104+167	11 7 15.1	16 28 3	FOS/BL	ACCUM	1.0	G160L	1837	1	306	2424	2		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P5	F336W		1	5	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P5	F439W		1	1	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P6	F439W		1	1	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P7	F336W		1	4	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P7	F439W		1	1	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P5	F785LP		1	2	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P8	F785LP		1	2	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P6	F336W		1	4	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P8	F336W		1	1	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P6	F785LP		1	2	2579	1		1
WD1105-048	11 7 59.5	-5 9 20	PC	IMAGE	P7	F785LP		1	2	2579	1		1
ESO-1108-3636	11 11 17.6	-36 52 36	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1108-3636	11 11 17.6	-36 52 36	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PKS1111+149	11 13 58.7	14 42 27	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS1111+149	11 13 58.7	14 42 27	FOS/BL	ACCUM	1.0	G160L	1837	1	1038	2424	2		1
3C254	11 14 38.7	40 37 20	FOS/RD	ACCUM	1.0	G190H	1900	1	2280	2578	1		1
3C254	11 14 38.7	40 37 20	FOS/RD	ACCUM	1.0	G270H	2700	1	1200	2578	1		1
3C254	11 14 38.7	40 37 20	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
3C254	11 14 38.7	40 37 20	FOS/RD	ACCUM	1.0	G400H	4000	1	1019	2578	1		1
NGC3603	11 15 7.2	-61 15 35	PC	IMAGE	ALL	F439W		1	1	2441	1		1
NGC3603	11 15 7.2	-61 15 35	PC	IMAGE	ALL	F439W		1	0	2441	1		1
NGC3603	11 15 7.2	-61 15 35	PC	IMAGE	ALL	F469N		1	18	2441	1		1
NGC3603	11 15 7.2	-61 15 35	PC	IMAGE	ALL	F469N		1	2	2441	1		1
HD097991	11 16 11.7	-3 28 19	HRS	ACCUM	0.25	ECH-A	1548	1	216	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-A	1122	1	270	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-B	1744	1	459	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-B	2370	1	162	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-A	1159	1	202	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-A	1303	1	256	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-B	1807	1	310	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	ACCUM	0.25	ECH-A	1547	1	216	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	ACCUM	0.25	ECH-A	1548	1	216	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	ACCUM	0.25	ECH-B	2323	1	98	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	ACCUM	0.25	ECH-A	1251	1	85	2251	1		2
HD097991	11 16 11.7	-3 28 19	HRS	ACCUM	0.25	ECH-A	1252	1	85	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	ACCUM	0.25	ECH-A	1334	1	103	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	ACCUM	0.25	ECH-A	1333	1	103	2251	1		2
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-A	1192	1	229	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-B	1827	1	364	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-B	2058	1	256	2251	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-A	1240	1	324	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-A	1357	1	513	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-A	1391	1	594	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-A	1279	1	202	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	WSCAN	0.25	ECH-B	2025	1	256	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	ACCUM	0.25	ECH-B	2324	1	98	2251	1		1
HD097991	11 16 11.7	-3 28 19	HRS	ACCUM	0.25	ECH-B	2325	1	98	2251	1		1
DP-LEO	11 17 16.0	17 57 41	FOS/BL	RAPID	1.0	G160L		1	1800	2686	1		1
DP-LEO	11 17 16.0	17 57 41	FOS/BL	RAPID	1.0	G160L		1	1560	2686	1		1
DP-LEO	11 17 16.0	17 57 41	FOS/BL	RAPID	1.0	G160L		1	2280	2686	1		1
DP-LEO	11 17 16.0	17 57 41	FOS/BL	ACQ/BINA	4.3	MIRROR		1	45	2686	1	ACQ	1
NGC3621-FIELD	11 18 14.9	-32 45 44	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC3621-FIELD	11 18 14.9	-32 45 44	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC3621-FIELD	11 18 14.9	-32 45 44	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC3621-FIELD	11 18 14.9	-32 45 44	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC3621-FIELD	11 18 14.9	-32 45 44	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC3621-FIELD	11 18 14.9	-32 45 44	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC3621-FIELD	11 18 14.9	-32 45 44	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
HD98695	11 20 4.3	-71 59 40	FOS/BL	ACCUM	1.0	G270H		1	258	2245	1		1
HD98695	11 20 4.3	-71 59 40	FOS/BL	ACQ/PEAK	1.0	G570H		1	0	2245	1	ACQ	2
HD98695	11 20 4.3	-71 59 40	FOS/BL	ACCUM	1.0	G190H		1	600	2245	1		1
HD98695	11 20 4.3	-71 59 40	FOS/BL	ACCUM	1.0	G130H	1454	1	1121	2245	1		1
NGC3627	11 20 14.4	12 59 34	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
NGC3627	11 20 14.4	12 59 34	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
3C256	11 20 43.1	23 27 55	PC	IMAGE	ANY	F413M		2	1700	2698	1		1
3C256	11 20 43.1	23 27 55	FOC/96	IMAGE	512X512	F346M		2	2800	2698	1		1
3C256	11 20 43.1	23 27 55	WFC	IMAGE	ALL	F606W		1	35218	2713	1		1
UGC-6360	11 21 2.9	53 10 12	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-6360	11 21 2.9	53 10 12	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
1119+120	11 21 47.1	11 44 18	HRS	ACCUM	2.0	G160M	1562	5	540	2553	1		1
UGC-6439	11 26 7.8	43 35 9	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-6439	11 26 7.8	43 35 9	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
US2450	11 27 36.4	26 54 53	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
US2450	11 27 36.4	26 54 53	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
US2450	11 27 36.4	26 54 53	FOS/RD	ACCUM	1.0	G190H	1980	1	2370	2424	3		1
US2450	11 27 36.4	26 54 53	FOS/RD	ACCUM	1.0	G270H	2753	1	858	2424	3		1
US2450	11 27 36.4	26 54 53	FOS/BL	ACCUM	1.0	G160L	1837	1	731	2424	3		1
MARK171	11 28 30.9	58 33 42	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
MARK171	11 28 30.9	58 33 42	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PAL4	11 29 19.1	28 57 59	PC	IMAGE	ALL	F555W		1	30	2559	1		2
PAL4	11 29 19.1	28 57 59	PC	IMAGE	ALL	F791W		1	30	2559	1		2
PAL4	11 29 19.1	28 57 59	PC	IMAGE	ALL	F555W		1	2340	2559	1		3
PAL4	11 29 19.1	28 57 59	PC	IMAGE	ALL	F791W		1	2340	2559	1		3
PKS1127-14	11 30 7.0	-14 49 28	FOS/RD	ACCUM	1.0	G400H	4000	1	420	2578	2		1
PKS1127-14	11 30 7.0	-14 49 28	FOS/RD	ACCUM	1.0	G270H	2700	1	480	2578	2		1
PKS1127-14	11 30 7.0	-14 49 28	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
MG1131+046	11 31 56.4	4 55 50	WFC	IMAGE	ALL	F555W		1	500	2350	1		1
MG1131+046	11 31 56.4	4 55 50	WFC	IMAGE	ALL	F555W		1	2000	2350	1		1
MG1131+046	11 31 56.4	4 55 50	WFC	IMAGE	ALL	F785LP		1	500	2350	1		1
MG1131+046	11 31 56.4	4 55 50	WFC	IMAGE	ALL	F785LP		1	2000	2350	1		1
UGC6514	11 32 6.3	70 48 50	PC	IMAGE	ALL	F439W		1	2100	2067	1		1
UGC6514	11 32 6.3	70 48 50	WFC	IMAGE	ALL	F606W		1	1200	2067	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	G160M	1540	2	324	2257	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	G160M	1860	2	360	2257	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	ECH-B	1855	4	300	2257	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	G160M	1245	2	198	2257	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	G160M	1342	2	174	2257	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	G160M	1387	2	318	2257	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	ECH-B	2603	3	258	2257	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	ECH-A	1236	4	336	2257	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	ECH-A	1392	4	306	2257	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	ECH-A	1549	4	336	2257	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	ECH-B	1808	3	115	2348	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	ECH-A	1251	3	115	2348	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	ECH-A	1303	3	115	2348	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	ECH-A	1609	3	230	2348	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	ECH-A	1672	3	345	2348	1		1
HD100340	11 32 49.9	5 16 36	HRS	ACCUM	2.0	ECH-B	1858	3	172	2348	1		1
UGC-6537	11 33 21.1	47 1 44	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-6537	11 33 21.1	47 1 44	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
1130+106Y	11 33 30.3	10 52 23	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
1130+106Y	11 33 30.3	10 52 23	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
1130+106Y	11 33 30.3	10 52 23	FOS/BL	ACCUM	1.0	G160L	1837	1	786	2424	1		1
1130+106Y	11 33 30.3	10 52 23	FOS/RD	ACCUM	1.0	G270H	2753	1	786	2424	1		1
1130+106Y	11 33 30.3	10 52 23	FOS/RD	ACCUM	1.0	G190H	1980	1	2238	2424	1		1
ESO-1132-4506	11 35 8.3	-45 22 55	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1132-4506	11 35 8.3	-45 22 55	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PSR1133+16	11 36 3.0	15 51 19	FOC/48	IMAGE	512X512	F180LP		1	2400	2014	1		1
PKS1136-13	11 39 10.7	-13 50 43	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS1136-13	11 39 10.7	-13 50 43	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS1136-13	11 39 10.7	-13 50 43	FOS/BL	ACCUM	1.0	G160L	1837	1	426	2424	2		1
PKS1136-13	11 39 10.7	-13 50 43	FOS/RD	ACCUM	1.0	G270H	2753	1	426	2424	2		1
PKS1136-13	11 39 10.7	-13 50 43	FOS/RD	ACCUM	1.0	G190H	1980	1	1236	2424	2		1
3C263.0	11 39 57.0	65 47 51	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C263.0	11 39 57.0	65 47 51	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C263.0	11 39 57.0	65 47 51	FOS/BL	ACCUM	1.0	G160L	1837	1	324	2424	3		1
3C263.0	11 39 57.0	65 47 51	FOS/RD	ACCUM	1.0	G190H	1980	1	810	2424	3		1
3C263.0	11 39 57.0	65 47 51	FOS/RD	ACCUM	1.0	G270H	2753	1	240	2424	3		1
3C263	11 39 57.1	65 47 49	FOS/RD	ACCUM	1.0	G400H	4000	1	240	2578	1		1
3C263	11 39 57.1	65 47 49	FOS/RD	ACCUM	1.0	G190H	1900	1	480	2578	1		1
3C263	11 39 57.1	65 47 49	FOS/RD	ACCUM	1.0	G270H	2700	1	240	2578	1		1
3C263	11 39 57.1	65 47 49	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
PG1144+005	11 46 35.5	0 12 30	HRS	ACCUM	2.0	G140L	1288	1	1500	2593	2		1
HD102647	11 49 3.5	14 34 19	HRS	ACCUM	0.25	MIRROR-A2		1	0	2537	1		1
HD102647	11 49 3.5	14 34 19	HRS	ACCUM	0.25	ECH-A	1859	1	1080	2537	1		1
HD102647	11 49 3.5	14 34 19	HRS	ACCUM	0.25	ECH-B	2854	1	82	2537	1		1
HD102647	11 49 3.5	14 34 19	HRS	ACCUM	0.25	G160M	1859	1	114	2537	1		1
HD102647	11 49 3.5	14 34 19	HRS	ACCUM	0.25	ECH-A	1547	1	1030	2537	1		1
HD102647	11 49 3.5	14 34 19	HRS	ACCUM	0.25	ECH-B	2345	1	330	2537	1		1
HD102647	11 49 3.5	14 34 19	HRS	ACCUM	0.25	ECH-A	1667	1	1480	2537	1		1
HD102647	11 49 3.5	14 34 19	HRS	ACCUM	0.25	ECH-B	2596	1	1404	2537	1		1
4C47.33	11 51 9.3	47 28 55	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
4C47.33	11 51 9.3	47 28 55	FOS/BL	ACCUM	1.0	G160L	1837	1	1062	2424	3		1
PG1148+549	11 51 20.5	54 37 32	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PG1148+549	11 51 20.5	54 37 32	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1148+549	11 51 20.5	54 37 32	FOS/BL	ACCUM	1.0	G160L	1837	1	348	2424	3		1
PG1148+549	11 51 20.5	54 37 32	FOS/RD	ACCUM	1.0	G190H	1980	1	906	2424	3		1
PG1148+549	11 51 20.5	54 37 32	FOS/RD	ACCUM	1.0	G270H	2753	1	252	2424	3		1
B21148+38	11 51 29.3	38 25 53	FOS/RD	ACQ/BINA	4.3	MIRROR		1	10	2424	1	ACQ	1
B21148+38	11 51 29.3	38 25 53	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
B21148+38	11 51 29.3	38 25 53	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	1		1
B21148+38	11 51 29.3	38 25 53	FOS/RD	ACCUM	1.0	G270H	2753	1	474	2424	1		1
LB2136	11 53 24.5	49 31 9	WFC	IMAGE	ALL	F785LP		1	500	2425	1		1
LB2136	11 53 24.5	49 31 9	WFC	IMAGE	ALL	F785LP		1	2300	2425	1		1
UGC-6870	11 53 48.9	52 19 39	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-6870	11 53 48.9	52 19 39	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
ESO-1153-1937	11 56 6.9	-19 53 58	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1153-1937	11 56 6.9	-19 53 58	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC3998	11 57 56.1	55 27 13	FOC/96	IMAGE	512X512	F1ND F342W		1	240	2295	1		1
NGC3998	11 57 56.1	55 27 13	FOC/96	IMAGE	512X512	F175W		1	2039	2295	1		1
NGC3998	11 57 56.1	55 27 13	FOC/96	IMAGE	512X512	F1ND F2ND F480LP		1	460	2295	1		1
UGC-6950	11 58 5.3	27 52 43	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-6950	11 58 5.3	27 52 43	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
4C63.15	11 58 39.9	62 54 27	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
4C63.15	11 58 39.9	62 54 27	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
4C63.15	11 58 39.9	62 54 27	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	2		1
4C63.15	11 58 39.9	62 54 27	FOS/RD	ACCUM	1.0	G270H	2753	1	816	2424	2		1
4C63.15	11 58 39.9	62 54 27	FOS/RD	ACCUM	1.0	G190H	1980	1	3036	2424	2		1
4C29.45	11 59 31.9	29 14 45	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
4C29.45	11 59 31.9	29 14 45	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
4C29.45	11 59 31.9	29 14 45	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	3		1
4C29.45	11 59 31.9	29 14 45	FOS/RD	ACCUM	1.0	G270H	2753	1	246	2424	3		1
3C268.1	12 0 23.5	73 0 46	PC	IMAGE	ALL	F606W		1	1800	2488	1		1
PC1158+4635	12 0 36.9	46 18 47	WFC	IMAGE	ALL	F702W		1	200	2350	1		1
PC1158+4635	12 0 36.9	46 18 47	WFC	IMAGE	ALL	F702W		1	800	2350	1		1
GW-VIR	12 1 46.0	-3 45 41	HRS	ACCUM	2.0	G160M	1550	2	950	2741	1		1
GW-VIR	12 1 46.0	-3 45 41	HRS	ACCUM	2.0	G160M	1363	2	1000	2741	1		1
GW-VIR	12 1 46.0	-3 45 41	HRS	ACCUM	2.0	G140L	1344	1	270	2741	1		1
UGC-7090	12 6 1.2	47 28 39	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-7090	12 6 1.2	47 28 39	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
UGC-7118	12 8 5.6	65 10 25	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-7118	12 8 5.6	65 10 25	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
1206+459	12 8 58.0	45 40 36	HRS	ACCUM	2.0	G270M	2807	4	440	2553	1		1
PG1206+459	12 8 58.0	45 40 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PG1206+459	12 8 58.0	45 40 36	FOS/RD	ACQ/BINA	4.3	MIRROR		1	9	2424	1	ACQ	1
PG1206+459	12 8 58.0	45 40 36	FOS/BL	ACCUM	1.0	G160L	1837	1	846	2424	1		1
PG1206+459	12 8 58.0	45 40 36	FOS/RD	ACCUM	1.0	G270H	2753	1	432	2424	1		1
PG1206+459	12 8 58.0	45 40 36	FOS/RD	ACCUM	1.0	G190H	1980	1	1835	2424	1		1
PKS1207-399	12 9 35.2	-40 16 14	FOS/RD	ACCUM	1.0	G400H	4000	1	540	2578	2		1
PKS1207-399	12 9 35.2	-40 16 14	FOS/RD	ACCUM	1.0	G270H	2700	1	660	2578	2		1
PKS1207-399	12 9 35.2	-40 16 14	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
ESO-1207-2927	12 10 14.1	-29 44 15	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1207-2927	12 10 14.1	-29 44 15	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
1E1207+3945	12 10 26.6	39 29 8	PC	IMAGE	ALL	F555W		1	200	2350	1		1
1E1207+3945	12 10 26.6	39 29 8	PC	IMAGE	ALL	F555W		1	800	2350	1		1
NGC4151-OF20N	12 10 32.3	39 24 21*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4151-OF17N	12 10 32.3	39 24 21*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF14N	12 10 32.4	39 24 21*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF11N	12 10 32.4	39 24 20*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF9N	12 10 32.4	39 24 20*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF7N	12 10 32.4	39 24 20*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF5N	12 10 32.4	39 24 20*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF3N	12 10 32.4	39 24 20*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF2N	12 10 32.4	39 24 20*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF1N	12 10 32.4	39 24 20*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF3	12 10 32.4	39 24 20	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF1S	12 10 32.4	39 24 19*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF2S	12 10 32.4	39 24 19*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF3S	12 10 32.5	39 24 19*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF5S	12 10 32.5	39 24 19*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF7S	12 10 32.5	39 24 19*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF9S	12 10 32.5	39 24 19*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF11S	12 10 32.5	39 24 19*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF13S	12 10 32.5	39 24 18*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-NUCLEUS	12 10 32.5	39 24 21	HRS	ACCUM	0.25	G140L	1400	1	600	2498	1		4
NGC4151-NUCLEUS	12 10 32.5	39 24 21	HRS	ACCUM	0.25	G140L	1640	1	600	2498	1		4
NGC4151-NUCLEUS	12 10 32.5	39 24 21	HRS	ACCUM	0.25	G160M	1518	1	3600	2498	1		2
NGC4151-NUCLEUS	12 10 32.5	39 24 21	HRS	ACCUM	0.25	G160M	1594	1	3600	2498	1		2
NGC4151	12 10 32.5	39 24 21	FGS	TRANS	1	F550W		1	586	2443	1		1
NGC4151	12 10 32.5	39 24 21	FGS	TRANS	1	F583W		1	586	2443	1		1
NGC4151	12 10 32.5	39 24 21	FGS	TRANS	1	F650W		1	586	2443	1		1
NGC4151-OF16S	12 10 32.5	39 24 18*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2610	2619	1		1
NGC4151-OF19S	12 10 32.5	39 24 18*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2550	2619	1		1
NGC4151-OF22S	12 10 32.6	39 24 18*	FOC/48	SPEC	256X1024-SLIT	G450M	4500	1	2550	2619	1		1
NGC4150	12 10 33.7	30 24 6	PC	IMAGE	ALL	F555W		1	4	2600	1		1
NGC4150	12 10 33.7	30 24 6	PC	IMAGE	ALL	F555W		1	35	2600	1		1
NGC4150	12 10 33.7	30 24 6	PC	IMAGE	ALL	F555W		1	450	2600	1		1
NGC4150	12 10 33.7	30 24 6	PC	IMAGE	ALL	F785LP		1	3	2600	1		1
NGC4150	12 10 33.7	30 24 6	PC	IMAGE	ALL	F785LP		1	26	2600	1		1
NGC4150	12 10 33.7	30 24 6	PC	IMAGE	ALL	F785LP		1	360	2600	1		1
B21208+32A	12 10 37.5	31 57 7	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
B21208+32A	12 10 37.5	31 57 7	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
B21208+32A	12 10 37.5	31 57 7	FOS/BL	ACCUM	1.0	G160L	1837	1	552	2424	2		1
B21208+32A	12 10 37.5	31 57 7	FOS/RD	ACCUM	1.0	G270H	2753	1	642	2424	2		1
B21208+32A	12 10 37.5	31 57 7	FOS/RD	ACCUM	1.0	G190H	1980	1	1776	2424	2		1
PG1210+533	12 13 24.4	53 13 24	HRS	ACCUM	2.0	G140L	1288	1	1500	2593	2		1
UGC-7231	12 13 47.9	14 54 2	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-7231	12 13 47.9	14 54 2	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
HZ-21	12 13 56.4	32 56 38	HRS	ACCUM	2.0	G140L	1288	1	1200	2593	2		1
B21211+33	12 14 4.1	33 9 46	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
B21211+33	12 14 4.1	33 9 46	FOS/BL	ACCUM	1.0	G160L	1837	1	1050	2424	1		1
1211+143	12 14 17.7	14 3 12	HRS	ACCUM	2.0	G270M	2807	5	600	2553	1		1
1211+143	12 14 17.7	14 3 12	HRS	ACCUM	2.0	G160M	1562	2	390	2553	1		1
PG1211+143	12 14 17.7	14 3 12	FOS/BL	ACCUM	1.0	G130H	1379	1	738	2424	1		1
PG1211+143	12 14 17.7	14 3 12	FOS/BL	ACQ/BINA	4.3	MIRROR		1	4	2424	1	ACQ	1
HD106490	12 15 8.8	-58 44 56	HRS	ACCUM	0.25	ECH-A36	1549	1	138	2403	1		1
HD106490	12 15 8.8	-58 44 56	HRS	ACCUM	0.25	ECH-A40	1400	1	138	2403	1		1
HD106490	12 15 8.8	-58 44 56	HRS	ACCUM	0.25	ECH-A45	1240	1	127	2403	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD106490	12 15 8.8	-58 44 56	HRS	ACCUM	0.25	ECH-A45	1258	1	116	2403	1		1
HD106490	12 15 8.8	-58 44 56	HRS	ACCUM	0.25	ECH-A40	1391	1	169	2403	1		1
HD106490	12 15 8.8	-58 44 56	HRS	ACCUM	0.25	ECH-A47	1197	1	74	2403	1		1
HD106490	12 15 8.8	-58 44 56	HRS	ACCUM	0.25	ECH-A47	1204	1	117	2403	1		1
CASE-1	12 15 46.2	52 31 20	HRS	ACCUM	2.0	G140L	1288	1	900	2593	2		1
UM485	12 15 49.8	-0 34 34	FOC/288	IMAGE	512X512	F1ND F220W		1	2700	2624	1		1
MC1215+113	12 18 26.1	11 5 5	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
MC1215+113	12 18 26.1	11 5 5	FOS/BL	ACCUM	1.0	G160L	1837	1	714	2424	2		1
NGC4258-FIELD	12 18 35.5	47 24 43	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC4258-FIELD	12 18 35.5	47 24 43	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC4258-FIELD	12 18 35.5	47 24 43	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC4258-FIELD	12 18 35.5	47 24 43	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC4258-FIELD	12 18 35.5	47 24 43	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC4258-FIELD	12 18 35.5	47 24 43	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC4258-FIELD	12 18 35.5	47 24 43	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
PG1216+069	12 19 20.3	6 38 40	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1216+069	12 19 20.3	6 38 40	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1216+069	12 19 20.3	6 38 40	FOS/RD	ACCUM	1.0	G190H	1980	1	378	2424	3		1
PG1216+069	12 19 20.3	6 38 40	FOS/BL	ACCUM	1.0	G130H	1379	1	5334	2424	3		1
NGC4261-WFPOS	12 19 23.2	5 49 31	PC	IMAGE	ALL	F555W	5555	1	600	2607	1	ACQ	1
NGC4261-WFPOS	12 19 23.2	5 49 31	WFC	IMAGE	ALL	F555W	5555	1	1	2607	1	ACQ	1
NGC4261-WFPOS	12 19 23.2	5 49 31	WFC	IMAGE	ALL	F555W	5555	1	60	2607	1	ACQ	1
NGC4261	12 19 27.6	5 49 55*	FOC/96	IMAGE	512X512	F220W		1	1000	2607	1		1
NGC4261	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	G400H	4000	1	4980	2607	1		1
NGC4261	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	4980	2607	1		1
NGC4261	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	PRISM	3500	1	429	2607	1		1
NGC4261-B1	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4261-B1	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	PRISM	3500	1	260	2607	1		1
NGC4261-B1	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4261-B2	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4261-B2	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4261-B3	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4261-B3	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4261-B4	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4261-B4	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4261-C1	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
NGC4261-C1	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	PRISM	3500	1	429	2607	1		1
NGC4261-C2	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
NGC4261-C3	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
NGC4261-C4	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
NGC4261-OFFSET	12 19 27.6	5 49 55	FOS/RD	ACQ/BINA	4.3	MIRROR		1	7	2607	1	ACQ	1
NGC4621-B1	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4621-B1	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	PRISM	3500	1	600	2607	1		1
NGC4621-B1	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4621-B2	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4621-B2	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4621-B3	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4621-B3	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4621-B4	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4621-B4	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4621-C1	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
NGC4621-C1	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	PRISM	3500	1	429	2607	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4621-C2	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
NGC4621-C3	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
NGC4621-C4	12 19 27.6	5 49 55*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
1219+755	12 21 44.0	75 18 38	HRS	ACCUM	2.0	G270M	2807	6	600	2553	1		1
1219+755	12 21 44.0	75 18 38	HRS	ACCUM	2.0	G160M	1562	8	500	2553	1		1
MARK205	12 21 44.4	75 18 40	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
MARK205	12 21 44.4	75 18 40	FOS/BL	ACCUM	1.0	G130H	1379	1	3120	2424	2		1
PKS1219+04	12 22 22.7	4 13 13	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS1219+04	12 22 22.7	4 13 13	FOS/BL	ACCUM	1.0	G160L	1837	1	1164	2424	3		1
NGC4365	12 24 27.9	7 19 5	PC	IMAGE	P7	F439W		1	500	2591	1		1
NGC4365	12 24 27.9	7 19 5	PC	IMAGE	P7	F555W		1	20	2591	1		1
NGC4365	12 24 27.9	7 19 5	PC	IMAGE	P7	F555W		1	400	2591	1		1
NGC4365	12 24 27.9	7 19 5	PC	IMAGE	P7	F555W		1	650	2591	1		1
NGC4365	12 24 27.9	7 19 5	PC	IMAGE	P7	F785LP		1	30	2591	1		1
NGC4365	12 24 27.9	7 19 5	PC	IMAGE	P7	F785LP		1	600	2591	1		1
NGC4365	12 24 27.9	7 19 5	PC	IMAGE	P7	F785LP		1	1000	2591	1		1
NGC4374	12 24 59.2	12 52 41*	FOC/96	IMAGE	512X512	F220W		1	1000	2607	1		1
NGC4374	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.25-PAIR	G400H	4000	1	12000	2607	1		1
NGC4374	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.25-PAIR	PRISM	3500	1	1000	2607	1		1
NGC4374	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	12000	2607	1		1
NGC4374-B1	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	780	2607	1		1
NGC4374-B1	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.5-PAIR	PRISM	3500	1	600	2607	1		1
NGC4374-B1	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	780	2607	1		1
NGC4374-B2	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	780	2607	1		1
NGC4374-B2	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	780	2607	1		1
NGC4374-B3	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	780	2607	1		1
NGC4374-B3	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	780	2607	1		1
NGC4374-B4	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	780	2607	1		1
NGC4374-B4	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	780	2607	1		1
NGC4374-C1	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.25-PAIR	PRISM	3500	1	1000	2607	1		1
NGC4374-C1	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	3000	2607	1		1
NGC4374-C2	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	3000	2607	1		1
NGC4374-C3	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	3000	2607	1		1
NGC4374-C4	12 24 59.2	12 52 41*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	3000	2607	1		1
NGC4374-OFFSET	12 24 59.2	12 52 41	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2607	1	ACQ	1
NGC4374-WFPOS	12 25 1.5	12 52 55	WFC	IMAGE	ALL	F555W	5555	1	1	2607	1	ACQ	1
NGC4374-WFPOS	12 25 1.5	12 52 55	WFC	IMAGE	ALL	F555W	5555	1	60	2607	1	ACQ	1
NGC4374-PCPOS	12 25 3.9	12 53 10	PC	IMAGE	ALL	F555W	5555	1	600	2607	1	ACQ	1
NGC4382	12 25 24.6	18 11 27	FOC/48	IMAGE	512X512	F342W		1	240	2295	1		1
NGC4382	12 25 24.6	18 11 27	FOC/48	IMAGE	512X512	F430W		1	460	2295	1		1
NGC4382	12 25 24.6	18 11 27	FOC/48	IMAGE	512X512	F175W		1	2039	2295	1		1
PG1222+228	12 25 27.4	22 35 13	FOS/BL	ACCUM	1.0	G160L	1900	1	2700	2524	1		1
PG1222+228	12 25 27.4	22 35 13	FOS/BL	ACCUM	4.3	G160L	1900	1	2700	2524	1		6
PG1222+228	12 25 27.4	22 35 13	FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	2524	1	ACQ	1
NGC4387	12 25 41.7	12 48 38	PC	IMAGE	ALL	F785LP		1	50	2600	1		1
NGC4387	12 25 41.7	12 48 38	PC	IMAGE	ALL	F785LP		1	500	2600	1		2
NGC4388	12 25 46.7	12 39 41	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
NGC4388	12 25 46.7	12 39 41	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
NGC4406-PCPOS	12 26 11.5	12 56 43	PC	IMAGE	ALL	F555W	5555	1	600	2607	1	ACQ	1
NGC4406	12 26 11.8	12 56 48	PC	IMAGE	P7	F555W		1	20	2591	1		1
NGC4406	12 26 11.8	12 56 48	PC	IMAGE	P7	F555W		1	200	2591	1		1
NGC4406	12 26 11.8	12 56 48	PC	IMAGE	P7	F555W		1	1000	2591	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4406	12 26 11.8	12 56 48	PC	IMAGE	P7	F439W		1	225	2591	1		1
NGC4406	12 26 11.8	12 56 48	PC	IMAGE	P7	F785LP		1	30	2591	1		1
NGC4406	12 26 11.8	12 56 48	PC	IMAGE	P7	F785LP		1	300	2591	1		1
NGC4406	12 26 11.8	12 56 48	PC	IMAGE	P7	F785LP		1	1400	2591	1		1
NGC4406-WFPOS	12 26 15.8	12 57 11	WFC	IMAGE	ALL	F555W	5555	1	1	2607	1	ACQ	1
NGC4406-WFPOS	12 26 15.8	12 57 11	WFC	IMAGE	ALL	F555W	5555	1	60	2607	1	ACQ	1
NGC4406	12 26 20.1	12 57 39*	FOC/96	IMAGE	512X512	F220W		1	1000	2607	1		1
NGC4406	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.25-PAIR	G400H	4000	1	4980	2607	1		1
NGC4406	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	4980	2607	1		1
NGC4406	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.25-PAIR	PRISM	3500	1	429	2607	1		1
NGC4406-B1	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4406-B1	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.5-PAIR	PRISM	3500	1	600	2607	1		1
NGC4406-B1	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4406-B2	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4406-B2	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4406-B3	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4406-B3	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4406-B4	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.5-PAIR	G400H	4000	1	360	2607	1		1
NGC4406-B4	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.5-PAIR	G570H	5700	1	360	2607	1		1
NGC4406-C1	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
NGC4406-C1	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.25-PAIR	PRISM	3500	1	429	2607	1		1
NGC4406-C2	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
NGC4406-C3	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
NGC4406-C4	12 26 20.1	12 57 39*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	1260	2607	1		1
NGC4406-OFFSET	12 26 20.1	12 57 39	FOS/RD	ACQ/BINA	4.3	MIRROR		1	8	2607	1	ACQ	1
NGC4414-FIELD	12 26 27.1	32 15 49	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC4414-FIELD	12 26 27.1	32 15 49	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC4414-FIELD	12 26 27.1	32 15 49	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC4414-FIELD	12 26 27.1	32 15 49	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC4414-FIELD	12 26 27.1	32 15 49	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC4414-FIELD	12 26 27.1	32 15 49	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC4414-FIELD	12 26 27.1	32 15 49	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
NGC4458	12 28 57.6	13 14 31	PC	IMAGE	ALL	F555W		1	12	2600	1		1
NGC4458	12 28 57.6	13 14 31	PC	IMAGE	ALL	F555W		1	120	2600	1		1
NGC4458	12 28 57.6	13 14 31	PC	IMAGE	ALL	F785LP		1	8	2600	1		1
NGC4458	12 28 57.6	13 14 31	PC	IMAGE	ALL	F785LP		1	80	2600	1		1
3C273-JET	12 29 5.9	2 2 56	FOC/96	IMAGE	512X512	F430W POL0		1	8700	2451	1		1
3C273-JET	12 29 5.9	2 2 56	FOC/96	IMAGE	512X512	F430W POL60		1	8700	2451	1		1
3C273-JET	12 29 5.9	2 2 56	FOC/96	IMAGE	512X512	F430W POL120		1	8700	2451	1		1
1226+023INCA221-83	12 29 6.7	2 3 9	FGS	POS	2	F550W		1	51	2861	1		3
3C273	12 29 6.7	2 3 8	FGS	TRANS	1	F583W		1	586	2443	1		1
3C273	12 29 6.7	2 3 8	FGS	TRANS	1	F650W		1	586	2443	1		1
3C273	12 29 6.7	2 3 8	FGS	TRANS	2	F583W		1	586	2443	1		1
INCA221-83	12 29 22.2	1 58 40	FGS	POS	2	F550W		1	51	2861	1		2
NGC4467	12 29 30.3	7 59 34	PC	IMAGE	ALL	F555W		1	30	2600	2		1
NGC4467	12 29 30.3	7 59 34	PC	IMAGE	ALL	F555W		1	300	2600	2		1
NGC4467	12 29 30.3	7 59 34	PC	IMAGE	ALL	F785LP		1	23	2600	2		1
NGC4467	12 29 30.3	7 59 34	PC	IMAGE	ALL	F785LP		1	230	2600	2		1
POINT1226+023INCA221-83	12 29 50.5	2 7 41	S/C	POINTING	V1			1	0	2861	1		1
UGC-7651	12 30 36.0	41 38 33	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-7651	12 30 36.0	41 38 33	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
M87	12 30 49.4	12 23 28	FGS	TRANS	1	F550W		1	586	2443	1		1
M87	12 30 49.4	12 23 28	FGS	TRANS	1	F583W		1	586	2443	1		1
M87	12 30 49.4	12 23 28	FGS	TRANS	1	F650W		1	586	2443	1		1
M87	12 30 49.4	12 23 28	FGS	TRANS	2	F583W		1	586	2443	1		1
VCC1440	12 32 33.3	15 24 54	PC	IMAGE	ALL	F555W		1	30	2600	1		1
VCC1440	12 32 33.3	15 24 54	PC	IMAGE	ALL	F555W		1	300	2600	1		1
VCC1440	12 32 33.3	15 24 54	PC	IMAGE	ALL	F785LP		1	23	2600	1		1
VCC1440	12 32 33.3	15 24 54	PC	IMAGE	ALL	F785LP		1	230	2600	1		1
UGC-7727	12 34 20.3	8 11 51	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-7727	12 34 20.3	8 11 51	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC4536-FIELD	12 34 26.9	2 11 18	WFC	IMAGE	ALL	F555W		1	1200	2227	1		1
NGC4536-FIELD	12 34 26.9	2 11 18	WFC	IMAGE	ALL	F785LP		1	1200	2227	1		1
NGC4536-FIELD	12 34 26.9	2 11 18	FOC/48	IMAGE	512X1024	F150W		1	1200	2227	1	PAR	1
NGC4536-FIELD	12 34 26.9	2 11 18	FOC/48	IMAGE	512X1024	F430W		1	1200	2227	1	PAR	1
NGC4548-FIELD	12 35 26.3	14 29 49	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC4548-FIELD	12 35 26.3	14 29 49	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC4548-FIELD	12 35 26.3	14 29 49	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC4548-FIELD	12 35 26.3	14 29 49	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC4548-FIELD	12 35 26.3	14 29 49	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC4548-FIELD	12 35 26.3	14 29 49	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC4548-FIELD	12 35 26.3	14 29 49	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
NGC4507	12 35 36.5	-39 54 33	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
NGC4507	12 35 36.5	-39 54 33	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
VCC1627	12 35 37.3	12 22 55	PC	IMAGE	ALL	F555W		1	30	2600	2		1
VCC1627	12 35 37.3	12 22 55	PC	IMAGE	ALL	F555W		1	300	2600	2		1
VCC1627	12 35 37.3	12 22 55	PC	IMAGE	ALL	F785LP		1	23	2600	2		1
VCC1627	12 35 37.3	12 22 55	PC	IMAGE	ALL	F785LP		1	230	2600	2		1
NGC4551	12 35 37.6	12 15 53	PC	IMAGE	ALL	F785LP		1	40	2600	2		1
NGC4551	12 35 37.6	12 15 53	PC	IMAGE	ALL	F785LP		1	400	2600	2		2
PKS1233-24	12 35 37.8	-25 12 15	WFC	IMAGE	ALL	F785LP		1	500	2425	1		1
PKS1233-24	12 35 37.8	-25 12 15	WFC	IMAGE	ALL	F785LP		1	2400	2425	1		1
NGC4571-FIELD	12 36 56.6	14 13 3	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC4571-FIELD	12 36 56.6	14 13 3	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC4571-FIELD	12 36 56.6	14 13 3	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC4571-FIELD	12 36 56.6	14 13 3	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC4571-FIELD	12 36 56.6	14 13 3	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC4571-FIELD	12 36 56.6	14 13 3	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC4571-FIELD	12 36 56.6	14 13 3	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
NGC4579	12 37 43.4	11 49 12	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
NGC4579	12 37 43.4	11 49 12	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC4594-MID	12 39 59.9	-11 36 42	WFC	IMAGE	ALL	F555W		1	10	2600	1	ACQ	1
NGC4594-MID	12 39 59.9	-11 36 42	WFC	IMAGE	ALL	F555W		1	0	2600	1	ACQ	1
NGC4594-NUC1	12 40 0.6	-11 36 0*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	7800	2600	1		1
NGC4594-NUC2	12 40 0.6	-11 36 0*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	8364	2600	1		1
NGC4594-NUC3	12 40 0.6	-11 36 0*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	4200	2600	1		1
NGC4594-OFFSET	12 40 0.6	-11 36 0	FOS/RD	ACQ/BINA	4.3	MIRROR		1	2	2600	1	ACQ	1
NGC4621-OFFSET	12 41 58.9	11 38 5	FOS/RD	ACQ/BINA	4.3	MIRROR		1	7	2607	1	ACQ	1
NGC4621-NUC1	12 41 59.1	11 38 6*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	3960	2600	2		1
NGC4621-NUC2	12 41 59.1	11 38 6*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	5400	2600	2		1
NGC4621-NUC3	12 41 59.1	11 38 6*	FOS/RD	ACCUM	0.25-PAIR-B	G570H	5700	1	5400	2600	2		1
NGC4621-OFFSET	12 41 59.1	11 38 6	FOS/RD	ACQ/BINA	4.3	MIRROR		1	7	2600	2	ACQ	1
NGC4621-WFPOS	12 42 0.6	11 38 27	WFC	IMAGE	ALL	F555W	5555	1	1	2607	1	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC4621-WFPOS	12 42 0.6	11 38 27	WFC	IMAGE	ALL	F555W	5555	1	60	2607	1	ACQ	1
NGC4621-MID	12 42 0.7	11 38 27	WFC	IMAGE	ALL	F555W		1	0	2600	2	ACQ	1
NGC4621-MID	12 42 0.7	11 38 27	WFC	IMAGE	ALL	F555W		1	5	2600	2	ACQ	1
NGC4621	12 42 2.2	11 38 50*	FOC/96	IMAGE	512X512	F220W		1	1000	2607	1		1
NGC4621	12 42 2.2	11 38 50*	FOS/RD	ACCUM	0.25-PAIR	G400H	4000	1	5040	2607	1		1
NGC4621	12 42 2.2	11 38 50*	FOS/RD	ACCUM	0.25-PAIR	G570H	5700	1	4980	2607	1		1
NGC4621	12 42 2.2	11 38 50*	FOS/RD	ACCUM	0.25-PAIR	PRISM	3500	1	429	2607	1		1
NGC4636	12 42 49.9	2 41 16	FOC/96	IMAGE	512X512	F342W		1	240	2295	1		1
NGC4636	12 42 49.9	2 41 16	FOC/96	IMAGE	512X512	F480LP		1	460	2295	1		1
NGC4636	12 42 49.9	2 41 16	FOC/96	IMAGE	512X512	F175W		1	2039	2295	1		1
NGC4651-FIELD	12 43 42.6	16 23 40	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC4651-FIELD	12 43 42.6	16 23 40	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC4651-FIELD	12 43 42.6	16 23 40	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC4651-FIELD	12 43 42.6	16 23 40	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC4651-FIELD	12 43 42.6	16 23 40	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC4651-FIELD	12 43 42.6	16 23 40	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC4651-FIELD	12 43 42.6	16 23 40	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
NGC4654-FIELD	12 43 56.6	13 7 33	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC4654-FIELD	12 43 56.6	13 7 33	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC4654-FIELD	12 43 56.6	13 7 33	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC4654-FIELD	12 43 56.6	13 7 33	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC4654-FIELD	12 43 56.6	13 7 33	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC4654-FIELD	12 43 56.6	13 7 33	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC4654-FIELD	12 43 56.6	13 7 33	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
INCA221-84	12 46 41.1	-25 48 56	PC	IMAGE	P8	F658N		1	18	2565	1	CON	1
1244-255INCA221-84	12 46 46.8	-25 47 48	PC	IMAGE	P8	F606W		1	18	2565	1	CON	1
1244-255INCA221-84	12 46 46.8	-25 47 48	PC	IMAGE	P8	F725LP		1	23	2565	1	CON	1
B21244+32B	12 47 20.8	32 9 1	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
B21244+32B	12 47 20.8	32 9 1	FOS/BL	ACCUM	1.0	G160L	1837	1	552	2424	1		1
INCA221-84-AST2	12 47 22.0	-25 42 7	FGS	POS	2	F550W		1	18	2565	1	CON PAR	1
INCA221-84-AST1	12 47 38.6	-25 45 5	FGS	POS	2	F550W		1	18	2565	1	CON PAR	1
INCA221-84-AST1	12 47 38.6	-25 45 5	FGS	POS	2	F550W		1	23	2565	1	CON PAR	1
NGC4696	12 48 49.3	-41 18 40	PC	IMAGE	ALL	F569W		1	600	2478	1		2
NGC4696	12 48 49.3	-41 18 40	PC	IMAGE	ALL	F675W		1	600	2478	1		2
NGC4696	12 48 49.3	-41 18 40	PC	IMAGE	ALL	F664N		1	1800	2478	1		1
NGC4696	12 48 49.3	-41 18 40	PC	IMAGE	ALL	F664N		1	2100	2478	1		1
B21248+30	12 50 25.5	30 16 40	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
B21248+30	12 50 25.5	30 16 40	FOS/BL	ACCUM	1.0	G160L	1837	1	827	2424	2		1
NGC4725-FIELD	12 50 26.8	25 30 1	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC4725-FIELD	12 50 26.8	25 30 1	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC4725-FIELD	12 50 26.8	25 30 1	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC4725-FIELD	12 50 26.8	25 30 1	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC4725-FIELD	12 50 26.8	25 30 1	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC4725-FIELD	12 50 26.8	25 30 1	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC4725-FIELD	12 50 26.8	25 30 1	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
PG1248+401	12 50 48.3	39 51 40	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PG1248+401	12 50 48.3	39 51 40	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PG1248+401	12 50 48.3	39 51 40	FOS/RD	ACCUM	1.0	G190H	1980	1	1926	2424	1		1
PG1248+401	12 50 48.3	39 51 40	FOS/BL	ACCUM	1.0	G160L	1837	1	827	2424	1		1
PG1248+401	12 50 48.3	39 51 40	FOS/RD	ACCUM	1.0	G270H	2753	1	509	2424	1		1
3C277-1	12 52 26.3	56 34 20	FOS/RD	ACCUM	1.0	G400H	4000	1	900	2578	1		1
3C277-1	12 52 26.3	56 34 20	FOS/BL	ACCUM	1.0	G190H	1900	1	4380	2578	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C277-1	12 52 26.3	56 34 20	FOS/RD	ACCUM	1.0	G270H	2700	1	1080	2578	1		1
3C277-1	12 52 26.3	56 34 20	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
3C277-1	12 52 26.3	56 34 20	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
3C277-1	12 52 26.3	56 34 20	FOS/BL	ACCUM	1.0	G130H	1300	1	11220	2578	1		1
3C277.1	12 52 26.5	56 34 20	PC	IMAGE	ALL	F606W		1	600	2488	1		1
3C277.1	12 52 26.5	56 34 20	PC	IMAGE	ALL	F664N		1	1800	2488	1		1
UGC-8016	12 52 56.0	11 13 49	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-8016	12 52 56.0	11 13 49	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
HD112185	12 54 1.5	55 57 36	HRS	ACCUM	2.0	ECH-B	2061	1	57	2800	1		11
HD112185	12 54 1.5	55 57 36	HRS	ACCUM	2.0	ECH-B	2350	1	57	2800	1		11
HD112185	12 54 1.5	55 57 36	HRS	ACCUM	2.0	ECH-B	2965	1	57	2800	1		11
HD112185	12 54 1.5	55 57 36	HRS	ACCUM	2.0	ECH-B	2795	1	57	2800	1		11
HD112185	12 54 1.5	55 57 36	HRS	ACCUM	2.0	ECH-B	2585	1	57	2800	1		11
HD112185	12 54 1.5	55 57 36	HRS	ACCUM	2.0	ECH-B	2340	1	57	2800	1		11
HD112185	12 54 1.5	55 57 36	HRS	ACCUM	2.0	ECH-B	2364	1	57	2800	1		11
HD112185	12 54 1.5	55 57 36	HRS	ACCUM	2.0	ECH-B	2959	1	57	2800	1		11
HD112185	12 54 1.5	55 57 36	HRS	ACCUM	2.0	ECH-B	2802	1	57	2800	1		11
3C277.3	12 54 12.0	27 37 34	PC	IMAGE	ALL	F547M		1	600	2488	1		1
3C277.3	12 54 12.0	27 37 34	PC	IMAGE	ALL	F648M		1	600	2488	1		1
PKS1252+11	12 54 38.2	11 41 6	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS1252+11	12 54 38.2	11 41 6	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS1252+11	12 54 38.2	11 41 6	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	2		1
PKS1252+11	12 54 38.2	11 41 6	FOS/RD	ACCUM	1.0	G270H	2753	1	624	2424	2		1
PKS1252+11	12 54 38.2	11 41 6	FOS/RD	ACCUM	1.0	G190H	1980	1	2268	2424	2		1
HD112244	12 55 56.9	-56 50 9	HRS	ACCUM	0.25	ECH-A36	1549	1	690	2403	1		1
HD112244	12 55 56.9	-56 50 9	HRS	ACCUM	0.25	ECH-A40	1400	1	690	2403	1		1
HD112244	12 55 56.9	-56 50 9	HRS	ACCUM	0.25	ECH-A45	1240	1	635	2403	1		1
HD112244	12 55 56.9	-56 50 9	HRS	ACCUM	0.25	ECH-A45	1258	1	580	2403	1		1
HD112244	12 55 56.9	-56 50 9	HRS	ACCUM	0.25	ECH-A40	1391	1	845	2403	1		1
HD112244	12 55 56.9	-56 50 9	HRS	ACCUM	0.25	ECH-A47	1197	1	370	2403	1		1
HD112244	12 55 56.9	-56 50 9	HRS	ACCUM	0.25	ECH-A47	1204	1	585	2403	1		1
MC1253+104	12 56 7.6	10 8 54	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
MC1253+104	12 56 7.6	10 8 54	FOS/BL	ACCUM	1.0	G160L	1837	1	996	2424	3		1
3C279	12 56 11.1	-5 47 22	FGS	TRANS	1	F583W		1	586	2443	1		1
3C279	12 56 11.1	-5 47 22	FGS	TRANS	1	F650W		1	586	2443	1		1
3C279	12 56 11.1	-5 47 22	FGS	TRANS	2	F583W		1	586	2443	1		1
3C279	12 56 11.1	-5 47 22	FOS/RD	ACCUM	1.0	G400H	4000	1	780	2578	1		1
3C279	12 56 11.1	-5 47 22	FOS/RD	ACCUM	1.0	G270H	2700	1	900	2578	1		1
3C279	12 56 11.1	-5 47 22	FOS/RD	ACCUM	1.0	G190H	1900	1	1740	2578	1		1
3C279	12 56 11.1	-5 47 22	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
MARKARIAN231	12 56 13.9	56 52 26	PC	IMAGE	P8	F439W		1	200	2616	1		1
MARKARIAN231	12 56 13.9	56 52 26	PC	IMAGE	P8	F439W		1	2000	2616	1		1
MARKARIAN231	12 56 13.9	56 52 26	PC	IMAGE	P8	F675W		1	200	2616	1		1
MARKARIAN231	12 56 13.9	56 52 26	PC	IMAGE	P8	F675W		1	2000	2616	1		1
MARKARIAN231	12 56 13.9	56 52 26	PC	IMAGE	P8	F850LP		1	200	2616	1		1
MARKARIAN231	12 56 13.9	56 52 26	PC	IMAGE	P8	F850LP		1	2000	2616	1		1
NGC4826	12 56 43.7	21 41 0	PC	IMAGE	ALL	F555W		1	30	2600	2		1
NGC4826	12 56 43.7	21 41 0	PC	IMAGE	ALL	F555W		1	300	2600	2		1
NGC4826	12 56 43.7	21 41 0	PC	IMAGE	ALL	F785LP		1	23	2600	2		1
NGC4826	12 56 43.7	21 41 0	PC	IMAGE	ALL	F785LP		1	230	2600	2		1
1254+047	12 56 59.9	4 27 34	HRS	ACCUM	2.0	G270M	2807	5	500	2553	1		1
PG1254+047	12 57 0.1	4 27 34	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PG1254+047	12 57 0.1	4 27 34	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1254+047	12 57 0.1	4 27 34	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	3		1
PG1254+047	12 57 0.1	4 27 34	FOS/RD	ACCUM	1.0	G270H	2753	1	450	2424	3		1
GD-153	12 57 2.2	22 2 0	HRS	ACCUM	2.0	G140L	1288	1	900	2593	2		1
GR8	12 58 39.9	14 13 6	WFC	IMAGE	ALL	F194W		1	500	2416	1		1
GR8	12 58 39.9	14 13 6	WFC	IMAGE	ALL	F547M		1	90	2416	1		1
GR8	12 58 39.9	14 13 6	WFC	IMAGE	ALL	F656N		1	3000	2416	1		1
GR8	12 58 39.9	14 13 6	WFC	IMAGE	ALL	F702W		1	100	2416	1		1
GR8	12 58 39.9	14 13 6	WFC	IMAGE	ALL	F555W		2	100	2416	1		1
GR8	12 58 39.9	14 13 6	WFC	IMAGE	ALL	F502N		1	2500	2416	1		1
GR8	12 58 39.9	14 13 6	WFC	IMAGE	ALL	F336W		2	240	2416	1		1
GR8	12 58 39.9	14 13 6	WFC	IMAGE	ALL	F439W		2	150	2416	1		1
GR8	12 58 39.9	14 13 6	WFC	IMAGE	ALL	F785LP		1	200	2416	1		1
UGC-8102	12 59 27.0	14 10 15	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-8102	12 59 27.0	14 10 15	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC4874-NORTH	12 59 36.4	27 58 20	WFC	IMAGE	ALL	F791W		3	2400	2370	1		1
NGC4874-NORTH	12 59 36.4	27 58 20	WFC	IMAGE	ALL	F555W		6	2500	2370	1		1
NGC4889-WEST	13 0 4.1	27 58 20	WFC	IMAGE	ALL	F791W		3	2400	2370	1		1
NGC4889-WEST	13 0 4.1	27 58 20	WFC	IMAGE	ALL	F555W		5	2500	2370	1		1
1258+356	13 1 3.2	35 22 36	PC	IMAGE	ALL	F664N		3	600	2687	1		1
1258+356	13 1 3.2	35 22 36	PC	IMAGE	ALL	F718M		3	120	2687	1		1
PG1259+593	13 1 12.9	59 2 7	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1259+593	13 1 12.9	59 2 7	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1259+593	13 1 12.9	59 2 7	FOS/RD	ACCUM	1.0	G270H	2753	1	300	2424	3		1
PG1259+593	13 1 12.9	59 2 7	FOS/RD	ACCUM	1.0	G190H	1980	1	786	2424	3		1
PG1259+593	13 1 12.9	59 2 7	FOS/BL	ACCUM	1.0	G130H	1379	1	6672	2424	3		1
ESO-1259-5003	13 2 21.0	-50 20 6	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1259-5003	13 2 21.0	-50 20 6	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
POINT1302-102INCA221-87	13 4 48.8	-10 28 10	S/C	POINTING	V1			1	0	2861	1		1
INCA221-87	13 5 26.5	-10 19 29	FGS	POS	2	F550W		1	51	2861	1		2
PKS1302-102	13 5 33.0	-10 33 20	WFC	IMAGE	ALL	F785LP		1	500	2425	1		1
PKS1302-102	13 5 33.0	-10 33 20	WFC	IMAGE	ALL	F785LP		1	2300	2425	1		1
1302-102INCA221-87	13 5 33.0	-10 33 20	FGS	POS	2	F550W		1	51	2861	1		3
1302-102INCA221-88	13 5 33.0	-10 33 20	FGS	POS	2	F550W		1	51	2861	1		3
PKS1302-102	13 5 33.0	-10 33 20	FOS/BL	ACQ/BINA	4.3	MIRROR		1	7	2424	1	ACQ	1
PKS1302-102	13 5 33.0	-10 33 20	FOS/BL	ACCUM	1.0	G130H	1379	1	1620	2424	1		1
INCA221-88	13 5 41.7	-10 30 6	FGS	POS	2	F550W		1	51	2861	1		2
IC4182-FIELD	13 5 46.9	37 37 44	WFC	IMAGE	ALL	F555W		1	300	2547	1		5
IC4182-FIELD	13 5 46.9	37 37 44	WFC	IMAGE	ALL	F555W		1	600	2547	1		6
IC4182-FIELD	13 5 46.9	37 37 44	WFC	IMAGE	ALL	F702W		1	600	2547	1		1
IC4182-FIELD	13 5 46.9	37 37 44	WFC	IMAGE	ALL	F702W		1	900	2547	1		1
IC4182-FIELD	13 5 46.9	37 37 44	WFC	IMAGE	ALL	F555W		1	1200	2547	1		10
IC4182-FIELD	13 5 46.9	37 37 44	WFC	IMAGE	ALL	F702W		1	1200	2547	1		1
IC4182-FIELD	13 5 46.9	37 37 44	WFC	IMAGE	ALL	F785LP		1	1800	2547	1		1
IC4182-FIELD	13 5 46.9	37 37 44	WFC	IMAGE	ALL	F785LP		1	1200	2547	1		1
IC4182-FIELD	13 5 46.9	37 37 44	WFC	IMAGE	ALL	F785LP		1	2400	2547	1		1
POINT1302-102INCA221-88	13 6 14.3	-10 39 45	S/C	POINTING	V1			1	0	2861	1		1
PG1307+085	13 9 47.0	8 19 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PG1307+085	13 9 47.0	8 19 49	FOS/BL	ACCUM	1.0	G130H	1379	1	2496	2424	2		1
B21308+32	13 10 28.7	32 20 43	FOS/RD	ACQ/BINA	4.3	MIRROR		1	4	2424	1	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
B21308+32	13 10 28.7	32 20 43	FOS/RD	ACCUM	1.0	G270H	2753	1	456	2424	1		1
B21308+32	13 10 28.7	32 20 43	FOS/RD	ACCUM	1.0	G190H	1980	1	2586	2424	1		1
B2-1308+326	13 10 28.7	32 20 44	PC	IMAGE	ALL	F555W		1	200	2350	1		1
B2-1308+326	13 10 28.7	32 20 44	PC	IMAGE	ALL	F555W		1	800	2350	1		1
13H-DEEP-FIELD	13 12 16.1	42 44 39	WFC	IMAGE	W1	F555W		1	2500	2365	1		7
13H-DEEP-FIELD	13 12 16.1	42 44 39	FOC/48	IMAGE	512X1024	F220W		1	1816	2365	1		8
ESO-1310-1915	13 13 0.9	-19 31 4	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1310-1915	13 13 0.9	-19 31 4	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
UGC-8334	13 15 48.4	42 1 58	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-8334	13 15 48.4	42 1 58	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
ESO-1316-2046	13 18 53.6	-21 2 21	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1316-2046	13 18 53.6	-21 2 21	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PKS1317-00	13 19 38.6	-0 49 41	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS1317-00	13 19 38.6	-0 49 41	FOS/BL	ACCUM	1.0	G160L	1837	1	588	2424	1		1
TON153	13 19 56.0	27 28 11	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
TON153	13 19 56.0	27 28 11	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
TON153	13 19 56.0	27 28 11	FOS/BL	ACCUM	1.0	G160L	1837	1	624	2424	2		1
TON153	13 19 56.0	27 28 11	FOS/RD	ACCUM	1.0	G190H	1980	1	1440	2424	2		1
TON153	13 19 56.0	27 28 11	FOS/RD	ACCUM	1.0	G270H	2753	1	348	2424	2		1
TON156	13 21 15.9	28 47 19	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
TON156	13 21 15.9	28 47 19	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
TON156	13 21 15.9	28 47 19	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	3		1
TON156	13 21 15.9	28 47 19	FOS/RD	ACCUM	1.0	G270H	2753	1	672	2424	3		1
ESO-1319-2710	13 21 45.9	-27 25 53	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1319-2710	13 21 45.9	-27 25 53	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC5102-F2	13 21 52.1	-36 39 1	PC	IMAGE	ALL	F439W		1	3000	2436	1		1
NGC5102-F2	13 21 52.1	-36 39 1	PC	IMAGE	ALL	F569W		1	3000	2436	1		1
NGC5102-F1	13 21 55.8	-36 38 13	PC	IMAGE	ALL	F569W		1	3000	2436	1		1
NGC5102-F1	13 21 55.8	-36 38 13	PC	IMAGE	ALL	F439W		3	1500	2436	1		1
NGC5102-F3	13 22 23.6	-36 37 17	PC	IMAGE	ALL	F439W		1	3000	2436	1		1
NGC5102-F3	13 22 23.6	-36 37 17	PC	IMAGE	ALL	F569W		1	3000	2436	1		1
HD116658	13 25 11.5	-11 9 41	HRS	RAPID	2.0	G200M	1829	1	70	2544	1		5
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-A	1122	1	10	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-A	1303	1	9	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-B	2370	1	6	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	ACCUM	0.25	ECH-A	1548	1	8	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-A	1159	1	7	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-B	1744	1	17	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-B	1807	1	11	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	ACCUM	0.25	ECH-A	1547	1	8	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	ACCUM	0.25	ECH-A	1548	1	8	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	ACCUM	0.25	ECH-B	2323	1	3	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-B	2058	1	9	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-B	2025	1	9	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-A	1240	1	12	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-A	1357	1	19	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	ACCUM	0.25	ECH-A	1251	1	3	2251	2		2
HD116658	13 25 11.6	-11 9 41	HRS	ACCUM	0.25	ECH-A	1252	1	3	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	ACCUM	0.25	ECH-A	1334	1	3	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	ACCUM	0.25	ECH-A	1333	1	3	2251	2		2
HD116658	13 25 11.6	-11 9 41	HRS	ACCUM	0.25	ECH-B	2324	1	3	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	ACCUM	0.25	ECH-B	2325	1	3	2251	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-A	1192	1	8	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-B	1827	1	13	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-A	1279	1	7	2251	2		1
HD116658	13 25 11.6	-11 9 41	HRS	WSCAN	0.25	ECH-A	1391	1	22	2251	2		1
HD116658	13 25 11.7	-11 9 41	HRS	ACCUM	0.25	ECH-A36	1549	1	138	2403	1		1
HD116658	13 25 11.7	-11 9 41	HRS	ACCUM	0.25	ECH-A40	1400	1	138	2403	1		1
HD116658	13 25 11.7	-11 9 41	HRS	ACCUM	0.25	ECH-A45	1240	1	127	2403	1		1
HD116658	13 25 11.7	-11 9 41	HRS	ACCUM	0.25	ECH-A45	1258	1	116	2403	1		1
HD116658	13 25 11.7	-11 9 41	HRS	ACCUM	0.25	ECH-A40	1391	1	169	2403	1		1
HD116658	13 25 11.7	-11 9 41	HRS	ACCUM	0.25	ECH-A47	1197	1	74	2403	1		1
HD116658	13 25 11.7	-11 9 41	HRS	ACCUM	0.25	ECH-A47	1204	1	117	2403	1		1
NGC5139	13 25 37.0	-47 35 38	PC	IMAGE	P8	F606W		1	6	2565	1		2
NGC5139	13 25 37.0	-47 35 38	PC	IMAGE	P8	F658N		1	600	2565	1		1
ROA40	13 25 51.9	-47 30 16	HRS	ACCUM	2.0	G270M	2801	5	900	2693	1		1
ROA76	13 26 10.6	-47 31 19	HRS	ACCUM	2.0	G270M	2801	5	900	2693	1		1
ROA46	13 26 56.5	-47 20 52	HRS	ACCUM	2.0	G270M	2801	5	900	2693	1		1
NGC5194	13 29 50.4	47 13 12	WFC	IMAGE	ALL	F336W		1	3000	2576	1		1
NGC5194	13 29 50.4	47 13 12	WFC	IMAGE	ALL	F658N		1	3000	2576	1		1
NGC5194	13 29 50.4	47 13 12	WFC	IMAGE	ALL	F439W		1	1800	2576	1		1
NGC5194	13 29 50.4	47 13 12	WFC	IMAGE	ALL	F569W		1	1200	2576	1		1
NGC5194	13 29 50.4	47 13 12	WFC	IMAGE	ALL	F675W		1	2800	2576	1		1
PKS1327-21	13 30 7.1	-21 42 2	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS1327-21	13 30 7.1	-21 42 2	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS1327-21	13 30 7.1	-21 42 2	FOS/BL	ACCUM	1.0	G160L	1837	1	696	2424	1		1
PKS1327-21	13 30 7.1	-21 42 2	FOS/RD	ACCUM	1.0	G190H	1980	1	2130	2424	1		1
PKS1327-21	13 30 7.1	-21 42 2	FOS/RD	ACCUM	1.0	G270H	2753	1	744	2424	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P8	F336W		1	1	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P6	F336W		1	2	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P7	F336W		1	2	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P5	F785LP		1	1	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P6	F785LP		1	1	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P8	F785LP		1	1	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P5	F336W		1	2	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P5	F439W		1	0	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P6	F439W		1	0	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P7	F439W		1	0	2579	1		1
WD1327-083	13 30 14.4	-8 34 40	PC	IMAGE	P7	F785LP		1	1	2579	1		1
3C287.0	13 30 37.7	25 9 11	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
3C287.0	13 30 37.7	25 9 11	FOS/BL	ACCUM	1.0	G160L	1837	1	978	2424	2		1
3C286.0	13 31 8.3	30 30 33	PC	IMAGE	ALL	F702W		2	600	2488	1		1
MC1331+170	13 33 35.8	16 49 4	FOS/RD	ACCUM	1.0	G400H	4000	1	360	2578	2		1
MC1331+170	13 33 35.8	16 49 4	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
PG1333+176	13 36 2.0	17 25 14	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PG1333+176	13 36 2.0	17 25 14	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PG1333+176	13 36 2.0	17 25 14	FOS/BL	ACCUM	1.0	G160L	1837	1	384	2424	2		1
PG1333+176	13 36 2.0	17 25 14	FOS/RD	ACCUM	1.0	G190H	1980	1	1080	2424	2		1
PG1333+176	13 36 2.0	17 25 14	FOS/RD	ACCUM	1.0	G270H	2753	1	372	2424	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
IC4296	13 36 39.0	-33 57 56	FOC/96	IMAGE	512X512	F342W		1	240	2295	1		1
IC4296	13 36 39.0	-33 57 56	FOC/96	IMAGE	512X512	F480LP		1	460	2295	1		1
IC4296	13 36 39.0	-33 57 56	FOC/96	IMAGE	512X512	F175W		1	2039	2295	1		1
WOLF-489	13 36 42.0	3 41 26	FOS/RD	ACCUM	1.0	G270H	2700	1	1920	2593	2		1
M83-PAR1	13 37 1.2	-29 51 51	WFC	IMAGE	ALL	F547M		1	600	2356	1	PAR	1
M83-PAR1	13 37 1.2	-29 51 51	WFC	IMAGE	ALL	F658N		1	2000	2356	1	PAR	1
M83-PAR1	13 37 1.2	-29 51 51	WFC	IMAGE	ALL	F502N		1	2200	2356	1	PAR	1
M83-PAR1	13 37 1.2	-29 51 51	WFC	IMAGE	ALL	F673N		1	2200	2356	1	PAR	1
M83-PAR2	13 37 1.2	-29 51 51	WFC	IMAGE	ALL	F547M		1	600	2356	1	PAR	1
M83-PAR2	13 37 1.2	-29 51 51	WFC	IMAGE	ALL	F658N		1	2000	2356	1	PAR	1
M83-PAR2	13 37 1.2	-29 51 51	WFC	IMAGE	ALL	F502N		1	2200	2356	1	PAR	1
M83-PAR2	13 37 1.2	-29 51 51	WFC	IMAGE	ALL	F673N		1	2200	2356	1	PAR	1
M83-Q1	13 37 5.7	-29 50 28	WFC	IMAGE	ALL	F547M		1	2000	2356	1		1
M83-Q1	13 37 5.7	-29 50 28	WFC	IMAGE	ALL	F502N		1	2600	2356	1		1
M83-Q1	13 37 5.7	-29 50 28	WFC	IMAGE	ALL	F658N		1	3600	2356	1		1
M83-Q1	13 37 5.7	-29 50 28	WFC	IMAGE	ALL	F673N		1	3600	2356	1		1
ESO-1335-1737	13 38 3.0	-17 53 1	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1335-1737	13 38 3.0	-17 53 1	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC5253-FIELD	13 39 57.2	-31 39 32	WFC	IMAGE	ALL	F555W		1	300	2547	1		5
NGC5253-FIELD	13 39 57.2	-31 39 32	WFC	IMAGE	ALL	F555W		1	600	2547	1		6
NGC5253-FIELD	13 39 57.2	-31 39 32	WFC	IMAGE	ALL	F702W		1	600	2547	1		1
NGC5253-FIELD	13 39 57.2	-31 39 32	WFC	IMAGE	ALL	F702W		1	900	2547	1		1
NGC5253-FIELD	13 39 57.2	-31 39 32	WFC	IMAGE	ALL	F555W		1	1200	2547	1		10
NGC5253-FIELD	13 39 57.2	-31 39 32	WFC	IMAGE	ALL	F702W		1	1200	2547	1		1
NGC5253-FIELD	13 39 57.2	-31 39 32	WFC	IMAGE	ALL	F785LP		1	1800	2547	1		1
NGC5253-FIELD	13 39 57.2	-31 39 32	WFC	IMAGE	ALL	F785LP		1	1200	2547	1		1
NGC5253-FIELD	13 39 57.2	-31 39 32	WFC	IMAGE	ALL	F785LP		1	2400	2547	1		1
PG1338+416	13 41 0.8	41 23 14	FOC/288	IMAGE	512X512	F210M		1	1200	2624	1		1
PG1338+416	13 41 1.0	41 23 10	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1338+416	13 41 1.0	41 23 10	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1338+416	13 41 1.0	41 23 10	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	3		1
PG1338+416	13 41 1.0	41 23 10	FOS/RD	ACCUM	1.0	G270H	2753	1	342	2424	3		1
3C288-1	13 42 13.2	60 21 43	FOS/RD	ACCUM	1.0	G400H	4000	1	1320	2578	2		1
3C288-1	13 42 13.2	60 21 43	FOS/RD	ACCUM	1.0	G270H	2700	1	1620	2578	2		1
3C288-1	13 42 13.2	60 21 43	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
B21340+29	13 43 0.2	28 44 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
B21340+29	13 43 0.2	28 44 8	FOS/BL	ACCUM	1.0	G160L	1837	1	468	2424	1		1
1341+258	13 43 56.6	25 38 52	HRS	ACCUM	2.0	G270M	2851	5	500	2553	1		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-A	1122	1	348	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-A	1159	1	261	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-A	1303	1	330	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-B	1744	1	591	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-B	1807	1	400	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-B	2370	1	208	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	0.25	ECH-B	2323	1	127	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	0.25	ECH-A	1548	1	278	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	0.25	ECH-A	1547	1	278	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	0.25	ECH-A	1548	1	278	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	0.25	ECH-A	1251	1	110	2251	2		2
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	0.25	ECH-A	1252	1	110	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	0.25	ECH-A	1334	1	133	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	0.25	ECH-A	1333	1	133	2251	2		2

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	0.25	ECH-B	2324	1	127	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	ACCUM	0.25	ECH-B	2325	1	127	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-A	1192	1	295	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-B	1827	1	469	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-B	2058	1	330	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-A	1279	1	261	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-A	1240	1	417	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-A	1357	1	661	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-A	1391	1	765	2251	2		1
HD119608	13 44 31.3	-17 56 13	HRS	WSCAN	0.25	ECH-B	2025	1	330	2251	2		1
HD120086	13 47 19.2	-2 26 37	HRS	ACCUM	2.0	ECH-B	1808	1	86	2348	1		1
HD120086	13 47 19.2	-2 26 37	HRS	ACCUM	2.0	ECH-A	1251	1	72	2348	1		1
HD120086	13 47 19.2	-2 26 37	HRS	ACCUM	2.0	ECH-A	1303	1	72	2348	1		1
HD120086	13 47 19.2	-2 26 37	HRS	ACCUM	2.0	ECH-A	1609	1	158	2348	1		1
HD120086	13 47 19.2	-2 26 37	HRS	ACCUM	2.0	ECH-A	1672	1	230	2348	1		1
HD120086	13 47 19.2	-2 26 37	HRS	ACCUM	2.0	ECH-B	1858	1	100	2348	1		1
ABELL1795	13 48 52.5	26 35 35	WFC	IMAGE	ALL	F230W		1	7200	2630	1		1
ABELL1795	13 48 52.5	26 35 35	WFC	IMAGE	ALL	F439W		1	2900	2630	1		1
ABELL1795	13 48 52.5	26 35 35	WFC	IMAGE	ALL	F725LP		1	2000	2630	1		1
4C53.28	13 49 34.8	53 41 17	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
4C53.28	13 49 34.8	53 41 17	FOS/BL	ACCUM	1.0	G160L	1837	1	654	2424	2		1
Q1349+001	13 51 50.4	-0 7 40	FOC/288	IMAGE	512X512	F220W F2ND		1	1200	2624	1		1
3C293.0	13 52 17.8	31 26 47	PC	IMAGE	ALL	F517N		1	800	2488	1		1
3C293.0	13 52 17.8	31 26 47	PC	IMAGE	ALL	F569W		2	300	2488	1		1
PG1351+64	13 53 15.9	63 45 46	FOS/BL	ACQ/BINA	4.3	MIRROR		1	7	2717	1	ACQ	1
PG1351+64	13 53 15.9	63 45 46	FOS/BL	ACCUM	0.5	G270H	2769	1	500	2717	1		1
PG1351+64	13 53 15.9	63 45 46	FOS/BL	ACCUM	0.5	G130H	1379	1	2400	2717	1		1
PG1351+64	13 53 15.9	63 45 46	FOS/BL	ACCUM	0.5	G190H	1944	1	1900	2717	1		1
PG1352+011	13 54 58.7	0 52 10	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PG1352+011	13 54 58.7	0 52 10	FOS/RD	ACQ/BINA	4.3	MIRROR		1	8	2424	1	ACQ	1
PG1352+011	13 54 58.7	0 52 10	FOS/BL	ACCUM	1.0	G160L	1837	1	750	2424	1		1
PG1352+011	13 54 58.7	0 52 10	FOS/RD	ACCUM	1.0	G270H	2753	1	396	2424	1		1
PG1352+011	13 54 58.7	0 52 10	FOS/RD	ACCUM	1.0	G190H	1980	1	1764	2424	1		1
HD121800	13 55 15.5	66 7 0	HRS	ACCUM	2.0	G160M	1540	2	288	2257	1		1
HD121800	13 55 15.5	66 7 0	HRS	ACCUM	2.0	G160M	1860	2	330	2257	1		1
HD121800	13 55 15.5	66 7 0	HRS	ACCUM	2.0	G160M	1245	2	240	2257	1		1
HD121800	13 55 15.5	66 7 0	HRS	ACCUM	2.0	ECH-B	1855	3	360	2257	1		1
HD121800	13 55 15.5	66 7 0	HRS	ACCUM	2.0	ECH-A	1549	4	300	2257	1		1
HD121800	13 55 15.5	66 7 0	HRS	ACCUM	2.0	G160M	1342	2	186	2257	1		1
HD121800	13 55 15.5	66 7 0	HRS	ACCUM	2.0	G160M	1387	2	318	2257	1		1
HD121800	13 55 15.5	66 7 0	HRS	ACCUM	2.0	ECH-A	1236	3	276	2257	1		1
HD121800	13 55 15.5	66 7 0	HRS	ACCUM	2.0	ECH-A	1392	4	306	2257	1		1
HD121800	13 55 15.5	66 7 0	HRS	ACCUM	2.0	ECH-B	2603	2	311	2257	1		1
MARK463	13 56 2.8	18 22 19	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
MARK463	13 56 2.8	18 22 19	FOS/BL	ACCUM	1.0	G130H	1379	1	528	2424	3		1
MKN463	13 56 2.9	18 22 19	PC	IMAGE	ALL	F517N		1	1200	2488	1		1
MKN463	13 56 2.9	18 22 19	PC	IMAGE	ALL	F588N		1	1200	2488	1		1
MRK463E	13 56 2.9	18 22 19	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK463E	13 56 2.9	18 22 19	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
UGC-8853	13 56 12.0	5 0 52	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-8853	13 56 12.0	5 0 52	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PKS1354+19	13 57 4.5	19 19 6	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PKS1354+19	13 57 4.5	19 19 6	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS1354+19	13 57 4.5	19 19 6	FOS/BL	ACCUM	1.0	G160L	1837	1	456	2424	2		1
PKS1354+19	13 57 4.5	19 19 6	FOS/RD	ACCUM	1.0	G190H	1980	1	1158	2424	2		1
PKS1354+19	13 57 4.5	19 19 6	FOS/RD	ACCUM	1.0	G270H	2753	1	365	2424	2		1
ESO-1355-2904	13 57 54.0	-29 19 1	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1355-2904	13 57 54.0	-29 19 1	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
4C58.29	13 58 17.6	57 52 5	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
4C58.29	13 58 17.6	57 52 5	FOS/BL	ACCUM	1.0	G160L	1837	1	1170	2424	3		1
PKS1355-418	13 59 0.2	-41 52 53	PC	IMAGE	ALL	F664N		2	600	2687	1		1
PKS1355-418	13 59 0.2	-41 52 53	PC	IMAGE	ALL	F718M		3	120	2687	1		1
PG1358+04	14 0 31.9	4 4 58	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1358+04	14 0 31.9	4 4 58	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1358+04	14 0 31.9	4 4 58	FOS/RD	ACCUM	1.0	G270H	2753	1	480	2424	3		1
PG1358+04	14 0 31.9	4 4 58	FOS/BL	ACCUM	1.0	G130H	1379	1	10770	2424	3		1
PG1358+04	14 0 31.9	4 4 58	FOS/RD	ACCUM	1.0	G190H	1980	1	1344	2424	3		1
HD122563	14 2 32.0	9 41 11	HRS	ACCUM	0.25	ECH-B19	2927	3	3567	2474	1		1
HD122563	14 2 32.0	9 41 11	HRS	ACCUM	0.25	ECH-B19	2997	3	3567	2474	1		1
HD122563	14 2 32.0	9 41 11	HRS	ACCUM	0.25	ECH-B18	3061	3	4200	2474	1		1
NGC5457-FLD1	14 3 12.8	54 21 3	WFC	IMAGE	ALL	F336W		1	1200	2227	1		2
NGC5457-FLD1	14 3 12.8	54 21 3	WFC	IMAGE	ALL	F555W		1	1200	2227	1		13
NGC5457-FLD1	14 3 12.8	54 21 3	WFC	IMAGE	ALL	F785LP		1	1200	2227	1		4
NGC5457-FLD1	14 3 12.8	54 21 3	FOC/48	IMAGE	512X1024	F150W		1	1200	2227	1	PAR	12
NGC5457-FLD1	14 3 12.8	54 21 3	FOC/48	IMAGE	512X1024	F430W		1	1200	2227	1	PAR	3
NGC5457-FLD1	14 3 12.8	54 21 3	FOC/48	IMAGE	512X1024	F150W		2	1200	2227	1	PAR	1
NGC5457-FLD1	14 3 12.8	54 21 3	FOC/48	IMAGE	512X1024	F430W		2	1200	2227	1	PAR	1
NGC5457-FLD2	14 3 12.8	54 21 3	WFC	IMAGE	ALL	F336W		1	1200	2227	1		2
NGC5457-FLD2	14 3 12.8	54 21 3	WFC	IMAGE	ALL	F555W		1	1200	2227	1		13
NGC5457-FLD2	14 3 12.8	54 21 3	WFC	IMAGE	ALL	F785LP		1	1200	2227	1		4
NGC5457-FLD2	14 3 12.8	54 21 3	FOC/48	IMAGE	512X1024	F150W		1	1200	2227	1	PAR	12
NGC5457-FLD2	14 3 12.8	54 21 3	FOC/48	IMAGE	512X1024	F430W		1	1200	2227	1	PAR	3
NGC5457-FLD2	14 3 12.8	54 21 3	FOC/48	IMAGE	512X1024	F150W		2	1200	2227	1	PAR	1
NGC5457-FLD2	14 3 12.8	54 21 3	FOC/48	IMAGE	512X1024	F430W		2	1200	2227	1	PAR	1
1E1401+0952	14 4 11.1	9 37 38	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
1E1401+0952	14 4 11.1	9 37 38	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
1E1401+0952	14 4 11.1	9 37 38	FOS/RD	ACCUM	1.0	G270H	2753	1	438	2424	3		1
1E1401+0952	14 4 11.1	9 37 38	FOS/BL	ACCUM	1.0	G130H	1379	1	9948	2424	3		1
1E1401+0952	14 4 11.1	9 37 38	FOS/RD	ACCUM	1.0	G190H	1980	1	1218	2424	3		1
UGC-9013	14 5 1.6	53 39 42	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-9013	14 5 1.6	53 39 42	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PG1402+261	14 5 16.2	25 55 34	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PG1402+261	14 5 16.2	25 55 34	FOS/BL	ACCUM	1.0	G130H	1379	1	3683	2424	2		1
INCA221-92	14 6 40.8	28 29 4	FGS	POS	2	F550W		1	51	2861	1		2
STAR294	14 6 43.3	34 11 24	PC	IMAGE	ALL-ND	F413M		2	1700	2698	1		1
3C294	14 6 44.1	34 11 25	FOC/96	IMAGE	512X512	F346M		2	2800	2698	1		1
1404+286INCA221-92	14 7 0.5	28 27 15	FGS	POS	2	F550W		1	51	2861	1		3
POINT1404+286INCA221-92	14 7 9.1	28 38 39	S/C	POINTING	V1			1	0	2861	1		1
V834-CEN	14 9 7.5	-45 17 17	HSP/VIS	PRISM	1.0	F551W/F240W		1	1741	2660	1		1
PG1407+265	14 9 23.9	26 18 22	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PG1407+265	14 9 23.9	26 18 22	FOS/BL	ACCUM	1.0	G160L	1837	1	528	2424	1		1
PG1407+265	14 9 23.9	26 18 22	FOS/RD	ACCUM	1.0	G270H	2753	1	330	2424	1		1
PG1407+265	14 9 23.9	26 18 22	FOS/RD	ACCUM	1.0	G190H	1980	1	1284	2424	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PG1407+265	14 9 23.9	26 18 22	FOS/RD	ACQ/BINA	4.3	MIRROR		1	7	2424	1	ACQ	1
PG1407+265	14 9 24.0	26 18 22	FOS/BL	ACCUM	0.5	PRISM	3675	1	180	2296	1		1
PG1407+265	14 9 24.0	26 18 22	FOS/BL	ACCUM	0.5	G190H	1938	1	3400	2296	1		1
PG1407+265	14 9 24.0	26 18 22	FOS/BL	ACCUM	0.5	G270H	2766	1	720	2296	1		1
PG1407+265	14 9 24.0	26 18 22	FOS/BL	ACQ/BINA	4.3	MIRROR		1	6	2296	1	ACQ	1
PG1407+265	14 9 24.0	26 18 22	FOS/BL	ACCUM	0.5	G130H	1379	1	6599	2296	1		1
PG1411+218	14 13 27.2	21 37 48	HRS	ACCUM	2.0	G140L	1288	1	900	2593	2		1
Q1413+117-C	14 15 46.0	11 29 45*	FOS/RD	ACCUM	0.5	G400H		1	2350	2649	1		1
Q1413+117-C	14 15 46.0	11 29 45*	FOS/RD	ACCUM	0.5	G570H		1	2350	2649	1		1
Q1413+117-C	14 15 46.0	11 29 45*	FOS/RD	ACQ/PEAK	0.5	MIRROR		1	23	2649	1	ACQ	1
Q1413+117	14 15 46.3	11 29 44	PC	IMAGE	P7	F439W		1	980	2649	1	ACQ	1
Q1413+117	14 15 46.3	11 29 44	PC	IMAGE	P7	F702W		2	144	2649	1	ACQ	1
Q1413+117	14 15 46.3	11 29 44	PC	IMAGE	ALL	F439W		1	980	2649	1	ACQ	1
Q1413+117	14 15 46.3	11 29 44	PC	IMAGE	ALL	F439W		2	450	2649	1	ACQ	1
Q1413+117-A	14 15 46.3	11 29 44*	FOS/RD	ACCUM	0.5	G400H		1	1800	2649	1		1
Q1413+117-A	14 15 46.3	11 29 44*	FOS/RD	ACCUM	0.5	G570H		1	1800	2649	1		1
Q1413+117-A	14 15 46.3	11 29 44*	FOS/RD	ACQ/PEAK	0.5	MIRROR		1	18	2649	1	ACQ	1
1413+117	14 15 46.3	11 29 44	WFC	IMAGE	ALL	F555W		1	100	2350	1		1
1413+117	14 15 46.3	11 29 44	WFC	IMAGE	ALL	F555W		1	500	2350	1		1
1413+117	14 15 46.3	11 29 44	WFC	IMAGE	ALL	F555W		1	2000	2350	1		1
1413+117	14 15 46.3	11 29 44	WFC	IMAGE	ALL	F785LP		1	100	2350	1		1
1413+117	14 15 46.3	11 29 44	WFC	IMAGE	ALL	F785LP		1	500	2350	1		1
1413+117	14 15 46.3	11 29 44	WFC	IMAGE	ALL	F785LP		1	2000	2350	1		1
Q1413+117-GAL	14 15 46.3	11 29 44*	FOS/RD	ACCUM	0.5	G650L		1	2650	2649	1		1
Q1413+117-B	14 15 46.4	11 29 44*	FOS/RD	ACCUM	0.5	G400H		1	2130	2649	1		1
Q1413+117-B	14 15 46.4	11 29 44*	FOS/RD	ACCUM	0.5	G570H		1	2130	2649	1		1
Q1413+117-B	14 15 46.4	11 29 44*	FOS/RD	ACQ/PEAK	0.5	MIRROR		1	20	2649	1	ACQ	1
Q1413+117-OFFSET	14 15 47.7	11 29 52	FOS/RD	ACQ/BINA	4.3	MIRROR		1	22	2649	1	ACQ	1
NGC5055-FIELD	14 16 1.8	42 3 14	WFC	IMAGE	ALL	F555W		1	600	2547	1		6
NGC5055-FIELD	14 16 1.8	42 3 14	WFC	IMAGE	ALL	F702W		1	600	2547	1		1
NGC5055-FIELD	14 16 1.8	42 3 14	WFC	IMAGE	ALL	F702W		1	900	2547	1		1
NGC5055-FIELD	14 16 1.8	42 3 14	WFC	IMAGE	ALL	F555W		1	1200	2547	1		10
NGC5055-FIELD	14 16 1.8	42 3 14	WFC	IMAGE	ALL	F702W		1	1200	2547	1		1
NGC5055-FIELD	14 16 1.8	42 3 14	WFC	IMAGE	ALL	F785LP		1	1800	2547	1		1
NGC5055-FIELD	14 16 1.8	42 3 14	WFC	IMAGE	ALL	F785LP		1	1200	2547	1		1
NGC5055-FIELD	14 16 1.8	42 3 14	WFC	IMAGE	ALL	F785LP		1	2400	2547	1		1
1E1415+2513	14 17 18.6	24 59 33	PC	IMAGE	ALL	F555W		1	200	2350	1		1
1E1415+2513	14 17 18.6	24 59 33	PC	IMAGE	ALL	F555W		1	800	2350	1		1
MC1415+172	14 18 3.8	17 3 25	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
MC1415+172	14 18 3.8	17 3 25	FOS/BL	ACCUM	1.0	G160L	1837	1	642	2424	3		1
3C298.0	14 19 8.2	6 28 35	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
3C298.0	14 19 8.2	6 28 35	FOS/BL	ACCUM	1.0	G160L	1837	1	762	2424	1		1
1418+546INCA221-97	14 19 46.6	54 23 14	FGS	POS	2	F583W		1	51	2861	1		3
INCA221-97	14 20 18.4	54 30 19	FGS	POS	2	F583W		1	51	2861	1		2
POINT1418+546INCA221-97	14 21 7.6	54 20 12	S/C	POINTING	V1			1	0	2861	1		1
ESO-1418-4604	14 21 12.8	-46 17 56	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-1418-4604	14 21 12.8	-46 17 56	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
MARK679	14 23 26.1	32 52 21	FOC/288	IMAGE	512X512	F210M		1	2400	2624	1		1
PKS1422+20	14 24 56.9	20 0 26	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS1422+20	14 24 56.9	20 0 26	FOS/BL	ACCUM	1.0	G160L	1837	1	804	2424	2		1
B21425+26	14 27 35.7	26 32 14	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
B21425+26	14 27 35.7	26 32 14	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
B21425+26	14 27 35.7	26 32 14	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	3		1
B21425+26	14 27 35.7	26 32 14	FOS/RD	ACCUM	1.0	G270H	2753	1	642	2424	3		1
B21425+26	14 27 35.7	26 32 14	FOS/RD	ACCUM	1.0	G190H	1980	1	2466	2424	3		1
G200-39	14 27 38.0	53 48 13	HRS	ACCUM	2.0	G140L	1288	1	900	2593	2		1
PKS1424-11	14 27 38.2	-12 3 51	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS1424-11	14 27 38.2	-12 3 51	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS1424-11	14 27 38.2	-12 3 51	FOS/BL	ACCUM	1.0	G160L	1837	1	774	2424	2		1
PKS1424-11	14 27 38.2	-12 3 51	FOS/RD	ACCUM	1.0	G270H	2753	1	606	2424	2		1
PKS1424-11	14 27 38.2	-12 3 51	FOS/RD	ACCUM	1.0	G190H	1980	1	2058	2424	2		1
MARK1383	14 29 6.6	1 17 5	FOS/BL	ACCUM	0.5	PRISM	3675	1	180	2296	1		1
MARK1383	14 29 6.6	1 17 5	FOS/BL	ACCUM	0.5	G130H	1379	1	780	2296	1		1
MARK1383	14 29 6.6	1 17 5	FOS/BL	ACCUM	0.5	G190H	1938	1	650	2296	1		1
MARK1383	14 29 6.6	1 17 5	FOS/BL	ACCUM	0.5	G270H	2766	1	220	2296	1		1
MARK1383	14 29 6.6	1 17 5	FOS/BL	ACQ/BINA	4.3	MIRROR		1	6	2296	1	ACQ	1
NGC5643	14 32 37.4	-44 12 12	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
NGC5643	14 32 37.4	-44 12 12	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
NGC5674	14 33 52.4	5 27 30	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
NGC5674	14 33 52.4	5 27 30	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
G166-37	14 34 51.1	25 10 3	FGS	POS	PRIME	F583W		1	50	2428	1		34
G166-37	14 34 51.1	25 10 3	FGS	POS	PRIME	F583W		1	50	2428	2		34
G166-37	14 34 51.1	25 10 3	FGS	POS	PRIME	F583W		1	50	2428	3		14
G166-37	14 34 51.1	25 10 3	FGS	TRANS	PRIME	F583W		1	10	2428	1		1
HD128620	14 39 36.3	-60 50 7	HRS	ACCUM	0.25	MIRROR-A2		1	0	2461	1		2
HD128620	14 39 36.3	-60 50 7	HRS	ACCUM	0.25	ECH-B	2805	2	136	2461	1		1
HD128620	14 39 36.3	-60 50 7	HRS	ACCUM	0.25	ECH-B	2345	2	408	2461	1		1
HD128620	14 39 36.3	-60 50 7	HRS	ACCUM	0.25	ECH-B	2854	4	190	2461	1		1
HD128620	14 39 36.3	-60 50 7	HRS	ACCUM	0.25	ECH-B	2581	2	81	2461	1		1
HD128620	14 39 36.3	-60 50 7	HRS	ACCUM	0.25	ECH-B	2596	4	217	2461	1		1
MRK477	14 40 38.1	53 30 16	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK477	14 40 38.1	53 30 16	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
MKN477	14 40 38.1	53 30 16	PC	IMAGE	ALL	F517N		1	1000	2488	1		1
MKN477	14 40 38.1	53 30 16	PC	IMAGE	ALL	F569W		1	1000	2488	1		1
NGC5728	14 42 23.9	-17 15 11	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
NGC5728	14 42 23.9	-17 15 11	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
MC1442+117	14 44 50.8	11 31 57	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
MC1442+117	14 44 50.8	11 31 57	FOS/BL	ACCUM	1.0	G160L	1837	1	1134	2424	3		1
3C305.0	14 49 21.9	63 16 14	PC	IMAGE	ALL	F517N		1	1000	2488	1		1
3C305.0	14 49 21.9	63 16 14	PC	IMAGE	ALL	F569W		1	1200	2488	1		1
GAL-CLUS-144642+2621 -FLD1	14 49 28.2	26 7 57	WFC	IMAGE	ALL	F814W		3	2300	2373	1		1
GAL-CLUS-144642+2621 -FLD1	14 49 28.2	26 7 57	WFC	IMAGE	ALL	F555W		4	2300	2373	1		1
MRK1388	14 50 37.8	22 44 4	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK1388	14 50 37.8	22 44 4	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
L151-81A	14 58 5.6	-63 17 1	FOS/RD	ACCUM	1.0	G270H	2700	1	1200	2593	2		1
L151-81B	14 58 5.6	-63 17 1	FOS/RD	ACCUM	1.0	G270H	2700	1	900	2593	2		1
UGC-9631	14 58 22.9	-1 5 25	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-9631	14 58 22.9	-1 5 25	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
3C309.1	14 59 7.7	71 40 20	PC	IMAGE	ALL	F606W		2	600	2488	1		1
H1504+65	15 2 9.7	66 12 19	HRS	ACCUM	2.0	G140L	1530	1	1710	2593	1		1
H1504+65	15 2 9.7	66 12 19	HRS	ACCUM	2.0	G140L	1288	1	564	2593	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SN1006P1	15 2 16.9	-41 45 13	WFC	IMAGE	ALL	F656N		2	2600	2355	1		1
SN1006P1	15 2 16.9	-41 45 13	WFC	IMAGE	ALL	F658N		2	2600	2355	1		1
STAR-1503-4159	15 2 53.2	-41 59 16	FOS/BL	ACCUM	1.0	G190H		1	8100	2434	1		1
STAR-1503-4159	15 2 53.2	-41 59 16	FOS/RD	ACCUM	1.0	G270H		1	3600	2434	1		1
STAR-1503-4159	15 2 53.2	-41 59 16	FOS/RD	ACQ/BINA	4.3	MIRROR		1	10	2434	1	ACQ	1
STAR-1503-4159	15 2 53.2	-41 59 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2434	1	ACQ	1
MARK841	15 4 1.2	10 26 16	FOS/BL	ACCUM	0.5	PRISM	3675	1	210	2296	1		1
MARK841	15 4 1.2	10 26 16	FOS/BL	ACCUM	0.5	G190H	1938	1	700	2296	1		1
MARK841	15 4 1.2	10 26 16	FOS/BL	ACCUM	0.5	G130H	1379	1	1350	2296	1		1
MARK841	15 4 1.2	10 26 16	FOS/BL	ACCUM	0.5	G270H	2766	1	240	2296	1		1
MARK841	15 4 1.2	10 26 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	6	2296	1	ACQ	1
NGC5845	15 6 0.8	1 38 1	PC	IMAGE	ALL	F555W		1	30	2600	1		1
NGC5845	15 6 0.8	1 38 1	PC	IMAGE	ALL	F555W		1	300	2600	1		1
NGC5845	15 6 0.8	1 38 1	PC	IMAGE	ALL	F785LP		1	25	2600	1		1
NGC5845	15 6 0.8	1 38 1	PC	IMAGE	ALL	F785LP		1	250	2600	1		1
NGC5846	15 6 29.2	1 36 20	FOC/96	IMAGE	512X512	F342W		1	240	2295	1		1
NGC5846	15 6 29.2	1 36 20	FOC/96	IMAGE	512X512	F480LP		1	460	2295	1		1
NGC5846	15 6 29.2	1 36 20	FOC/96	IMAGE	512X512	F175W		1	2039	2295	1		1
PKS1504-167	15 7 4.7	-16 52 31	FOS/RD	ACCUM	1.0	G400H	4000	1	1620	2578	2		1
PKS1504-167	15 7 4.7	-16 52 31	FOS/RD	ACCUM	1.0	G190H	1900	1	4860	2578	2		1
PKS1504-167	15 7 4.7	-16 52 31	FOS/RD	ACCUM	1.0	G270H	2700	1	1980	2578	2		1
PKS1504-167	15 7 4.7	-16 52 31	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
PKS1510-08	15 12 50.5	-9 6 0	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS1510-08	15 12 50.5	-9 6 0	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS1510-08	15 12 50.5	-9 6 0	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	1		1
PKS1510-08	15 12 50.5	-9 6 0	FOS/RD	ACCUM	1.0	G270H	2753	1	402	2424	1		1
PKS1510-08	15 12 50.5	-9 6 0	FOS/RD	ACCUM	1.0	G190H	1980	1	3144	2424	1		1
B21512+37	15 14 43.0	36 50 50	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
B21512+37	15 14 43.0	36 50 50	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
B21512+37	15 14 43.0	36 50 50	FOS/RD	ACCUM	1.0	G190H	1980	1	1410	2424	2		1
B21512+37	15 14 43.0	36 50 50	FOS/RD	ACCUM	1.0	G270H	2753	1	480	2424	2		1
B21512+37	15 14 43.0	36 50 50	FOS/BL	ACCUM	1.0	G130H	1379	1	7374	2424	2		1
PLUTO-REF-POSITION1	15 17 40.4	-2 34 52*	WFC	IMAGE	W1	F785LP		1	0	2215	1		1
PLUTO-REF-POSITION2	15 17 40.5	-2 35 2*	WFC	IMAGE	W1	F785LP		1	0	2215	1		1
PLUTO-REF-POSITION4	15 17 40.6	-2 35 28*	WFC	IMAGE	W1	F785LP		1	0	2215	1		1
PLUTO-REF-POSITION3	15 17 40.7	-2 35 26*	WFC	IMAGE	W1	F785LP		1	0	2215	1		1
PLUTO-REF-POSITION5	15 17 41.0	-2 35 47*	WFC	IMAGE	W1	F785LP		1	0	2215	1		1
PLUTO-REF-POSITION6	15 17 41.1	-2 35 54*	WFC	IMAGE	W1	F785LP		1	0	2215	1		1
PG1522+101	15 24 24.6	9 58 30	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1522+101	15 24 24.6	9 58 30	FOS/BL	ACCUM	1.0	G160L	1837	1	461	2424	3		1
1522+113	15 25 2.9	11 7 44	PC	IMAGE	ALL	F664N		3	600	2687	1		1
1522+113	15 25 2.9	11 7 44	PC	IMAGE	ALL	F718M		3	120	2687	1		1
NGC5929	15 26 6.2	41 40 14	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
NGC5929	15 26 6.2	41 40 14	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
NGC5927-COMPARISON-FIELD	15 26 46.2	-50 33 34	PC	IMAGE	ALL	F791W		1	280	2419	1		2
NGC5927-COMPARISON-FIELD	15 26 46.2	-50 33 34	PC	IMAGE	ALL	F555W		2	140	2419	1		1
NGC5927	15 27 59.1	-50 39 55	PC	IMAGE	ALL	F791W		1	280	2419	1		1
NGC5927	15 27 59.1	-50 39 55	PC	IMAGE	ALL	F791W		2	280	2419	1		1
NGC5927	15 27 59.1	-50 39 55	PC	IMAGE	ALL	F555W		3	140	2419	1		1
EX1526+285	15 28 40.7	28 25 29	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
EX1526+285	15 28 40.7	28 25 29	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
EX1526+285	15 28 40.7	28 25 29	FOS/RD	ACCUM	1.0	G190H	1980	1	1590	2424	1		1
EX1526+285	15 28 40.7	28 25 29	FOS/RD	ACCUM	1.0	G270H	2753	1	528	2424	1		1
EX1526+285	15 28 40.7	28 25 29	FOS/BL	ACCUM	1.0	G130H	1379	1	10566	2424	1		1
3C321.0	15 31 43.5	24 4 19	PC	IMAGE	ALL	F547M		1	1200	2488	1		1
3C321.0	15 31 43.5	24 4 19	PC	IMAGE	ALL	F648M		1	1200	2488	1		1
PG1538+477	15 39 34.5	47 35 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PG1538+477	15 39 34.5	47 35 36	FOS/BL	ACCUM	1.0	G160L	1837	1	480	2424	2		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P5	F555W		1	2	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P6	F555W		1	2	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P5	F336W		1	15	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P6	F336W		1	14	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P7	F336W		1	13	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P7	F439W		1	4	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P8	F336W		1	5	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P8	F439W		1	3	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P8	F555W		1	1	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P5	F785LP		1	13	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P8	F785LP		1	13	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P5	F439W		1	6	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P6	F439W		1	6	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P7	F555W		1	1	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P6	F785LP		1	12	2579	1		1
WD1542+182	15 44 19.3	18 6 46	PC	IMAGE	P7	F785LP		1	14	2579	1		1
B21542+37	15 44 45.1	37 13 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
B21542+37	15 44 45.1	37 13 8	FOS/BL	ACCUM	1.0	G160L	1837	1	917	2424	1		1
PG1543+489	15 45 30.1	48 46 13	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1543+489	15 45 30.1	48 46 13	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG1543+489	15 45 30.1	48 46 13	FOS/RD	ACCUM	1.0	G190H	1980	1	1530	2424	3		1
PG1543+489	15 45 30.1	48 46 13	FOS/RD	ACCUM	1.0	G270H	2753	1	276	2424	3		1
PG1543+489	15 45 30.1	48 46 13	FOS/BL	ACCUM	1.0	G130H	1379	1	11772	2424	3		1
L481-60	15 47 29.0	-37 54 14	HRS	ACCUM	2.0	G140L	1288	1	600	2593	2		1
3C323-1	15 47 43.5	20 52 16	FOS/RD	ACCUM	1.0	G400H	4000	1	300	2578	1		1
3C323-1	15 47 43.5	20 52 16	FOS/RD	ACCUM	1.0	G190H	1900	1	600	2578	1		1
3C323-1	15 47 43.5	20 52 16	FOS/BL	ACCUM	1.0	G130H	1300	1	3540	2578	1		1
3C323-1	15 47 43.5	20 52 16	FOS/RD	ACCUM	1.0	G270H	2700	1	360	2578	1		1
3C323-1	15 47 43.5	20 52 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
3C323-1	15 47 43.5	20 52 16	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
3C325.0	15 49 58.4	62 41 22	PC	IMAGE	ALL	F606W		1	1800	2488	1		1
MC1548+114	15 50 43.6	11 20 48	FOS/RD	ACCUM	1.0	G400H	4000	1	420	2578	1		1
MC1548+114	15 50 43.6	11 20 48	FOS/RD	ACCUM	1.0	G190H	1900	1	1500	2578	1		1
MC1548+114	15 50 43.6	11 20 48	FOS/RD	ACCUM	1.0	G270H	2700	1	540	2578	1		1
MC1548+114	15 50 43.6	11 20 48	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-A	1548	1	76	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-A	1122	1	96	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-A	1159	1	72	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-A	1303	1	91	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-B	2370	1	57	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-B	1744	1	163	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-B	1807	1	110	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-A	1547	1	76	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-A	1548	1	76	2251	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-B	2324	1	35	2251	1		2
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-B	2323	1	35	2251	1		3
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-B	2325	1	35	2251	1		2
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-A	1251	1	30	2251	1		2
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-A	1252	1	30	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-A	1334	1	36	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-A	1333	1	36	2251	1		2
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-A	1192	1	81	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-B	2058	1	91	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-B	1827	1	129	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-A	1279	1	72	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-B	2025	1	91	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-A	1240	1	115	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-A	1357	1	182	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-B	2324	1	35	2251	1		2
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-B	2323	1	35	2251	1		1
HD141637	15 50 58.7	-25 45 5	HRS	ACCUM	0.25	ECH-B	2325	1	35	2251	1		2
HD141637	15 50 58.7	-25 45 5	HRS	WSCAN	0.25	ECH-A	1391	1	211	2251	1		1
MR-SER	15 52 47.2	18 56 28	HSP/VIS	PRISM	1.0	F551W/F240W		1	1741	2660	1		1
3C326.1	15 56 10.1	20 4 21	PC	IMAGE	ANY	F413M		2	1700	2698	1		1
3C326.1	15 56 10.1	20 4 21	FOC/96	IMAGE	512X512	F346M		2	2800	2698	1		1
B21555+33	15 57 29.9	33 4 47	FOS/RD	ACCUM	1.0	G400H	4000	1	1560	2578	2		1
B21555+33	15 57 29.9	33 4 47	FOS/RD	ACCUM	1.0	G270H	2700	1	1800	2578	2		1
B21555+33	15 57 29.9	33 4 47	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-B	2324	1	7	2251	2		2
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-A	1122	1	19	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-A	1159	1	14	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-A	1303	1	18	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-B	1744	1	32	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-B	1807	1	22	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-B	2370	1	11	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-B	2323	1	7	2251	2		3
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-B	2325	1	7	2251	2		2
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-A	1548	1	15	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-A	1547	1	15	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-A	1548	1	15	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-A	1334	1	7	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-A	1333	1	7	2251	2		2
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-B	2324	1	7	2251	2		2
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-B	2323	1	7	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-B	2325	1	7	2251	2		2
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-A	1192	1	16	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-B	2058	1	18	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-A	1279	1	14	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-A	1240	1	23	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-A	1357	1	36	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-B	2025	1	18	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-A	1251	1	6	2251	2		2
HD143018	15 58 51.1	-26 6 51	HRS	ACCUM	0.25	ECH-A	1252	1	6	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-B	1827	1	25	2251	2		1
HD143018	15 58 51.1	-26 6 51	HRS	WSCAN	0.25	ECH-A	1391	1	42	2251	2		1
GC1556+33	15 58 55.2	33 23 18	FOS/RD	ACCUM	1.0	G400H	4000	1	1080	2578	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
GC1556+33	15 58 55.2	33 23 18	FOS/RD	ACCUM	1.0	G270H	2700	1	1320	2578	2		1
GC1556+33	15 58 55.2	33 23 18	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
UGC10116	15 59 1.3	29 45 19	PC	IMAGE	ALL	F439W		1	2100	2067	1		1
UGC10116	15 59 1.3	29 45 19	WFC	IMAGE	ALL	F606W		1	1000	2067	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P5	F336W		1	21	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P5	F555W		1	1	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P6	F336W		1	19	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P7	F336W		1	18	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P7	F439W		1	4	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P8	F439W		1	2	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P8	F555W		1	1	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P6	F785LP		1	7	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P5	F785LP		1	7	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P8	F785LP		1	7	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P5	F439W		1	5	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P6	F439W		1	6	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P6	F555W		1	1	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P7	F555W		1	1	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P8	F336W		1	8	2579	1		1
WD1559+369	16 1 24.6	36 48 25	PC	IMAGE	P7	F785LP		1	8	2579	1		1
GAL-CLUS-160134+4254 -FLD1	16 3 7.6	42 45 38	WFC	IMAGE	ALL	F622W		5	2300	2373	1		1
GAL-CLUS-160134+4254 -FLD1	16 3 7.6	42 45 38	WFC	IMAGE	ALL	F725LP		5	2300	2373	1		1
DA406	16 13 41.1	34 12 48	FOS/RD	ACCUM	1.0	G400H	4000	1	660	2578	1		1
DA406	16 13 41.1	34 12 48	FOS/RD	ACCUM	1.0	G270H	2700	1	780	2578	1		1
DA406	16 13 41.1	34 12 48	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
MARK876	16 13 57.3	65 43 8	FOS/BL	ACCUM	0.5	PRISM	3675	1	180	2296	1		1
MARK876	16 13 57.3	65 43 8	FOS/BL	ACCUM	0.5	G130H	1379	1	3640	2296	1		1
MARK876	16 13 57.3	65 43 8	FOS/BL	ACCUM	0.5	G190H	1938	1	1840	2296	1		1
MARK876	16 13 57.3	65 43 8	FOS/BL	ACCUM	0.5	G270H	2766	1	480	2296	1		1
MARK876	16 13 57.3	65 43 8	FOS/BL	ACQ/BINA	4.3	MIRROR		1	6	2296	1	ACQ	1
PKS1614+051	16 16 37.9	4 59 37	PC	IMAGE	ALL	F517N		2	3200	2695	1		1
PKS1614+051	16 16 37.9	4 59 37	PC	IMAGE	ALL	F718M		2	3200	2695	1		1
PKS1614+051	16 16 37.9	4 59 37	FOC/96	IMAGE	512X512	F480LP		3	3000	2695	1		1
3C334	16 20 21.8	17 36 24	FOS/RD	ACCUM	1.0	G400H	4000	1	360	2578	1		1
3C334	16 20 21.8	17 36 24	FOS/RD	ACCUM	1.0	G190H	1900	1	780	2578	1		1
3C334	16 20 21.8	17 36 24	FOS/RD	ACCUM	1.0	G270H	2700	1	420	2578	1		1
3C334	16 20 21.8	17 36 24	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
3C334.0	16 20 21.8	17 36 23	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C334.0	16 20 21.8	17 36 23	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C334.0	16 20 21.8	17 36 23	FOS/BL	ACCUM	1.0	G160L	1837	1	528	2424	3		1
3C334.0	16 20 21.8	17 36 23	FOS/RD	ACCUM	1.0	G270H	2753	1	588	2424	3		1
3C334.0	16 20 21.8	17 36 23	FOS/RD	ACCUM	1.0	G190H	1980	1	1698	2424	3		1
COD-38D10980	16 23 33.8	-39 13 48	HRS	ACCUM	2.0	G160M	1190	1	90	2593	1		1
COD-38D10980	16 23 33.8	-39 13 48	HRS	ACCUM	2.0	ECH-A	1300	1	210	2593	1		1
COD-38D10980	16 23 33.8	-39 13 48	HRS	ACCUM	2.0	G140L	1693	1	282	2593	1		1
COD-38D10980	16 23 33.8	-39 13 48	HRS	ACCUM	2.0	G160M	1223	1	516	2593	1		1
COD-38D10980	16 23 33.8	-39 13 48	HRS	ACCUM	2.0	G160M	1252	1	330	2593	1		1
COD-38D10980	16 23 33.8	-39 13 48	HRS	ACCUM	2.0	G160M	1313	1	150	2593	1		1
COD-38D10980	16 23 33.8	-39 13 48	HRS	ACCUM	2.0	G140L	1433	1	77	2593	1		1
COD-38D10980	16 23 33.8	-39 13 48	HRS	ACCUM	2.0	G160M	1283	1	113	2593	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C336.0	16 24 39.3	23 45 12	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
3C336.0	16 24 39.3	23 45 12	FOS/BL	ACCUM	1.0	G160L	1837	1	780	2424	1		1
PKS1623+26	16 25 14.1	26 50 27	FOS/RD	ACCUM	1.0	G400H	4000	1	660	2578	1		1
PKS1623+26	16 25 14.1	26 50 27	FOS/RD	ACCUM	1.0	G190H	1900	1	1440	2578	1		1
PKS1623+26	16 25 14.1	26 50 27	FOS/RD	ACCUM	1.0	G270H	2700	1	720	2578	1		1
PKS1623+26	16 25 14.1	26 50 27	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
Q1623+268B	16 25 48.3	26 47 10	PC	IMAGE	ALL	F555W		1	200	2350	1		1
Q1623+268B	16 25 48.3	26 47 10	PC	IMAGE	ALL	F555W		1	800	2350	1		1
PG1630+377-R1	16 32 1.1	37 37 50	FOC/288	IMAGE	512X512	F210M		1	1200	2624	1		1
PG1630+377-R2	16 32 1.1	37 37 50	FOC/288	IMAGE	512X512	F210M		1	1200	2624	1		1
PG1634+706	16 34 28.9	70 31 33	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	2		1
PG1634+706	16 34 28.9	70 31 33	FOS/BL	ACQ/BINA	4.3	MIRROR		1	7	2424	2	ACQ	1
PG1634+706	16 34 29.1	70 31 33	PC	IMAGE	ALL	F555W		1	200	2350	1		1
PG1634+706	16 34 29.1	70 31 33	PC	IMAGE	ALL	F555W		1	800	2350	1		1
B21633+38	16 35 15.5	38 8 4	FOS/RD	ACCUM	1.0	G400H	4000	1	1080	2578	1		1
B21633+38	16 35 15.5	38 8 4	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
3C343.1	16 38 28.1	62 34 45	PC	IMAGE	ALL	F569W		1	1800	2488	1		1
HD149499-B	16 38 30.0	-57 28 12	HRS	ACCUM	0.25	MIRROR-N1		1	0	2536	1		3
HD149499-B	16 38 30.0	-57 28 12	HRS	ACCUM	0.25	ECH-A	1198	4	600	2536	1		1
HD149499-B	16 38 30.0	-57 28 12	HRS	ACCUM	0.25	ECH-A	1198	1	688	2536	1		1
HD149499-B	16 38 30.0	-57 28 12	HRS	ACCUM	0.25	G140M	1203	2	520	2536	1		1
HD149499-B	16 38 30.0	-57 28 12	HRS	ACCUM	0.25	ECH-A	1213	10	600	2536	1		1
HD149499-B	16 38 30.0	-57 28 12	HRS	ACCUM	0.25	ECH-A	1188	4	580	2536	1		1
4U1636-53	16 40 55.1	-53 45 2	FOS/BL	ACQ/BINA	4.3	MIRROR		1	14	2248	1	ACQ	1
4U1636-53	16 40 55.1	-53 45 2	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2248	1	ACQ	1
4U1636-53	16 40 55.1	-53 45 2	FOS/BL	ACCUM	1.0	G130H	1379	1	8000	2248	1		1
4U1636-53	16 40 55.1	-53 45 2	FOS/RD	ACCUM	1.0	G190H	1980	1	5500	2248	1		1
4U1636-53	16 40 55.1	-53 45 2	FOS/RD	ACCUM	1.0	G270H	2755	1	1300	2248	1		1
HD150168	16 41 40.2	-49 39 4	HRS	ACCUM	0.25	ECH-A36	1549	1	966	2403	1		1
HD150168	16 41 40.2	-49 39 4	HRS	ACCUM	0.25	ECH-A40	1400	1	966	2403	1		1
HD150168	16 41 40.2	-49 39 4	HRS	ACCUM	0.25	ECH-A45	1240	1	889	2403	1		1
HD150168	16 41 40.2	-49 39 4	HRS	ACCUM	0.25	ECH-A45	1258	1	812	2403	1		1
HD150168	16 41 40.2	-49 39 4	HRS	ACCUM	0.25	ECH-A47	1197	1	518	2403	1		1
HD150168	16 41 40.2	-49 39 4	HRS	ACCUM	0.25	ECH-A40	1391	1	1183	2403	1		1
HD150168	16 41 40.2	-49 39 4	HRS	ACCUM	0.25	ECH-A47	1204	1	818	2403	1		1
INCA221-166	16 42 51.6	39 37 42	FGS	POS	2	F550W		1	51	2861	1		2
3C345	16 42 58.8	39 48 37	FGS	TRANS	1	F583W		1	586	2443	1		1
3C345	16 42 58.8	39 48 37	FGS	TRANS	1	F650W		1	586	2443	1		1
3C345	16 42 58.8	39 48 37	FGS	TRANS	2	F583W		1	586	2443	1		1
3C345	16 42 58.8	39 48 37	FOS/RD	ACCUM	1.0	G400H	4000	1	180	2578	1		1
3C345	16 42 58.8	39 48 37	FOS/RD	ACCUM	1.0	G190H	1900	1	360	2578	1		1
3C345	16 42 58.8	39 48 37	FOS/RD	ACCUM	1.0	G270H	2700	1	180	2578	1		1
3C345	16 42 58.8	39 48 37	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
3C345.0	16 42 58.8	39 48 37	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
3C345.0	16 42 58.8	39 48 37	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
3C345.0	16 42 58.8	39 48 37	FOS/BL	ACCUM	1.0	G160L	1837	1	564	2424	2		1
3C345.0	16 42 58.8	39 48 37	FOS/RD	ACCUM	1.0	G270H	2753	1	306	2424	2		1
3C345.0	16 42 58.8	39 48 37	FOS/RD	ACCUM	1.0	G190H	1980	1	1224	2424	2		1
1641+399INCA221-166	16 42 58.8	39 48 37	FGS	POS	2	F583W		1	51	2861	1		3
UGC-0527	16 43 4.6	61 34 44	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-0527	16 43 4.6	61 34 44	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
1641.7+399	16 43 26.0	39 53 14	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
1641.7+399	16 43 26.0	39 53 14	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
1641.7+399	16 43 26.0	39 53 14	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	3		1
1641.7+399	16 43 26.0	39 53 14	FOS/RD	ACCUM	1.0	G270H	2753	1	762	2424	3		1
1641.7+399	16 43 26.0	39 53 14	FOS/RD	ACCUM	1.0	G190H	1980	1	2364	2424	3		1
POINT1641+399INCA221-166	16 43 52.0	39 41 8	S/C	POINTING	V1			1	0	2861	1		1
GD-358	16 47 18.4	32 28 26	HRS	ACCUM	2.0	G140L	1288	1	900	2593	2		1
HD150898	16 47 19.4	-58 20 29	HRS	ACCUM	0.25	ECH-A36	1549	1	690	2403	1		1
HD150898	16 47 19.4	-58 20 29	HRS	ACCUM	0.25	ECH-A40	1400	1	690	2403	1		1
HD150898	16 47 19.4	-58 20 29	HRS	ACCUM	0.25	ECH-A45	1240	1	635	2403	1		1
HD150898	16 47 19.4	-58 20 29	HRS	ACCUM	0.25	ECH-A45	1258	1	580	2403	1		1
HD150898	16 47 19.4	-58 20 29	HRS	ACCUM	0.25	ECH-A40	1391	1	845	2403	1		1
HD150898	16 47 19.4	-58 20 29	HRS	ACCUM	0.25	ECH-A47	1197	1	370	2403	1		1
HD150898	16 47 19.4	-58 20 29	HRS	ACCUM	0.25	ECH-A47	1204	1	585	2403	1		1
WD1645+325	16 47 54.8	32 26 54	FOS/BL	ACQ/BINA	4.3	MIRROR		1	0	2282	1	ACQ	1
WD1645+325	16 47 54.8	32 26 54	FOS/BL	ACCUM	0.25-PAIR	G160L	1837	1	15238	2282	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P5	F439W		1	0	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P6	F439W		1	0	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P7	F439W		1	0	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P8	F336W		1	1	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P6	F336W		1	2	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P6	F785LP		1	1	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P5	F785LP		1	1	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P7	F785LP		1	1	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P8	F785LP		1	1	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P5	F336W		1	2	2579	1		1
WD1647+591	16 48 24.9	59 3 30	PC	IMAGE	P7	F336W		1	2	2579	1		1
CPD-74D1569	16 50 50.2	-74 32 20	HRS	ACCUM	2.0	ECH-B	1808	3	172	2348	1		1
CPD-74D1569	16 50 50.2	-74 32 20	HRS	ACCUM	2.0	ECH-A	1251	3	172	2348	1		1
CPD-74D1569	16 50 50.2	-74 32 20	HRS	ACCUM	2.0	ECH-A	1303	3	172	2348	1		1
CPD-74D1569	16 50 50.2	-74 32 20	HRS	ACCUM	2.0	ECH-A	1609	3	345	2348	1		1
CPD-74D1569	16 50 50.2	-74 32 20	HRS	ACCUM	2.0	ECH-A	1672	3	518	2348	1		1
CPD-74D1569	16 50 50.2	-74 32 20	HRS	ACCUM	2.0	ECH-B	1858	3	259	2348	1		1
MARK501	16 53 52.2	39 45 36	PC	IMAGE	ALL	F555W		1	200	2350	1		1
MARK501	16 53 52.2	39 45 36	PC	IMAGE	ALL	F555W		1	800	2350	1		1
1652+138	16 54 17.9	31 46 21	WFC	IMAGE	ALL	F555W		1	100	2350	1		1
1652+138	16 54 17.9	31 46 21	WFC	IMAGE	ALL	F555W		1	500	2350	1		1
1652+138	16 54 17.9	31 46 21	WFC	IMAGE	ALL	F555W		1	2000	2350	1		1
1652+138	16 54 17.9	31 46 21	WFC	IMAGE	ALL	F785LP		1	500	2350	1		1
1652+138	16 54 17.9	31 46 21	WFC	IMAGE	ALL	F785LP		1	2000	2350	1		1
PKS1656+053	16 58 33.5	5 15 16	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS1656+053	16 58 33.5	5 15 16	FOS/BL	ACCUM	1.0	G160L	1837	1	426	2424	3		1
HS1700+6416	17 1 0.6	64 12 9	FOS/RD	ACQ/BINA	4.3	MIRROR		1	9	2288	1	ACQ	1
HS1700+6416	17 1 0.6	64 12 9	FOS/BL	ACCUM	0.3	G130H	1300	1	14400	2288	1		1
HS1700+6416	17 1 0.6	64 12 9	FOS/RD	ACCUM	0.3	G190H	1900	1	7380	2288	1		1
HS1700+6416	17 1 0.6	64 12 9	FOS/RD	ACCUM	0.3	G270H	2700	1	3600	2288	1		1
HS1700+6416	17 1 0.6	64 12 9	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2288	1	ACQ	1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C351.0	17 4 41.3	60 44 30	FOS/RD	ACQ/BINA	4.3	MIRROR		1	4	2424	1	ACQ	1
3C351.0	17 4 41.3	60 44 30	FOS/RD	ACCUM	1.0	G190H	1980	1	474	2424	1		1
3C351.0	17 4 41.3	60 44 30	FOS/RD	ACCUM	1.0	G270H	2753	1	180	2424	1		1
3C351.0	17 4 41.3	60 44 30	FOS/BL	ACCUM	1.0	G130H	1379	1	5232	2424	1		1
3C351.0	17 4 41.3	60 44 30	FOS/BL	ACQ/BINA	4.3	MIRROR		1	8	2424	1	ACQ	1
3C351.0	17 4 41.5	60 44 28	WFC	IMAGE	ALL	F785LP		1	500	2425	1		1
3C351.0	17 4 41.5	60 44 28	WFC	IMAGE	ALL	F785LP		1	2400	2425	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	G140L	1220	1	200	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-A	1414	2	1000	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-B	2326	5	1000	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-A	1262	1	1250	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-B	2026	1	868	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-B	2369	1	1200	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-A	1161	2	730	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-B	2582	2	1050	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	G140M	1118	2	1250	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-A	1706	3	1070	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-A	1370	4	1120	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-B	3078	2	987	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-A	1335	3	1133	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-A	1358	4	1025	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-A	1240	6	1083	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-A	1279	5	1000	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-B	1806	1	1200	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-A	1288	2	1250	2415	1		1
HD154368	17 6 28.4	-35 27 4	HRS	ACCUM	0.25	ECH-A	1304	3	868	2415	1		1
NGC6293-COMPARISON-FIELD	17 9 11.2	-26 34 11	PC	IMAGE	ALL	F555W		2	80	2419	1		1
NGC6293-COMPARISON-FIELD	17 9 11.2	-26 34 11	PC	IMAGE	ALL	F791W		1	160	2419	1		2
NGC6293	17 10 10.7	-26 35 24	PC	IMAGE	ALL	F555W		3	80	2419	1		1
NGC6293	17 10 10.7	-26 35 24	PC	IMAGE	ALL	F791W		1	160	2419	1		1
NGC6293	17 10 10.7	-26 35 24	PC	IMAGE	ALL	F791W		2	160	2419	1		1
HERC202-LYA	17 14 14.7	50 15 30	PC	IMAGE	P8	F413M	4090	1	3900	2405	1		1
HERC202	17 14 14.9	50 15 30	WFC	IMAGE	W1	F555W	5479	1	7500	2405	1		1
HERC202	17 14 14.9	50 15 30	WFC	IMAGE	W1	F785LP	8958	1	10800	2405	1		1
53W005	17 14 36.8	50 28 23	WFC	IMAGE	W1	F785LP	8958	1	4200	2387	1		1
53W005	17 14 36.8	50 28 23	WFC	IMAGE	W1	F555W	5479	1	6179	2387	1		1
53W039	17 17 1.9	50 25 30	WFC	IMAGE	W1	F555W	5479	1	2700	2387	1		1
53W039	17 17 1.9	50 25 30	WFC	IMAGE	W1	F785LP	8958	1	2100	2387	1		1
M92-CALIB	17 17 4.5	43 2 50	PC	IMAGE	ALL	F875M		1	160	2265	2	CAL	1
53W044	17 17 36.9	50 3 5	WFC	IMAGE	W1	F555W	5479	1	2400	2405	1		1
53W044	17 17 36.9	50 3 5	WFC	IMAGE	W1	F785LP	8958	1	1500	2405	1		1
53W046	17 17 53.4	50 7 52	WFC	IMAGE	W1	F555W	5479	1	2400	2405	1		1
53W046	17 17 53.4	50 7 52	WFC	IMAGE	W1	F785LP	8958	1	1500	2405	1		1
53W062	17 19 32.1	49 59 7	WFC	IMAGE	W1	F555W	5479	1	3000	2387	1		1
53W062	17 19 32.1	49 59 7	WFC	IMAGE	W1	F785LP	8958	1	2700	2387	1		1
PG1718+481	17 19 38.3	48 4 13	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PG1718+481	17 19 38.3	48 4 13	FOS/BL	ACCUM	1.0	G160L	1837	1	300	2424	2		1
53W071	17 20 11.4	50 17 17	WFC	IMAGE	W1	F555W	5479	1	3900	2387	1		1
53W071	17 20 11.4	50 17 17	WFC	IMAGE	W1	F785LP	8958	1	3900	2387	1		1
53W077	17 21 1.4	49 48 34	WFC	IMAGE	W1	F555W	5479	1	4200	2405	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
53W077	17 21 1.4	49 48 34	WFC	IMAGE	W1	F785LP	8958	1	3000	2405	1		1
53W085	17 21 52.6	49 54 35	WFC	IMAGE	W1	F555W	5479	1	3900	2387	1		1
53W085	17 21 52.6	49 54 35	WFC	IMAGE	W1	F785LP	8958	1	3900	2387	1		1
NGC6356-COMPARISON-FIELD	17 22 56.8	-17 44 40	PC	IMAGE	ALL	F791W		1	700	2419	1		2
NGC6356-COMPARISON-FIELD	17 22 56.8	-17 44 40	PC	IMAGE	ALL	F555W		2	350	2419	1		1
NGC6356	17 23 38.8	-17 49 19	PC	IMAGE	ALL	F791W		1	700	2419	1		1
NGC6356	17 23 38.8	-17 49 19	PC	IMAGE	ALL	F791W		2	700	2419	1		1
NGC6356	17 23 38.8	-17 49 19	PC	IMAGE	ALL	F555W		3	350	2419	1		1
NGC6352-COMPARISON-FIELD	17 24 26.2	-48 21 53	PC	IMAGE	ALL	F555W		1	40	2419	1		1
NGC6352-COMPARISON-FIELD	17 24 26.2	-48 21 53	PC	IMAGE	ALL	F791W		1	70	2419	1		2
NGC6352	17 25 28.3	-48 25 38	PC	IMAGE	ALL	F791W		1	70	2419	1		1
NGC6352	17 25 28.3	-48 25 38	PC	IMAGE	ALL	F791W		2	70	2419	1		1
NGC6352	17 25 28.3	-48 25 38	PC	IMAGE	ALL	F555W		3	40	2419	1		1
4U1728-16	17 31 44.2	-16 57 41	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2248	1	ACQ	1
4U1728-16	17 31 44.2	-16 57 41	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2248	1	ACQ	1
4U1728-16	17 31 44.2	-16 57 41	FOS/BL	ACCUM	1.0	G130H	1379	1	2000	2248	1		1
4U1728-16	17 31 44.2	-16 57 41	FOS/RD	ACCUM	1.0	G190H	1980	1	1200	2248	1		1
4U1728-16	17 31 44.2	-16 57 41	FOS/RD	ACCUM	1.0	G270H	2755	1	260	2248	1		1
UGC-0891	17 32 24.3	7 3 37	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-0891	17 32 24.3	7 3 37	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
4U1735-44	17 38 58.3	-44 27 2	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2248	1	ACQ	1
4U1735-44	17 38 58.3	-44 27 2	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2248	1	ACQ	1
4U1735-44	17 38 58.3	-44 27 2	FOS/RD	ACCUM	1.0	G270H	2755	1	500	2248	1		1
4U1735-44	17 38 58.3	-44 27 2	FOS/BL	ACCUM	1.0	G130H	1379	1	4300	2248	1		1
4U1735-44	17 38 58.3	-44 27 2	FOS/RD	ACCUM	1.0	G190H	1980	1	2800	2248	1		1
NGC6397-603	17 40 38.8	-53 45 26	HRS	ACCUM	2.0	G270M	2800	3	702	2009	1		1
NGC6397-211	17 41 25.6	-53 37 38	HRS	ACCUM	2.0	G270M	2800	3	636	2009	1		1
HD161056	17 43 47.0	-7 4 46	FOS/BL	ACQ/PEAK	1.0	G570H		1	0	2245	1	ACQ	2
HD161056	17 43 47.0	-7 4 46	FOS/BL	ACCUM	1.0	G190H		1	1953	2245	1		1
HD161056	17 43 47.0	-7 4 46	FOS/BL	ACCUM	1.0	G270H		1	508	2245	1		1
HD161056	17 43 47.0	-7 4 46	FOS/BL	ACCUM	1.0	G130H	1454	1	3936	2245	1		1
GALACTIC-CENTER	17 45 39.6	-29 0 34	PC	IMAGE	P6	F875M		1	1260	2459	1		1
GALACTIC-CENTER	17 45 39.6	-29 0 34	PC	IMAGE	P6	F1042M		1	1260	2459	1		1
GALACTIC-CENTER	17 45 39.6	-29 0 33	PC	IMAGE	P6	F814W		2	160	2534	1		1
GALACTIC-CENTER	17 45 39.6	-29 0 33	PC	IMAGE	P6	F1042M		4	440	2534	1		1
UGC-1012	17 49 27.7	70 8 37	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
UGC-1012	17 49 27.7	70 8 37	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
MC31750+175	17 52 46.1	17 34 21	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
MC31750+175	17 52 46.1	17 34 21	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
MC31750+175	17 52 46.1	17 34 21	FOS/BL	ACCUM	1.0	G130H	1379	1	9150	2424	3		1
MC31750+175	17 52 46.1	17 34 21	FOS/RD	ACCUM	1.0	G190H	1980	1	912	2424	3		1
MC31750+175	17 52 46.1	17 34 21	FOS/RD	ACCUM	1.0	G270H	2753	1	324	2424	3		1
POINT1758-651INCA221-116	18 1 21.4	-65 7 22	S/C	POINTING	V1			1	0	2862	1		1
INCA221-116	18 2 0.9	-64 55 20	FGS	POS	2	F550W		1	51	2862	1		2
1758-651INCA221-116	18 3 23.5	-65 7 37	FGS	POS	2	F550W		1	51	2862	1		1
1758-651INCA221-116	18 3 23.5	-65 7 37	FGS	POS	2	F583W		1	51	2862	1		2
KAZ102	18 3 28.9	67 38 10	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
KAZ102	18 3 28.9	67 38 10	FOS/BL	ACCUM	1.0	G130H	1379	1	2982	2424	3		1
3C368	18 5 6.4	11 1 31	PC	IMAGE	P7	F368M		2	1700	2698	1		1
3C368	18 5 6.4	11 1 31	FOC/96	IMAGE	512X512	F253M		2	2800	2698	1		1
NGC6541-COMPARISON-FIELD	18 6 21.8	-43 41 29	PC	IMAGE	ALL	F555W		1	40	2419	1		1
NGC6541-COMPARISON-FIELD	18 6 21.8	-43 41 29	PC	IMAGE	ALL	F791W		1	70	2419	1		2
NGC6541	18 8 9.2	-43 41 53	PC	IMAGE	ALL	F791W		1	70	2419	1		1
NGC6541	18 8 9.2	-43 41 53	PC	IMAGE	ALL	F791W		2	70	2419	1		1
NGC6541	18 8 9.2	-43 41 53	PC	IMAGE	ALL	F555W		3	40	2419	1		1
4C40.36	18 10 55.7	40 45 23	PC	IMAGE	ALL	F606W		3	1000	2438	1		1
4C40.36	18 10 55.7	40 45 23	PC	IMAGE	ALL	F413M		3	1019	2438	1		1
AM-HER	18 16 13.3	49 52 4	HSP/VIS	PRISM	1.0	F551W/F240W		1	1741	2660	1		1
K1-16	18 21 52.0	64 21 54	FOS/BL	ACCUM	1.0	G130H	1380	1	234	2593	1		1
K1-16	18 21 52.0	64 21 54	FOS/BL	ACCUM	1.0	G270H	2700	1	138	2593	1		1
K1-16	18 21 52.0	64 21 54	FOS/BL	ACQ/BINA	4.3	MIRROR		1	2	2593	1	ACQ	1
K1-16	18 21 52.0	64 21 54	FOS/BL	ACCUM	1.0	G190H	1944	1	138	2593	1		1
INCA221-120-AST2	18 23 37.2	10 24 26	FGS	POS	2	F550W		1	1	2859	1	CON PAR	1
INCA221-120	18 23 59.4	10 33 1	PC	IMAGE	P8	F658N		1	1	2859	1	CON	1
1821+107INCA221-120	18 24 2.9	10 44 24	PC	IMAGE	P8	F606W		1	30	2859	1	CON	1
1821+107INCA221-120	18 24 2.9	10 44 24	PC	IMAGE	P8	F725LP		1	60	2859	1	CON	1
INCA221-120-AST1	18 24 19.4	10 34 46	FGS	POS	2	F550W		1	30	2859	1	CON PAR	1
INCA221-120-AST1	18 24 19.4	10 34 46	FGS	POS	2	F550W		1	60	2859	1	CON PAR	1
V691CRA	18 25 46.7	-37 6 20	FOS/BL	RAPID	1.0	G160L	1850	8	240	2513	1		8
V691CRA	18 25 46.7	-37 6 20	FOS/BL	ACQ/BINA	4.3	MIRROR		1	5	2513	1	ACQ	1
4U1822-37	18 25 46.8	-37 6 20	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2248	1	ACQ	1
4U1822-37	18 25 46.8	-37 6 20	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2248	1	ACQ	1
4U1822-37	18 25 46.8	-37 6 20	FOS/RD	ACCUM	1.0	G270H	2755	1	90	2248	1		1
4U1822-37	18 25 46.8	-37 6 20	FOS/BL	ACCUM	1.0	G130H	1379	1	520	2248	1		1
4U1822-37	18 25 46.8	-37 6 20	FOS/RD	ACCUM	1.0	G190H	1980	1	340	2248	1		1
3C380.0	18 29 31.8	48 44 46	PC	IMAGE	ALL	F631N		1	1800	2488	1		1
3C380.0	18 29 31.8	48 44 46	PC	IMAGE	ALL	F656N		1	1700	2488	1		1
NGC6637-COMPARISON-FIELD	18 30 33.4	-32 28 15	PC	IMAGE	ALL	F555W		2	80	2419	1		1
NGC6637-COMPARISON-FIELD	18 30 33.4	-32 28 15	PC	IMAGE	ALL	F791W		1	179	2419	1		2
NGC6637	18 31 19.5	-32 21 18	PC	IMAGE	ALL	F555W		3	80	2419	1		1
NGC6637	18 31 19.5	-32 21 18	PC	IMAGE	ALL	F791W		1	179	2419	1		1
NGC6637	18 31 19.5	-32 21 18	PC	IMAGE	ALL	F791W		2	179	2419	1		1
HD172167	18 36 56.3	38 47 1	HRS	ACCUM	0.25	MIRROR-A1		1	0	2461	1		1
HD172167	18 36 56.3	38 47 1	HRS	ACCUM	0.25	ECH-B	2345	2	14	2461	1		1
HD172167	18 36 56.3	38 47 1	HRS	ACCUM	0.25	ECH-B	2581	2	14	2461	1		1
HD172167	18 36 56.3	38 47 1	HRS	ACCUM	0.25	ECH-B	2596	4	14	2461	1		1
V348-SGR	18 40 19.9	-22 54 29	HRS	ACCUM	2.0	G270M	2830	2	930	2450	1		1
V348-SGR	18 40 19.9	-22 54 29	HRS	ACCUM	2.0	G270M	2945	2	960	2450	1		1
V348-SGR	18 40 19.9	-22 54 29	HRS	ACCUM	2.0	G140L	1344	1	1470	2450	1		1
V348-SGR	18 40 19.9	-22 54 29	HRS	ACCUM	2.0	G140L	1622	2	735	2450	1		1
V603-AQL	18 48 54.6	0 35 3	HRS	ACCUM	0.25	G160M	1235	1	600	2345	1		1
V603-AQL	18 48 54.6	0 35 3	HRS	ACCUM	0.25	G160M	1235	1	900	2345	1		1
V603-AQL	18 48 54.6	0 35 3	HRS	ACCUM	0.25	G160M	1391	1	600	2345	1		1
V603-AQL	18 48 54.6	0 35 3	HRS	ACCUM	0.25	G160M	1391	1	900	2345	1		1
V603-AQL	18 48 54.6	0 35 3	HRS	ACCUM	0.25	G160M	1541	1	600	2345	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
V603-AQL	18 48 54.6	0 35 3	HRS	ACCUM	0.25	G160M	1541	1	900	2345	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P5	F336W		1	25	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P6	F439W		1	7	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P7	F336W		1	22	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P8	F439W		1	3	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P8	F555W		1	1	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P5	F785LP		1	10	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P6	F785LP		1	9	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P7	F785LP		1	11	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P5	F439W		1	7	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P5	F555W		1	1	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P6	F336W		1	23	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P6	F555W		1	1	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P7	F439W		1	5	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P7	F555W		1	1	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P8	F336W		1	9	2579	1		1
WD1855+338	18 57 35.2	33 57 12	PC	IMAGE	P8	F785LP		1	10	2579	1		1
3C395	19 2 56.0	31 59 42	FGS	TRANS	1	F583W		1	586	2443	1		1
3C395	19 2 56.0	31 59 42	FGS	TRANS	1	F650W		1	586	2443	1		1
3C395	19 2 56.0	31 59 42	FGS	TRANS	2	F583W		1	586	2443	1		1
HD177566	19 7 7.7	-41 43 10	HRS	ACCUM	2.0	ECH-B	1808	1	259	2348	1		1
HD177566	19 7 7.7	-41 43 10	HRS	ACCUM	2.0	ECH-A	1251	1	216	2348	1		1
HD177566	19 7 7.7	-41 43 10	HRS	ACCUM	2.0	ECH-A	1303	1	216	2348	1		1
HD177566	19 7 7.7	-41 43 10	HRS	ACCUM	2.0	ECH-A	1609	1	475	2348	1		1
HD177566	19 7 7.7	-41 43 10	HRS	ACCUM	2.0	ECH-A	1672	1	691	2348	1		1
HD177566	19 7 7.7	-41 43 10	HRS	ACCUM	2.0	ECH-B	1858	1	302	2348	1		1
A59	19 10 32.3	-59 57 6	HRS	ACCUM	2.0	G270M	2798	3	900	2693	1		1
A88	19 10 42.5	-59 59 53	HRS	ACCUM	2.0	G270M	2798	3	900	2693	1		1
NGC6752	19 10 47.5	-60 0 48	PC	IMAGE	ALL	F555W		2	2000	2579	1		1
NGC6752	19 10 47.5	-60 0 48	PC	IMAGE	ALL	F439W		7	2400	2579	1		1
NGC6752	19 10 47.5	-60 0 48	PC	IMAGE	ALL	F336W		13	2400	2579	1		1
NGC6752	19 10 47.5	-60 0 48	PC	IMAGE	ALL	F785LP		8	2400	2579	1		1
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F656N		1	400	2555	1		1
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F656N		1	4000	2555	1		1
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F675W		1	8	2555	1		1
NGC6752	19 10 51.8	-59 58 55	PC	IMAGE	ALL	F675W		1	600	2555	1		1
NGC6752	19 10 51.8	-59 58 55	FOC/96	IMAGE	512X512	F130M		1	600	2472	1		1
NGC6752	19 10 51.8	-59 58 55	FOC/96	IMAGE	512X512	F210M		1	300	2472	1		1
NGC6752	19 10 51.8	-59 58 55	FOC/96	IMAGE	512X512	F346M		1	300	2472	1		1
NGC6752	19 10 51.8	-59 58 55	FOC/96	IMAGE	512X512	F130M		3	300	2472	1		5
A31	19 11 11.3	-59 59 54	HRS	ACCUM	2.0	G270M	2798	3	780	2693	1		1
PKS1912-549	19 16 39.2	-54 54 47	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS1912-549	19 16 39.2	-54 54 47	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS1912-549	19 16 39.2	-54 54 47	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	1		1
PKS1912-549	19 16 39.2	-54 54 47	FOS/RD	ACCUM	1.0	G190H	1980	1	2808	2424	1		1
PKS1912-549	19 16 39.2	-54 54 47	FOS/RD	ACCUM	1.0	G270H	2753	1	821	2424	1		1
V605AQL-KNOT	19 18 20.5	1 46 59	FOC/96	IMAGE	512X512	F165W		1	300	2570	1		1
V605AQL-KNOT	19 18 20.5	1 46 59	FOC/96	IMAGE	512X512	F220W		1	300	2570	1		1
V605AQL-KNOT	19 18 20.5	1 46 59	FOC/96	IMAGE	512X512	F437M		1	300	2570	1		1
V605AQL-KNOT	19 18 20.5	1 46 59	FOC/96	IMAGE	512X512	F501N		1	300	2570	1		1
V605AQL-STAR	19 18 20.5	1 46 59	FOS/RD	ACQ/BINA	4.3	MIRROR		1	90	2570	1	ACQ	1
V605AQL-STAR	19 18 20.5	1 46 59	FOS/RD	ACCUM	0.3	PRISM	5400	1	2500	2570	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
V605AQL-STAR	19 18 20.5	1 46 59	FOS/BL	ACQ/BINA	4.3	MIRROR		1	120	2570	1	ACQ	1
V605AQL-STAR	19 18 20.5	1 46 59	FOS/BL	ACCUM	0.3	G160L	1675	1	2500	2570	1		1
V605AQL-STAR	19 18 20.5	1 46 59	FOS/RD	ACCUM	0.3	G650L	5825	1	2500	2570	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P7	F336W		1	2	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P5	F336W		1	2	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P5	F785LP		1	1	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P6	F785LP		1	1	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P8	F785LP		1	1	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P7	F785LP		1	1	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P5	F439W		1	0	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P6	F336W		1	2	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P6	F439W		1	0	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P7	F439W		1	0	2579	1		1
WD1917-077	19 20 34.9	-7 39 59	PC	IMAGE	P8	F336W		1	0	2579	1		1
OV-236	19 24 51.0	-29 14 30	FOS/RD	ACCUM	1.0	G400H	4000	1	600	2578	2		1
OV-236	19 24 51.0	-29 14 30	FOS/RD	ACCUM	1.0	G270H	2700	1	900	2578	2		1
OV-236	19 24 51.0	-29 14 30	FOS/BL	ACCUM	1.0	G130H	1300	1	11700	2578	2		1
OV-236	19 24 51.0	-29 14 30	FOS/BL	ACCUM	1.0	G190H	1900	1	4560	2578	2		1
OV-236	19 24 51.0	-29 14 30	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
OV-236	19 24 51.0	-29 14 30	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
1921-293INCA221-126	19 24 51.1	-29 14 31	FGS	POS	2	F583W		1	51	2862	1		3
INCA221-126	19 25 4.1	-29 18 30	FGS	POS	2	F5ND		1	51	2862	1		2
POINT1921-293INCA221-126	19 25 51.9	-29 14 24	S/C	POINTING	V1			1	0	2862	1		1
HD182975	19 27 22.8	-2 1 14	FOC/288	IMAGE	512X1024	F175W F1ND PRISM2		2	216	2680	1		4
4C73.18	19 27 48.6	73 58 2	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
4C73.18	19 27 48.6	73 58 2	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
4C73.18	19 27 48.6	73 58 2	FOS/BL	ACCUM	1.0	G130H	1379	1	6690	2424	2		1
4C73.18	19 27 48.6	73 58 2	FOS/RD	ACCUM	1.0	G190H	1980	1	432	2424	2		1
HD183344	19 29 21.4	-7 2 38	FOC/288	IMAGE	512X1024	F175W F1ND PRISM2		2	420	2680	1		3
PSR1929+10	19 32 14.1	10 59 33	FOC/48	IMAGE	512X512	F342W		1	2280	2014	1		1
PSR1929+10	19 32 14.1	10 59 33	FOC/48	IMAGE	512X512	F180LP		1	2280	2014	1		1
PSR1929+10	19 32 14.1	10 59 33	FOC/48	IMAGE	512X512	F305LP		1	2280	2014	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P8	F336W		1	2	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P7	F336W		1	4	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P7	F439W		1	1	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P6	F785LP		1	2	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P5	F785LP		1	1	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P7	F785LP		1	2	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P8	F785LP		1	2	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P5	F336W		1	6	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P5	F439W		1	1	2579	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P6	F336W		1	5	2579	1		1
WD1935+276	19 37 13.2	27 43 25	PC	IMAGE	P6	F439W		1	1	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P5	F336W		1	5	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P5	F439W		1	2	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P6	F336W		1	5	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P6	F439W		1	2	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P8	F439W		1	1	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P5	F785LP		1	4	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P7	F785LP		1	4	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P8	F785LP		1	4	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P7	F336W		1	5	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P7	F439W		1	1	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P8	F336W		1	2	2579	1		1
WD1936+327	19 38 28.2	37 31 12	PC	IMAGE	P6	F785LP		1	4	2579	1		1
HD187642	19 50 47.0	8 52 6	HRS	ACCUM	0.25	MIRROR-A1		1	5	2461	1		1
HD187642	19 50 47.0	8 52 6	HRS	ACCUM	0.25	ECH-B	2345	4	28	2461	1		1
HD187642	19 50 47.0	8 52 6	HRS	ACCUM	0.25	ECH-B	2581	4	28	2461	1		1
HD187642	19 50 47.0	8 52 6	HRS	ACCUM	0.25	ECH-B	2596	2	14	2461	1		1
V1016-CYG	19 57 5.0	39 49 36	FOC/48	SPEC	256X1024-SLIT	F150W G150M	1500	1	2700	2490	1		1
V1016-CYG	19 57 5.0	39 49 36	FOC/48	SPEC	256X1024-SLIT	F305LP G450M	4500	1	1019	2490	1		1
CYGNUS-A-OFFSET	19 59 25.0	40 44 24	FOS/BL	ACQ/BINA	4.3	MIRROR		1	10	2177	1	ACQ	1
CYGNUS-A	19 59 28.3	40 44 2	WFC	IMAGE	ALL	F336W	3360	2	2600	2177	1	ACQ	1
CYGNUS-A-NUCLEUS	19 59 28.3	40 44 2	FOS/BL	ACCUM	0.5	G160L	1600	1	2435	2177	1		1
CYGNUS-A-NUCLEUS	19 59 28.3	40 44 2	FOS/RD	ACCUM	0.5	G270H	2700	1	2435	2177	1		1
SOMESTAR-OFFSET	19 59 35.4	20 48 18	FOS/BL	ACQ/BINA	4.3	MIRROR		1	90	2237	1	ACQ	1
PSR1957+20	19 59 36.8	20 48 15	PC	IMAGE	P8	F675W		1	300	2237	1		1
PSR1957+20	19 59 36.8	20 48 15	PC	IMAGE	P8	F675W		1	900	2237	1		2
PSR1957+20	19 59 36.8	20 48 15	PC	IMAGE	P8	F791W		1	900	2237	1		2
PSR1957+20	19 59 36.8	20 48 15	PC	IMAGE	P8	F791W		1	300	2237	1	ACQ	1
PSR1957+20-SPEC	19 59 36.8	20 48 15*	FOS/BL	ACCUM	0.3	G160L	1837	1	4200	2237	1		1
HD189558	20 1 0.3	-12 15 20	HRS	ACCUM	0.25	G270M	3130	1	1400	2634	1		1
HD189558	20 1 0.3	-12 15 20	HRS	ACCUM	0.25	G270M	2498	1	1400	2634	1		1
QQ-VUL	20 5 41.9	22 39 59	HSP/VIS	PRISM	1.0	F551W/F240W		1	1741	2660	1		1
ESO-2012-4427	20 16 18.2	-44 18 6	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-2012-4427	20 16 18.2	-44 18 6	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
MG2019+1127B	20 19 18.0	11 27 13	PC	IMAGE	P8	F517N		1	2160	2242	1		1
MG2019+1127B	20 19 18.0	11 27 13	PC	IMAGE	P8	F517N		1	503	2242	1		1
HD194598	20 26 11.9	9 27 0	HRS	ACCUM	0.25	G270M	3130	1	2000	2634	1		1
HD194598	20 26 11.9	9 27 0	HRS	ACCUM	0.25	G270M	2498	1	2000	2634	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P6	F439W		1	2	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P7	F336W		1	4	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P5	F336W		1	4	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P6	F785LP		1	3	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P5	F439W		1	1	2579	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P6	F336W		1	4	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P7	F439W		1	1	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P8	F336W		1	1	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P5	F785LP		1	4	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P7	F785LP		1	4	2579	1		1
WD2028+390	20 29 56.1	37 13 32	PC	IMAGE	P8	F785LP		1	4	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P5	F439W		1	0	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P5	F555W		1	1	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P6	F439W		1	0	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P6	F555W		1	1	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P7	F336W		1	0	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P7	F439W		1	0	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P7	F555W		1	1	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P8	F336W		1	0	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P8	F555W		1	1	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P7	F785LP		1	0	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P5	F336W		1	0	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P6	F336W		1	0	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P5	F785LP		1	0	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P6	F785LP		1	0	2579	1		1
WD2032+248	20 34 21.7	25 3 52	PC	IMAGE	P8	F785LP		1	0	2579	1		1
WOLF-1346	20 34 22.3	25 4 9	HRS	ACCUM	2.0	G140L	1288	1	600	2593	2		1
3C418.0	20 38 36.9	51 19 12	PC	IMAGE	ALL	F702W		1	1800	2488	1		1
AU-MIC	20 45 9.4	-31 20 27	HRS	RAPID	2.0	G140L	1304	1	22140	2321	1		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-A	1122	1	138	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-A	1159	1	103	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-A	1303	1	131	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-B	1744	1	234	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	ACCUM	0.25	ECH-A	1548	1	110	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-B	1807	1	158	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-B	2370	1	82	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	ACCUM	0.25	ECH-A	1547	1	110	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	ACCUM	0.25	ECH-A	1548	1	110	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	ACCUM	0.25	ECH-B	2323	1	50	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	ACCUM	0.25	ECH-A	1251	1	43	2251	2		2
HD198183	20 47 24.5	36 29 27	HRS	ACCUM	0.25	ECH-A	1252	1	43	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-A	1192	1	117	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-B	1827	1	186	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-B	2058	1	131	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-A	1279	1	103	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-A	1357	1	262	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-A	1391	1	303	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-B	2025	1	131	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	ACCUM	0.25	ECH-A	1334	1	52	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	ACCUM	0.25	ECH-A	1333	1	52	2251	2		2
HD198183	20 47 24.5	36 29 27	HRS	ACCUM	0.25	ECH-B	2324	1	50	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	ACCUM	0.25	ECH-B	2325	1	50	2251	2		1
HD198183	20 47 24.5	36 29 27	HRS	WSCAN	0.25	ECH-A	1240	1	165	2251	2		1
2049+190	20 51 48.4	19 15 3	PC	IMAGE	ALL	F555W		1	200	2350	1		1
2049+190	20 51 48.4	19 15 3	PC	IMAGE	ALL	F555W		1	800	2350	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
ESO-2047-6923	20 52 3.8	-69 12 0	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-2047-6923	20 52 3.8	-69 12 0	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
CYGLOOPNE2	20 55 47.7	31 58 41	WFC	IMAGE	ALL	F656N		1	1500	2355	1		1
CYGLOOPNE1	20 56 2.8	31 56 39	WFC	IMAGE	ALL	F656N		1	1500	2355	1		1
GD-394	21 12 44.0	50 6 18	HRS	ACCUM	2.0	G160M	1400	1	1100	2593	1		1
GD-394	21 12 44.0	50 6 18	HRS	ACCUM	2.0	G160M	1307	1	370	2593	1		1
GD-394	21 12 44.0	50 6 18	HRS	ACCUM	2.0	G160M	1214	1	500	2593	1		1
PG2112+059	21 14 52.7	6 7 41	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG2112+059	21 14 52.7	6 7 41	FOS/BL	ACCUM	1.0	G130H	1379	1	8736	2424	3		1
HD202627	21 17 56.2	-32 10 21	HRS	ACCUM	0.25	MIRROR-A2		1	0	2537	1		1
HD202627	21 17 56.2	-32 10 21	HRS	ACCUM	0.25	ECH-B	2345	1	3120	2537	1		1
HD202627	21 17 56.2	-32 10 21	HRS	ACCUM	0.25	ECH-B	2854	1	861	2537	1		1
2118+132	21 20 42.5	13 27 24	WFC	IMAGE	ALL	F555W		1	100	2350	1		1
2118+132	21 20 42.5	13 27 24	WFC	IMAGE	ALL	F555W		1	500	2350	1		1
2118+132	21 20 42.5	13 27 24	WFC	IMAGE	ALL	F555W		1	2000	2350	1		1
2118+132	21 20 42.5	13 27 24	WFC	IMAGE	ALL	F785LP		1	500	2350	1		1
2118+132	21 20 42.5	13 27 24	WFC	IMAGE	ALL	F785LP		1	2000	2350	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P5	F555W		1	2	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P6	F336W		1	23	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P7	F439W		1	5	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P8	F336W		1	9	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P8	F555W		1	1	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P6	F785LP		1	10	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P5	F785LP		1	10	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P7	F785LP		1	11	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P5	F336W		1	25	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P5	F439W		1	7	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P6	F439W		1	7	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P6	F555W		1	1	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P7	F336W		1	22	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P7	F555W		1	1	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P8	F439W		1	3	2579	1		1
WD2124+550	21 26 25.1	55 13 34	PC	IMAGE	P8	F785LP		1	10	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P5	F336W		1	4	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P5	F439W		1	1	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P6	F336W		1	3	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P7	F336W		1	3	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P8	F336W		1	1	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P5	F785LP		1	2	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P6	F439W		1	1	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P7	F439W		1	0	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P6	F785LP		1	1	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P7	F785LP		1	2	2579	1		1
WD2126+734	21 26 57.2	73 38 50	PC	IMAGE	P8	F785LP		1	1	2579	1		1
Q2127-158	21 29 49.4	-15 33 14	PC	IMAGE	ALL	F555W		1	200	2350	1		1
Q2127-158	21 29 49.4	-15 33 14	PC	IMAGE	ALL	F555W		1	800	2350	1		1
PKS2128-12	21 31 35.3	-12 7 5	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PKS2128-12	21 31 35.3	-12 7 5	FOS/RD	ACQ/BINA	4.3	MIRROR		1	9	2424	1	ACQ	1
PKS2128-12	21 31 35.3	-12 7 5	FOS/BL	ACCUM	1.0	G160L	1837	1	900	2424	1		1
PKS2128-12	21 31 35.3	-12 7 5	FOS/RD	ACCUM	1.0	G270H	2753	1	558	2424	1		1
PKS2128-12	21 31 35.3	-12 7 5	FOS/RD	ACCUM	1.0	G190H	1980	1	2238	2424	1		1
LDS749-B	21 32 14.7	0 15 6	HRS	ACCUM	2.0	G140L	1288	1	2100	2593	2		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P6	F439W		1	8	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P6	F555W		1	2	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P5	F336W		1	17	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P5	F439W		1	7	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P6	F336W		1	16	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P7	F336W		1	15	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P5	F785LP		1	11	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P6	F785LP		1	10	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P7	F785LP		1	12	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P5	F555W		1	2	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P7	F439W		1	5	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P7	F555W		1	1	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P8	F336W		1	6	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P8	F439W		1	3	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P8	F555W		1	1	2579	1		1
WD2129+000	21 32 15.8	0 15 21	PC	IMAGE	P8	F785LP		1	10	2579	1		1
ESO-2133-5446	21 36 27.8	-54 33 26	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-2133-5446	21 36 27.8	-54 33 26	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PKS2143-156	21 46 23.0	-15 25 44	FOS/RD	ACCUM	1.0	G400H	4000	1	720	2578	2		1
PKS2143-156	21 46 23.0	-15 25 44	FOS/RD	ACCUM	1.0	G190H	1900	1	1680	2578	2		1
PKS2143-156	21 46 23.0	-15 25 44	FOS/RD	ACCUM	1.0	G270H	2700	1	840	2578	2		1
PKS2143-156	21 46 23.0	-15 25 44	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
PKS2145+06	21 48 5.5	6 57 39	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS2145+06	21 48 5.5	6 57 39	FOS/BL	ACCUM	1.0	G160L	1837	1	360	2424	1		1
PKS2146-133	21 49 28.7	-13 4 26	PC	IMAGE	ALL	F606W		2	1100	2488	1		1
PKS2155-304	21 58 52.0	-30 13 32	PC	IMAGE	ALL	F555W		1	200	2350	1		1
PKS2155-304	21 58 52.0	-30 13 32	PC	IMAGE	ALL	F555W		1	800	2350	1		1
PKS2155-304	21 58 52.0	-30 13 32	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS2155-304	21 58 52.0	-30 13 32	FOS/RD	ACCUM	1.0	G190H	1980	1	180	2424	3		1
PKS2155-304	21 58 52.0	-30 13 32	FOS/RD	ACCUM	1.0	G270H	2753	1	180	2424	3		1
B22201+31A	22 3 15.0	31 45 38	FOS/RD	ACCUM	1.0	G400H	4000	1	120	2578	1		1
B22201+31A	22 3 15.0	31 45 38	FOS/BL	ACCUM	1.0	G130H	1300	1	2340	2578	1		1
B22201+31A	22 3 15.0	31 45 38	FOS/RD	ACCUM	1.0	G270H	2700	1	176	2578	1		1
B22201+31A	22 3 15.0	31 45 38	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
B22201+31A	22 3 15.0	31 45 38	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
B22201+31A	22 3 15.0	31 45 38	FOS/BL	ACCUM	1.0	G190H	1900	1	1019	2578	1		1
Q2203+29	22 6 2.7	29 30 2	WFC	IMAGE	ALL	F702W		1	200	2350	1		1
Q2203+29	22 6 2.7	29 30 2	WFC	IMAGE	ALL	F702W		1	800	2350	1		1
ESO-2204-3117	22 6 53.1	-31 3 0	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-2204-3117	22 6 53.1	-31 3 0	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
NGC7212	22 7 2.0	10 14 0	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
NGC7212	22 7 2.0	10 14 0	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
HD210049	22 8 22.9	-32 59 19	HRS	ACCUM	0.25	MIRROR-A2		1	0	2537	1		1
HD210049	22 8 22.9	-32 59 19	HRS	ACCUM	0.25	ECH-B	2345	1	2700	2537	1		1
HD210049	22 8 22.9	-32 59 19	HRS	ACCUM	0.25	ECH-B	2854	1	725	2537	1		1
22H-DEEP-FIELD	22 17 34.7	0 15 6	WFC	IMAGE	W1	F555W		1	2500	2365	1		7
22H-DEEP-FIELD	22 17 34.7	0 15 6	FOC/48	IMAGE	512X1024	F220W		1	1816	2365	1		8

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PKS2216-03	22 18 52.1	-3 35 37	FOS/RD	ACCUM	1.0	G400H	4000	1	300	2578	1		1
PKS2216-03	22 18 52.1	-3 35 37	FOS/RD	ACCUM	1.0	G190H	1900	1	840	2578	1		1
PKS2216-03	22 18 52.1	-3 35 37	FOS/RD	ACCUM	1.0	G270H	2700	1	420	2578	1		1
PKS2216-03	22 18 52.1	-3 35 37	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
ESO-2217-4617	22 20 57.7	-46 1 56	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-2217-4617	22 20 57.7	-46 1 56	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
HD212571	22 25 16.5	1 22 39	HRS	RAPID	2.0	G200M	1829	1	70	2544	1		5
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-A	1122	1	66	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-A	1159	1	49	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-A	1303	1	62	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-B	1807	1	75	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-B	2370	1	39	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-B	1744	1	112	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	ACCUM	0.25	ECH-A	1548	1	52	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	ACCUM	0.25	ECH-A	1547	1	52	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	ACCUM	0.25	ECH-A	1548	1	52	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	ACCUM	0.25	ECH-B	2323	1	24	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	ACCUM	0.25	ECH-A	1251	1	20	2251	1		2
HD212571	22 25 16.6	1 22 39	HRS	ACCUM	0.25	ECH-A	1252	1	20	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	ACCUM	0.25	ECH-A	1334	1	25	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	ACCUM	0.25	ECH-A	1333	1	25	2251	1		2
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-A	1192	1	56	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-B	1827	1	89	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-B	2058	1	62	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-A	1240	1	79	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-A	1279	1	49	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-B	2025	1	62	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-A	1357	1	125	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	ACCUM	0.25	ECH-B	2324	1	24	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	ACCUM	0.25	ECH-B	2325	1	24	2251	1		1
HD212571	22 25 16.6	1 22 39	HRS	WSCAN	0.25	ECH-A	1391	1	145	2251	1		1
3C446	22 25 47.3	-4 57 1	FOS/RD	ACCUM	1.0	G400H	4000	1	750	2578	1		1
3C446	22 25 47.3	-4 57 1	FOS/RD	ACCUM	1.0	G270H	2700	1	990	2578	1		1
3C446	22 25 47.3	-4 57 1	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
1E2223-0517	22 26 15.8	-5 2 6	PC	IMAGE	ALL	F555W		1	200	2350	1		1
1E2223-0517	22 26 15.8	-5 2 6	PC	IMAGE	ALL	F555W		1	800	2350	1		1
2226+089	22 29 8.1	9 14 21	PC	IMAGE	ALL	F555W		1	200	2350	1		1
2226+089	22 29 8.1	9 14 21	PC	IMAGE	ALL	F555W		1	800	2350	1		1
HD213310	22 29 31.9	47 42 25	FOC/288	IMAGE	512X1024	F175W F1ND PRISM2		2	60	2680	1		3
HD213659	22 32 21.5	40 36 54	FOC/288	IMAGE	512X1024	F175W F1ND PRISM2		1	480	2680	1		3
CTA102	22 32 36.4	11 43 51	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
CTA102	22 32 36.4	11 43 51	FOS/BL	ACCUM	1.0	G160L	1837	1	792	2424	2		1
CTA102	22 32 36.4	11 43 51	FOS/RD	ACCUM	1.0	G400H	4000	1	600	2578	1		1
CTA102	22 32 36.4	11 43 51	FOS/RD	ACCUM	1.0	G270H	2700	1	780	2578	1		1
CTA102	22 32 36.4	11 43 51	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
INCA221-147-AST2	22 34 10.9	-48 25 52	FGS	POS	2	F550W		1	10	2859	1	CON PAR	1
INCA221-147-AST1	22 34 11.8	-48 27 38	FGS	POS	2	F550W		1	60	2859	1	CON PAR	1
INCA221-147-AST1	22 34 11.8	-48 27 38	FGS	POS	2	F550W		1	26	2859	1	CON PAR	1
INCA221-147	22 34 58.9	-48 33 28	PC	IMAGE	P8	F658N		1	10	2859	1	CON	1
2232-488INCA221-147	22 35 13.3	-48 35 59	PC	IMAGE	P8	F606W		1	26	2859	1	CON	1
2232-488INCA221-147	22 35 13.3	-48 35 59	PC	IMAGE	P8	F725LP		1	60	2859	1	CON	1
NGC7314	22 35 45.8	-26 3 5	WFC	IMAGE	ALL	F555W		1	300	2775	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NGC7314	22 35 45.8	-26 3 5	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PG2233+134	22 36 7.7	13 43 55	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG2233+134	22 36 7.7	13 43 55	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PG2233+134	22 36 7.7	13 43 55	FOS/RD	ACCUM	1.0	G270H	2753	1	582	2424	3		1
PG2233+134	22 36 7.7	13 43 55	FOS/RD	ACCUM	1.0	G190H	1980	1	1584	2424	3		1
PG2233+134	22 36 7.7	13 43 55	FOS/BL	ACCUM	1.0	G130H	1379	1	11429	2424	3		1
NGC7331-FIELD	22 37 5.1	34 25 10	WFC	IMAGE	ALL	F336W		1	2500	2227	1		2
NGC7331-FIELD	22 37 5.1	34 25 10	WFC	IMAGE	ALL	F555W		1	2500	2227	1		13
NGC7331-FIELD	22 37 5.1	34 25 10	WFC	IMAGE	ALL	F785LP		1	2500	2227	1		4
NGC7331-FIELD	22 37 5.1	34 25 10	FOC/48	IMAGE	512X1024	F150W		1	2500	2227	1	PAR	12
NGC7331-FIELD	22 37 5.1	34 25 10	FOC/48	IMAGE	512X1024	F430W		1	2500	2227	1	PAR	3
NGC7331-FIELD	22 37 5.1	34 25 10	FOC/48	IMAGE	512X1024	F150W		2	2500	2227	1	PAR	1
NGC7331-FIELD	22 37 5.1	34 25 10	FOC/48	IMAGE	512X1024	F430W		2	2500	2227	1	PAR	1
2236+093	22 39 31.2	9 39 41	PC	IMAGE	ALL	F555W		1	200	2350	1		1
2236+093	22 39 31.2	9 39 41	PC	IMAGE	ALL	F555W		1	800	2350	1		1
G2237+0305	22 40 29.8	3 21 29	FOC/96	IMAGE	512X512	F2ND F342W		1	900	2502	1		1
MRK917	22 41 7.6	32 10 11	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
MRK917	22 41 7.6	32 10 11	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
AKN564-PCPOS	22 42 39.7	29 43 48	PC	IMAGE	ALL	F284W		1	60	2076	1	ACQ	1
AKN564-PCPOS	22 42 39.7	29 43 48	PC	IMAGE	ALL	F284W		1	300	2076	1	ACQ	1
AKN564-PCPOS	22 42 39.7	29 43 48	PC	IMAGE	ALL	F517N		1	30	2076	1	ACQ	1
AKN564-PCPOS	22 42 39.7	29 43 48	PC	IMAGE	ALL	F517N		1	300	2076	1	ACQ	1
AKN564-PCPOS	22 42 39.7	29 43 48	PC	IMAGE	ALL	F588N		1	30	2076	1	ACQ	1
AKN564-PCPOS	22 42 39.7	29 43 48	PC	IMAGE	ALL	F588N		1	600	2076	1	ACQ	1
AKN564	22 42 40.2	29 44 13*	FOS/BL	ACCUM	0.5	G130H	1380	1	12600	2076	1		1
AKN564	22 42 40.2	29 44 13*	FOS/RD	ACCUM	0.5	G270H	2753	1	600	2076	1		1
AKN564	22 42 40.2	29 44 13*	FOS/BL	ACCUM	0.5	G190H	1954	1	3600	2076	1		1
AKN564	22 42 40.2	29 44 13*	FOS/RD	ACCUM	0.5	G400H	4013	1	1500	2076	1		1
AKN564-OFFSET	22 42 40.2	29 44 13	FOS/BL	ACQ/BINA	4.3	MIRROR		1	3	2076	1	ACQ	1
AKN564-OFFSET	22 42 40.2	29 44 13	FOS/RD	ACQ/BINA	4.3	MIRROR		1	1	2076	1	ACQ	1
G233-27	22 44 7.0	56 44 1	FGS	POS	PRIME	F583W		1	50	2428	1		32
G233-27	22 44 7.0	56 44 1	FGS	POS	PRIME	F583W		1	50	2428	2		32
G233-27	22 44 7.0	56 44 1	FGS	POS	PRIME	F583W		1	50	2428	3		13
G233-27	22 44 7.0	56 44 1	FGS	TRANS	PRIME	F583W		1	10	2428	1		1
PKS2243-123	22 46 18.2	-12 6 52	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS2243-123	22 46 18.2	-12 6 52	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS2243-123	22 46 18.2	-12 6 52	FOS/BL	ACCUM	1.0	G160L	1837	1	606	2424	2		1
PKS2243-123	22 46 18.2	-12 6 52	FOS/RD	ACCUM	1.0	G270H	2753	1	558	2424	2		1
PKS2243-123	22 46 18.2	-12 6 52	FOS/RD	ACCUM	1.0	G190H	1980	1	1661	2424	2		1
CL2244-02-ARC	22 47 12.3	-2 5 39	PC	IMAGE	P8	F555W		1	3911	2801	1		1
ESO-2244-6519	22 47 19.4	-65 3 29	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-2244-6519	22 47 19.4	-65 3 29	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
2248+067	22 50 46.5	7 2 16	PC	IMAGE	ALL	F555W		1	200	2350	1		1
2248+067	22 50 46.5	7 2 16	PC	IMAGE	ALL	F555W		1	800	2350	1		1
POINT2251+158INCA221-153	22 53 8.2	16 10 2	S/C	POINTING	V1			1	0	2862	1		1
INCA221-153	22 53 47.2	16 17 31	FGS	POS	2	F583W		1	51	2862	1		2
3C454.3	22 53 57.7	16 8 53	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C454.3	22 53 57.7	16 8 53	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C454.3	22 53 57.7	16 8 53	FOS/BL	ACCUM	1.0	G160L	1837	1	576	2424	3		1
3C454.3	22 53 57.7	16 8 53	FOS/RD	ACCUM	1.0	G270H	2753	1	426	2424	3		1
3C454.3	22 53 57.7	16 8 53	FOS/RD	ACCUM	1.0	G190H	1980	1	1524	2424	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
3C454.3	22 53 57.8	16 8 53	FGS	TRANS	1	F583W		1	586	2443	1		1
3C454.3	22 53 57.8	16 8 53	FGS	TRANS	1	F650W		1	586	2443	1		1
3C454.3	22 53 57.8	16 8 53	FGS	TRANS	2	F583W		1	586	2443	1		1
3C454-3	22 53 57.8	16 8 53	FOS/RD	ACCUM	1.0	G400H	4000	1	240	2578	1		1
3C454-3	22 53 57.8	16 8 53	FOS/RD	ACCUM	1.0	G270H	2700	1	300	2578	1		1
3C454-3	22 53 57.8	16 8 53	FOS/RD	ACCUM	1.0	G190H	1900	1	660	2578	1		1
3C454-3	22 53 57.8	16 8 53	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
2251+158INCA221-153	22 53 57.8	16 8 54	FGS	POS	2	F583W		1	51	2862	1		3
PKS2251+11	22 54 10.4	11 36 39	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS2251+11	22 54 10.4	11 36 39	FOS/RD	ACCUM	1.0	G270H	2753	1	522	2424	1		1
PKS2251+11	22 54 10.4	11 36 39	FOS/BL	ACCUM	1.0	G130H	1379	1	10080	2424	1		1
PKS2251+11	22 54 10.4	11 36 39	FOS/RD	ACCUM	1.0	G190H	1980	1	1956	2424	1		1
PKS2251+11	22 54 10.4	11 36 39	FOS/RD	ACQ/BINA	4.3	MIRROR		1	6	2424	1	ACQ	1
PKS2251+11	22 54 10.4	11 36 39	FOS/RD	ACCUM	1.0	G400H	4000	1	150	2578	1		1
PKS2251+11	22 54 10.4	11 36 39	FOS/BL	ACCUM	1.0	G130H	1300	1	1680	2578	1		1
PKS2251+11	22 54 10.4	11 36 39	FOS/BL	ACCUM	1.0	G190H	1900	1	780	2578	1		1
PKS2251+11	22 54 10.4	11 36 39	FOS/RD	ACCUM	1.0	G270H	2700	1	150	2578	1		1
PKS2251+11	22 54 10.4	11 36 39	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
PKS2251+11	22 54 10.4	11 36 39	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	1	ACQ	1
PKS2251+11	22 54 10.5	11 36 38	WFC	IMAGE	ALL	F785LP		1	500	2425	1		1
PKS2251+11	22 54 10.5	11 36 38	WFC	IMAGE	ALL	F785LP		1	2300	2425	1		1
PKS2251+114	22 54 10.5	11 36 38	PC	IMAGE	ALL	F664N		3	600	2687	1		1
PKS2251+114	22 54 10.5	11 36 38	PC	IMAGE	ALL	F718M		3	120	2687	1		1
NGC7410	22 55 0.1	-39 39 49	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
NGC7410	22 55 0.1	-39 39 49	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
IC1459	22 57 10.6	-36 27 44	PC	IMAGE	P7	F555W		1	20	2591	1		1
IC1459	22 57 10.6	-36 27 44	PC	IMAGE	P7	F555W		1	200	2591	1		1
IC1459	22 57 10.6	-36 27 44	PC	IMAGE	P7	F555W		1	1000	2591	1		1
IC1459	22 57 10.6	-36 27 44	PC	IMAGE	P7	F439W		1	225	2591	1		1
IC1459	22 57 10.6	-36 27 44	PC	IMAGE	P7	F785LP		1	30	2591	1		1
IC1459	22 57 10.6	-36 27 44	PC	IMAGE	P7	F785LP		1	300	2591	1		1
IC1459	22 57 10.6	-36 27 44	PC	IMAGE	P7	F785LP		1	1400	2591	1		1
ESO-2254-4339	22 57 12.5	-43 23 51	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-2254-4339	22 57 12.5	-43 23 51	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PKS2254+074	22 57 17.3	7 43 12	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS2254+074	22 57 17.3	7 43 12	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PKS2254+074	22 57 17.3	7 43 12	FOS/RD	ACCUM	1.0	G270H	2753	1	522	2424	2		1
PKS2254+074	22 57 17.3	7 43 12	FOS/BL	ACCUM	1.0	G130H	1379	1	13020	2424	2		1
PKS2254+074	22 57 17.3	7 43 12	FOS/RD	ACCUM	1.0	G190H	1980	1	1476	2424	2		1
PKS2254+024	22 57 17.6	2 43 18	FOS/RD	ACCUM	1.0	G400H	4000	1	480	2578	2		1
PKS2254+024	22 57 17.6	2 43 18	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2578	2	ACQ	1
HD216956	22 57 39.0	-29 37 20	HRS	ACCUM	0.25	MIRROR-A1		1	2	2537	1		1
HD216956	22 57 39.0	-29 37 20	HRS	ACCUM	0.25	ECH-A	1547	1	440	2537	1		1
HD216956	22 57 39.0	-29 37 20	HRS	ACCUM	0.25	ECH-A	1667	1	616	2537	1		1
POINT2255-282INCA221-158	22 57 39.6	-28 8 49	S/C	POINTING	V1			1	0	2862	1		1
INCA221-158	22 57 42.7	-27 57 58	FGS	POS	2	F5ND		1	51	2862	1		2
2255-282INCA221-158	22 58 6.0	-27 58 21	FGS	POS	2	F550W		1	51	2862	1		1
2255-282INCA221-158	22 58 6.0	-27 58 21	FGS	POS	2	F583W		1	51	2862	1		2
AC114-POS2	22 58 43.6	-34 48 42	WFC	IMAGE	ALL	F814W		1	3700	2269	1		1
AC114-POS2	22 58 43.6	-34 48 42	WFC	IMAGE	ALL	F555W		1	6699	2269	1		1
AC114-POS1	22 58 53.5	-34 48 18	WFC	IMAGE	ALL	F555W		1	6000	2269	1		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
AC114-POS1	22 58 53.5	-34 48 18	WFC	IMAGE	ALL	F814W		1	3700	2269	1		1
NGC7457	23 1 0.0	30 8 42	PC	IMAGE	ALL	F785LP		1	40	2600	2		1
NGC7457	23 1 0.0	30 8 42	PC	IMAGE	ALL	F785LP		1	400	2600	2		2
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-A	1159	1	58	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-B	1807	1	89	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-B	1744	1	132	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	ACCUM	0.25	ECH-A	1548	1	62	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-A	1122	1	77	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-A	1303	1	74	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-B	2370	1	46	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	ACCUM	0.25	ECH-A	1547	1	62	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	ACCUM	0.25	ECH-A	1548	1	62	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	ACCUM	0.25	ECH-B	2323	1	28	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-A	1192	1	66	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-B	1827	1	105	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-A	1279	1	58	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	ACCUM	0.25	ECH-A	1251	1	24	2251	2		2
HD217675	23 1 55.3	42 19 34	HRS	ACCUM	0.25	ECH-A	1252	1	24	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	ACCUM	0.25	ECH-A	1334	1	29	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	ACCUM	0.25	ECH-A	1333	1	29	2251	2		2
HD217675	23 1 55.3	42 19 34	HRS	ACCUM	0.25	ECH-B	2324	1	28	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	ACCUM	0.25	ECH-B	2325	1	28	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-B	2058	1	74	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-A	1240	1	93	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-A	1357	1	148	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-A	1391	1	171	2251	2		1
HD217675	23 1 55.3	42 19 34	HRS	WSCAN	0.25	ECH-B	2025	1	74	2251	2		1
Q2300-445-R1	23 3 21.7	-44 10 28	FOC/288	IMAGE	512X512	F210M		1	1620	2624	1		1
Q2300-445-R2	23 3 21.7	-44 10 28	FOC/288	IMAGE	512X512	F210M		1	1620	2624	1		1
PKS2300-683	23 3 43.7	-68 7 36	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS2300-683	23 3 43.7	-68 7 36	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS2300-683	23 3 43.7	-68 7 36	FOS/BL	ACCUM	1.0	G160L	1837	1	486	2424	3		1
PKS2300-683	23 3 43.7	-68 7 36	FOS/RD	ACCUM	1.0	G190H	1980	1	1620	2424	3		1
PKS2300-683	23 3 43.7	-68 7 36	FOS/RD	ACCUM	1.0	G270H	2753	1	570	2424	3		1
PG2302+029	23 4 45.0	3 11 46	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
PG2302+029	23 4 45.0	3 11 46	FOS/BL	ACCUM	1.0	G160L	1837	1	774	2424	2		1
HD218915	23 11 6.9	53 3 31	HRS	ACCUM	0.25	ECH-A36	1549	1	1242	2403	1		1
HD218915	23 11 6.9	53 3 31	HRS	ACCUM	0.25	ECH-A40	1400	1	1242	2403	1		1
HD218915	23 11 6.9	53 3 31	HRS	ACCUM	0.25	ECH-A45	1240	1	1143	2403	1		1
HD218915	23 11 6.9	53 3 31	HRS	ACCUM	0.25	ECH-A45	1258	1	1044	2403	1		1
HD218915	23 11 6.9	53 3 31	HRS	ACCUM	0.25	ECH-A47	1197	1	666	2403	1		1
HD218915	23 11 6.9	53 3 31	HRS	ACCUM	0.25	ECH-A47	1204	1	1053	2403	1		1
HD218915	23 11 6.9	53 3 31	HRS	ACCUM	0.25	ECH-A40	1391	1	1520	2403	1		1
PKS2310-322	23 13 7.3	-22 57 49	PC	IMAGE	ALL	F664N		3	600	2687	1		1
PKS2310-322	23 13 7.3	-22 57 49	PC	IMAGE	ALL	F718M		3	120	2687	1		1
PKS2310-322	23 13 10.1	-31 57 49	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS2310-322	23 13 10.1	-31 57 49	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS2310-322	23 13 10.1	-31 57 49	FOS/RD	ACCUM	1.0	G270H	2753	1	642	2424	3		1
PKS2310-322	23 13 10.1	-31 57 49	FOS/BL	ACCUM	1.0	G130H	1379	1	12660	2424	3		1
PKS2310-322	23 13 10.1	-31 57 49	FOS/RD	ACCUM	1.0	G190H	1980	1	1752	2424	3		1
NGC7582	23 18 23.6	-42 22 13	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
NGC7582	23 18 23.6	-42 22 13	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
CASSIOPEIA-A-NE	23 23 32.9	58 49 53	WFC	IMAGE	ALL	F547M	5462	1	500	2417	1		1
CASSIOPEIA-A-NE	23 23 32.9	58 49 53	WFC	IMAGE	ALL	F502N	5019	1	2500	2417	1		1
CASSIOPEIA-A-NE	23 23 32.9	58 49 53	WFC	IMAGE	ALL	F631N	6307	1	2500	2417	1		1
CASSIOPEIA-A-NE	23 23 32.9	58 49 53	WFC	IMAGE	ALL	F656N	6559	1	2500	2417	1		1
CASSIOPEIA-A-NE	23 23 32.9	58 49 53	WFC	IMAGE	ALL	F673N	6727	1	2500	2417	1		1
ABELL2597	23 25 19.7	-12 7 27	WFC	IMAGE	ALL	F439W		1	3000	2630	1		1
ABELL2597	23 25 19.7	-12 7 27	WFC	IMAGE	ALL	F230W		1	7200	2630	1		1
ABELL2597	23 25 19.7	-12 7 27	WFC	IMAGE	ALL	F725LP		1	2000	2630	1		1
NGC7674	23 27 56.7	8 46 44	FOS/RD	ACCUM	0.5	PRISM		1	721	2711	1		1
NGC7674	23 27 56.7	8 46 44	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2711	1		1
3C463	23 27 57.4	27 15 54	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
3C463	23 27 57.4	27 15 54	FOS/BL	ACCUM	1.0	G160L	1837	1	768	2424	3		1
4C29.68	23 28 10.6	29 37 10	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
4C29.68	23 28 10.6	29 37 10	FOS/BL	ACCUM	1.0	G160L	1837	1	768	2424	3		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P6	F336W		1	6	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P5	F336W		1	6	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P5	F439W		1	1	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P8	F336W		1	2	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P7	F785LP		1	2	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P6	F439W		1	1	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P7	F336W		1	5	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P7	F439W		1	1	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P5	F785LP		1	2	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P6	F785LP		1	2	2579	1		1
WD2326+049	23 28 47.8	5 14 52	PC	IMAGE	P8	F785LP		1	2	2579	1		1
G29-38	23 28 48.9	5 15 2	HRS	ACCUM	2.0	G140L	1288	1	1200	2593	2		1
ESO-2331-3622	23 34 27.0	-36 6 4	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-2331-3622	23 34 27.0	-36 6 4	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PC2331+0216	23 34 31.9	2 33 22	WFC	IMAGE	ALL	F702W		1	200	2350	1		1
PC2331+0216	23 34 31.9	2 33 22	WFC	IMAGE	ALL	F702W		1	800	2350	1		1
ESO-2335-4800	23 37 49.5	-47 43 38	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-2335-4800	23 37 49.5	-47 43 38	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
PKS2340-036	23 42 56.6	-3 22 27	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS2340-036	23 42 56.6	-3 22 27	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS2340-036	23 42 56.6	-3 22 27	FOS/BL	ACCUM	1.0	G160L	1837	1	558	2424	3		1
PKS2340-036	23 42 56.6	-3 22 27	FOS/RD	ACCUM	1.0	G190H	1980	1	1356	2424	3		1
PKS2340-036	23 42 56.6	-3 22 27	FOS/RD	ACCUM	1.0	G270H	2753	1	365	2424	3		1
R-AQR-POS1	23 43 49.4	-15 17 4	HRS	ACCUM	0.25	G160M	1550	1	200	2342	1		1
R-AQR-POS1	23 43 49.4	-15 17 4	HRS	ACCUM	0.25	G140L	1685	1	300	2342	1		1
R-AQR-POS1	23 43 49.4	-15 17 4	HRS	ACCUM	0.25	G140L	1445	1	170	2342	1		1
R-AQR-POS1	23 43 49.4	-15 17 4	HRS	ACCUM	0.25	G140L	1175	1	220	2342	1		1
R-AQR-POS2	23 43 49.5	-15 17 4*	HRS	ACCUM	0.25	G140L	1685	1	300	2342	1		1
R-AQR-POS2	23 43 49.5	-15 17 4*	HRS	ACCUM	0.25	G140L	1445	1	170	2342	1		1
R-AQR-POS2	23 43 49.5	-15 17 4*	HRS	ACCUM	0.25	G140L	1175	1	220	2342	1		1
HD222800	23 43 49.5	-15 17 4	FOC/48	SPEC	512X1024-SLIT	F150W G150M	1500	1	2700	2490	1		1
HD222800	23 43 49.5	-15 17 4	FOC/48	SPEC	512X1024-SLIT	F305LP G450M	4500	1	1019	2490	1		1
R-AQR-POS3	23 43 49.6	-15 17 2*	HRS	ACCUM	2.0	G140L		1	280	2342	1		1

Fixed Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
R-AQR-POS3	23 43 49.6	-15 17 2*	HRS	ACCUM	2.0	G160M	1550	1	250	2342	1		1
R-AQR-POS3	23 43 49.6	-15 17 2*	HRS	ACCUM	2.0	G140L	1445	1	200	2342	1		1
R-AQR-POS3	23 43 49.6	-15 17 2*	HRS	ACCUM	2.0	G140L	1685	1	250	2342	1		1
R-AQR-POS4	23 43 49.7	-15 16 58*	HRS	ACCUM	2.0	G160M	1550	1	303	2342	1		1
R-AQR-POS4	23 43 49.7	-15 16 58*	HRS	ACCUM	2.0	G140L	1445	1	427	2342	1		1
R-AQR-POS4	23 43 49.7	-15 16 58*	HRS	ACCUM	2.0	G140L	1185	1	444	2342	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P5	F555W		1	0	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P6	F555W		1	0	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P7	F555W		1	0	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P8	F336W		1	2	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P8	F439W		1	0	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P8	F555W		1	0	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P5	F439W		1	1	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P6	F336W		1	4	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P6	F439W		1	1	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P7	F336W		1	4	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P7	F439W		1	1	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P5	F785LP		1	2	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P7	F785LP		1	2	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P8	F785LP		1	2	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P5	F336W		1	5	2579	1		1
WD2341+322	23 43 50.9	32 32 44	PC	IMAGE	P6	F785LP		1	2	2579	1		1
PKS2344+09	23 46 36.9	9 30 46	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	1	ACQ	1
PKS2344+09	23 46 36.9	9 30 46	FOS/RD	ACQ/BINA	4.3	MIRROR		1	8	2424	1	ACQ	1
PKS2344+09	23 46 36.9	9 30 46	FOS/RD	ACCUM	1.0	G270H	2753	1	606	2424	1		1
PKS2344+09	23 46 36.9	9 30 46	FOS/RD	ACCUM	1.0	G190H	1980	1	2082	2424	1		1
PKS2344+09	23 46 36.9	9 30 46	FOS/BL	ACCUM	1.0	G160L	1837	1	821	2424	1		1
PKS2349-01	23 51 56.0	-1 9 14	FOS/BL	ACCUM	1.0	G130H	1379	1	3096	2424	1		1
PKS2349-01	23 51 56.0	-1 9 14	FOS/BL	ACQ/BINA	4.3	MIRROR		1	8	2424	1	ACQ	1
4C28.58	23 51 59.1	29 10 29	PC	IMAGE	ALL	F492M		3	2300	2438	1		1
4C28.58	23 51 59.1	29 10 29	PC	IMAGE	ALL	F702W		3	2300	2438	1		1
UM186	23 53 21.8	-1 15 28	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
UM186	23 53 21.8	-1 15 28	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	2	ACQ	1
UM186	23 53 21.8	-1 15 28	FOS/BL	ACCUM	1.0	G160L	1837	1	612	2424	2		1
UM186	23 53 21.8	-1 15 28	FOS/RD	ACCUM	1.0	G270H	2753	1	360	2424	2		1
UM186	23 53 21.8	-1 15 28	FOS/RD	ACCUM	1.0	G190H	1980	1	1463	2424	2		1
PKS2352-342	23 55 25.5	-33 57 57	FOS/BL	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS2352-342	23 55 25.5	-33 57 57	FOS/RD	ACQ/BINA	4.3	MIRROR		1	11	2424	3	ACQ	1
PKS2352-342	23 55 25.5	-33 57 57	FOS/BL	ACCUM	1.0	G160L	1837	1	630	2424	3		1
PKS2352-342	23 55 25.5	-33 57 57	FOS/RD	ACCUM	1.0	G270H	2753	1	522	2424	3		1
PKS2352-342	23 55 25.5	-33 57 57	FOS/RD	ACCUM	1.0	G190H	1980	1	1614	2424	3		1
ESO-2355-3252	23 57 48.2	-32 35 30	WFC	IMAGE	ALL	F555W		1	300	2775	1		1
ESO-2355-3252	23 57 48.2	-32 35 30	WFC	IMAGE	ALL	F785LP		1	300	2775	1		1
2356+179	23 59 22.7	18 11 29	WFC	IMAGE	ALL	F555W		1	500	2350	1		1
2356+179	23 59 22.7	18 11 29	WFC	IMAGE	ALL	F555W		1	2000	2350	1		1
2356+179	23 59 22.7	18 11 29	WFC	IMAGE	ALL	F785LP		1	500	2350	1		1
2356+179	23 59 22.7	18 11 29	WFC	IMAGE	ALL	F785LP		1	2000	2350	1		1

4.6 SOLAR-SYSTEM TARGET OBSERVATIONS FOR GO PROGRAMS

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
BL-JUP-12DEGN-CM-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-15DEGN-CM-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUP-25DEGN-CM-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUP-25DEGN-LIMB-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUP-25DEGS-CM-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-25DEGS-LIMB-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-48DEGN-CM-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUP-48DEGN-LIMB-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUP-48DEGS-CM-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-48DEGS-LIMB-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-6DEGN-LIMB-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUP-6DEGS-CM-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-BARGE-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-HILAT-CM-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-HILAT-CM-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUP-HILAT-LIMB-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-HILAT-LIMB-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUP-NEBCON-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUP-PLUME-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-PLUME-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUP-RED-SPOT-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-RED-SPOT-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUP-SEB-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-JUP-SEB-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-JUPITER-15DEGN-CM-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1
BL-JUPITER-20DEGN-CM-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1
BL-JUPITER-25DEGN-CM-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
BL-JUPITER-25DEGN-LIMB-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1
BL-JUPITER-48DEGN-CM-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1
BL-JUPITER-48DEGN-LIMB-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1
BL-JUPITER-6DEGN-LIMB-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1
BL-JUPITER-HILAT-CM-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1
BL-JUPITER-HILAT-LIMB-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1
BL-JUPITER-PLUME-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1
BL-JUPITER-RED-SPOT-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1
BL-JUPITER-SEB-FOS	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	1		1
BL-SAT-75DEGN-CM-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-SAT-75DEGN-LIMB-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-SAT-75DEGS-CM-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-SAT-75DEGS-LIMB-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-SAT-EQUATR-CM-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-SAT-EQUATR-CM-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
BL-SAT-EQUATR-LIMB-FOS-CYCL2	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	2		1
BL-SAT-EQUATR-LIMB-FOS-CYCL3	(S)		FOS/BL	ACCUM	1.0	G190H		1	1019	2560	3		1
CHARON-NORTH	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	10500	2569	1		1
CHARON-SOUTH	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	10500	2569	1		1
COMET-FAYE-1984XI	(S)		PC	IMAGE	ALL	F702W		1	5	2231	1		7
COMET-FAYE-1984XI	(S)		PC	IMAGE	ALL	F517N		2	400	2231	1		1
COMET-FAYE-1984XI	(S)		PC	IMAGE	ALL	F702W		2	20	2231	1		6
COMET-FAYE-1984XI	(S)		PC	IMAGE	ALL	F702W		4	20	2231	1		1
DEIMOS-E	(S)		FOS/BL	ACCUM	0.5	PRISM	3675	1	80	2435	1		2
DEIMOS-E	(S)		FOS/BL	RAPID	0.5	PRISM	3675	1	1426	2435	1		1
DEIMOS-E	(S)		FOS/BL	ACQ/BINA	4.3	MIRROR		1	3	2435	1	ACQ	1
DEIMOS-W	(S)		FOS/BL	ACCUM	0.5	PRISM	3675	1	80	2435	1		2
DEIMOS-W	(S)		FOS/BL	RAPID	0.5	PRISM	3675	1	1426	2435	1		1
DEIMOS-W	(S)		FOS/BL	ACQ/BINA	4.3	MIRROR		1	3	2435	1	ACQ	1
HARTLEY-2	(S)		WFC	IMAGE	ALL	F791W		1	4	2481	1	ACQ	1
HARTLEY-2	(S)		FOS/BL	ACQ/FIRM	4.3	MIRROR		1	20	2481	1	ACQ	15
HARTLEY-2	(S)		FOS/RD	ACQ/FIRM	4.3	MIRROR		1	4	2481	1	ACQ	4
HARTLEY-2	(S)		FOS/BL	ACCUM	1.0-PAIR	G130H	1379	1	720	2481	1		2
HARTLEY-2	(S)		FOS/BL	ACCUM	1.0-PAIR	G130H	1379	1	960	2481	1		3
HARTLEY-2	(S)		FOS/BL	ACCUM	1.0-PAIR	G190H	1944	1	720	2481	1		2
HARTLEY-2	(S)		FOS/BL	ACCUM	1.0-PAIR	G190H	1944	1	960	2481	1		3
HARTLEY-2	(S)		FOS/BL	ACCUM	1.0-PAIR	G270H	2769	1	120	2481	1		4

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
HARTLEY-2	(S)		FOS/BL	ACCUM	1.0-PAIR	G270H	2769	1	960	2481	1		5
HARTLEY-2	(S)		FOS/RD	ACCUM	1.0-PAIR	G270H	2753	1	120	2481	1		2
HARTLEY-2	(S)		FOS/RD	ACCUM	1.0-PAIR	G400H	4013	1	720	2481	1		1
HARTLEY-2	(S)		FOS/RD	ACCUM	1.0-PAIR	G400H	4013	1	960	2481	1		1
HARTLEY-2	(S)		FOS/RD	ACCUM	1.0-PAIR	G570H	5691	1	720	2481	1		1
HARTLEY-2	(S)		FOS/RD	ACCUM	1.0-PAIR	G570H	5691	1	960	2481	1		1
IO	(S)		FOS/BL	IMAGE	4.3	G270H		1	4	2602	1		1
IO	(S)		FOS/BL	RAPID	4.3	G270H		1	1920	2602	1		1
IO	(S)		PC	IMAGE	P6	F718M	7120	1	0	2798	1		6
IO	(S)		FOS/BL	ACQ/PEAK	4.3	G270H		1	1	2602	1	ACQ	1
IO	(S)		PC	IMAGE	P6	F368M	3577	1	4	2798	1		6
IO	(S)		HRS	ACCUM	2.0	G140L	1336	32	60	2602	1		1
IO-ACQ	(S)		FOS/BL	ACQ/PEAK	1.0	G190H		1	0	2560	1	ACQ	4
IO-ACQ	(S)		FOS/BL	ACQ/PEAK	4.3	G190H		1	0	2560	1	ACQ	2
IO-ACQ	(S)		FOS/RD	ACQ/PEAK	1.0	G270H		1	0	2560	1	ACQ	4
IO-ACQ	(S)		FOS/RD	ACQ/PEAK	4.3	G270H		1	0	2560	1	ACQ	2
IO-ACQ	(S)		FOS/BL	ACQ/PEAK	1.0	G190H		1	0	2560	2	ACQ	4
IO-ACQ	(S)		FOS/BL	ACQ/PEAK	4.3	G190H		1	0	2560	2	ACQ	2
IO-ACQ	(S)		FOS/RD	ACQ/PEAK	1.0	G270H		1	0	2560	2	ACQ	4
IO-ACQ	(S)		FOS/RD	ACQ/PEAK	4.3	G270H		1	0	2560	2	ACQ	2
IO-ACQ	(S)		FOS/BL	ACQ/PEAK	1.0	G270H		1	0	2560	3	ACQ	4
IO-ACQ	(S)		FOS/BL	ACQ/PEAK	4.3	G270H		1	0	2560	3	ACQ	2
IO-ACQ	(S)		FOS/RD	ACQ/PEAK	1.0	G270H		1	0	2560	3	ACQ	4
IO-ACQ	(S)		FOS/RD	ACQ/PEAK	4.3	G270H		1	0	2560	3	ACQ	2
IO-TORUS-W	(S)		HRS	ACCUM	2.0	G140L	1322	5	360	2627	1		1
IO-TORUS-W	(S)		HRS	ACCUM	2.0	G140L	1597	5	360	2627	1		1
IO-TORUS-W	(S)		HRS	ACCUM	2.0	G270M	2469	5	360	2627	1		1
IO-TORUS-W	(S)		WFC	IMAGE	ANY	F673N	6731	1	420	2627	1		1
IO-W	(S)		PC	IMAGE	ANY	F569W	5320	1	0	2627	1		1
IO-W	(S)		HRS	RAPID	2.0	G200M	1910	1	2400	2627	1		1
IO-W	(S)		HRS	ACCUM	2.0	G140M	1298	6	300	2627	1		1
IO-W	(S)		HRS	RAPID	2.0	G140L	1322	1	2400	2627	1		1
IO-W	(S)		HRS	RAPID	2.0	G140L	1602	1	2400	2627	1		1
IO-W	(S)		HRS	RAPID	2.0	G200M	1817	1	2400	2627	1		1
JUPITER	(S)		PC	IMAGE	ALL	F569W	5320	1	0	2625	1		1
JUPITER	(S)		WFC	IMAGE	W1	F368M	3684	1	3	2564	1		4
JUPITER	(S)		WFC	IMAGE	W2	F889N	8888	1	7	2564	1		6
JUPITER	(S)		WFC	IMAGE	W3	F336W	3371	1	3	2564	1		6
JUPITER	(S)		WFC	IMAGE	W1	F368M	3684	1	3	2564	2		4
JUPITER	(S)		WFC	IMAGE	W2	F889N	8888	1	7	2564	2		6
JUPITER	(S)		WFC	IMAGE	W3	F336W	3371	1	3	2564	2		6
JUPITER	(S)		WFC	IMAGE	W1	F368M	3684	1	3	2564	3		4
JUPITER	(S)		WFC	IMAGE	W2	F889N	8888	1	7	2564	3		6
JUPITER	(S)		WFC	IMAGE	W3	F336W	3371	1	3	2564	3		6
JUPITER	(S)		WFC	IMAGE	W1	F284W	2866	1	23	2564	1		6
JUPITER	(S)		WFC	IMAGE	W1	F284W	2866	1	23	2564	2		6
JUPITER	(S)		WFC	IMAGE	W1	F284W	2866	1	23	2564	3		6
JUPITER	(S)		WFC	IMAGE	W2	F413M	4098	1	0	2564	1		4
JUPITER	(S)		WFC	IMAGE	W3	F656N	6559	1	2	2564	1		6
JUPITER	(S)		WFC	IMAGE	W2	F413M	4098	1	0	2564	2		4
JUPITER	(S)		WFC	IMAGE	W3	F656N	6559	1	2	2564	2		6
JUPITER	(S)		WFC	IMAGE	W2	F413M	4098	1	0	2564	3		4

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
JUPITER	(S)		WFC	IMAGE	W3	F656N	6559	1	2	2564	3		6
JUPITER	(S)		HRS	ACCUM	2.0	G140L	1332	5	596	2625	1		1
JUPITER	(S)		HRS	ACCUM	2.0	G140L	1593	5	596	2625	1		1
JUPITER-PC-CYCL1	(S)		PC	IMAGE	ALL	F413M		1	0	2560	1		6
JUPITER-PC-CYCL1	(S)		PC	IMAGE	ALL	F718M		1	0	2560	1		6
JUPITER-PC-CYCL1	(S)		PC	IMAGE	ALL	F718M		1	4	2560	1		6
JUPITER-PC-CYCL1	(S)		PC	IMAGE	ALL	F889N		1	90	2560	1		6
JUPITER-PC-CYCL1	(S)		PC	IMAGE	ALL	F230W		1	120	2560	1		6
JUPITER-PC-CYCL1	(S)		PC	IMAGE	ALL	F284W		1	110	2560	1		6
JUPITER-PC-CYCL1	(S)		PC	IMAGE	ALL	F336W		1	2	2560	1		6
JUPITER-PC-CYCL1	(S)		PC	IMAGE	ALL	F413M		1	8	2560	1		6
JUPITER-PC-CYCL1	(S)		PC	IMAGE	ALL	F631N		1	13	2560	1		6
JUPITER-PC-CYCL1	(S)		PC	IMAGE	ALL	F336W		1	1	2560	1		6
JUPITER-PC-CYCL2	(S)		PC	IMAGE	ALL	F413M		1	0	2560	2		6
JUPITER-PC-CYCL2	(S)		PC	IMAGE	ALL	F718M		1	0	2560	2		6
JUPITER-PC-CYCL2	(S)		PC	IMAGE	ALL	F718M		1	4	2560	2		6
JUPITER-PC-CYCL2	(S)		PC	IMAGE	ALL	F889N		1	90	2560	2		6
JUPITER-PC-CYCL2	(S)		PC	IMAGE	ALL	F230W		1	120	2560	2		6
JUPITER-PC-CYCL2	(S)		PC	IMAGE	ALL	F284W		1	110	2560	2		6
JUPITER-PC-CYCL2	(S)		PC	IMAGE	ALL	F336W		1	2	2560	2		6
JUPITER-PC-CYCL2	(S)		PC	IMAGE	ALL	F413M		1	8	2560	2		6
JUPITER-PC-CYCL2	(S)		PC	IMAGE	ALL	F631N		1	13	2560	2		6
JUPITER-PC-CYCL2	(S)		PC	IMAGE	ALL	F336W		1	1	2560	2		6
JUPITER-PC-CYCL3	(S)		PC	IMAGE	ALL	F413M		1	0	2560	3		6
JUPITER-PC-CYCL3	(S)		PC	IMAGE	ALL	F718M		1	0	2560	3		6
JUPITER-PC-CYCL3	(S)		PC	IMAGE	ALL	F718M		1	4	2560	3		6
JUPITER-PC-CYCL3	(S)		PC	IMAGE	ALL	F889N		1	90	2560	3		6
JUPITER-PC-CYCL3	(S)		PC	IMAGE	ALL	F230W		1	120	2560	3		6
JUPITER-PC-CYCL3	(S)		PC	IMAGE	ALL	F284W		1	110	2560	3		6
JUPITER-PC-CYCL3	(S)		PC	IMAGE	ALL	F336W		1	2	2560	3		6
JUPITER-PC-CYCL3	(S)		PC	IMAGE	ALL	F413M		1	8	2560	3		6
JUPITER-PC-CYCL3	(S)		PC	IMAGE	ALL	F631N		1	13	2560	3		6
JUPITER-PC-CYCL3	(S)		PC	IMAGE	ALL	F336W		1	1	2560	3		6
MARS	(S)		HRS	ACCUM	2.0	ECH-A	1215	6	600	2393	1		1
MARS	(S)		HRS	ACCUM	2.0	ECH-A	1215	9	600	2393	1		1
MARS	(S)		HRS	ACCUM	2.0	ECH-A	1215	1	460	2393	1		1
MARS-C1-CLOUDS-LON165	(S)		PC	IMAGE	P7	F413M		1	0	2379	1		1
MARS-C1-CLOUDS-LON185	(S)		PC	IMAGE	P7	F673N		1	0	2379	1		1
MARS-C1-CLOUDS-LON285	(S)		PC	IMAGE	P7	F336W		1	0	2379	1		1
MARS-C1-CLOUDS-LON285	(S)		PC	IMAGE	P7	F413M		1	0	2379	1		1
MARS-C1-CLOUDS-LON285	(S)		PC	IMAGE	P7	F502N		1	0	2379	1		1
MARS-C1-CLOUDS-LON285	(S)		PC	IMAGE	P7	F230W		1	120	2379	1		1
MARS-C1-CLOUDS-LON285	(S)		PC	IMAGE	P7	F673N		1	0	2379	1		1
MARS-C1-CLOUDS-LON45	(S)		PC	IMAGE	P7	F413M		1	0	2379	1		1
MARS-C1-CLOUDS-LON45	(S)		PC	IMAGE	P7	F673N		1	0	2379	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MARS-C1-LS0-LON300	(S)		PC	IMAGE	P7	F413M		1	0	2379	1		1
MARS-C1-LS0-LON300	(S)		PC	IMAGE	P7	F502N		1	0	2379	1		1
MARS-C1-LS0-LON300	(S)		PC	IMAGE	P7	F673N		1	0	2379	1		1
MARS-C1-LS20-LON300	(S)		PC	IMAGE	P7	F336W		1	0	2379	1		1
MARS-C1-LS20-LON300	(S)		PC	IMAGE	P7	F413M		1	0	2379	1		1
MARS-C1-LS20-LON300	(S)		PC	IMAGE	P7	F230W		1	120	2379	1		1
MARS-C1-LS20-LON300	(S)		PC	IMAGE	P7	F673N		1	0	2379	1		1
MARS-C1-LS20-LON300	(S)		FOS/RD	RAPID	0.1-PAIR	G270H	2800	1	375	2379	1		1
MARS-C1-LS40-LON300	(S)		PC	IMAGE	P7	F413M		1	0	2379	1		1
MARS-C1-LS40-LON300	(S)		PC	IMAGE	P7	F673N		1	0	2379	1		1
MARS-C1-OPPOSITION-LON150	(S)		PC	IMAGE	P7	F413M		1	0	2379	1		1
MARS-C1-OPPOSITION-LON150	(S)		PC	IMAGE	P7	F502N		1	0	2379	1		1
MARS-C1-OPPOSITION-LON150	(S)		PC	IMAGE	P7	F673N		1	0	2379	1		1
MARS-C1-OPPOSITION-LON150	(S)		FOS/RD	RAPID	0.1-PAIR	G270H	2800	1	600	2379	1		1
MARS-C1-OPPOSITION-LON270	(S)		PC	IMAGE	P7	F336W		1	0	2379	1		1
MARS-C1-OPPOSITION-LON270	(S)		PC	IMAGE	P7	F413M		1	0	2379	1		1
MARS-C1-OPPOSITION-LON270	(S)		PC	IMAGE	P7	F502N		1	0	2379	1		1
MARS-C1-OPPOSITION-LON270	(S)		PC	IMAGE	P7	F230W		1	120	2379	1		1
MARS-C1-OPPOSITION-LON270	(S)		PC	IMAGE	P7	F673N		1	0	2379	1		1
MARS-C1-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F336W		1	0	2379	1		1
MARS-C1-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F413M		1	0	2379	1		1
MARS-C1-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F502N		1	0	2379	1		1
MARS-C1-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F230W		1	120	2379	1		1
MARS-C1-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F588N		1	0	2379	1		1
MARS-C1-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F673N		1	0	2379	1		1
MARS-C1-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F889N		1	0	2379	1		1
MARS-C2-DUST1-LON310	(S)		PC	IMAGE	P7	F336W		1	0	2379	2		1
MARS-C2-DUST1-LON310	(S)		PC	IMAGE	P7	F413M		1	0	2379	2		1
MARS-C2-DUST1-LON310	(S)		PC	IMAGE	P7	F502N		1	0	2379	2		1
MARS-C2-DUST1-LON310	(S)		PC	IMAGE	P7	F230W		1	120	2379	2		1
MARS-C2-DUST1-LON310	(S)		PC	IMAGE	P7	F673N		1	0	2379	2		1
MARS-C2-DUST1-LON80	(S)		PC	IMAGE	P7	F413M		1	0	2379	2		1
MARS-C2-DUST1-LON80	(S)		PC	IMAGE	P7	F673N		1	0	2379	2		1
MARS-C2-DUST2-LON310	(S)		PC	IMAGE	P7	F336W		1	0	2379	2		1
MARS-C2-DUST2-LON310	(S)		PC	IMAGE	P7	F413M		1	0	2379	2		1
MARS-C2-DUST2-LON310	(S)		PC	IMAGE	P7	F230W		1	120	2379	2		1

Target	RA(2ØØØ)	Dec(2ØØØ)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MARS-C2-DUST2-LON31Ø	(S)		PC	IMAGE	P7	F673N		1	Ø	2379	2		1
MARS-C2-DUST2-LON8Ø	(S)		PC	IMAGE	P7	F413M		1	Ø	2379	2		1
MARS-C2-DUST2-LON8Ø	(S)		PC	IMAGE	P7	F673N		1	Ø	2379	2		1
MARS-C2-DUST3-LON31Ø	(S)		PC	IMAGE	P7	F336W		1	Ø	2379	2		1
MARS-C2-DUST3-LON31Ø	(S)		PC	IMAGE	P7	F413M		1	Ø	2379	2		1
MARS-C2-DUST3-LON31Ø	(S)		PC	IMAGE	P7	F23ØW		1	12Ø	2379	2		1
MARS-C2-DUST3-LON31Ø	(S)		PC	IMAGE	P7	F673N		1	Ø	2379	2		1
MARS-C2-DUST3-LON31Ø	(S)		FOS/RD	RAPID	Ø.1-PAIR	G27ØH	28ØØ	1	33Ø	2379	2		1
MARS-C2-DUST3-LON8Ø	(S)		PC	IMAGE	P7	F413M		1	Ø	2379	2		1
MARS-C2-DUST3-LON8Ø	(S)		PC	IMAGE	P7	F673N		1	Ø	2379	2		1
MARS-C2-REPEAT-LON15Ø	(S)		PC	IMAGE	P7	F413M		1	Ø	2379	2		1
MARS-C2-REPEAT-LON15Ø	(S)		PC	IMAGE	P7	F5Ø2N		1	Ø	2379	2		1
MARS-C2-REPEAT-LON15Ø	(S)		PC	IMAGE	P7	F673N		1	Ø	2379	2		1
MARS-C2-REPEAT-LON15Ø	(S)		FOS/RD	RAPID	Ø.1-PAIR	G27ØH	28ØØ	1	375	2379	2		1
MARS-C2-REPEAT-LON27Ø	(S)		PC	IMAGE	P7	F336W		1	Ø	2379	2		1
MARS-C2-REPEAT-LON27Ø	(S)		PC	IMAGE	P7	F413M		1	Ø	2379	2		1
MARS-C2-REPEAT-LON27Ø	(S)		PC	IMAGE	P7	F5Ø2N		1	Ø	2379	2		1
MARS-C2-REPEAT-LON27Ø	(S)		PC	IMAGE	P7	F23ØW		1	12Ø	2379	2		1
MARS-C2-REPEAT-LON27Ø	(S)		PC	IMAGE	P7	F673N		1	Ø	2379	2		1
MARS-C2-REPEAT-LON3Ø	(S)		PC	IMAGE	P7	F336W		1	Ø	2379	2		1
MARS-C2-REPEAT-LON3Ø	(S)		PC	IMAGE	P7	F413M		1	Ø	2379	2		1
MARS-C2-REPEAT-LON3Ø	(S)		PC	IMAGE	P7	F5Ø2N		1	Ø	2379	2		1
MARS-C2-REPEAT-LON3Ø	(S)		PC	IMAGE	P7	F23ØW		1	12Ø	2379	2		1
MARS-C2-REPEAT-LON3Ø	(S)		PC	IMAGE	P7	F588N		1	Ø	2379	2		1
MARS-C2-REPEAT-LON3Ø	(S)		PC	IMAGE	P7	F673N		1	Ø	2379	2		1
MARS-C2-REPEAT-LON3Ø	(S)		PC	IMAGE	P7	F889N		1	Ø	2379	2		1
MARS-C3-CLOUDS1-LON165	(S)		PC	IMAGE	P7	F336W		1	Ø	2379	3		1
MARS-C3-CLOUDS1-LON165	(S)		PC	IMAGE	P7	F413M		1	Ø	2379	3		1
MARS-C3-CLOUDS1-LON165	(S)		PC	IMAGE	P7	F23ØW		1	12Ø	2379	3		1
MARS-C3-CLOUDS1-LON165	(S)		PC	IMAGE	P7	F673N		1	Ø	2379	3		1
MARS-C3-CLOUDS1-LON285	(S)		PC	IMAGE	P7	F336W		1	Ø	2379	3		1
MARS-C3-CLOUDS1-LON285	(S)		PC	IMAGE	P7	F413M		1	Ø	2379	3		1
MARS-C3-CLOUDS1-LON285	(S)		PC	IMAGE	P7	F23ØW		1	12Ø	2379	3		1
MARS-C3-CLOUDS1-LON285	(S)		PC	IMAGE	P7	F673N		1	Ø	2379	3		1
MARS-C3-CLOUDS1-LON45	(S)		PC	IMAGE	P7	F336W		1	Ø	2379	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MARS-C3-CLOUDS1-LON45	(S)		PC	IMAGE	P7	F413M		1	0	2379	3		1
MARS-C3-CLOUDS1-LON45	(S)		PC	IMAGE	P7	F230W		1	120	2379	3		1
MARS-C3-CLOUDS1-LON45	(S)		PC	IMAGE	P7	F673N		1	0	2379	3		1
MARS-C3-CLOUDS2-LON140	(S)		PC	IMAGE	P7	F336W		1	0	2379	3		1
MARS-C3-CLOUDS2-LON140	(S)		PC	IMAGE	P7	F413M		1	0	2379	3		1
MARS-C3-CLOUDS2-LON140	(S)		PC	IMAGE	P7	F230W		1	120	2379	3		1
MARS-C3-CLOUDS2-LON140	(S)		PC	IMAGE	P7	F673N		1	0	2379	3		1
MARS-C3-CLOUDS2-LON300	(S)		PC	IMAGE	P7	F336W		1	0	2379	3		1
MARS-C3-CLOUDS2-LON300	(S)		PC	IMAGE	P7	F413M		1	0	2379	3		1
MARS-C3-CLOUDS2-LON300	(S)		PC	IMAGE	P7	F230W		1	120	2379	3		1
MARS-C3-CLOUDS2-LON300	(S)		PC	IMAGE	P7	F673N		1	0	2379	3		1
MARS-C3-OPPOSITION-LON150	(S)		PC	IMAGE	P7	F413M		1	0	2379	3		1
MARS-C3-OPPOSITION-LON150	(S)		PC	IMAGE	P7	F502N		1	0	2379	3		1
MARS-C3-OPPOSITION-LON150	(S)		PC	IMAGE	P7	F673N		1	0	2379	3		1
MARS-C3-OPPOSITION-LON150	(S)		FOS/RD	RAPID	0.1-PAIR	G270H	2800	1	600	2379	3		1
MARS-C3-OPPOSITION-LON270	(S)		PC	IMAGE	P7	F336W		1	0	2379	3		1
MARS-C3-OPPOSITION-LON270	(S)		PC	IMAGE	P7	F413M		1	0	2379	3		1
MARS-C3-OPPOSITION-LON270	(S)		PC	IMAGE	P7	F502N		1	0	2379	3		1
MARS-C3-OPPOSITION-LON270	(S)		PC	IMAGE	P7	F230W		1	120	2379	3		1
MARS-C3-OPPOSITION-LON270	(S)		PC	IMAGE	P7	F673N		1	0	2379	3		1
MARS-C3-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F336W		1	0	2379	3		1
MARS-C3-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F413M		1	0	2379	3		1
MARS-C3-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F502N		1	0	2379	3		1
MARS-C3-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F230W		1	120	2379	3		1
MARS-C3-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F588N		1	0	2379	3		1
MARS-C3-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F673N		1	0	2379	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
MARS-C3-OPPOSITION-LON30	(S)		PC	IMAGE	P7	F889N		1	0	2379	3		1
MARS-C3-REPEAT-LON300	(S)		PC	IMAGE	P7	F413M		1	0	2379	3		1
MARS-C3-REPEAT-LON300	(S)		PC	IMAGE	P7	F673N		1	0	2379	3		1
MARS-GEOCORONA	(S)		HRS	ACCUM	2.0	ECH-A	1215	1	460	2393	1		1
NEPTUNE	(S)		PC	IMAGE	P6	F889N	8888	1	900	2564	1		2
NEPTUNE	(S)		PC	IMAGE	P8	F284W	2866	1	300	2564	1		2
NEPTUNE	(S)		PC	IMAGE	P8	F336W	3371	1	60	2564	1		2
NEPTUNE	(S)		PC	IMAGE	P8	F368M	3684	1	60	2564	1		2
NEPTUNE	(S)		PC	IMAGE	P6	F889N	8888	1	900	2564	2		2
NEPTUNE	(S)		PC	IMAGE	P8	F284W	2866	1	300	2564	2		2
NEPTUNE	(S)		PC	IMAGE	P8	F336W	3371	1	60	2564	2		2
NEPTUNE	(S)		PC	IMAGE	P8	F368M	3684	1	60	2564	2		2
NEPTUNE	(S)		PC	IMAGE	P6	F889N	8888	1	900	2564	3		2
NEPTUNE	(S)		PC	IMAGE	P8	F284W	2866	1	300	2564	3		2
NEPTUNE	(S)		PC	IMAGE	P8	F336W	3371	1	60	2564	3		2
NEPTUNE	(S)		PC	IMAGE	P8	F368M	3684	1	60	2564	3		2
NEPTUNE	(S)		PC	IMAGE	P8	F413M	4098	1	35	2564	1		2
NEPTUNE	(S)		PC	IMAGE	P8	F656N	6559	1	350	2564	1		2
NEPTUNE	(S)		PC	IMAGE	P8	F413M	4098	1	35	2564	2		2
NEPTUNE	(S)		PC	IMAGE	P8	F656N	6559	1	350	2564	2		2
NEPTUNE	(S)		PC	IMAGE	P8	F413M	4098	1	35	2564	3		2
NEPTUNE	(S)		PC	IMAGE	P8	F656N	6559	1	350	2564	3		2
PHOBOS-E	(S)		FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	2435	1	ACQ	1
PHOBOS-E	(S)		FOS/BL	ACCUM	0.5	PRISM	3675	1	30	2435	1		2
PHOBOS-E	(S)		FOS/BL	RAPID	0.5	PRISM	3675	1	518	2435	1		1
PHOBOS-W	(S)		FOS/BL	ACQ/BINA	4.3	MIRROR		1	1	2435	1	ACQ	1
PHOBOS-W	(S)		FOS/BL	ACCUM	0.5	PRISM	3675	1	30	2435	1		2
PHOBOS-W	(S)		FOS/BL	RAPID	0.5	PRISM	3675	1	518	2435	1		1
PLUTO	(S)		PC	IMAGE	P6	F875M		1	120	2530	1		9
PLUTO	(S)		PC	IMAGE	P6	F889N		1	420	2530	1		9
PLUTO	(S)		FOC/288	IMAGE	512X512	F253M		1	1800	2530	1		9
PLUTO	(S)		FOC/288	IMAGE	512X512	F410M		1	240	2530	1		9
PLUTO-112	(S)		FOS/RD	ACQ/PEAK	4.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-112	(S)		FOS/RD	ACCUM	0.3	G190H	2000	1	1740	2569	1		1
PLUTO-112	(S)		FOS/RD	ACCUM	0.3	G570H	5700	1	90	2569	1		1
PLUTO-112	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	1740	2569	1		1
PLUTO-112	(S)		FOS/RD	ACQ/PEAK	0.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-157	(S)		FOS/RD	ACQ/PEAK	4.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-157	(S)		FOS/RD	ACCUM	0.3	G190H	2000	1	1740	2569	1		1
PLUTO-157	(S)		FOS/RD	ACCUM	0.3	G570H	5700	1	90	2569	1		1
PLUTO-157	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	1740	2569	1		1
PLUTO-157	(S)		FOS/RD	ACQ/PEAK	0.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-202	(S)		FOS/RD	ACQ/PEAK	4.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-202	(S)		FOS/RD	ACCUM	0.3	G190H	2000	1	1740	2569	1		1
PLUTO-202	(S)		FOS/RD	ACCUM	0.3	G570H	5700	1	90	2569	1		1
PLUTO-202	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	1740	2569	1		1
PLUTO-202	(S)		FOS/RD	ACQ/PEAK	0.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-22	(S)		FOS/RD	ACQ/PEAK	4.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-22	(S)		FOS/RD	ACCUM	0.3	G190H	2000	1	1740	2569	1		1

Solar System Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
PLUTO-22	(S)		FOS/RD	ACCUM	0.3	G570H	5700	1	90	2569	1		1
PLUTO-22	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	1740	2569	1		1
PLUTO-22	(S)		FOS/RD	ACQ/PEAK	0.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-247	(S)		FOS/RD	ACQ/PEAK	4.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-247	(S)		FOS/RD	ACCUM	0.3	G190H	2000	1	1740	2569	1		1
PLUTO-247	(S)		FOS/RD	ACCUM	0.3	G570H	5700	1	90	2569	1		1
PLUTO-247	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	1740	2569	1		1
PLUTO-247	(S)		FOS/RD	ACQ/PEAK	0.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-247-Q	(S)		FOS/RD	ACCUM	0.3	G190H	2000	1	1740	2569	1		1
PLUTO-247-Q	(S)		FOS/RD	ACQ/PEAK	4.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-247-Q	(S)		FOS/RD	ACCUM	0.3	G570H	5700	1	90	2569	1		1
PLUTO-247-Q	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	1740	2569	1		1
PLUTO-247-Q	(S)		FOS/RD	ACQ/PEAK	0.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-292	(S)		FOS/RD	ACQ/PEAK	4.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-292	(S)		FOS/RD	ACCUM	0.3	G190H	2000	1	1740	2569	1		1
PLUTO-292	(S)		FOS/RD	ACCUM	0.3	G570H	5700	1	90	2569	1		1
PLUTO-292	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	1740	2569	1		1
PLUTO-292	(S)		FOS/RD	ACQ/PEAK	0.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-337	(S)		FOS/RD	ACQ/PEAK	4.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-337	(S)		FOS/RD	ACCUM	0.3	G190H	2000	1	1740	2569	1		1
PLUTO-337	(S)		FOS/RD	ACCUM	0.3	G570H	5700	1	90	2569	1		1
PLUTO-337	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	1740	2569	1		1
PLUTO-337	(S)		FOS/RD	ACQ/PEAK	0.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-337-Q	(S)		FOS/RD	ACCUM	0.3	G190H	2000	1	1740	2569	1		1
PLUTO-337-Q	(S)		FOS/RD	ACQ/PEAK	4.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-337-Q	(S)		FOS/RD	ACCUM	0.3	G570H	5700	1	90	2569	1		1
PLUTO-337-Q	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	1740	2569	1		1
PLUTO-337-Q	(S)		FOS/RD	ACQ/PEAK	0.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-67	(S)		FOS/RD	ACQ/PEAK	4.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-67	(S)		FOS/RD	ACCUM	0.3	G190H	2000	1	1740	2569	1		1
PLUTO-67	(S)		FOS/RD	ACCUM	0.3	G570H	5700	1	90	2569	1		1
PLUTO-67	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	1740	2569	1		1
PLUTO-67	(S)		FOS/RD	ACQ/PEAK	0.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-67-Q	(S)		FOS/RD	ACQ/PEAK	4.3	MIRROR		1	0	2569	1	ACQ	1
PLUTO-67-Q	(S)		FOS/RD	ACCUM	0.3	G190H	2000	1	1740	2569	1		1
PLUTO-67-Q	(S)		FOS/RD	ACCUM	0.3	G570H	5700	1	90	2569	1		1
PLUTO-67-Q	(S)		FOS/RD	ACCUM	0.3	G270H	2700	1	1740	2569	1		1
PLUTO-67-Q	(S)		FOS/RD	ACQ/PEAK	0.3	MIRROR		1	0	2569	1	ACQ	1
RD-JUP-12DEGN-CM1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-12DEGN-CM1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-12DEGN-CM1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-12DEGN-CM2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-15DEGN-CM1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-15DEGN-CM1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-15DEGN-CM1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
RD-JUP-15DEGN-CM2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-20DEGN-CM1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-20DEGN-CM1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-20DEGN-CM1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-20DEGN-CM2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-25DEGN-CM1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-25DEGN-CM1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-25DEGN-CM1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-25DEGN-CM2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-25DEGN-LIMB1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-25DEGN-LIMB1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-25DEGN-LIMB1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-25DEGN-LIMB2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-25DEGS-CM1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-25DEGS-CM1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-25DEGS-CM1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-25DEGS-CM2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-25DEGS-LIMB1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-25DEGS-LIMB1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-25DEGS-LIMB1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-25DEGS-LIMB2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-48DEGN-CM1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-48DEGN-CM1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-48DEGN-CM1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-48DEGN-CM2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-48DEGN-LIMB1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
RD-JUP-48DEGN-LIMB1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-48DEGN-LIMB1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-48DEGN-LIMB2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-48DEGS-CM1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-48DEGS-CM1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-48DEGS-CM1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-48DEGS-CM2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-48DEGS-LIMB1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-48DEGS-LIMB1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-48DEGS-LIMB1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-48DEGS-LIMB2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-6DEGN-LIMB1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-6DEGN-LIMB1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-6DEGN-LIMB1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-6DEGN-LIMB2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-6DEGS-CM1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-6DEGS-CM1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-6DEGS-CM1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-6DEGS-CM2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-6DEGS-LIMB1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-6DEGS-LIMB1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-6DEGS-LIMB1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-6DEGS-LIMB2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-BARGE1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-BARGE1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-BARGE1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
RD-JUP-BARGE2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-HILAT-CM1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-HILAT-CM1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-HILAT-CM1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-HILAT-CM1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-HILAT-CM1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-HILAT-CM1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-HILAT-CM2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-HILAT-CM2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-HILAT-LIMB1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-HILAT-LIMB1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-HILAT-LIMB1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-HILAT-LIMB1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-HILAT-LIMB1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-HILAT-LIMB1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-HILAT-LIMB2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-HILAT-LIMB2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-NEBCON1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-NEBCON1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-NEBCON1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-NEBCON2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-PLUME1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-PLUME1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-PLUME1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-PLUME1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-PLUME1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1

Solar System Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
RD-JUP-PLUME1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-PLUME2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-PLUME2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-RED-SPOT1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-RED-SPOT1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-RED-SPOT1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-RED-SPOT1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-RED-SPOT1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-RED-SPOT1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-RED-SPOT2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-RED-SPOT2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUP-SEB1-FOSA-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-SEB1-FOSA-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-SEB1-FOSB-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-SEB1-FOSB-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-SEB1-FOSC-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1
RD-JUP-SEB1-FOSC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1
RD-JUP-SEB2-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	2		1
RD-JUP-SEB2-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	3		1
RD-JUPITER-15DEGN-CM1-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-15DEGN-CM1-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-15DEGN-CM1-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-15DEGN-CM2-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-20DEGN-CM1-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-20DEGN-CM1-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-20DEGN-CM1-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
RD-JUPITER-20DEGN-CM2-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-25DEGN-CM1-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-25DEGN-CM1-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-25DEGN-CM1-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-25DEGN-CM2-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-25DEGN-LIMB1-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-25DEGN-LIMB1-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-25DEGN-LIMB1-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-25DEGN-LIMB2-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-48DEGN-CM1-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-48DEGN-CM1-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-48DEGN-CM1-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-48DEGN-CM2-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-48DEGN-LIMB1-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-48DEGN-LIMB1-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-48DEGN-LIMB1-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-48DEGN-LIMB2-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-6DEGN-LIMB1-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-6DEGN-LIMB1-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-6DEGN-LIMB1-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-6DEGN-LIMB2-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-HILAT-CM1-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-HILAT-CM1-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-HILAT-CM1-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-HILAT-CM2-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-HILAT-LIMB1-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
RD-JUPITER-HILAT-LIMB1-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-HILAT-LIMB1-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-HILAT-LIMB2-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-PLUME-1A-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-PLUME-1A-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-PLUME-1A-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-PLUME-1B-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-PLUME-2A-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-PLUME-2A-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-PLUME-2A-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-PLUME-2B-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-RED-SPOT1-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-RED-SPOT1-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-RED-SPOT1-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-RED-SPOT2-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-JUPITER-SEB1-FOSA	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-SEB1-FOSB	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-SEB1-FOSC	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	1		1
RD-JUPITER-SEB2-FOS	(S)		FOS/RD	ACCUM	1.0	G190H		1	570	2560	1		1
RD-SAT-12DEGN-CM-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-12DEGN-CM-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-12DEGN-CM-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-12DEGN-CM-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-12DEGS-CM-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-12DEGS-CM-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-12DEGS-CM-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-12DEGS-CM-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-18DEGN-CM-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-18DEGN-CM-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	2		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
RD-SAT-18DEGN-CM-FOS -CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-18DEGS-CM-FOS -CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-18DEGS-CM-FOS -CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-25DEGN-CM-FOS -CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-25DEGN-CM-FOS -CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-25DEGN-CM-FOS -CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-25DEGN-CM-FOS -CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-25DEGS-CM-FOS -CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-25DEGS-CM-FOS -CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-32DEGN-CM-FOS -CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-32DEGN-CM-FOS -CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-32DEGN-CM-FOS -CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-32DEGN-CM-FOS -CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-48DEGN-CM-FOS -CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-48DEGN-CM-FOS -CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-48DEGN-CM-FOS -CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-48DEGN-CM-FOS -CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-59DEGN-CM-FOS -CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-59DEGN-CM-FOS -CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-6DEGN-CM-FOS- CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-6DEGN-CM-FOS- CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-6DEGN-CM-FOS- CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-6DEGN-CM-FOS- CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-6DEGS-CM-FOS- CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-6DEGS-CM-FOS- CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-6DEGS-CM-FOS- CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-6DEGS-CM-FOS- CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
RD-SAT-6DEGS-CM-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-75DEGN-CM-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-75DEGN-CM-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-75DEGN-LIMB-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-75DEGN-LIMB-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-75DEGS-CM-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-75DEGS-CM-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-75DEGS-LIMB-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-75DEGS-LIMB-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-EQUATR-CM-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-EQUATR-CM-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-EQUATR-CM-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-EQUATR-CM-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
RD-SAT-EQUATR-LIMB-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	2		1
RD-SAT-EQUATR-LIMB-FOS-CYCL2	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	2		1
RD-SAT-EQUATR-LIMB-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G190H		1	780	2560	3		1
RD-SAT-EQUATR-LIMB-FOS-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	120	2560	3		1
SATURN	(S)		PC	IMAGE	ANY	F569W	5320	1	0	2625	2		1
SATURN	(S)		HRS	ACCUM	2.0	G140L	1332	5	596	2625	2		1
SATURN	(S)		HRS	ACCUM	2.0	G140L	1593	5	596	2625	2		1
SATURN-PC-CYCL2	(S)		PC	IMAGE	ALL	F284W		1	90	2560	2		2
SATURN-PC-CYCL2	(S)		PC	IMAGE	ALL	F336W		1	10	2560	2		4
SATURN-PC-CYCL2	(S)		PC	IMAGE	ALL	F413M		1	2	2560	2		2
SATURN-PC-CYCL2	(S)		PC	IMAGE	ALL	F631N		1	60	2560	2		2
SATURN-PC-CYCL2	(S)		PC	IMAGE	ALL	F718M		1	0	2560	2		2
SATURN-PC-CYCL2	(S)		PC	IMAGE	ALL	F718M		1	1	2560	2		2
SATURN-PC-CYCL2	(S)		PC	IMAGE	ALL	F889N		1	180	2560	2		2
SATURN-PC-CYCL2	(S)		PC	IMAGE	ALL	F1042M		1	13	2560	2		2
SATURN-PC-CYCL3	(S)		PC	IMAGE	ALL	F284W		1	90	2560	3		2
SATURN-PC-CYCL3	(S)		PC	IMAGE	ALL	F336W		1	10	2560	3		4
SATURN-PC-CYCL3	(S)		PC	IMAGE	ALL	F413M		1	2	2560	3		2
SATURN-PC-CYCL3	(S)		PC	IMAGE	ALL	F631N		1	60	2560	3		2
SATURN-PC-CYCL3	(S)		PC	IMAGE	ALL	F718M		1	0	2560	3		2
SATURN-PC-CYCL3	(S)		PC	IMAGE	ALL	F718M		1	1	2560	3		2
SATURN-PC-CYCL3	(S)		PC	IMAGE	ALL	F889N		1	180	2560	3		2
SATURN-PC-CYCL3	(S)		FOS/RD	ACCUM	1.0	G270H		1	30	2560	3		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SATURN-PC-CYCL3	(S)		PC	IMAGE	ALL	F1042M		1	13	2560	3		2
SATURN-WATER-NORTH	(S)		FOC/96	IMAGE	512X1024	F190M F220W		1	600	2727	1		1
SATURN-WATER-NORTH	(S)		FOC/96	IMAGE	512X1024	F170M F175W		5	1548	2727	1		1
TI-ACQ	(S)		FOS/RD	ACQ/PEAK	1.0	G270H		1	0	2560	2	ACQ	2
TI-ACQ	(S)		FOS/RD	ACQ/PEAK	4.3	G270H		1	0	2560	2	ACQ	1
TI-ACQ	(S)		FOS/RD	ACQ/PEAK	1.0	G270H		1	0	2560	3	ACQ	2
TI-ACQ	(S)		FOS/RD	ACQ/PEAK	4.3	G270H		1	0	2560	3	ACQ	1
TI-ACQ	(S)		FOS/BL	ACQ/PEAK	1.0	G190H		1	1	2560	2	ACQ	2
TI-ACQ	(S)		FOS/BL	ACQ/PEAK	4.3	G190H		1	1	2560	2	ACQ	1
TI-ACQ	(S)		FOS/BL	ACQ/PEAK	0.5	G190H		1	1	2560	3	ACQ	1
TI-ACQ	(S)		FOS/BL	ACQ/PEAK	1.0	G190H		1	1	2560	3	ACQ	1
TI-ACQ	(S)		FOS/BL	ACQ/PEAK	4.3	G190H		1	1	2560	3	ACQ	1
TITAN	(S)		PC	IMAGE	P8	F284W		1	600	2562	1		1
TITAN	(S)		PC	IMAGE	P8	F336W		1	100	2562	1		1
TITAN	(S)		PC	IMAGE	P8	F368M		1	50	2562	1		1
TITAN	(S)		PC	IMAGE	P8	F588N		1	60	2562	1		1
TITAN	(S)		PC	IMAGE	P8	F631N		1	50	2562	1		1
TITAN	(S)		PC	IMAGE	P8	F889N		1	100	2562	1		1
TITAN	(S)		PC	IMAGE	P8	F439W		1	23	2562	1		1
TITAN	(S)		PC	IMAGE	P8	F517N		1	35	2562	1		1
TITAN	(S)		PC	IMAGE	P8	F673N		1	26	2562	1		1
TITAN	(S)		PC	IMAGE	P8	F1042M		1	60	2562	1		1
VENUS	(S)		HRS	ACCUM	2.0	ECH-A	1215	5	600	2393	1		1
WIRTANEN	(S)		WFC	IMAGE	ALL	F791W		1	40	2856	1		6
WIRTANEN	(S)		FOS/BL	ACQ/FIRM	4.3	MIRROR		1	200	2856	1	ACQ	6
WIRTANEN	(S)		FOS/BL	ACCUM	1.0-PAIR	G270H	2769	1	960	2856	1		6

4.7 GENERIC-TARGET OBSERVATIONS FOR GO PROGRAMS

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
COMET-BRIGHT	(G)		WFC	IMAGE	ALL	F791W		1	1	2483	1	ACQ	1
COMET-BRIGHT	(G)		FOS/BL	ACQ/FIRM	4.3	MIRROR		1	5	2483	1	ACQ	15
COMET-BRIGHT	(G)		FOS/RD	ACQ/FIRM	4.3	MIRROR		1	1	2483	1	ACQ	4
COMET-BRIGHT	(G)		FOS/BL	ACCUM	1.0-PAIR	G130H	1379	1	720	2483	1		2
COMET-BRIGHT	(G)		FOS/BL	ACCUM	1.0-PAIR	G130H	1379	1	960	2483	1		3
COMET-BRIGHT	(G)		FOS/BL	ACCUM	1.0-PAIR	G190H	1944	1	720	2483	1		2
COMET-BRIGHT	(G)		FOS/BL	ACCUM	1.0-PAIR	G190H	1944	1	960	2483	1		3
COMET-BRIGHT	(G)		FOS/BL	ACCUM	1.0-PAIR	G270H	2769	1	120	2483	1		6
COMET-BRIGHT	(G)		FOS/BL	ACCUM	1.0-PAIR	G270H	2769	1	720	2483	1		2
COMET-BRIGHT	(G)		FOS/BL	ACCUM	1.0-PAIR	G270H	2769	1	960	2483	1		3
COMET-BRIGHT	(G)		FOS/RD	ACCUM	1.0-PAIR	G270H	2753	1	120	2483	1		2
COMET-BRIGHT	(G)		FOS/RD	ACCUM	1.0-PAIR	G400H	4013	1	720	2483	1		1
COMET-BRIGHT	(G)		FOS/RD	ACCUM	1.0-PAIR	G400H	4013	1	960	2483	1		1
COMET-BRIGHT	(G)		FOS/RD	ACCUM	1.0-PAIR	G570H	5691	1	720	2483	1		1
COMET-BRIGHT	(G)		FOS/RD	ACCUM	1.0-PAIR	G570H	5691	1	960	2483	1		1
COMET-TBD	(G)		WFC	IMAGE	ALL	F791W		1	1	2442	1		8
COMET-TBD	(G)		WFC	IMAGE	ALL	F791W		1	1	2442	1	ACQ	1
COMET-TBD	(G)		WFC	IMAGE	ALL	F791W		1	1	2657	1		3
COMET-TBD	(G)		WFC	IMAGE	ALL	F791W		1	1	2657	1	ACQ	1
COMET-TBD	(G)		HRS	ACCUM	2.0	G160M	1550	1	1800	2442	1		1
COMET-TBD	(G)		HRS	ACCUM	2.0	ECH-B	2830	1	2100	2657	1		1
COMET-TBD	(G)		HRS	ACCUM	2.0	G140L	1545	1	1800	2442	1		1
COMET-TBD	(G)		HRS	ACCUM	2.0	G160M	1495	1	1800	2442	1		1
COMET-TBD	(G)		HRS	ACCUM	2.0	G160M	1595	1	1800	2442	1		1
COMET-TBD	(G)		HRS	ACCUM	2.0	G270M	2905	1	1500	2442	1		2
COMET-TBD	(G)		HRS	ACCUM	2.0	G270M	3095	1	480	2657	1		1
COMET-TBD	(G)		HRS	ACCUM	2.0	G270M	2842	1	1500	2442	1		2
COMET-TBD	(G)		HRS	ACCUM	2.0	G270M	2578	1	1920	2657	1		1
COMET-TBD	(G)		HRS	ACCUM	0.25	G270M	2578	1	3000	2657	1		1
COMET-TBD	(G)		FOS/RD	ACQ/FIRM	4.3	MIRROR		1	1	2657	1	ACQ	1
COMET-TBD-10000KM-OF FNUC	(G)		WFC	IMAGE	ALL	F791W		1	1	2442	1		3
COMET-TBD-10000KM-OF FNUC	(G)		HRS	ACCUM	2.0	G160M	1550	1	1500	2442	1		1
COMET-TBD-10000KM-OF FNUC	(G)		HRS	ACCUM	2.0	G140L	1545	1	900	2442	1		1
COMET-TBD-10000KM-OF FNUC	(G)		HRS	ACCUM	2.0	G160M	1495	1	1500	2442	1		1
COMET-TBD-2ARCSEC	(G)		HRS	ACCUM	2.0	G270M	3095	1	600	2657	1		1
COMET-TBD-2ARCSEC-OF FNUC	(G)		WFC	IMAGE	ALL	F791W		1	1	2442	1		1
COMET-TBD-2ARCSEC-OF FNUC	(G)		HRS	ACCUM	2.0	G270M	2842	1	1500	2442	1		1
COMET-TBD-4ARCSEC	(G)		WFC	IMAGE	ALL	F791W		1	1	2657	1		1
COMET-TBD-4ARCSEC	(G)		HRS	ACCUM	2.0	G270M	3095	1	900	2657	1		1
ISM	(G)		HRS	ACCUM	2.0	ECH-A	1217	125	80	2603	1		1
ISM	(G)		HRS	ACCUM	0.25	ECH-A	1217	112	600	2603	1		1
MOVING-OBJ	(G)		PC	IMAGE	ALL	F702W		1	100	2432	1		1
MOVING-OBJ	(G)		PC	IMAGE	ALL	F439W		1	1200	2432	1		1
MOVING-OBJ	(G)		PC	IMAGE	ALL	F555W		1	150	2432	1		1
MOVING-OBJ	(G)		WFC	IMAGE	ALL	F555W		1	2400	2432	1		2
NOVA-FIELD-1	(G)		WFC	IMAGE	ALL	F284W		1	1800	2797	1		1

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
NOVA-FIELD-2	(G)		WFC	IMAGE	ALL	F284W		1	1800	2797	1		1
NOVA-FIELD-2	(G)		WFC	IMAGE	ALL	F284W		1	1932	2797	1		1
SN1990	(G)		PC	IMAGE	P8	F439W		1	300	2563	1		1
SN1990	(G)		PC	IMAGE	P8	F439W		1	600	2563	1		2
SN1990	(G)		PC	IMAGE	P8	F555W		1	300	2563	1		2
SN1990	(G)		PC	IMAGE	P8	F555W		1	600	2563	1		4
SN1990	(G)		PC	IMAGE	P8	F648M		1	300	2563	1		1
SN1990	(G)		PC	IMAGE	P8	F648M		1	600	2563	1		2
SN1990	(G)		PC	IMAGE	P8	F702W		1	300	2563	1		1
SN1990	(G)		PC	IMAGE	P8	F702W		1	600	2563	1		2
SN1990	(G)		PC	IMAGE	P8	F439W		1	600	2563	2		3
SN1990	(G)		PC	IMAGE	P8	F555W		1	600	2563	2		6
SN1990	(G)		PC	IMAGE	P8	F648M		1	600	2563	2		3
SN1990	(G)		PC	IMAGE	P8	F702W		1	600	2563	2		3
SN1990	(G)		PC	IMAGE	P8	F785LP		1	300	2563	1		1
SN1990	(G)		PC	IMAGE	P8	F785LP		1	600	2563	1		2
SN1990	(G)		PC	IMAGE	P8	F785LP		1	600	2563	2		3
SN1990	(G)		FOS/RD	ACCUM	0.5	G160L	2076	1	3000	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G270H	2769	1	3000	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G400H	4040	1	1000	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G400H	4040	1	2000	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G570H	5691	1	1000	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G570H	5691	1	2000	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G780H	7756	1	1000	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G780H	7756	1	2000	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G160L	2076	1	3000	2563	2		2
SN1990	(G)		FOS/RD	ACCUM	0.5	G270H	2769	1	3000	2563	2		2
SN1990	(G)		FOS/RD	ACCUM	0.5	G400H	4040	1	2000	2563	2		2
SN1990	(G)		FOS/RD	ACCUM	0.5	G570H	5691	1	2000	2563	2		2
SN1990	(G)		FOS/RD	ACCUM	0.5	G780H	7756	1	2000	2563	2		2
SN1990	(G)		FOS/RD	ACCUM	0.5	G160L	2076	1	1500	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G160L	2076	1	2100	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G270H	2769	1	1500	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G270H	2769	1	2100	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G400H	4040	1	1400	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G570H	5691	1	1400	2563	1		1
SN1990	(G)		FOS/RD	ACCUM	0.5	G780H	7756	1	1400	2563	1		1
SN1991	(G)		PC	IMAGE	ANY	F439W		1	500	2563	2		2
SN1991	(G)		PC	IMAGE	ANY	F555W		1	500	2563	2		2
SN1991	(G)		PC	IMAGE	ANY	F648M		1	1000	2563	2		2
SN1991	(G)		PC	IMAGE	ANY	F702W		1	500	2563	2		2
SN1991	(G)		PC	IMAGE	ANY	F439W		1	500	2563	3		2
SN1991	(G)		PC	IMAGE	ANY	F555W		1	500	2563	3		2
SN1991	(G)		PC	IMAGE	ANY	F648M		1	1000	2563	3		2
SN1991	(G)		PC	IMAGE	ANY	F702W		1	500	2563	3		2
SN1991	(G)		PC	IMAGE	ANY	F785LP		1	500	2563	2		2
SN1991	(G)		PC	IMAGE	ANY	F785LP		1	500	2563	3		2
SN1991	(G)		WFC	IMAGE	ANY	F439W		1	2	2563	2		1
SN1991	(G)		HRS	ACCUM	0.25	G140M	1400	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G200M	1800	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G270M	2060	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G270M	2800	1	1000	2563	2		2

Generic Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SN1991	(G)		HRS	ACCUM	0.25	G140M	1215	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G140M	1235	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G140M	1255	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G160M	1335	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G140M	1277	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G160M	1303	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G160M	1528	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G160M	1668	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G200M	1858	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G270M	2378	1	1000	2563	2		2
SN1991	(G)		HRS	ACCUM	0.25	G270M	2848	1	1000	2563	2		2
SN1991	(G)		FOS/RD	ACCUM	1.0	PRISM	5400	1	300	2563	2		1
SN1991	(G)		FOS/RD	ACCUM	1.0	PRISM	5400	1	500	2563	2		2
SN1991	(G)		FOS/RD	ACCUM	1.0	PRISM	5400	1	600	2563	2		3
SN1991	(G)		FOS/RD	ACCUM	1.0	PRISM	5400	1	1000	2563	2		3
SN1991	(G)		FOS/RD	ACCUM	1.0	PRISM	5400	1	1250	2563	2		1
SN1991	(G)		FOS/RD	ACCUM	1.0	PRISM	5400	1	1500	2563	3		2
SN1991	(G)		FOS/BL	ACCUM	1.0	G130H	1379	1	1000	2563	2		1
SN1991	(G)		FOS/BL	ACCUM	1.0	G130H	1379	1	2000	2563	2		3
SN1991	(G)		FOS/RD	ACCUM	1.0	G160L	2076	1	1000	2563	2		2
SN1991	(G)		FOS/RD	ACCUM	1.0	G160L	2076	1	2000	2563	2		3
SN1991	(G)		FOS/RD	ACCUM	1.0	G190H	1980	1	1000	2563	2		1
SN1991	(G)		FOS/RD	ACCUM	1.0	G190H	1980	1	2000	2563	2		3
SN1991	(G)		FOS/RD	ACCUM	1.0	G270H	2753	1	500	2563	2		1
SN1991	(G)		FOS/RD	ACCUM	1.0	G270H	2753	1	1000	2563	2		3
SN1991	(G)		FOS/RD	ACCUM	1.0	G270H	2753	1	3000	2563	2		3
SN1991	(G)		FOS/RD	ACCUM	1.0	G400H	4013	1	300	2563	2		1
SN1991	(G)		FOS/RD	ACCUM	1.0	G400H	4013	1	600	2563	2		3
SN1991	(G)		FOS/RD	ACCUM	1.0	G570H	5691	1	300	2563	2		1
SN1991	(G)		FOS/RD	ACCUM	1.0	G570H	5691	1	600	2563	2		3
SN1991	(G)		FOS/RD	ACCUM	1.0	G160L	2076	1	3000	2563	3		2
SN1991	(G)		FOS/RD	ACCUM	1.0	G160L	2076	1	2500	2563	2		1
SN1991	(G)		FOS/RD	ACCUM	1.0	G270H	2753	1	1500	2563	2		2
SN1991	(G)		FOS/RD	ACCUM	1.0	G270H	2753	1	3750	2563	2		1
SN1991	(G)		FOS/RD	ACCUM	1.0	G400H	4013	1	750	2563	2		2
SN1991	(G)		FOS/RD	ACCUM	1.0	G400H	4013	1	1500	2563	2		3
SN1991	(G)		FOS/RD	ACCUM	1.0	G570H	5691	1	750	2563	2		2
SN1991	(G)		FOS/RD	ACCUM	1.0	G570H	5691	1	1500	2563	2		3
SN1991	(G)		FOS/RD	ACCUM	1.0	G270H	2753	1	4500	2563	3		2
SN1991	(G)		FOS/RD	ACCUM	1.0	G400H	4013	1	2250	2563	3		2
SN1991	(G)		FOS/RD	ACCUM	1.0	G570H	5691	1	2250	2563	3		2
SN1991	(G)		FOS/RD	ACCUM	1.0	G400H	4013	1	1875	2563	2		1
SN1991	(G)		FOS/RD	ACCUM	1.0	G570H	5691	1	1875	2563	2		1
SN1992	(G)		PC	IMAGE	ANY	F439W		1	500	2563	3		1
SN1992	(G)		PC	IMAGE	ANY	F555W		1	500	2563	3		1
SN1992	(G)		PC	IMAGE	ANY	F648M		1	1000	2563	3		1
SN1992	(G)		PC	IMAGE	ANY	F702W		1	500	2563	3		1
SN1992	(G)		PC	IMAGE	ANY	F785LP		1	500	2563	3		1
SN1992	(G)		WFC	IMAGE	ANY	F439W		1	2	2563	3		1
SN1992	(G)		HRS	ACCUM	0.25	G140M	1400	1	1000	2563	3		2
SN1992	(G)		HRS	ACCUM	0.25	G200M	1800	1	1000	2563	3		2
SN1992	(G)		HRS	ACCUM	0.25	G270M	2060	1	1000	2563	3		2

Target	RA(2ØØØ)	Dec(2ØØØ)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
SN1992	(G)		HRS	ACCUM	Ø.25	G27ØM	28ØØ	1	1ØØØ	2563	3		2
SN1992	(G)		HRS	ACCUM	Ø.25	G14ØM	1215	1	1ØØØ	2563	3		2
SN1992	(G)		HRS	ACCUM	Ø.25	G14ØM	1235	1	1ØØØ	2563	3		2
SN1992	(G)		HRS	ACCUM	Ø.25	G14ØM	1255	1	1ØØØ	2563	3		2
SN1992	(G)		HRS	ACCUM	Ø.25	G16ØM	1335	1	1ØØØ	2563	3		2
SN1992	(G)		HRS	ACCUM	Ø.25	G14ØM	1277	1	1ØØØ	2563	3		2
SN1992	(G)		HRS	ACCUM	Ø.25	G16ØM	13Ø3	1	1ØØØ	2563	3		2
SN1992	(G)		HRS	ACCUM	Ø.25	G16ØM	1528	1	1ØØØ	2563	3		2
SN1992	(G)		HRS	ACCUM	Ø.25	G16ØM	1668	1	1ØØØ	2563	3		2
SN1992	(G)		HRS	ACCUM	Ø.25	G2ØØM	1858	1	1ØØØ	2563	3		2
SN1992	(G)		HRS	ACCUM	Ø.25	G27ØM	2378	1	1ØØØ	2563	3		2
SN1992	(G)		HRS	ACCUM	Ø.25	G27ØM	2848	1	1ØØØ	2563	3		2
SN1992	(G)		FOS/RD	ACCUM	1.Ø	PRISM	54ØØ	1	3ØØ	2563	3		1
SN1992	(G)		FOS/RD	ACCUM	1.Ø	PRISM	54ØØ	1	5ØØ	2563	3		2
SN1992	(G)		FOS/RD	ACCUM	1.Ø	PRISM	54ØØ	1	6ØØ	2563	3		3
SN1992	(G)		FOS/RD	ACCUM	1.Ø	PRISM	54ØØ	1	1ØØØ	2563	3		2
SN1992	(G)		FOS/RD	ACCUM	1.Ø	PRISM	54ØØ	1	125Ø	2563	3		1
SN1992	(G)		FOS/BL	ACCUM	1.Ø	G13ØH	1379	1	1ØØØ	2563	3		1
SN1992	(G)		FOS/BL	ACCUM	1.Ø	G13ØH	1379	1	2ØØØ	2563	3		3
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G16ØL	2Ø76	1	1ØØØ	2563	3		2
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G16ØL	2Ø76	1	2ØØØ	2563	3		2
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G19ØH	198Ø	1	1ØØØ	2563	3		1
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G19ØH	198Ø	1	2ØØØ	2563	3		3
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G27ØH	2753	1	5ØØ	2563	3		1
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G27ØH	2753	1	1ØØØ	2563	3		3
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G27ØH	2753	1	3ØØØ	2563	3		2
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G4ØØH	4Ø13	1	3ØØ	2563	3		1
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G4ØØH	4Ø13	1	6ØØ	2563	3		3
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G57ØH	5691	1	3ØØ	2563	3		1
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G57ØH	5691	1	6ØØ	2563	3		3
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G16ØL	2Ø76	1	25ØØ	2563	3		1
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G27ØH	2753	1	15ØØ	2563	3		2
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G27ØH	2753	1	375Ø	2563	3		1
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G4ØØH	4Ø13	1	75Ø	2563	3		2
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G4ØØH	4Ø13	1	15ØØ	2563	3		2
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G57ØH	5691	1	75Ø	2563	3		2
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G57ØH	5691	1	15ØØ	2563	3		2
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G4ØØH	4Ø13	1	1875	2563	3		1
SN1992	(G)		FOS/RD	ACCUM	1.Ø	G57ØH	5691	1	1875	2563	3		1

4.8 PARALLEL-TARGET OBSERVATIONS FOR GO PROGRAMS

Parallel Targets

Target	RA(2000)	Dec(2000)	Inst. Config.	Operating Mode	Aperture	Spectral Element	Central Wave.	No. Exp.	Exp. Time	ID	Cy.	Spec. Req.	Total Lines
G11-FIELD	(G)		PC	IMAGE	ANY	F555W		1	921	2583	1	PAR	1
G11-FIELD	(G)		PC	IMAGE	ANY	F785LP		1	3978	2583	1	PAR	1
G2-FIELD	(G)		PC	IMAGE	ANY	F555W		1	1700	2583	1	PAR	1
G2-FIELD	(G)		PC	IMAGE	ANY	F785LP		1	7340	2583	1	PAR	1
G244-FIELD	(G)		PC	IMAGE	ANY	F555W		1	1700	2583	1	PAR	1
G244-FIELD	(G)		PC	IMAGE	ANY	F785LP		1	7340	2583	1	PAR	1
G305-FIELD	(G)		PC	IMAGE	ANY	F555W		1	1700	2583	1	PAR	1
G305-FIELD	(G)		PC	IMAGE	ANY	F785LP		1	7340	2583	1	PAR	1
G319-FIELD	(G)		PC	IMAGE	ANY	F555W		1	1700	2583	1	PAR	1
G319-FIELD	(G)		PC	IMAGE	ANY	F785LP		1	7340	2583	1	PAR	1
G322-FIELD	(G)		PC	IMAGE	ANY	F555W		1	921	2583	1	PAR	1
G322-FIELD	(G)		PC	IMAGE	ANY	F785LP		1	3978	2583	1	PAR	1
G64-FIELD	(G)		PC	IMAGE	ANY	F555W		1	1700	2583	1	PAR	1
G64-FIELD	(G)		PC	IMAGE	ANY	F785LP		1	7340	2583	1	PAR	1
HI-LAT	(G)		WFC	IMAGE	ALL	F555W		1	1000	2684	1	PAR	6
HI-LAT	(G)		WFC	IMAGE	ALL	G450L		1	2000	2684	1	PAR	6
HI-LAT	(G)		WFC	IMAGE	ALL	G800L		1	2000	2684	1	PAR	6
HI-LAT	(G)		WFC	IMAGE	ALL	F336W		1	2500	2684	1	PAR	27
HI-LAT	(G)		WFC	IMAGE	ALL	F439W		1	2500	2684	1	PAR	34
HI-LAT	(G)		WFC	IMAGE	ALL	F555W		1	1200	2684	1	PAR	105
HI-LAT	(G)		WFC	IMAGE	ALL	F555W		1	2500	2684	1	PAR	69
HI-LAT	(G)		WFC	IMAGE	ALL	G450L		1	1200	2684	1	PAR	5
HI-LAT	(G)		WFC	IMAGE	ALL	G450L		1	2500	2684	1	PAR	3
HI-LAT	(G)		WFC	IMAGE	ALL	G800L		1	1200	2684	1	PAR	15
HI-LAT	(G)		WFC	IMAGE	ALL	G800L		1	2500	2684	1	PAR	3
HI-LAT	(G)		WFC	IMAGE	ALL	F785LP		1	1200	2684	1	PAR	115
HI-LAT	(G)		WFC	IMAGE	ALL	F785LP		1	2500	2684	1	PAR	71
HI-LAT	(G)		FOC/48	IMAGE	512X512	F150W		1	2500	2684	1	PAR	10
HI-LAT	(G)		FOC/48	IMAGE	512X512	F275W		1	1200	2684	1	PAR	10
HI-LAT	(G)		FOC/48	IMAGE	512X512	F275W		1	2500	2684	1	PAR	10
HI-LAT	(G)		FOC/48	IMAGE	512X512	PRISM1		1	2500	2684	1	PAR	5
IO-TORUS-W	(S)		FOS/BL	ACCUM	1.0	G130H	1300	5	330	2627	1	PAR	1
IO-W	(S)		FOS/BL	ACCUM	1.0	G130H	1300	6	270	2627	1	PAR	1
LO-LAT	(G)		PC	IMAGE	ALL	F336W		1	2500	2684	1	PAR	8
LO-LAT	(G)		PC	IMAGE	ALL	F555W		1	1200	2684	1	PAR	20
LO-LAT	(G)		PC	IMAGE	ALL	F555W		1	2500	2684	1	PAR	18
LO-LAT	(G)		PC	IMAGE	ALL	G450L		1	2500	2684	1	PAR	3
LO-LAT	(G)		PC	IMAGE	ALL	F785LP		1	1200	2684	1	PAR	20
LO-LAT	(G)		PC	IMAGE	ALL	F785LP		1	2500	2684	1	PAR	18
NGC4151-POS1	-	-	WFC	IMAGE	ANY	F439W		1	2700	2230	1	PAR	1
NGC4151-POS1	-	-	WFC	IMAGE	ANY	F555W		1	2400	2230	1	PAR	1
NGC4151-POS1	-	-	WFC	IMAGE	ANY	F702W		1	2400	2230	1	PAR	1
NGC4151-POS2	-	-	WFC	IMAGE	ANY	F439W		1	2700	2230	1	PAR	1
NGC4151-POS2	-	-	WFC	IMAGE	ANY	F555W		1	2700	2230	1	PAR	1
NGC4151-POS2	-	-	WFC	IMAGE	ANY	F702W		1	2700	2230	1	PAR	1
NGC4151-POS3	-	-	WFC	IMAGE	ANY	F555W		1	2700	2230	1	PAR	1
NGC4151-POS3	-	-	WFC	IMAGE	ANY	F702W		1	2700	2230	1	PAR	1
NGC4151-POS4	-	-	WFC	IMAGE	ANY	F555W		1	2700	2230	1	PAR	1
NGC4151-POS4	-	-	WFC	IMAGE	ANY	F702W		1	2700	2230	1	PAR	1