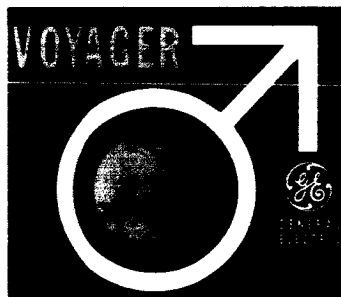
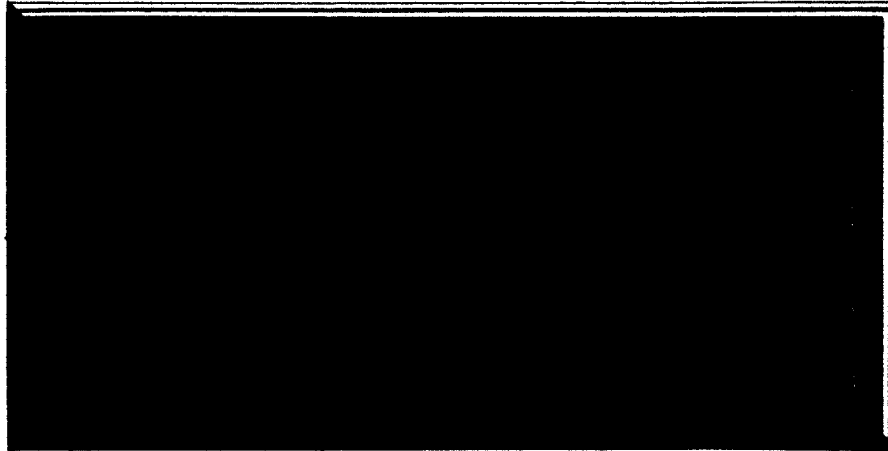


MISSILE AND SPACE
DIVISION



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VOLUME 5
DATA MANAGEMENT STUDY

APPENDIX D
CONTRACTOR DATA PACKAGE
CONFIGURATION MANAGEMENT (CM)

PREPARED BY

A.W. MORRIS

PROJECT CONFIGURATION MANAGEMENT
VOYAGER SPACECRAFT SYSTEM PROJECT

APPROVED BY



A. FRANK, COGNIZANT ENGINEER
DATA MANAGEMENT AND CONTROL TASK
VOYAGER SPACECRAFT SYSTEM PROJECT

PREPARED FOR

JET PROPULSION LABORATORY
CALIFORNIA INSTITUTE OF TECHNOLOGY
4800 OAK GROVE DRIVE
PASADENA, CALIFORNIA

UNDER JPL CONTRACT No. 951112

GENERAL  ELECTRIC
MISSILE AND SPACE DIVISION
Valley Forge Space Technology Center
P. O. Box 8555 • Philadelphia, Penna. 19101

TABLE OF CONTENTS

Section	Page
1 INTRODUCTION.	1-1
2 DATA ITEM LIST/USER MATRIX.	2-1
3 USER FLOW DIAGRAMS	3-1
4 DATA REQUIREMENT DESCRIPTIONS (DRD'S)	4-1
5 DOCUMENTATION RELATIONSHIP TREES	5-1
6 DATA ITEM PHASING/FREQUENCY	6-1

INTRODUCTION

This appendix presents the Contractor Data Package (Date Item Matrix, Data Requirement Descriptions, User Flow Diagram, Document Relationship Tree, and Frequency and Phasing Charts) for Configuration Management (CM).

These data provide for the establishment and maintenance of a uniform system of configuration identification, accounting, and control.

The complete list of Contractor Data Package appendixes is as follows:

- Appendix A - Technical Description and System Engineering (SE)
- Appendix B - Planetary Quarantine (PQ)
- Appendix C - Manufacturing (MG)
- Appendix D - Configuration Management (CM)
- Appendix E - Quality Assurance (QA)
- Appendix F - Test (TE) and Mission Operations (MP)
- Appendix G - Reliability Assurance (RA)
- Appendix H - Logistics and Support (LS)
- Appendix I - Overall Management (MA); Scheduling (SC); and Manning and Financial (MF)
- Appendix J - Procurement and Contracting (PC)
- Appendix K - Data Management (DM)
- *Appendix L - Facilities (FA)
- *Appendix M - Safety (SA)
- *Appendix N - Site Activation for Launch (AL)
- *Appendix O - Science (SI)
- *Appendix P - Related Project Interfaces (RP)
- *Appendix Q - Advanced Missions (AM)

*Appendixes L through Q prepared under Contract NAS7-584

DATA ITEM NUMBER	1 of 5 DATA ITEM <u>CONFIGURATION MANAGEMENT</u>	DESCRIPTION
	<u>DIRECTIVES</u>	
CM-001	Engineering Change Proposal (ECP)	Used to request JPL formal approval of Class accompany each SCN. May combine several
CM-002	Specification Change Notice (SCN)	Used to obtain JPL approval to change specific is filed in the specification.
CM-003	Change Notice	Used to obtain in-house approval of changes to and drawings
	<u>LISTS</u>	
CM-004	Approved Change Proposal (ECP), Contract End Item (CEI)	Used to show those ECP's approved for each item. Is presented by CEI number.
CM-005	Index, Contract End Item Approved Configuration	Used to show those ECP's per each contract Presented by CEI number.
CM-006	Index, Specification Identification	Index of all specifications contained in a system in the system specification.
CM-007	Index, System/Equipment Contract End Item Requirements	Cross-reference index between contract end number to quantities required at various locations
CM-008	List, Approved Changes per Equipment Echelon	Lists all approved changes at and below a required assembly level.
CM-009	List, "As Designed" Parts Usage	Reflects the usage of all parts, as defined by next higher assembly number.
CM-010	List, Hardware Incorporated Changes	Lists changes which have been incorporated at assembly level.
CM-011	List, Indented Breakdown of Parts	Reflects the contents of the item as defined by indented by assembly level.

* KEY INFORMAL DATA

DATA ITEM LIST/USER MATRIX

	APPLICABILITY TO FUNCTIONAL USERS AT CONTRACTOR LEVEL															
	SE	PQ	MG	CM	QA	TE	RA	LS	MA	SC	PC	MF	MP	DM	FA	
I changes. An ECP will internal change notices.	U	U	R	R	R	U	R	U	R	-	R	R	U	-	-	
cations. After approval it	U	U	U	R	R	U	U	-	R	-	R	R	U	-	-	
o specifications	U	U	R	R	R	U	R	U	U	-	-	-	U	-	-	
contract end	U	-	-	A	-	U	U	U	U	U	U	-	-	-	-	
end item.	U	-	-	A	-	U	U	-	-	-	-	-	-	-	-	
m. Is filed	-	-	U	A	U	U	-	-	U	-	-	-	-	-	-	
tem and part tions.	U	-	U	A	U	U	U	U	-	U	-	U	-	-	-	
uested	-	-	U	A	U	U	U	-	-	-	-	-	-	-	-	
engineering, by	-	-	U	A	U	-	R	U	-	-	-	-	-	-	-	
t any requested	U	-	U	A	U	-	R	U	-	-	-	-	-	-	-	
r engineering;	-	-	U	A	U	-	U	U	-	-	-	-	-	-	-	

U - USE

R - REVIEW AUTHORITY

A - APPROVAL AUTHORITY

PM - PROJECT MANAGER APPROVAL

					APPLICABILITY AT SUBCONTRACTOR/VENDOR/SUPPLIER LEVELS							APPLICABILITY TO PROJECT BOARDS											
					PRINCIPAL SUB-CONTRACTORS	MAJOR SUB-CONTRACTORS	KEY SUBCON AND VENDORS	OTHER VENDORS	KEY SUPPLIERS	KEY SUBSUPPLIERS	CONFIGURATION CONTROL	CONFIGURATION MANAGEMENT	DATA REVIEW	DESIGN REVIEW	FAILURE REVIEW	INTEGRATED SAFETY	INTEGRATED TEST	MAKE OR BUY	MATERIAL REVIEW	SOURCE EVALUATION	SOURCE SELECTION		
SA	AL	SI	RP	AM																			
U	U	-	-	-	(S)	(S)	(S)	NA	(S)	NA	R	A	-	-	-	-	-	-	-	-	-	-	-
U	U	-	-	-	C	C	C	(C)	(C)	(C)	R	A	-	-	U	-	U	-	U	-	-	-	-
U	U	-	-	-	S	S	S	(S)	S	S	A	R	-	U	-	-	U	-	U	-	-	-	-
-	U	-	-	-	(C)	(C)	(C)	NA	(C)	NA	-	-	-	-	-	-	U	-	-	-	-	-	-
-	U	-	-	-	(C)	(C)	(C)	NA	(C)	NA	-	-	-	-	-	-	U	-	-	-	-	-	-
-	U	-	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	U	-	-	-	-	-	-
-	U	U	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	-	-	-	-	-	-	-
-	U	-	-	-	S	NA	S	(S)	(S)	(S)	U	U	-	U	-	-	U	-	-	-	-	-	-
-	U	-	-	-	S	S	S	(S)	(S)	(S)	U	U	-	U	-	-	-	-	-	-	-	-	-
-	U	U	-	-	S	S	S	(S)	(S)	(S)	U	U	-	U	-	-	-	-	-	-	-	-	-
-	U	-	-	-	S	S	S	(S)	(S)	(S)	U	U	-	-	U	-	-	-	-	-	-	-	-

DATA ITEM NUMBER	2 of 5 DATA ITEM <u>CONFIGURATION MANAGEMENT</u>	DESCRIPTION
	<u>LISTS</u> (Cont'd)	
CM-012	List, "As Built" Indented Configuration	Reflects the actual contents of the item "as b
CM-013	List, "As Built" Parts Usage	Reflects the actual usage of all parts by next serial number.
CM-014	Index, Drawing	List of drawings indexed by name, number,
CM-015	Index, Specification	List of specifications indexed by name, num
CM-016	List, Deviations and Waivers	Provides a listing of all deviations or waiver equipment ready to be shipped which resulted Board activities.
CM-017	List, Special Test Equipment, Tools, Fixtures, etc.	Provides a listing of and the status of all spe fixtures developed for the production and test
CM-018	List, Specification Status/Release	List of specifications containing their releas revision status.
CM-019	List, Break of Inspection, Per Contract End Item	Documents any actions resulting from remov initial installation has been accepted by inspe contract end item.
	<u>LOGS</u>	
CM-020	Log, Contract End Item Assignment Number	Reflects the number assigned from a project block in order to avoid duplication of assignn
CM-021	Log, Engineering Change Proposal (ECP) Number Sequence Assignment	Used to avoid sequence number duplication, sequence number one (1).
CM-022	Log, Specification Change	Serves as an index for approved specification

* KEY INFORMAL DATA

DATA ITEM LIST/USER MATRIX

	APPLICABILITY TO FUNCTIONAL USERS AT CONTRACTOR LEVEL														
	SE	PQ	MG	CM	QA	TE	RA	LS	MA	SC	PC	MF	MP	DM	FA
uilt" indented by assembly level.	-	-	U	A	R	U	U	U	-	-	-	-	-	-	-
higher assembly number and	-	U	U	A	R	-	R	U	-	-	-	-	-	-	-
assembly, etc.	R	U	U	A	U	U	U	U	U	U	U	-	-	-	-
er, assembly, etc.	R	U	U	A	U	U	U	U	U	U	U	-	U	-	-
included in a piece of from Material Review	U	U	U	R	A	R	R	U	U	-	U	-	-	-	-
ial test equipment, tools, and of Voyager equipment.	U	U	R	R	A	U	U	R	U	U	U	U	U	-	-
issue, approval,	U	U	U	A	U	U	U	-	-	U	-	-	U	-	-
and replacement after tion. A list for each	-	U	U	R	A	U	-	-	-	-	-	-	-	-	-
contract end item number nt.	U	-	-	-	-	U		-	U	-		-	-	-	-
.., each system starts with	-	-	-	-	-	-		-	U	-		-	-	-	-
change notices per specification.	U	-	-	-	-	U		U	U	-		-	-	-	-

U - USE

R - REVIEW AUTHORITY

A - APPROVAL AUTHORITY

PM - PROJECT MANAGER APPROVAL

					APPLICABILITY AT SUBCONTRACTOR/VENDOR/SUPPLIER LEVELS							APPLICABILITY TO PROJECT BOARDS											
					PRINCIPAL SUB-CONTRACTORS	MAJOR SUB-CONTRACTORS	KEY SUBCON AND VENDORS	OTHER VENDORS	KEY SUPPLIERS	KEY SUBSUPPLIERS	CONFIGURATION CONTROL	CONFIGURATION MANAGEMENT	DATA REVIEW	DESIGN REVIEW	FAILURE REVIEW	INTEGRATED SAFETY	INTEGRATED TEST	MAKE OR BUY	MATERIAL REVIEW	SOURCE EVALUATION	SOURCE SELECTION		
SA	AL	SI	RP	AM																			
-	U	U	-	-	S	S	S	S	S	S	U	U	-	U	-	-	U	-	-	-	-		
-	U	-	-	-	S	S	S	(S)	(S)	(S)	U	U	-	U	-	-	U	-	-	-	-		
-	U	-	-	-	S	S	S	(S)	(S)	(S)	U	U	-	U	U	-	U	-	U	-	-		
-	U	U	-	-	S	S	S	(S)	(S)	(S)	U	U	-	-	U	-	U	-	U	-	-		
-	U	U	-	-	S	S	S	(S)	(S)	(S)	U	U	-	-	U	-	U	-	-	-	-		
-	U	U	-	-	S	S	S	S	S	S	U	U	-	-	U	-	U	-	U	-	-		
-	U	U	-	-	(C/S)	(C/S)	(C/S)	NA	(C/S)	(C/S)	U	U	-	-	-	-	-	-	U	-	-		
-	U	-	-	-	S	S	(S)	NA	(S)	NA	U	U	-	-	-	-	U	-	-	-	-		
-	-	-	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	-	-	-	-	-		
-	U	U	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	U	-	-	-	-		

DATA ITEM NUMBER	3 of 5 DATA ITEM <u>CONFIGURATION MANAGEMENT</u>	DESCRIPTION
	<u>LOGS</u> (Cont'd)	
CM-023	Log, Specification Distribution	Required because copies of specification charts, configuration charts, specification change logs are delivered to each specification holder.
CM-024	Log, Specification Identification Number Assignment	A card file, containing specification status, document control center.
	<u>MANUALS</u>	
CM-025	Manual, Configuration Management Procedures	A compilation of all configuration management policies, procedures and instructions.
	<u>PLANS</u>	
CM-026	Plan, Configuration Management	
	<u>PROCEDURES</u>	
CM-027	Procedure, Change Control	Prescribes requirements, practices, procedures and responsibilities to be used in the control of
CM-028	Procedure, Configuration Control (Administrative)	
CM-029	Procedure, Configuration Management Data Processing	Prescribes requirements, procedures, methods and responsibilities related to the release of the data used to identify the configuration.

* KEY INFORMAL DATA

DATA ITEM LIST/USER MATRIX

	APPLICABILITY TO FUNCTIONAL USERS AT CONTRACTOR LEVEL															
	SE	PQ	MG	CM	QA	TE	RA	LS	MA	SC	PC	MF	MP	DM	FA	
ange notices, ogs, etc. , must be	-	-	-	R	-	U	-	-	-	-	-	-	-	A	-	
retained in the	-	-	-	R	-	U	-	U	U	-	-	-	U	A	-	
nt directives,	U	-	U	A	-	U	-	U	U	-	-	U	-	-	-	
	U	-	U	R	-	U	U	U	PM	-	U	U	-	-	-	
tures and changes.	U	-	U	R	-	U	U	-	PM	-	R	-	-	-	-	
	-	-	-	A	-	U	U	-	U	-	-	-	-	-	-	
ods and se documents	U	-	-	A	-	U	-	-	-	-	-	-	-	-	-	

					APPLICABILITY AT SUBCONTRACTOR/VENDOR/SUPPLIER LEVELS						APPLICABILITY TO PROJECT BOARDS											
					PRINCIPAL SUB-CONTRACTORS	MAJOR SUB-CONTRACTORS	KEY SUBCON AND VENDORS	OTHER VENDORS	KEY SUPPLIERS	KEY SUBSUPPLIERS	CONFIGURATION CONTROL	CONFIGURATION MANAGEMENT	DATA REVIEW	DESIGN REVIEW	FAILURE REVIEW	INTEGRATED SAFETY	INTEGRATED TEST	MAKE OR BUY	MATERIAL REVIEW	SOURCE EVALUATION	SOURCE SELECTION	
SA	AL	SI	RP	AM																		
-	-	-	-	-	NA	NA	NA	NA	NA	NA	-	-	-	-	-	U	-	-	-	-	-	
-	U	-	-	-	C/S	C/S	C/S	NA	NA	NA	U	U	-	-	-	-	-	-	-	-	-	
-	U	U	-	-	S	S	(S)	NA	(S)	NA	U	U	-	-	-	-	U	-	-	-	-	
-	U	U	-	-	S	S	(S)	NA	(S)	NA	U	U	-	-	-	-	U	-	-	-	-	
-	U	U	-	-	S	S	S	(S)	C/S	(S)	U	U	-	-	-	-	U	-	-	-	-	
-	-	-	-	-	S	S	(S)	NA	C/S	NA	U	U	-	-	-	-	U	-	-	-	-	
-	-	U	-	-	NA	NA	NA	NA	NA	NA	-	-	U	-	-	-	-	-	-	-	-	

	4 of 5	
DATA ITEM NUMBER	DATA ITEM	DESCRIPTION
	<u>CONFIGURATION MANAGEMENT</u>	
	<u>PROCEDURES</u> (Cont'd)	
CM-030	Procedure, Configuration Management Reviews	
CM-031	Procedure, Engineering Configuration Identification Document Release System	Prescribes requirements, procedures, methods for the release of those documents used to identify
CM-032	Instruction, Change Document Preparation	
CM-033	Instruction, Change Submittal and Approval	
	<u>RECORDS</u>	
CM-034	Chart, Configuration	Identifies the specification change notices that require specification revision.
CM-035	Record, Drawing Approval	
CM-036	Record, Drawing Release and Status	
CM-037	Record, Installation	A list presented by part number to show the serialized items are installed.

* KEY INFORMAL DATA

DATA ITEM LIST/USER MATRIX

	APPLICABILITY TO FUNCTIONAL USERS AT CONTRACTOR LEVEL															
	SE	PQ	MG	CM	QA	TE	RA	LS	MA	SC	PC	MF	MP	DM	FA	
	-	-	-	A	-	-	U	U	-	U	-	-	-	-	-	
ds, and responsibilities related to fy the configuration.	U	-	U	A	-	U	-	-	-	-	-	-	-	R	-	
	-	-	-	A	-	U	U	-	-	-	-	-	-	-	-	
	-	-	-	A	-	U	U	-	R	-	R	-	-	-	-	
t have been incorporated in a	U	-	U	A	U	U	-	-	U	-	U	-	-	-	-	
	-	-	-	A	-	U	-	-	-	-	-	-	-	-	-	
	U	-	U	A	U	U	U	-	-	U	-	-	-	U	-	
serial numbers of items into which	-	-	-	U	A	U	U	-	U	-	-	-	-	-	-	

					APPLICABILITY AT SUBCONTRACTOR/VENDOR/SUPPLIER LEVELS								APPLICABILITY TO PROJECT BOARDS											
SA	AL	SI	RP	AM	PRINCIPAL SUB-CONTRACTORS	MAJOR SUB-CONTRACTORS	KEY SUBCON AND VENDORS	OTHER VENDORS	KEY SUPPLIERS	KEY SUBSUPPLIERS	CONFIGURATION CONTROL	CONFIGURATION MANAGEMENT	DATA REVIEW	DESIGN REVIEW	FAILURE REVIEW	INTEGRATED SAFETY	INTEGRATED TEST	MAKE OR BUY	MATERIAL REVIEW	SOURCE EVALUATION	SOURCE SELECTION			
-	U	U	-	-	S	S	(S)	NA	(C/S)	NA	U	U	-	-	-	-	U	-	-	-	-			
-	U	-	-	-	S	S	(S)	NA	(C/S)	NA	-	-	U	-	-	-	R	-	-	-	-			
-	U	-	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	U	-	-	-	-			
-	U	-	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	U	-	-	-	-			
-	U	-	-	-	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	U	-	-	-	-			
-	-	-	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	-	-	-	-	-			
-	U	-	-	-	S	S	S	NA	(S)	(S)	U	U	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	S	S	S	NA	(S)	(S)	U	U	-	-	-	-	U	-	-	-	-			

C - PREPARED BY CONTRACTOR

S - PREPARED BY SUBCONTRACTOR/VENDOR/SUPPLIER

() - OPTIONAL APPLICATION

NA - NOT APPLICABLE

2-8-2

~~2-8-2~~

DATA ITEM NUMBER	5 of 5 DATA ITEM <u>CONFIGURATION MANAGEMENT</u>	DESCRIPTION
	<u>REPORTS</u>	
CM-038	Report, Change Approved/ Change Held	A daily report of Configuration Control Board on a daily and weekly basis.
CM-039	Report, Configuration Management Activity	A monthly report to the customer on configuration activities.
CM-040	Report, Configuration Management Audit	Audit of conformance to procedures.
CM-041	Report, Contract Document Status	Provides visibility and status of the contract needed to implement engineering change projects.
CM-042	Report, Hardware Status	Used to report completed hardware status and disposition.
CM-043	Report, Spares Status (Contract End Item)	Used to monitor the incorporation of approved contract end item spares.
CM-044	Report, Updating/Modification Status	Reports the actual incorporation of approved hardware.
	<u>REQUESTS</u>	
CM-045	Request, Design Change	A request by any project organization to engineer a design change.

* KEY INFORMAL DATA

DATA ITEM LIST/USER MATRIX

	APPLICABILITY TO FUNCTIONAL USERS AT CONTRACTOR LEVEL															
	SE	PQ	MG	CM	QA	TE	RA	LS	MA	SC	PC	MF	MP	DM	FA	
d (CCB) transactions	U	-	-	A	-	U	-	-	U	U	-	-	-	-	-	
ration management	U	-	-	A	-	U	-	-	U	-	U	-	-	-	-	
	U	-	-	A	U	-	-	-	-	-	U	-	-	-	-	
ual documentation posals (ECP's).	-	-	-	A	-	-	-	-	U	-	U	R	-	-	-	
: change effectivity	U	-	A	R	U	U	U	U	U	U	U	-	-	-	U	
d ECP's into	-	-	A	R	-	U	-	U	U	U	U	-	-	-	-	
ECP's into hard-	U	-	R	A	-	U	-	U	U	-	U	-	-	-	U	
neering to make	U	U	R	R	R	U	R	U	R	R	-	-	-	-	U	

					APPLICABILITY AT SUBCONTRACTOR/VENDOR/SUPPLIER LEVELS						APPLICABILITY TO PROJECT BOARDS											
					PRINCIPAL SUB-CONTRACTORS	MAJOR SUB-CONTRACTORS	KEY SUBCON AND VENDORS	OTHER VENDORS	KEY SUPPLIERS	KEY SUBSUPPLIERS	CONFIGURATION CONTROL	CONFIGURATION MANAGEMENT	DATA REVIEW	DESIGN REVIEW	FAILURE REVIEW	INTEGRATED SAFETY	INTEGRATED TEST	MAKE OR BUY	MATERIAL REVIEW	SOURCE EVALUATION	SOURCE SELECTION	
SA	AL	SI	RP	AM																		
-	U	-	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	U	-	-	-	-	
-	-	-	-	-	S	S	(S)	NA	NA	NA	-	-	-	-	-	-	U	-	-	-	-	
-	U	-	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	U	-	-	-	-	
-	U	-	-	-	(C)	(C)	(C)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	S	S	S	NA	(S)	NA	U	U	-	-	-	-	U	-	-	-	-	
-	U	-	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	U	-	-	-	-	
-	U	-	-	-	NA	NA	NA	NA	NA	NA	U	U	-	-	-	-	U	-	-	-	-	
U	-	-	U	-	NA	NA	NA	NA	NA	NA	A	U	-	-	-	-	U	-	-	-	-	

Configuration Management (CM) data items
have been included in the Engineering User
Flow Diagrams. See Appendix A, Section 3.

Configuration Management Data Requirement Descriptions

<u>DRD Number</u>	<u>Title</u>
CM-001	Engineering Change Proposal (ECP)
CM-002	Specification Change Notice (SCN)
CM-003	Change Notice
CM-004	Approved Change Proposal (ECP), Contract End Item (CEI)
CM-005	Index, Contract End Item Approved Configuration
CM-006	Index, Specification Identification
CM-007	Index, System/Equipment Contract End Item Requirements
CM-008	List, Approved Changes per Equipment Echelon
CM-009	List, 'As Designed' Parts Usage
CM-010	List, Hardware Incorporated Changes
CM-011	List, Identified Breakdown of Parts
CM-012	List, 'As Built' Indented Configuration
CM-013	List, 'As Built' Parts Usage
CM-014	Index, Drawing
CM-015	Index, Specification
CM-016	List, Deviations and Waivers
CM-017	List, Special Test Equipment, Tools, Fixtures, etc.
CM-018	List, Specification Status/Release
CM-019	List, Break of Inspection, per Contract End Item
CM-020	Log, Contract End Item Assignment Number
CM-021	Log, Engineering Change Proposal (ECP) Number Sequence Assignment
CM-022	Log, Specification Change
CM-023	Log, Specification Distribution
CM-024	Log, Specification Identification Number Assignment

CM-025	Manual, Configuration Management Procedures
CM-026	Plan, Configuration Management
CM-027	Procedure, Change Control
CM-028	Procedure, Configuration Control (Administrative)
CM-029	Procedure, Configuration Management Data Processing
CM-030	Procedure, Configuration Management Reviews
CM-031	Procedure, Engineering Configuration Identification Document Release System
CM-032	Instruction, Change Document Preparation
CM-033	Instruction, Change Submittal and Approval
CM-034	Chart, Configuration
CM-035	Record, Drawing Approval
CM-036	Record, Drawing Release and Status
CM-037	Record, Installation
CM-038	Report, Change Approved/Change Held
CM-039	Report, Configuration Management Activity
CM-040	Report, Configuration Management Audit
CM-041	Report, Contract Document Status
CM-042	Report, Hardware Status
CM-043	Report, Spares Status (Contract End Item)
CM-044	Report, Updating/Modification Status
CM-045	Request, Design Change

GE EXHIBIT DRD CM-001

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-001
TITLE OF DOCUMENT: ENGINEERING CHANGE PROPOSAL (ECP)				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☒ ACTION ☐ REFERENCE ☐ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: To be determined	
USE OF DOCUMENT: Used for formal submission (to JPL) of Proposed Changes to Mission/System Reqmts., provides Ident. of Reqmts., Accomplishment of Change and support of CEI, Determination of Incorporation Action, Maint. of Config. Control, provides Background for Analysis.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-002, Specification Change Notice (SCN) MP-003, Specification, Mission Dependent Equipment (MDE) SE-010 and SE-011, Specification Contract End Items TE-031, Specification, Special Test Equipment (STE) (System and Subsystem)				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED As needed		PUBLICATION DATE: HDR	
						UPDATE (FREQUENCY OR MILESTONE): N/A	
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED ☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN ☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN						ESTIMATED EXPIRATION DATE:	
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☒ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX ☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ STANDARD ☐ VOUCHER				REFERENCE DOCUMENTS: CM 001 BB 001-1B Exhibits VII, VIII, IX, X, XII, Configuration Management Manual. Air Force Bulletin ANA 445			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY		BY	
SUBMIT FOR APPROVAL TO:		BY		BY		BY	
Chairman, Configuration Management Board							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-001

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING ODL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Contents per ANA 445 as modified by Configuration Management Manual and Change Document Preparation, Submittal and Approval Procedures.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-002

VOYAGER DATA REQUIREMENT DESCRIPTION					DRD APPROVED BY:		DATE:		DATA CATEGORY:								
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:		CODE:	DRD PREPARED BY:		DATE:		CONTRACT NO.:	DRD NO.:						
		CM				A. W. Morris		7/28/67			CM-002						
TITLE OF DOCUMENT: SPECIFICATION CHANGE NOTICE (SCN)						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:		DRD ITEM NO.:							
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:							
						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:							
TYPE OF DOCUMENT: ☐ CONTROL ☒ ACTION ☐ REFERENCE ☐ INFORMATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: As required by spec. dist.									
USE OF DOCUMENT: Used to describe changes to specification contents						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:									
						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:									
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001, Engineering Change Proposal (ECP); CM-003, Change Notice; MP-003, Specification, Mission Dependent Equipment (MDE) PQ-012, Specification, Bio-Assay Test Requirements TE-031, Specification, Special Test Equipment (STE) (System and Subsystem)						FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED As needed		PUBLICATION DATE: HDR UPDATE (FREQUENCY OR MILESTONE): Not applicable ESTIMATED EXPIRATION DATE:									
						CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED						☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN			
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER _____						KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☒ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX						REFERENCE DOCUMENTS: CM 001 BB 001-1B Exhibits VII, X, XII. Configuration Management Manual					
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)																	
DRAFT				DATE				PREPUBLICATION PROOF				DATE					
SUBMIT FOR REVIEW TO: _____																	
_____				BY _____				_____				BY _____					
_____				_____				_____				_____					
_____				_____				_____				_____					
_____				_____				_____				_____					
SUBMIT FOR APPROVAL TO: _____																	
_____				BY _____				_____				BY _____					
Chairman, Configuration Management Board																	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
002

1. Sequence numbers assigned by contractor responsible for specification.
2. Format to be same as or equal to sample format "A"CM 001 BB 001-1B Exhibit X.
3. Terms shall be directive, ie: add, delete, change from _____ to _____.
4. Prepared on reproducible material, i.e., multilith, ditto, etc.
5. An SCN page shall be prepared for each page of the specification for which change is requested/required.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

1. Approved SCN to be distributed to each holder of specification.

OUTLINE OF CONTENTS:

1. SCN number composed as follows:
Sequence number — specification sheet number being changed - alpha suffix
(Denoting 2 SCN Sheets for one specification sheet)
2. Issue and superseding date (in the event of rewrite)
3. Related ECP number
4. Type, Model, Series, number for which specification is written.
5. Specification number for which written.
6. Contract number.
7. Contractural approval (CCN, etc.)
8. Specification page number opposite which to file SCN page.
9. Change effectivity (serial number, date, etc.)
10. Change description.
11. Contractor name and FSCM.
12. Other specifications affected.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-003

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:			
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: CM	OFFICE RESPONSIBLE FOR DRD:		CODE:	DRD PREPARED BY: A. W. Morris		DATE: 7/28/67		CONTRACT NO.:	DRD NO.: CM-003
TITLE OF DOCUMENT: CHANGE NOTICE						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: System Engineering		TASK OR SUBTASK:		DRL ITEM NO.:	
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:	
						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:	
TYPE OF DOCUMENT: ☐ CONTROL ☒ ACTION ☐ REFERENCE ☐ INFORMATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 30 - 50			
USE OF DOCUMENT: To define and authorize changes to issued drawings and hardware.						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:			
						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:			
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001, Engineering Change Proposal (ECP); CM-002, Specification Change Notice (SCN); CM-032, Instruction, Change Document Preparation; CM-033, Instruction, Change Submittal and Approval; CM-045, Request, Design Change; RA-014, Standard, Rework						FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED As needed		PUBLICATION DATE: PDR			
								UPDATE (FREQUENCY OR MILESTONE): Not applicable			
								ESTIMATED EXPIRATION DATE:			
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED						☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORM			
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER						KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☒ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX					
						☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER					
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)						REFERENCE DOCUMENTS: None					
						APPLICABLE STANDARDS:					
SUBMIT FOR REVIEW TO: _____ BY _____ DATE _____ PREPUBLICATION PROOF _____ DATE _____											
SUBMIT FOR APPROVAL TO: _____ BY _____ DATE _____											
Chairman, Configuration Control Board											

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
003

1. Contractor, subcontractor, supplier, vendor formats are acceptable if containing at least the specified contents.
2. Local numbering systems are acceptable.
3. Prepared on reproducible material, i.e., multilith, ditto, etc.
4. A continuation sheet may be used if required.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Company name and FSCM
2. Initiator name
3. Change notice number
4. Next higher assembly number
5. End item number
6. Related ECP number and SCN number
7. Drawing or specification title and number for which change notice is written
8. Nature of the change being described
9. Reason for the change
10. Complete description of the change
11. Disposition of material affected by change (i.e., rework, scrap, retrofit, return to stock, requalify, retest, etc.) versus various material status (i.e., in process, in stock, completed, installed, in test, in quality, in field, etc.)
12. Effectivity of change (i.e., serial number, model number)
13. Class of change (i.e., I or II) and type
14. What change effects (i.e., specifications, performance, safety, interchangeability, cost, delivery, EMI, retrofit, etc.)
15. Approval signatures and date.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

CONTRACT NUMBER		(CONTRACTOR'S NAME) (FSCM)				SECURITY CLASS	
INITIATOR'S NAME		CHANGE NOTICE				CHANGE NOTICE NO.	
TITLE			DOCUMENT NO.	SHEET NOS.	PT. NO.	SHEET OF	
NATURE OF CHANGE					REV.	NEXT HIGHER ASSY NO.	
					CEI NUMBER		
					RELATED ECP NUMBER		
					RELATED SCN NUMBER		
REASON FOR CHANGE							
REPRESENTATIVE FORMAT AND CONTENT							
DESCRIPTION OF CHANGE							
EFFECTIVE SERIAL NUMBER, MODEL NO.					CLASS OF CHANGE		TYPE OF CHANGE
DISPOSITION OF MATERIAL			CHANGE AFFECTS			APPROVALS AND DATE	
DISP.	MTL. CONDITION						WRITTEN BY
	IN PROC IN STOCK COMPLETE INSTALLED IN TEST CERTIFIED IN FIELD	SPEC	INTCHG	RETRO			
		PERF.	COST	MAG CL			
		SAFETY	SCHED.	PQ	CHECKED BY		
		EMI	SPARES	RFM	ENG.		
		WT.	PWR.	NONE	QA		
		OTHER ORG. FUNCTIONS AFFECTED			MFG.		
OTHER CEI, SPECS. AFFECTED			REL.				
REWORK					PQ		
SCRAP					OTHER		
RETROFIT					CCB		
RETURN TO STOCK					CUSTOMER		
RECERTIFY							
RETEST (QA)							
SECURITY CLASS.							

(CONTRACTOR'S NAME) (FSCM)

CHANGE NOTICE

DOCUMENT NO.	SHEET NOS.	PT. NO.	SECURITY CLASS	CHANGE NOTICE NO.	SHT. OF
DESCRIPTION OF CHANGE (CONT.)					
REPRESENTATIVE FORMAT AND CONTENT OF CHANGE NOTICE CONTINUATION SHEET					
			ENGINEER	SHT.	OF
			SECURITY CLASS	CHANGE NOTICE NO.	

GE EXHIBIT DRD CM-004

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:	CONTRACT NO.:	DRD NO.:
	CM			A. W. Morris	7/28/67		CM-004
TITLE OF DOCUMENT: APPROVED CHANGE PROPOSAL (ECP) CONTRACT END ITEM (CEI)				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:
				Configuration Management			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
USE OF DOCUMENT: Used to provide visibility of approved ECP's versus subject CEI numbers				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: To be determined	
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: None				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE:		PUBLICATION DATE:	
CLASSIFICATION: ☐ SECRET ☐ GROUP 1 ☐ SPECIAL HANDLING ☐ CONFIDENTIAL ☐ GROUP 2 ☐ NASA DISCREET ☐ SECRET RESTRICTED DATA ☐ GROUP 3 ☐ JPL DISCREET ☐ CONFIDENTIAL RESTRICTED DATA ☐ GROUP 4 ☐ PROJECT DISCREET ☒ UNCLASSIFIED ☐ PROPRIETARY ☐ NOFORN ☐ PUBLIC DOMAIN				☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☒ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		UPDATE (FREQUENCY OR MILESTONE): Monthly	
						ESTIMATED EXPIRATION DATE:	
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☒ INDEX ☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER				REFERENCE DOCUMENTS: Configuration Management Manual, CM 001 BB 001-1B, Exhibit XV.			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY		BY	
SUBMIT FOR APPROVAL TO:		BY		BY		BY	
Manager, Configuration Management							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:
CM-004

SPECIAL INSTRUCTIONS:

1. Prepared in ECP number sequence

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Each line item to contain ECP number and subject contract end item number
2. Index issue date
3. Issuing contractor's name

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-005

VOYAGER DATA REQUIREMENT DESCRIPTION						DRD APPROVED BY:		DATE:		DATA CATEGORY:							
ORGANIZATION ORIGINATING REQUIREMENT: Exh. Sys. Contr.		CODE:	OFFICE RESPONSIBLE FOR DRD: P.I. & C.		CODE: CM	DRD PREPARED BY: A.W. Morris		DATE: 7/28/67		CONTRACT NO.:	DRD NO.: CM-005						
TITLE OF DOCUMENT: INDEX, CONTRACT END ITEM APPROVED CONFIGURATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:		DRL ITEM NO.:							
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:							
						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:							
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: To be determined									
USE OF DOCUMENT: Provides visibility of CEI's versus approved ECP's per contractor						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:									
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: None						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:									
						FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☒ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: PDR									
								UPDATE (FREQUENCY OR MILESTONE): Monthly									
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED						☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN		ESTIMATED EXPIRATION DATE:							
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER _____						KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☒ INDEX ☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER						REFERENCE DOCUMENTS: CM 001 BB 001-1B, Exhibit XV, Figure 1 Configuration Management Manual					
						APPLICABLE STANDARDS:											
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)																	
DRAFT				DATE		PREPUBLICATION PROOF				DATE							
SUBMIT FOR REVIEW TO: _____				_____		_____				_____							
_____				BY _____		_____				BY _____							
_____				_____		_____				_____							
_____				_____		_____				_____							
SUBMIT FOR APPROVAL TO: _____				BY _____		_____				BY _____							
_____				Manager, Configuration Management		_____				_____							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
005

1. Prepare an index for each contract end item.
2. File indexes in contract end item number sequence.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Name contract end item
2. Specification number of contract end item
3. Contract end item number
4. Part number
5. Type/model/series number to which contract end item is applicable
6. Using organization code and quantities required for each organization
7. Each line item to contain:
 - a. ECP number
 - b. ECP title
 - c. ECP type
 - d. Serial number (contract end item) effectivity
 - e. Estimated hours to accomplish modification
 - f. Estimated hours "down time" for modification
 - g. Can modification be made with "power on"?
 - h. Are spares affected?
 - i. Are technical publications affected?
8. Index issue date
9. Name and FSCM of contractor issuing index

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-006

VOYAGER DATA REQUIREMENT DESCRIPTION						DRD APPROVED BY:		DATE:		DATA CATEGORY:							
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: CM		OFFICE RESPONSIBLE FOR DRD:		CODE:		DRD PREPARED BY: A. W. Morris		DATE: 7/28/67		CONTRACT NO.:		DRD NO.: CM-006			
TITLE OF DOCUMENT: INDEX, SPECIFICATION IDENTIFICATION									ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management			TASK OR SUBTASK:		DRL ITEM NO.:			
									ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:			DRL NO.:		LEVEL NO.:			
									ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:			DDL NO.:		FILE NO.:			
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION																	
USE OF DOCUMENT: Provides an index of and the status of all specifications used in the system (i.e., spacecraft, science, capsule, etc.)									ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:			NO. OF COPIES: As required					
									ESTIMATED MANHOURS FOR SINGLE PREPARATION:			INFORMATION CUTOFF DATE OR MILESTONE:					
									ESTIMATED COST (\$) FOR SINGLE PREPARATION:			DATE DATA DUE TO USER:					
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001, Engineering Change Proposal (ECP); CM-002, Specification Change Notice (SCN); SE-010, Contract End Item (CEI) Detail; Specification (Prime Equipment) Part I (Requirements); SE-011, Contract End Item (CEI) Detail; Specification (Prime Equipment) Part II									FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☒ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED			PUBLICATION DATE: PDR					
												UPDATE (FREQUENCY OR MILESTONE): Monthly					
												ESTIMATED EXPIRATION DATE:					
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED									☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN			☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN					
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER									KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☒ INDEX			☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER			REFERENCE DOCUMENTS: CM 001 BB 011-1B Exhibit VII. Configuration Management Manual		
															APPLICABLE STANDARDS:		
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)																	
SUBMIT FOR REVIEW TO: _____																	
BY _____																	
SUBMIT FOR APPROVAL TO: _____																	
BY _____																	
Manager, Configuration Management																	

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-006

Prepare as a bookform drawing with a separate sheet for each specification.
To be prepared by each contractor having a system responsibility and the customer for the Voyager System Specification. Is updated from inputs provided by specification change logs and specification release list.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

To be distributed to each holder of a System Specification, to be filed following title page.

OUTLINE OF CONTENTS:

Sample Format given in CM 001 BB 001-1B Exhibit VII

Contents for each sheet (specification) shall include:

1. Specification title
2. Specification number
3. Applicable contract end item number
4. Applicable contract end item part number
5. Scheduled completion date
6. Slippage date
7. Approval date (Customer/System Contractor)
8. Approved SCN sequence number(s) and ECP number(s)
9. SCN title
10. Specification number and name of each associate contractor affected by the SCN
11. Related contractor SCN numbers
12. Changed part number if applicable
13. Name of contractor responsible for specification

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

SCM. COMPLETION DATE _____ SLIPPAGE DATE _____ APPROVAL DATE _____
RESPONSIBILITY ORIGINAL FSCM _____

REPRESENTATIVE FORMAT AND CONTENT

GE EXHIBIT DRD CM-007

VOYAGER DATA REQUIREMENT DESCRIPTION						DRD APPROVED BY:		DATE:		DATA CATEGORY:												
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: CM		OFFICE RESPONSIBLE FOR DRD:		CODE:		DRD PREPARED BY: A. W. Morris		DATE: 7/28/67		CONTRACT NO.:		DRD NO.: CM-007								
TITLE OF DOCUMENT: INDEX, SYSTEM/EQUIPMENT CONTRACT END ITEM REQUIREMENTS									ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management			TASK OR SUBTASK:			DRL ITEM NO.:							
									ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:						DRL NO.:			LEVEL NO.:				
									ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:						DDL NO.:			FILE NO.:				
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION									ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:			NO. OF COPIES: To be determined										
USE OF DOCUMENT: Used to provide a cross reference index between Contract End Item Number and Part Number to quantities required at each organizational location.									ESTIMATED MANHOURS FOR SINGLE PREPARATION:			INFORMATION CUTOFF DATE OR MILESTONE:										
									ESTIMATED COST (\$) FOR SINGLE PREPARATION:			DATE DATA DUE TO USER:										
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: None									FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE AS SPECIFIED One time			PUBLICATION DATE: FACI UPDATE (FREQUENCY OR MILESTONE): N/A ESTIMATED EXPIRATION DATE:										
									CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED									☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN				
																		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN				
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER _____ _____ _____									KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☒ INDEX													
									☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER													
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									REFERENCE DOCUMENTS: Configuration Management Manual Exhibit XV, CM001BB001-1B													
									APPLICABLE STANDARDS:													
SUBMIT FOR REVIEW TO: _____																						
BY _____																						
SUBMIT FOR APPROVAL TO: _____																						
BY _____																						
Manager, Configuration Management																						

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
007

Prepared in contract end item number sequence.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Each line item to contain:

1. Contract end item number
2. Contract end item part number
3. Type/model/series code symbol
4. Column and quantity for each organizational location
5. Index issue date
6. Name of contractor issuing index

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-008

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-008
TITLE OF DOCUMENT: LIST, APPROVED CHANGES PER EQUIPMENT ECHELON				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: As requested	
USE OF DOCUMENT: Used to provide listing of outstanding and applicable change documentation on and below any specified equipment level for accumulating a change package for review, inspection, etc.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001, Engineering Change Proposal (ECP); CM-002, Specification Change Notice (SCN); CM-003, Change Notice; CM-036, Record, Drawing Release and Status				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☒ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: PDR	
						UPDATE (FREQUENCY OR MILESTONE): Kept current thru MAR	
CLASSIFICATION: ☐ SECRET ☐ GROUP 1 ☐ CONFIDENTIAL ☐ GROUP 2 ☐ SECRET RESTRICTED DATA ☐ GROUP 3 ☐ CONFIDENTIAL RESTRICTED DATA ☐ GROUP 4 ☒ UNCLASSIFIED ☐ PROPRIETARY ☐ PUBLIC DOMAIN ☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN						ESTIMATED EXPIRATION DATE:	
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER		KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX		☐ INSTRUCTION ☐ LETTER ☒ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER		REFERENCE DOCUMENTS: None	
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO: _____		_____		_____		_____	
_____ BY _____		_____		_____ BY _____		_____	
_____		_____		_____		_____	
_____		_____		_____		_____	
SUBMIT FOR APPROVAL TO: _____		_____ BY _____		_____ BY _____		_____	
_____		_____		_____		_____	
Manager, Configuration Management		_____		_____		_____	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:
CM-
008

SPECIAL INSTRUCTIONS:

1. Presented in alpha-numeric sequence by document number for change notices prepared.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Each line item to contain:
 - a. Change document number
 - b. Number of document for which change was written
 - c. Title of document for which change was written
 - d. Title and number of top document for which list is prepared
2. Date of list
3. Contractor name and FSCM number preparing list

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A.W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-009
TITLE OF DOCUMENT: LIST, "AS DESIGNED" PARTS USAGE				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 25	
USE OF DOCUMENT: Used to provide traceability of parts usage.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-010, List Hardware Incorporated Changes; CM-011, List, Indented Breakdown of Parts; CM-013, List, "As Built" Parts Usage; CM-036, Record, Drawing Release and Status				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: PDR	
						UPDATE (FREQUENCY OR MILESTONE): Monthly	
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN	
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX			
				REFERENCE DOCUMENTS: CM001BB001-1B Exhibit XII Configuration Management Manual			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY			
SUBMIT FOR APPROVAL TO:		BY		BY			
Manager, Configuration Management							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
009

1. List to be produced at any equipment level, i. e. system, subsystem, contract end item, and component
2. To be produced in alphanumeric sequence.
3. Information to produce list to be provided the contractor by subcontractors, vendors, and suppliers on a current basis.
4. Information derived from release records, parts lists, and the indented breakdown of parts.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

1. "B" and "C" level managers of Engineering, Quality Assurance, Reliability, and Manufacturing.
2. Others may obtain copies upon approved request.

OUTLINE OF CONTENTS:

1. List of all parts and reference documents contained in a system, contract end item, or component in alphanumeric sequence
 - a. Each line item to contain:
 1. Part identification number or reference document number
 2. Nomenclature
 3. Quantity per next higher assembly(s)
 4. Next higher assembly(s) number
 5. Current revision symbol
 6. Total quantity used for system
 7. Reference designation (As applicable)
 8. Outstanding change notice numbers
 - b. Header to contain:
 1. Date of issue of list and supersedes date
 2. System name or contract end item number as applicable for which list prepared
 3. Identification number of assembly for which list prepared
 4. Contractor name and FSCM number

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

(CONTRACTOR'S NAME (FSCM)

PARTS USAGE LIST FOR:

SYS., SUBSYS, CEI NO.				ASSEMBLY IDENTIFICATION NO.				DATE			
LINE NO.	IDENT. NO	REF DES.	NOMENCLATURE	NEXT HIGHER ASSEMBLY IDENT. NUMBER(S)	QTY. PER EACH NHA	CUR. ASSY NO.	PREV. ASSY NO.	QTY. TOTAL	ORIG. ISSUE DATE	REVISED ISSUE DATE	
(5)	(15)	(4)	(30)	(15)	(4)	(2)	(3)	(4)	(8)	(8)	

REPRESENTATIVE FORMAT AND CONTENT

NUMBERS IN PARENTHESIS INDICATE NUMBER OF CHARACTERS.

GE EXHIBIT DRD CM-010

VOYAGER DATA REQUIREMENT DESCRIPTION						DRD APPROVED BY:	DATE:	DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A.W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-010		
TITLE OF DOCUMENT: LIST, HARDWARE INCORPORATED CHANGES					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Quality Assurance	TASK OR SUBTASK:	DRL ITEM NO.:		
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:	DRL NO.:	LEVEL NO.:		
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:	DDL NO.:	FILE NO.:		
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION									
USE OF DOCUMENT: Used to monitor the incorporation of approved changes into hardware at the specified contract end item effectivities. Used also as an input to FACI and preparation of configuration status accounting report, Section V.					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:	NO. OF COPIES: To be determined			
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: None					ESTIMATED MANHOURS FOR SINGLE PREPARATION:	INFORMATION CUTOFF DATE OR MILESTONE:			
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:	DATE DATA DUE TO USER:			
					FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☒ WEEKLY ☐ DAILY ☐ OTHERWISE AS SPECIFIED	PUBLICATION DATE: CDR			
					UPDATE (FREQUENCY OR MILESTONE). Through J FACT				
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED					☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN				
☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN					ESTIMATED EXPIRATION DATE:				
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER					KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX				
					REFERENCE DOCUMENTS: CM 001BB001-1B Exhibit XIII and XV, Configuration Management Manual NPC 200-2 and 3				
					APPLICABLE STANDARDS:				
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
DRAFT			DATE		PREPUBLICATION PROOF		DATE		
SUBMIT FOR REVIEW TO: _____									
_____			BY _____		_____		BY _____		
_____			_____		_____		_____		
_____			_____		_____		_____		
_____			_____		_____		_____		
SUBMIT FOR APPROVAL TO: _____									
_____			BY _____		_____		BY _____		
Manager, Configuration Management									

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
010

1. To be prepared in alphanumeric sequence against contract end item numbers per contract end item serial number.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Contract end item number
2. Federal supply code for manufacturers
3. Part number
4. Change number (ECP, SCN, etc.)
5. Serial number (contract end item)
6. Contract end item location
7. New part number (if applicable)
8. Type of change (P, I, etc.)
9. Kit number (if applicable)
10. Kit requested, delivery date (if applicable)
11. Actual delivery date
12. Completion date
13. Report date
14. Contractor name and FSCM producing report
15. Page number

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

(CONTRACTOR'S NAME)	(FSCM)
LIST OF HARDWARE INCORPORATED CHANGES	

[illegible]

REPRESENTATIVE FORMAT AND CONTENT

GE EXHIBIT DRD CM-011

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:
		CM			A. W. Morris	7/28/67			CM-011
TITLE OF DOCUMENT: LIST, INDENTED BREAKDOWN OF PARTS					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:
					Configuration Management				
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:		
USE OF DOCUMENT: Used to define the "As Designed" configuration of any level of assembly. Used to analyze the impact of a change.							25		
					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-009, List, "As Designed" Parts Usage; CM-012, List, "As Built" Indented Configuration; CM-013, List, "As Built" Parts Usage; CM-036, Record, Drawing, Release and Status					FREQUENCY OF ISSUE:		PUBLICATION DATE:		
					☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☒ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PDR		
							UPDATE (FREQUENCY OR MILESTONE):		
CLASSIFICATION:							Kept current through launch		
☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED					☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		ESTIMATED EXPIRATION DATE:		
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER					KIND OF DATA:				
					☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX				
					REFERENCE DOCUMENTS:				
					CM001BB001-1B Exhibit XII Configuration Management Manual				
					APPLICABLE STANDARDS:				
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
DRAFT DATE PREPUBLICATION PROOF DATE									
SUBMIT FOR REVIEW TO: _____ BY _____									
SUBMIT FOR APPROVAL TO: _____ BY _____									
Manager, Configuration Management									

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:
CM-
011

SPECIAL INSTRUCTIONS:

1. This list to be produced at any equipment level upon request, i. e., system, subsystem, contract end item, or component and shall be indentured by assembly level.
2. Information to produce list shall be provided the contractor by subcontractors, suppliers and vendors on a current basis.
3. Information shall be derived from, current with and agree with specification and drawing release records, parts lists (list of materials), etc.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

1. "B" and "C" level managers of Engineering, Quality Assurance, Reliability and Manufacturing.
2. Others may obtain copies upon approved request.

OUTLINE OF CONTENTS:

1. Shall list all parts and referenced documents contained in an assembly indentured by assembly level.
 - a. Each line item (part or referenced document) shall contain;
 - (1) Part identification number or reference document number
 - (2) Assembly level of part
 - (3) Nomenclature
 - (4) Reference designation (where applicable)
 - (5) Quantity per one next higher assembly
 - (6) Current revision symbol
 - (7) Unincorporated change notice numbers
 - (8) For use on (D = development, T = test, F = flight)
 - (9) Serial number (where preassigned)
 - (10) Responsible operation code
 - (11) Documents original issue date
 - (12) Issue date of latest revision
 - b. Header to contain
 - (1) Contractor name and FSCM number
 - (2) Date of list issue
 - (3) Supersedes date
 - (4) System or subsystem name or contract end item number for which list is issued
 - (5) Identification number of assembly for which list is issued

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

INDENTED BREAKDOWN OF PARTS LIST FOR:				(CONTRACTOR'S NAME)		(FSCM)		PAGE ____ OF ____ DATE _____ SUPERSEDES DATE _____			
(SYS, SUBSYS, CEI NO.)				(ASSEMBLY IDENTIFICATION NO.)							
LINE NO.	IDENT. NO.	REF. DES.	NOMENCLATURE	QTY. PER N.H.A.	REV. C	UNING. CHG. NO.	FOR USE ON	ASSIG. SER. NO.	RESP. OPER. DATE	ORIG. ISSUE DATE	REVISED ISSUE DATE
(5)	(11)	(4)	(30)	(4)	(2)	(3)	(4)	(4)	(5)	(8)	(8)

REPRESENTATIVE FORMAT AND CONTENT

NUMBERS IN PARENTHESIS INDICATE NUMBER OF CHARACTERS.

GE EXHIBIT DRD CM-012

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:	CONTRACT NO.:	DRD NO.:
	CM			A. W. Morris	7/28/67		CM-012
TITLE OF DOCUMENT: LIST, "AS BUILT" INDENTED CONFIGURATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:
				Quality Assurance			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
USE OF DOCUMENT: Used to provide visibility of installed items at any requested level of assembly. Used at FACI to compare hardware against definition.				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: To be determined	
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-010, List, Hardware Incorporated Changes CM-013, List, "As Built" Parts Usage CM-019, List, Break of Inspection, Per Contract End Item CM-037, Record, Installation				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☒ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: CDR	
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN	
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX			
				☐ INSTRUCTION ☐ LETTER ☒ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER			
REFERENCE DOCUMENTS: CM001BB001-1B, Exhibit XIII, XIV, Configuration Management Manual				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY		BY	
SUBMIT FOR APPROVAL TO:		BY		BY		BY	
Manager, Configuration Management							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
012

1. List to be produced at any equipment level.
2. List to be produced by contractors, suppliers, vendors for their equipment levels and provided to system contractors for preparation of system list.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. List of all parts installed in an assembly indentured by assembly level.
 - a. Each line item to contain:
 - (1) Part identification number
 - (2) Nomenclature
 - (3) Quantity for next assembly
 - (4) Revision symbol to which it was fabricated, inspected, tested, assembled
 - (5) Change notice numbers incorporated in hardware
 - (6) Reference designation (if applicable)
 - (7) Serial number of part
 - (8) Next assembly identification number and serial number and contract end item number.
 - b. Header to contain:
 - (1) Date of issue and supersession date
 - (2) Identification number of assembly for which prepared
 - (3) Nomenclature of assembly for which prepared
 - (4) Serial number of assembly for which prepared
 - (5) Contractor's name and FSCM issuing list

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-013

VOYAGER DATA REQUIREMENT DESCRIPTION						DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: CM	OFFICE RESPONSIBLE FOR DRD:		CODE:	DRD PREPARED BY: A.W. Morris		DATE: 7/28/67		CONTRACT NO.:	DRD NO.: CM-013
TITLE OF DOCUMENT: LIST, "AS BUILT" PARTS USAGE						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Quality Assurance		TASK OR SUBTASK:		DRL ITEM NO.:	
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:	
						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:	
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: To be determined			
USE OF DOCUMENT: Used to track the usage of parts in relation to the part and serial number(s) where installed. Used as part of FACI requirements						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:			
						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:			
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-012, List, "As Built" Indented Configuration CM-019, List, Break of Inspection, Per Contract End Item CM-037, Record, Installation						FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☒ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: CDR			
								UPDATE (FREQUENCY OR MILESTONE): Kept current through MAR ESTIMATED EXPIRATION DATE:			
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED						☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN			
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER _____ _____ _____						KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX ☐ INSTRUCTION ☐ LETTER ☒ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER					
REFERENCE DOCUMENTS: CM001BB001-1B Exhibits XIII, XIV, Configuration Management Manual						APPLICABLE STANDARDS:					
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)											
SUBMIT FOR REVIEW TO: _____				DRAFT		DATE		PREPUBLICATION PROOF		DATE	
_____ BY _____				_____		_____		_____ BY _____		_____	
_____ BY _____				_____		_____		_____ BY _____		_____	
SUBMIT FOR APPROVAL TO: _____				BY _____		_____		BY _____		_____	
Manager, Configuration Management											

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
013

1. List to be produced at any requested assembly level.
2. List to be produced by contractors, suppliers, vendors for their equipment levels and provided to system contractors for preparation of system lists.

SPECIAL DISTRIBUTION. (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. List of all parts installed in a system, contract end item, or component
2. To be listed by identification number in alpha-numeric sequence.
 - a. Each line item to contain:
 - (1) Part identification number
 - (2) Nomenclature
 - (3) Quantity per next assembly(s)
 - (4) Part serial number
 - (5) Next higher assembly number(s) and serial number(s)
 - (6) Revision symbol and change notice numbers to which part was fabricated, inspected, tested, and assembled
 - (7) Part reference designation (if applicable)
 - (8) Total quantity used for system
3. Header to contain:
 - a. Date of issue and supersession date
 - b. Nomenclature for assembly for which list is prepared
 - c. Identification number for assembly for which list is prepared
 - d. Serial number for assembly for which list is prepared
 - e. FSCM of preparer

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

"AS BUILT" PARTS USAGE LIST

DATE _____
SUPERSEDES
DATE _____

PART NO. _____ NOMENCLATURE _____ SERIAL NO. _____

[illegible]

REPRESENTATIVE FORMAT AND CONTENT

GE EXHIBIT DRD CM-014

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: D. Sergay	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-014
TITLE OF DOCUMENT: INDEX, DRAWING				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: System Engineering		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: 275	
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
USE OF DOCUMENT: Provides a ready means of identifying drawings				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-026, Plan, Configuration Management				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☒ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: HDR	
				UPDATE (FREQUENCY OR MILESTONE): As required through MAR		ESTIMATED EXPIRATION DATE:	
CLASSIFICATION: ☐ SECRET ☐ GROUP 1 ☐ SPECIAL HANDLING ☐ CONFIDENTIAL ☐ GROUP 2 ☐ NASA DISCREET ☐ SECRET RESTRICTED DATA ☐ GROUP 3 ☐ JPL DISCREET ☐ CONFIDENTIAL RESTRICTED DATA ☐ GROUP 4 ☐ PROJECT DISCREET ☒ UNCLASSIFIED ☐ PROPRIETARY ☐ NOFORN ☐ PUBLIC DOMAIN							
FORM OF DATA: KIND OF DATA:				REFERENCE DOCUMENTS:			
☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☐ LIST ☐ DRAWING ☐ CATALOG ☐ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ORDER ☐ PLAN ☐ COMPUTER CARD ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ PROCEDURE ☐ COMPUTER TAPE ☐ ENGINEERING CHANGE PROPOSAL ☐ REGULATION ☐ MICROFILM (W/OR W/O CARD) ☐ SCHEDULE ☐ OTHER ☐ SPECIFICATION ☐ HANDBOOK ☐ STANDARD ☒ INDEX ☐ VOUCHER				Configuration Management Manual			
APPLICABLE STANDARDS:							
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO: _____		_____		_____		_____	
_____ BY _____		_____		_____ BY _____		_____	
_____		_____		_____		_____	
SUBMIT FOR APPROVAL TO: _____		_____ BY _____		_____ BY _____		_____	
_____		_____		_____		_____	
Manager, Configuration Management				_____			

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

May be a computer run.

DRD NO.:
CM-
014

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Index to be prepared showing:
 - a. Drawings by number
 - b. Drawings by subsystem, systems or component
 - c. Drawings by name
2. Each line item to contain:
 - a. Drawing number and name
 - b. Issue date
 - c. Revision date
 - d. Revision symbol
 - e. Responsibility operation code

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-015

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:						
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: D. Sergay		DATE: 7/28/67		CONTRACT NO.:	DRD NO.: CM-015				
TITLE OF DOCUMENT: INDEX, SPECIFICATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: System Engineering		TASK OR SUBTASK:		DRL ITEM NO.:					
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:					
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:					
					TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION		USE OF DOCUMENT: Provides a ready means of locating specification data.		ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 275			
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-026, Plan, Configuration Management					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:							
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:							
					FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☒ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR		UPDATE (FREQUENCY OR MILESTONE): As required through MAR					
							ESTIMATED EXPIRATION DATE:							
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED					☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN ☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN									
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER					KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☒ INDEX ☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER					REFERENCE DOCUMENTS:				
					APPLICABLE STANDARDS:									
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)														
DRAFT DATE PREPUBLICATION PROOF DATE														
SUBMIT FOR REVIEW TO: _____ BY _____														
SUBMIT FOR APPROVAL TO: _____ BY _____														
Manager, Configuration Management														

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
015

May be a computer run

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Index, to be prepared:
 - a. Numerically by specification number
 - b. Alphabetically by name
 - c. By subsystem or component
 - d. Indentured
2. Each line to contain:
 - a. Specification number
 - b. Specification name
 - c. Next higher specification number(s)
 - d. Prefix symbol
3. Header to contain:
 - a. Index issue date
 - b. Index preparer FSCM

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-016
TITLE OF DOCUMENT: LIST, DEVIATION AND WAIVERS				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Quality Assurance		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 5	
USE OF DOCUMENT: Used to provide a list of approved deviations and waivers from the "as designed" configuration of a contract end item.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: QA-007 Minutes, Material Review Board QA-021 *Report, Non-Conforming Material RA-007 *Minutes, Failure Analysis Review Board (FARB)				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☒ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: PDR	
						UPDATE (FREQUENCY OR MILESTONE): Weekly through MAR	
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN	
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX			
				REFERENCE DOCUMENTS: None			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY		BY	
SUBMIT FOR APPROVAL TO:		BY		BY		BY	
Manager, Quality Assurance							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
016

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The list shall be presented by contract end item (CEI) number, CEI part number and nomenclature and shall list the report number and date of issue which authorized the deviation or waiver. It shall also give the part number, revision symbol, and the applicable change notice numbers of the part (if lower order than the CEI) to which the deviation or waiver was granted.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

[illegible]

REPRESENTATIVE FORMAT

GE EXHIBIT DRD CM-017

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:	CONTRACT NO.:	DRD NO.:
	CM			A. W. Morris	7/28/67		CM-017
TITLE OF DOCUMENT: LIST, SPECIAL TEST EQUIPMENT, TOOLS, FIXTURES, ETC.				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:
				Quality Assurance			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
USE OF DOCUMENT: Used to provide a list of and current status of the special test equipment, tools, jigs, and fixtures designed and developed to test, fabricate, and assemble the Voyager Spacecraft. It will not include items used in system or launch checkout or which are part of assembly, handling or shipping equipment.				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:	
						5	
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: None				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE:		PUBLICATION DATE:	
CLASSIFICATION: ☐ SECRET ☐ GROUP 1 ☐ SPECIAL HANDLING ☐ CONFIDENTIAL ☐ GROUP 2 ☐ NASA DISCREET ☐ SECRET RESTRICTED DATA ☐ GROUP 3 ☐ JPL DISCREET ☐ CONFIDENTIAL RESTRICTED DATA ☐ GROUP 4 ☐ PROJECT DISCREET ☒ UNCLASSIFIED ☐ PROPRIETARY ☐ NOFORN ☐ PUBLIC DOMAIN				☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☒ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		UPDATE (FREQUENCY OR MILESTONE): Keep current through FACI	
						ESTIMATED EXPIRATION DATE:	
FORM OF DATA: KIND OF DATA: ☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☒ LIST ☐ DRAWING ☐ CATALOG ☐ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ☐ PLAN ☐ COMPUTER CARD ☐ ORDER ☐ PROCEDURE ☐ COMPUTER TAPE ☐ REQUEST FOR ENGINEER- ☐ REGULATION ☐ MICROFILM (W/OR W/O CARD) ING CHANGE PROPOSAL ☐ REPORT ☐ OTHER ☐ ENGINEERING CHANGE ☐ SCHEDULE PROPOSAL ☐ SPECIFICATION ☐ HANDBOOK ☐ STANDARD ☐ INDEX ☐ VOUCHER				REFERENCE DOCUMENTS: None			
				REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)			
		DRAFT	DATE	PREPUBLICATION PROOF	DATE		
SUBMIT FOR REVIEW TO:		_____	_____	_____	_____		
		_____	_____	_____	_____		
		BY	_____	BY	_____		
		_____	_____	_____	_____		
		_____	_____	_____	_____		
SUBMIT FOR APPROVAL TO:		_____	_____	_____	_____		
		_____	_____	_____	_____		
		BY	_____	BY	_____		
		_____	_____	_____	_____		
		Manager, Quality Assurance	_____	_____	_____		

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
017

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The list shall be presented in part number sequence and shall give the item name its drawing revision symbol and the unincorporated change notice numbers. It shall also give the item part number and nomenclature for which it was designed to test, or assist in fabrication.

(CONTRACTOR'S NAME) (FSCM)				DATE _____
				SUPERSEDES DATE _____
PART NO.	NOMENCLATURE	REV. SYM	CHANGE NOTICE NO.	PART NO. OF ITEM TO BE TESTED, FABRICATED, ETC.

REPRESENTATIVE FORMAT

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-018

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-018
TITLE OF DOCUMENT: LIST, SPECIFICATION STATUS/RELEASE				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 25	
USE OF DOCUMENT: Used to provide a visual record of released specifications and their revision and SCN status.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☒ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR UPDATE (FREQUENCY OR MILESTONE): Weekly through MAR ESTIMATED EXPIRATION DATE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-002, Specification Change Notice (SCN) CM-010, Contract End Item (CEI) Detail Specification (Prime Equipment) Part 1 (Requirements) CM-011, Contract End Item (CEI) Detail Specification (Prime Equipment) Part II				CLASSIFICATION:			
☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN			
☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN							
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX			
				REFERENCE DOCUMENTS: Configuration Management Manual CM001BB001-1B, Exhibits X and XII Local Procedures			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY			
SUBMIT FOR APPROVAL TO:		BY		BY			
Manager, Configuration Management							

DD FORM NO. 1
CM-
018

Information to agree with specification identification number assignement log.

RA "B" and "C" level managers

[illegible]

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY		DATE	DATA CATEGORY
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A.W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-019
TITLE OF DOCUMENT: LIST, BREAK OF INSPECTION PER CONTRACT END ITEM				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Quality Assurance		TASK OR SUBTASK:	DRD ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRD NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: To be determined	
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
USE OF DOCUMENT: Used to document any actions resulting from removal and replacement after the initial installation has been accepted by inspection, used during FACI review.				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: None				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☒ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: CDR	
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		UPDATE (FREQUENCY OR MILESTONE): Kept Current through MAR	
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX			
				REFERENCE DOCUMENTS: Configuration Management Manual CM001BB001-1B, Exhibit XIII			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY		BY	
SUBMIT FOR APPROVAL TO:		BY		BY		BY	
Manager, Quality Assurance							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
019

1. Break of inspection list shall be prepared for each CEI/serial number
2. Shall be prepared by contractor, subcontractor, and supplier, as applicable and supplied to the contractor with system responsibility

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Break of inspection number
2. Break of inspection date
3. Number of component in which break occurred
4. Serial number of component in which break occurred
5. Number and serial number of item removed
6. Number and serial number of item installed
7. Contract end item number for which list prepared
8. Date of list

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

(CONTRACTOR'S NAME) (FSCM)

BREAK OF INSPECTION LIST (CEI)

FOR

DATE _____

CEI NO. _____ PART NO. _____

SUPERSEDES
DATE _____

B.O.I. NO.	B.O.I. DATE	PART NO. OF COMP. WHERE BREAK OCCURED	PART NO. OF PART REMOVED	SER. NO. OF PART REMOVED	PART NO. OF PART INSTALLED	SER. NO. OF PART INSTALLED

REPRESENTATIVE FORMAT AND CONTENT

GE EXHIBIT DRD CM-020

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-020
TITLE OF DOCUMENT: LOG, CONTRACT END ITEM ASSIGNMENT NUMBER				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: None	
USE OF DOCUMENT: To assure contract end item numbers are not duplicated				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: SE-010 Contract End Item (CEI) Detail Specification (Prime Equipment) Part I (Requirements) SE-011 Contract End Item (CEI) Detail Specification (Prime Equipment) Part II				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED One time		PUBLICATION DATE: SDR	
						UPDATE (FREQUENCY OR MILESTONE): Not applicable ESTIMATED EXPIRATION DATE:	
CLASSIFICATION: ☐ SECRET ☐ GROUP 1 ☐ SPECIAL HANDLING ☐ CONFIDENTIAL ☐ GROUP 2 ☐ NASA DISCREET ☐ SECRET RESTRICTED DATA ☐ GROUP 3 ☐ JPL DISCREET ☐ CONFIDENTIAL RESTRICTED DATA ☐ GROUP 4 ☐ PROJECT DISCREET ☒ UNCLASSIFIED ☐ PROPRIETARY ☐ NOFORN ☐ PUBLIC DOMAIN							
FORM OF DATA: KIND OF DATA: ☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☐ LIST ☐ DRAWING ☐ CATALOG ☒ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ORDER ☐ PLAN ☐ COMPUTER CARD ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ PROCEDURE ☐ COMPUTER TAPE ☐ ENGINEERING CHANGE PROPOSAL ☐ REGULATION ☐ MICROFILM (W/OR W/O CARD) ☐ SCHEDULE ☐ OTHER ☐ SPECIFICATION ☐ HANDBOOK ☐ STANDARD ☐ INDEX ☐ VOUCHER				REFERENCE DOCUMENTS: CM 001BB001-01 Exhibit X, Exhibit II, Configuration Management Manual			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO: _____		_____		_____		_____	
_____		BY _____		_____		BY _____	
_____		_____		_____		_____	
_____		_____		_____		_____	
SUBMIT FOR APPROVAL TO: _____		BY _____		_____		BY _____	
_____		_____		_____		_____	
Manager, Configuration Management				_____			

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-020

1. To be prepared as a log book with each contract end item number given a line. Upon contract end item number assignment or as information becomes available information shown below to be added for each contract end item number.
2. Contract end item number blocks or direct assignment to be provided subcontractors, suppliers and vendors by the contractor.
3. Contract end item numbers shall conform to the Configuration Management Manual CM 001BB001-1B.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING ODL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Number
2. CEI name
3. CEI specification number
4. CEI assembly drawing number
5. Operation code and name of person to whom assigned, and date of assignment.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-021
TITLE OF DOCUMENT: LOG, ENGINEERING CHANGE PROPOSAL (ECP) NUMBER SEQUENCE ASSIGNMENT				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: None	
USE OF DOCUMENT: Used to prevent duplicate assignment of sequence numbers between systems.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: None				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: PDR	
				One time		UPDATE (FREQUENCY OR MILESTONE): None	
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN	
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX			
				☐ INSTRUCTION ☐ LETTER ☐ LIST ☒ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)				REFERENCE DOCUMENTS: Configuration Management Manual, CM001BB001-1B, Exhibit X.			
				APPLICABLE STANDARDS:			
SUBMIT FOR REVIEW TO:				DATE			
BY				PREPUBLICATION PROOF			
SUBMIT FOR APPROVAL TO:				DATE			
BY				BY			
Manager, Configuration Management							

SPECIAL INSTRUCTIONS:

1. A separate log shall be prepared and maintained for each system.
2. Upon request for a sequence number the date, requestors' name, and the part number shall be entered adjacent to the sequence number.
3. Upon ECP issue, the issue date shall be entered.
4. Once assigned and the ECP submitted for customer approval the sequence number shall not be reassigned even if the ECP is cancelled or disapproved.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

SYSTEM (NOMENCLATURE) _____						
ECP SEQ. NO.	ASSIG. DATE	CEI NO.	REQUESTOR NAME	PART NO.	NOMENCLATURE	ISSUE DATE

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-022

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:					
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: CM	OFFICE RESPONSIBLE FOR DRD:		CODE:	DRD PREPARED BY: A.W. Morris		DATE: 7/28/67		CONTRACT NO.:		DRD NO.: CM-022	
TITLE OF DOCUMENT: LOG, SPECIFICATION CHANGE						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:		DRL ITEM NO.:			
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:			
						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:			
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: As required					
USE OF DOCUMENT: Serves as index of approved specification change notices for each specification.						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:					
						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:					
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-002, Specification Change Notices MP-003, Specification, Mission Dependent Equipment (MDE) SE-010, Contract End Item (CEI) Detail Specification (Prime Equipment) Part I (Requirements) SE-011, Contract End Item (CEI) Detail Specification (Prime Equipment) Part II						FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: PDR					
						As required		UPDATE (FREQUENCY OR MILESTONE): With each SCN					
								ESTIMATED EXPIRATION DATE:					
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED						☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN					
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER						KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX		☐ INSTRUCTION ☐ LETTER ☐ LIST ☒ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER					
						REFERENCE DOCUMENTS: Configuration Management Manual 001BB001-1B Exhibit VII, X GE Configuration Management Manual							
APPLICABLE STANDARDS:													
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)													
DRAFT DATE PREPUBLICATION PROOF DATE													
SUBMIT FOR REVIEW TO: _____ BY _____													
SUBMIT FOR APPROVAL TO: _____ BY _____													
Manager, Configuration Management													

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
022

1. A specification change log is required for each specification.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

1. Updated log is provided with each SCN submitted for approval to the customer.
2. After SCN is approved updated logs are distributed to each specification holder for insertion into the specification.

OUTLINE OF CONTENTS: A sample format is shown in CM001BB001-1B, Exhibit VII Sample "B".

Contents shall include:

1. Log date
2. Superseding date
3. Number of specification
4. SCN sequence number
5. SCN associated ECP numbers
6. Date of SCN
7. Pages of specification affected by SCN
8. CEI Number(s) affected by SCN

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-023

VOYAGER DATA REQUIREMENT DESCRIPTION						DRD APPROVED BY:	DATE:	DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-023		
TITLE OF DOCUMENT: LOG, SPECIFICATION DISTRIBUTION					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Data Management	TASK OR SUBTASK:	DRL ITEM NO.:		
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:	DRL NO.:	LEVEL NO.:		
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:	DDL NO.:	FILE NO.:		
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:	NO. OF COPIES: None			
USE OF DOCUMENT: Used to assure delivery of specification change logs, indexes, configuration charts, and approved SCN's to current holders of specifications.					ESTIMATED MANHOURS FOR SINGLE PREPARATION:	INFORMATION CUTOFF DATE OR MILESTONE:			
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:	DATE DATA DUE TO USER:			
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-002, Specification Change Notice CM-015, Indexes, Specification Identification CM-022, Log, Specification Change CM-034, Charts, Configuration					FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED One time	PUBLICATION DATE: SDR UPDATE (FREQUENCY OR MILESTONE): Kept current			
					ESTIMATED EXPIRATION DATE:				
CLASSIFICATION: ☐ SECRET ☐ GROUP 1 ☐ SPECIAL HANDLING ☐ CONFIDENTIAL ☐ GROUP 2 ☐ NASA DISCREET ☐ SECRET RESTRICTED DATA ☐ GROUP 3 ☐ JPL DISCREET ☐ CONFIDENTIAL RESTRICTED DATA ☐ GROUP 4 ☐ PROJECT DISCREET ☒ UNCLASSIFIED ☐ PROPRIETARY ☐ NOFORN ☐ PUBLIC DOMAIN									
FORM OF DATA: KIND OF DATA: ☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☐ LIST ☐ DRAWING ☐ CATALOG ☒ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ORDER ☐ PLAN ☐ COMPUTER CARD ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ REGULATION ☐ COMPUTER TAPE ☐ ENGINEERING CHANGE PROPOSAL ☐ REPORT ☐ MICROFILM (W/OR W/O CARD) ☐ ENGINEERING CHANGE PROPOSAL ☐ SCHEDULE ☐ OTHER ☐ HANDBOOK ☐ SPECIFICATION _____ _____ ☐ INDEX ☐ STANDARD _____ ☐ VOUCHER					REFERENCE DOCUMENTS: None				
					APPLICABLE STANDARDS:				
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
SUBMIT FOR REVIEW TO:		DRAFT	DATE	PREPUBLICATION PROOF		DATE			
_____			_____	_____		_____			
_____		BY	_____	_____		BY _____			
_____			_____	_____		_____			
_____			_____	_____		_____			
SUBMIT FOR APPROVAL TO:		BY	_____	_____		BY _____			
Manager, Data Management			_____	_____		_____			

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

CM-023

Presented alphanumerically by specification number.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Specification number
2. Specification name
3. Specification holder's name and address
4. Column for each of the following data items
 - a. Specification change log
 - b. Specification identification index
 - c. Configuration chart
 - d. Specification change notice

(Note: Each column to be filled in with date of transmittal.)

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:				
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-024				
TITLE OF DOCUMENT: LOG, SPECIFICATION IDENTIFICATION NUMBER ASSIGNMENT				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Data Management		TASK OR SUBTASK:	DRL ITEM NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:				
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: None					
USE OF DOCUMENT: 1. Used to maintain a record of the assignment of specification numbers. 2. Used to maintain a record of sequential specification change number assignment. 3. Records revision letter assignment and authorizing document number.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:					
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:					
				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED One time		PUBLICATION DATE: SDR UPDATE (FREQUENCY OR MILESTONE): Current ESTIMATED EXPIRATION DATE:					
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001, Engineering Change Proposal (ECP); CM-002, Specification Change Notice (SCM); SE-011, Contract End Item (CEI) Detail Specification (Prime Equipment) Part II SE-019, Contract End Item (CEI) Detail Specification (Prime Equipment) Part I (Requirements)				CLASSIFICATION:							
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN					
FORM OF DATA: ☐ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/O OR W/ CARD) ☒ OTHER Card				KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX				☐ INSTRUCTION ☐ LETTER ☐ LIST ☒ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER			
REFERENCE DOCUMENTS: Configuration Management Manual CM001BB001-1B Exhibit X				APPLICABLE STANDARDS:							
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)											
DRAFT		DATE		PREPUBLICATION PROOF		DATE					
SUBMIT FOR REVIEW TO:		BY		BY		BY					
SUBMIT FOR APPROVAL TO:		BY		BY		BY					
Manager, Data Management											

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

CM-024

1. To be prepared and maintained by each contractor and sub-contractor.
2. A separate log will be maintained for each specification.
3. Log to be constructed in four sections as follows:
 - Section I - System Performance/Design Requirements Specifications (Prefix SS)
 - Section II - CEI Detail Specifications (Prefix, CP, CF, CD & CR)
 - Section III - Component Specifications (Prefix EC)
 - Section IV - Company Standards (Prefix ST)

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

No distribution required. Shall be readily available for routine surveillance by the GE or JPL local representative.

OUTLINE OF CONTENTS:

PREFIX NUMBER _____		ASSIGN. DATE _____		REV. _____	
NOMENCLATURE _____			CEI NO. _____		
SUBMITTAL DATE _____		APPROVAL DATE _____		ISSUE DATE _____	
SCN NUMBER ASSIGNED					
NO.	DATE	AUTHORIZING DOC. NO.(S)	GE APPR. DATE	SUBMITTAL DATE	CUST. APPR. DATE
		ENGINEERING CHG. PROPOSAL, CHANGE NOTICE			
~	~	~	~	~	~
REVISION LETTER ASSIGNMENT					
LETTER	DATE	AUTHORIZING DOC.	REISSUE DATE		
		CCBD, CCN, ETC.			

REPRESENTATIVE FORMAT AND CONTENT

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-025

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:	CONTRACT NO.:	DRD NO.:
	CM			A. W. Morris	7/28/67		CM-025
TITLE OF DOCUMENT: MANUAL, CONFIGURATION MANAGEMENT PROCEDURES				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 50	
USE OF DOCUMENT: Used to prescribe the requirements, practices, procedures and responsibilities for the conduct of configuration management activities.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-026 Plan, Configuration Management Procedure, Data Release CM-027 Procedure, Change Control CM-028 Procedure, Configuration Control(Administrative) CM-032 Instruction, Change Document Preparation CM-033 Instruction, Change Submittal and Approval				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED One time		PUBLICATION DATE: SDR UPDATE (FREQUENCY OR MILESTONE): As required thru CDR ESTIMATED EXPIRATION DATE:	
				CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED		☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN	
FORM OF DATA:				KIND OF DATA:			
☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX			
				☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☒ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)				REFERENCE DOCUMENTS: None			
				APPLICABLE STANDARDS:			
SUBMIT FOR REVIEW TO: _____ _____ BY _____ _____ _____ _____ SUBMIT FOR APPROVAL TO: _____ _____ BY _____ _____ _____ _____ Manager, Configuration Management				DATE _____ _____ _____ _____ _____ DATE _____ _____ _____ _____ _____ PREPUBLICATION PROOF _____ _____ _____ _____ _____ DATE _____ _____ _____ _____ _____ 			

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.
CM-025

SPECIAL INSTRUCTIONS:

1. Shall reflect the requirements of the approved configuration management plan for each system contractor, subcontractor, supplier, and vendor.
2. Shall be available for monitoring, and audit by the customer and/or system contractor.
3. Contractor format acceptable.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

1. All "A", "B", and "C" level managers
2. All members of Configuration Control Board
3. Customer Data Manager
4. Customer Manager Configuration Management
5. Copies may be provided with approved request.

OUTLINE OF CONTENTS:

1. Shall include the approved procedures and practices used in performing the configuration management functions of identification, control, and accounting.
3. Title sheet to include-
 1. Name of manual
 2. Number
 3. Issue/revision date
 4. Index of contents
 5. Local approvals

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

(MANUAL, CONFIGURATION MANAGEMENT PROCEDURES)

REPRESENTATIVE OUTLINE OF CONTENTS

Section 1 - Configuration management

1. Scope
2. Policies
3. Responsibilities
4. Requirements

Section 2 - Configuration identification

1. Requirements
2. Responsibilities
3. Drawing numbers
4. Specification numbers
5. Change numbers
6. Part numbers
7. CEI numbers
8. Serial numbers
9. Parts marking
10. Interchangeability

Section 3 - Data Release

1. Requirements
2. Responsibilities
3. Procedures
4. Records
5. Approvals

Section 4 - Automatic Data Processing (ADP)

1. Requirements
2. Responsibilities
3. Procedures

Section 5 - Configuration Control

1. Configuration Control Board(s)
2. Design change request
3. Change notice (CID, EO, AN, Etc.)
4. Specification change notice (SCN)

5. Engineering Change Proposal (ECP)
6. Change processing
7. Procedures

Section 6 - Configuration Accounting

1. Requirements
2. Responsibilities
3. Procedures

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:	CONTRACT NO.:	DRD NO.:
	CM			A. W. Morris	7/28/67		CM-026
TITLE OF DOCUMENT: PLAN, CONFIGURATION MANAGEMENT				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: To be determined	
USE OF DOCUMENT: Used as the basis for approval and monitoring of a contractor's configuration management activities, procedures and methods.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: DM-008, Plan, Contractor Data Acquisition Flow SC-003, Schedule, Project Level (Milestone) SC-004, Schedule, Task and Sub-Task Level (PERT) SC-006, *Schedule, Detail PERT Fragnets				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED One time		PUBLICATION DATE: SDR	
						UPDATE (FREQUENCY OR MILESTONE): As required	
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN	
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX			
				REFERENCE DOCUMENTS: Later			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
SUBMIT FOR REVIEW TO:		DRAFT	DATE	PREPUBLICATION PROOF		DATE	
_____			_____	_____		_____	
_____		BY	_____	_____		BY	
_____			_____	_____		_____	
_____			_____	_____		_____	
SUBMIT FOR APPROVAL TO:			DATE	PREPUBLICATION PROOF		DATE	
_____			_____	_____		_____	
_____		BY	_____	_____		BY	
_____			_____	_____		_____	
_____			_____	_____		_____	
Project Manager			_____	_____		_____	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
026

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS: This plan shall contain sufficient information concerning the following elements to assure the contracting agency that the contractor has developed the proper methods, procedures and organization to meet the objectives of configuration management:

1. Organizational structure and relationships (administrative and functional)
2. Responsibility assignments.
3. Relationships of configuration management with other functional management categories.
4. Methods and responsibilities for baseline, establishment, identification and control.
5. Methods and procedures to be used in and responsibilities for control of changes in design.
6. Methods and procedures to be used in and responsibilities for configuration accounting and configuration verification.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-027
TITLE OF DOCUMENT: PROCEDURE, CHANGE CONTROL				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 50	
USE OF DOCUMENT: Used to prescribe the requirements, practices, procedures, and responsibilities to be used in the control of changes				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: Specification and Drawing Release Records CM-003 Change Notice CM-025 Manual, Configuration Management CM-028 Procedure, Configuration Control (Administrative) CM-032 Instruction, Change Document Preparation CM-033 Instruction, Change Submittal and Approval				FREQUENCY OF ISSUE:		PUBLICATION DATE:	
				☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED One time		SDR	
						UPDATE (FREQUENCY OR MILESTONE): As required	
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN			
☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN							
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX			
				☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☒ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER			
REFERENCE DOCUMENTS: None				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:							
		BY				BY	
SUBMIT FOR APPROVAL TO:		BY				BY	
Project Manager							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:
CM-
027

SPECIAL INSTRUCTIONS:

1. Procedure to be prepared by each contractor, subcontractor, supplier, vendor.
2. Procedure(s) will be reviewed by the contractor and/or the customer as applicable.
3. Shall be available for surveillance by the customer or contractor local representative.
4. Contractor format acceptable.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Establish organizational responsibilities
2. Definition of policies, requirements, and operating procedures related to the control of changes.
3. Title sheet to contain
 - a. Procedure title
 - b. Procedure number
 - c. Issue date
 - d. Responsible organization title.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

(CHANGE CONTROL PROCEDURES)

REPRESENTATIVE OUTLINE OF CONTENTS

1. Scope
2. Policy
3. Procedure
4. Responsibility
5. Requirements

GE EXHIBIT DRD CM-028

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-028
TITLE OF DOCUMENT: PROCEDURE, CONFIGURATION CONTROL (ADMINISTRATIVE)				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: To be determined	
USE OF DOCUMENT: Used to prescribe the procedures, reporting, etc. for administering configuration control board activities.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-028, Manual, Configuration Management Procedures				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED One time		PUBLICATION DATE: SDR	
						UPDATE (FREQUENCY OR MILESTONE): As required	
CLASSIFICATION: ☐ SECRET ☐ GROUP 1 ☐ SPECIAL HANDLING ☐ CONFIDENTIAL ☐ GROUP 2 ☐ NASA DISCREET ☐ SECRET RESTRICTED DATA ☐ GROUP 3 ☐ JPL DISCREET ☐ CONFIDENTIAL RESTRICTED DATA ☐ GROUP 4 ☐ PROJECT DISCREET ☒ UNCLASSIFIED ☐ PROPRIETARY ☐ PROJECT DISCREET ☐ PUBLIC DOMAIN ☐ NOFORN						ESTIMATED EXPIRATION DATE:	
FORM OF DATA: KIND OF DATA: ☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☐ LIST ☐ DRAWING ☐ CATALOG ☐ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ORDER ☐ PLAN ☐ COMPUTER CARD ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ REGULATION ☐ COMPUTER TAPE ☐ ENGINEERING CHANGE PROPOSAL ☐ REPORT ☐ MICROFILM (W/OR W/O CARD) ☐ ENGINEERING CHANGE PROPOSAL ☐ SCHEDULE ☐ OTHER ☐ PROPOSAL ☐ SPECIFICATION ☐ HANDBOOK ☐ STANDARD ☐ INDEX ☐ VOUCHER				REFERENCE DOCUMENTS: None			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY			
SUBMIT FOR APPROVAL TO:		BY		BY			
Manager, Configuration Management							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

CM-028

SPECIAL INSTRUCTIONS:

1. Each contractor, subcontractor, vendor and supplier will prepare and submit a procedure.
2. Procedure will be compatible with overall Voyager project requirements.
3. System contractor will audit conformance to procedure.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Establishes meeting times
2. Agenda preparation and distribution
3. Meeting procedures
4. Problem solving methods
5. Proposed change submittal methods and timing
6. Change distribution requirements
7. Report preparation and distribution requirements
8. Responsible organization
9. Contractor's name and FSCM

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-029

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-029
PROCEDURE, CONFIGURATION MANAGEMENT DATA PROCESSING				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: 50	
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
USE OF DOCUMENT: Used to prescribe techniques, flow, format, and responsibilities for the data processing of configuration management elements used in lists, reports, etc.				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE:		PUBLICATION DATE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-011 List, Indented Breakdown of Parts CM-013 List, "As Built" Parts Usage CM-014 List, Drawings CM-036 Record, Drawing Release and Status				☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☒ DAILY ☒ OTHERWISE, AS SPECIFIED One time		UPDATE (FREQUENCY OR MILESTONE): As required	
						ESTIMATED EXPIRATION DATE:	
CLASSIFICATION: ☐ SECRET ☐ GROUP 1 ☐ CONFIDENTIAL ☐ GROUP 2 ☐ SECRET RESTRICTED DATA ☐ GROUP 3 ☐ CONFIDENTIAL RESTRICTED DATA ☐ GROUP 4 ☒ UNCLASSIFIED ☐ PROPRIETARY ☐ SPECIAL HANDLING ☐ PUBLIC DOMAIN ☐ NASA DISCREET ☐ PROJECT DISCREET ☐ NOFORN							
FORM OF DATA: KIND OF DATA: ☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☐ LIST ☐ DRAWING ☐ CATALOG ☐ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ORDER ☒ PROCEDURE ☐ COMPUTER CARD ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ REGULATION ☐ MICROFILM (W/OR W/O CARD) ☐ ENGINEERING CHANGE PROPOSAL ☐ REPORT ☐ OTHER ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER				REFERENCE DOCUMENTS: None			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO: _____		_____		_____		_____	
_____ BY _____		_____		_____ BY _____		_____	
_____		_____		_____		_____	
SUBMIT FOR APPROVAL TO: _____		_____ BY _____		_____ BY _____		_____	
Manager, Configuration Management							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
029

1. Procedure to be prepared by each contractor.
2. Procedure to be consistent with customer requirements.
3. Procedures of subcontractor, suppliers and vendors to be reviewed and approved by system contractors for compatibility to overall data processing (DP) system.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Establish organizational input responsibilities
2. Establish data flow
3. Establish punched card formats
4. Establish DP input requirements and format
5. Establish output formats to meet user requirements
6. Title sheet to contain
 - a. Title
 - b. Number
 - c. Issue date
 - d. Responsible organization
 - e. Company name and FSCM

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

1. Scope
2. Policies
3. Responsibilities
4. Procedures
 - 4.1 Input
 - 4.1.1 Content
 - 4.1.2 Format
 - 4.1.3 Timing
 - 4.1.4 Processing
 - 4.2 Output
 - 4.2.1 Content
 - 4.2.2 Format
 - 4.2.3 Timing
 - 4.2.4 Processing
 - 4.2.5 Distribution

GE EXHIBIT DRD CM-030

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-030
TITLE OF DOCUMENT: PROCEDURE, CONFIGURATION MANAGEMENT REVIEWS				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRD ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: To be determined	
USE OF DOCUMENT: Used to establish procedures for convening conducting, accumulating technical material, and reporting configuration management reviews such as PDR, CDR, FACI.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-026, Plan, Configuration Management				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED One time		PUBLICATION DATE: SDR	
						UPDATE (FREQUENCY OR MILESTONE): As required	
CLASSIFICATION:				ESTIMATED EXPIRATION DATE:			
☐ SECRET ☐ GROUP 1 ☐ CONFIDENTIAL ☐ GROUP 2 ☐ SECRET RESTRICTED DATA ☐ GROUP 3 ☐ CONFIDENTIAL RESTRICTED DATA ☐ GROUP 4 ☒ UNCLASSIFIED ☐ PROPRIETARY ☐ PUBLIC DOMAIN ☐ SPECIAL HANDLING ☐ NOFORN ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET							
FORM OF DATA:				REFERENCE DOCUMENTS:			
KIND OF DATA: ☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☐ LIST ☐ DRAWING ☐ CATALOG ☐ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ☐ PLAN ☐ COMPUTER CARD ORDER ☒ PROCEDURE ☐ COMPUTER TAPE ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ REGULATION ☐ MICROFILM (W/OR W/O CARD) ☐ ENGINEERING CHANGE PROPOSAL ☐ REPORT ☐ OTHER ☐ ENGINEERING CHANGE PROPOSAL ☐ SCHEDULE ☐ HANDBOOK ☐ SPECIFICATION ☐ INDEX ☐ STANDARD ☐ VOUCHER				Configuration Management Manual, CM001BB001-1B			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO: _____		_____		_____		_____	
_____		_____		_____		_____	
BY _____		_____		_____		BY _____	
_____		_____		_____		_____	
_____		_____		_____		_____	
SUBMIT FOR APPROVAL TO: _____		_____		_____		_____	
_____		_____		_____		_____	
BY _____		_____		_____		BY _____	
_____		_____		_____		_____	
_____		_____		_____		_____	
Manager, Configuration Management		_____		_____		_____	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
030

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS: This procedure to include but not limited to the following:

1. Responsibility for review arrangements i.e., invitations, agenda, facilities, material and data package accumulation.
2. Review procedures.
3. Responsibility for review report and its contents.
4. Responsibility for follow-up actions on review report.
5. Responsibility for accumulating data package to be used at review.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-031

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:	CONTRACT NO.:	DRD NO.:
	CM			A. W. Morris	7/28/67		CM-031
TITLE OF DOCUMENT: PROCEDURE, ENGINEERING CONFIGURATION IDENTIFICATION DOCUMENT RELEASE SYSTEM				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:
				Configuration Management			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
USE OF DOCUMENT: Used to prescribe the requirements, practices, procedures and responsibilities for the release production, reproduction, and dissemination of data.				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:	
						50	
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-029, Procedure, Configuration Management Data Processing CM-036, Record, Drawing Release and Status				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE:		PUBLICATION DATE:	
CLASSIFICATION: ☐ SECRET ☐ GROUP 1 ☐ SPECIAL HANDLING ☐ CONFIDENTIAL ☐ GROUP 2 ☐ NASA DISCREET ☐ SECRET RESTRICTED DATA ☐ GROUP 3 ☐ JPL DISCREET ☐ CONFIDENTIAL RESTRICTED DATA ☐ GROUP 4 ☐ PROPRIETARY ☐ PROJECT DISCREET ☒ UNCLASSIFIED ☐ PUBLIC DOMAIN ☐ NOFORN				☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED One time		UPDATE (FREQUENCY OR MILESTONE): As required	
						ESTIMATED EXPIRATION DATE:	
FORM OF DATA: KIND OF DATA: ☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☐ LIST ☐ DRAWING ☐ CATALOG ☐ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ☐ PLAN ☐ COMPUTER CARD ORDER ☒ PROCEDURE ☐ COMPUTER TAPE ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ REGULATION ☐ MICROFILM (W/OR W/O CARD) ☐ ENGINEERING CHANGE PROPOSAL ☐ REPORT ☐ OTHER ☐ HANDBOOK ☐ SCHEDULE ☐ INDEX ☐ STANDARD ☐ VOUCHER				REFERENCE DOCUMENTS: CM001BB001-1B Exhibit XII, Configuration Management Manual			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO: _____		_____		_____		_____	
_____ BY _____		_____		_____ BY _____		_____	
_____		_____		_____		_____	
_____		_____		_____		_____	
SUBMIT FOR APPROVAL TO: _____		_____ BY _____		_____ BY _____		_____	
_____		_____		_____		_____	
Manager, Configuration Management							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

CM-031

SPECIAL INSTRUCTIONS:

1. Procedures to be prepared by each contractor, subcontractor, supplier and vendor.
2. Procedure will be reviewed by the contractor and/or customer as applicable.
3. Shall be available for surveillance by the customer or contractor local representative.
Contractor format acceptable.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Establish organizational responsibilities
2. Establish requirements the document must fulfill for release.
3. Establish data flow from creation through dissemination.
4. Establish format and content of release documentation.
5. Title sheet to contain
 - a. Title of procedure
 - b. Number
 - c. Issue date
 - d. Responsible organization title
 - e. Company name and FSCM

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

ATTACHMENT

REPRESENTATIVE OUTLINE OF CONTENTS

1. Scope
2. Policy
3. Procedure
4. Responsibility
5. Requirements

GE EXHIBIT DRD CM-032

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:
		CM			A. W. Morris	7/28/67			CM-032
TITLE OF DOCUMENT: INSTRUCTION, CHANGE DOCUMENT PREPARATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:
					Configuration Management				
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:		
USE OF DOCUMENT: Used to provide instruction in the preparation of change documents.							50		
					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001, Engineering Change Proposal (ECP) CM-003, Change Notice CM-027, Procedure, Change Control CM-033, Instruction, Change Submittal & Approval CM-045, Request, Design Change					FREQUENCY OF ISSUE:		PUBLICATION DATE:		
					☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☒ DAILY ☒ OTHERWISE, AS SPECIFIED		SDR		
					One time		UPDATE (FREQUENCY OR MILESTONE): As required		
CLASSIFICATION:					ESTIMATED EXPIRATION DATE:				
☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED					☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN		
FORM OF DATA:					REFERENCE DOCUMENTS:				
☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER					CM001BB001-1B Exhibits VIII and IX, Configuration Management Manual Air Force Bulletin ANA445				
KIND OF DATA:					APPLICABLE STANDARDS:				
☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX					☒ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER				
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
DRAFT DATE PREPUBLICATION PROOF DATE									
SUBMIT FOR REVIEW TO: _____ BY _____									
SUBMIT FOR APPROVAL TO: _____ BY _____									
Manager, Configuration Management									

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

CM-032

1. Engineering change proposal format per ANA445.
2. Change notices may be contractor, subcontractor, etc. format.
3. Subcontractor, etc., procedures will be reviewed and monitored by system contractor.
4. Local format acceptable.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Description of content and meaning of each block entry.
2. Responsibility for entering each block.
3. Title sheet to contain:
 - a. Number
 - b. Title
 - c. Date of issue
 - d. Responsible organization
 - e. Company name and FSCM

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-033

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:
		CM			A. W. Morris	7/28/67			CM-033
TITLE OF DOCUMENT: INSTRUCTION, CHANGE SUBMITTAL AND APPROVAL					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:
					Configuration Management				
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:		
USE OF DOCUMENT: Used to prescribe approvals required and processing flow for change documentation							50		
					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001, Engineering Change Proposal (ECP) CM-002, Specification Change Notice (SCN) CM-003, Change Notice CM-032, Instruction, Change Documentation Preparation CM-045, Request, Design Change Control Procedure					FREQUENCY OF ISSUE:		PUBLICATION DATE:		
					☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED		SDR		
							UPDATE (FREQUENCY OR MILESTONE):		
CLASSIFICATION:							As required		
☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED					☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		ESTIMATED EXPIRATION DATE:		
					☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN				
FORM OF DATA:					REFERENCE DOCUMENTS:				
KIND OF DATA:					Air Force Bulletin ANA 445 CM001BB001-1B Exhibits VIII and IX, Configuration Management Manual				
☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER					☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX				
					☒ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER				
APPLICABLE STANDARDS:									
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
DRAFT DATE PREPUBLICATION PROOF DATE									
SUBMIT FOR REVIEW TO: _____ BY _____									
SUBMIT FOR APPROVAL TO: _____ BY _____									
Manager, Configuration Management									

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
033

1. To be prepared by each contractor, subcontractor, supplier, vendor.
2. Local format acceptable.
3. To be available for review and audit by systems contractor or JPL as applicable.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Provide names and organization whose approvals are required for release of a change document per kind of document being changed. (i.e., drawings, specifications, procedures, etc.)
2. Provide change document flow from preparation to dissemination showing responsibilities decision points, etc.
3. Title sheet to contain:
 - a. Number
 - b. Name
 - c. Issue date
 - d. Responsible organization
 - e. Company name and FSCM

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-034

VOYAGER DATA REQUIREMENT DESCRIPTION					DRD APPROVED BY:		DATE:		DATA CATEGORY:					
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:		DATE:		CONTRACT NO.:	DRD NO.:				
		CM			A. W. Morris		7/28/67			CM-034				
TITLE OF DOCUMENT: CHART, CONFIGURATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRL ITEM NO.:					
					Configuration Management									
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:					
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:					
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:							
USE OF DOCUMENT: Used to identify which specification change notices are incorporated at each specification revision.					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:							
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-002 Specification Change Notice (SCN) SE-010, Contract End Item (CEI) Detail Specification (Prime Equipment) Part I (Requirements) SE-011, Contract End Item (CEI) Detail Specification (Prime Equipment) Part II					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:							
					FREQUENCY OF ISSUE:		PUBLICATION DATE:							
					☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED As required		UPDATE (FREQUENCY OR MILESTONE): With revised spec thru launch		ESTIMATED EXPIRATION DATE:					
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED					☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN					☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN				
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER					KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX					☐ INSTRUCTION ☐ LETTER ☐ LIST ☒ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER				
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)					REFERENCE DOCUMENTS:									
					CM001BB001-1B Exhibit VII Paragraph 6.4 and sample format "D," Configuration Management Manual Local Procedures									
					APPLICABLE STANDARDS:									
SUBMIT FOR REVIEW TO: _____					DATE _____									
BY _____					PREPUBLICATION PROOF _____									
SUBMIT FOR APPROVAL TO: _____					DATE _____									
BY _____					BY _____									
Manager, Configuration Management														

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-034

A configuration chart shall be prepared for each specification.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

The configuration chart is updated concurrently with each total revision to a specification and distributed with the revised specification.

Note: The old specification change log will be discarded and a new one started.

OUTLINE OF CONTENTS:

1. Specification number and date of issue
2. Superseding date
3. Revision symbol and ECP's incorporated per revision.
4. Date of specification revision
5. Serial number effectivity of ECP

Note: Configuration chart will be maintained as a continuous record.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-034

(CONTRACTOR'S NAME)

DATE _____

SUPERSEDES
DATE _____

CONFIGURATION CHART

SPEC. NO. _____

SPEC. TITLE _____

DATE OF ISSUE _____

REVISION SYMBOL AND DATE OF REVISION	INCORPORATED ECP NUMBERS	PRODUCTION SERIAL NUMBER EFFECTIVITY

REPRESENTATIVE FORMAT AND CONTENT

GE EXHIBIT DRD CM-035

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A. W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-035
TITLE OF DOCUMENT: RECORD, DRAWING APPROVAL				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Data Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: 25	
USE OF DOCUMENT: Used to schedule approval dates and monitor progress against schedule. Used to record who has/has not approved. Used to establish baseline (CDR, FACI)				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☒ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED Or on request		PUBLICATION DATE: HDR UPDATE (FREQUENCY OR MILESTONE): Kept current ESTIMATED EXPIRATION DATE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-036, Records, Drawing Release and Status SE-056, Drawings (Category A) for Design Evaluation SE-057, Drawings (Category B) for Interface Control SE-058, Drawings (Category C) for Test				CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED ☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN ☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN			
FORM OF DATA: KIND OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX ☐ INSTRUCTION ☐ LETTER ☒ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER				REFERENCE DOCUMENTS: None			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
		DRAFT	DATE	PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		_____	_____	_____		_____	
		_____	_____	_____		_____	
		BY	_____			BY	_____
		_____	_____	_____		_____	
		_____	_____	_____		_____	
SUBMIT FOR APPROVAL TO:		_____	_____	_____		_____	
		_____	_____	_____		_____	
		BY	_____			BY	_____
		_____	_____	_____		_____	
		_____	_____	_____		_____	
		<u>Manager, Configuration Management</u>					

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-035

Shall be maintained by each system contractor, subcontractor, vendor and supplier.
Shall be supplied to system contractor and the customer upon request.
Shall be prepared in drawing number sequence.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

No distribution except on request.

OUTLINE OF CONTENTS:

1. Drawing number
2. Required functional organization approval codes, i.e.:
 - a. Design engineering
 - b. Vibration
 - c. Stress
 - d. Thermal
 - e. Reliability
 - f. Quality assurance
 - g. Manufacturing engineering
 - h. EMI
 - i. Customer
3. Due date for each code
4. Approved date for each code
5. Date of list issue
6. Contractor name and FSCM number

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-036

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:
		CM			A. W. Morris	7/28/67			CM-036
TITLE OF DOCUMENT:					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:
RECORD, DRAWING RELEASE AND STATUS					Data Management				
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:		
USE OF DOCUMENT: 1. To assure that drawing numbers are not duplicated. 2. To record and make available change notice and revision symbol assignment. 3. Record drawing release and status information.							None		
					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-009 List, "As Designed" Parts Usage CM-011 List, Indented Breakdown of Parts CM-014 Index, Drawing SE-056 Drawings (Category A) for Design Evaluation SE-057 Drawings (Category B) for Interface Control					FREQUENCY OF ISSUE:		PUBLICATION DATE:		
					☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED One time		SDR		
							UPDATE (FREQUENCY OR MILESTONE): Kept current		
CLASSIFICATION:							ESTIMATED EXPIRATION DATE:		
☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED					☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN				
☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN									
FORM OF DATA:					REFERENCE DOCUMENTS:				
KIND OF DATA:					1. Numbering and coding of engineering drawings and associated lists and documents, MIL-STD-130.				
☐ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☒ OTHER Record card					2. Configuration Management Manual CM001BB001-1B, Exhibit XII				
☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX					☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☐ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER				
APPLICABLE STANDARDS:									
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
DRAFT DATE PREPUBLICATION PROOF DATE									
SUBMIT FOR REVIEW TO: _____									
BY _____									
SUBMIT FOR APPROVAL TO: _____									
BY _____									
Manager, Configuration Management									

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:
CM-
036

SPECIAL INSTRUCTIONS:

1. A record card (or equivalent) shall be prepared and maintained for each drawing and associated list by contractors, subcontractors, suppliers and vendors.
2. Recorded information to be provided upon request and made available for audit by local customer and/or GE representative.
3. Information to be recorded at drawing release and maintained during subsequent actions.
4. Drawing numbers and change notice numbers shall be controlled.
5. Duplicate numbers shall not be assigned.
6. Drawing numbers to be provided by drawing originator unless otherwise instructed.
7. Drawing numbers shall conform to MIL-STD-31.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

No distribution required. Log to be available for routine surveillance.

OUTLINE OF CONTENTS:

1. Drawing number (including parts list (PL), drawing list (DL), etc., where applicable).
2. Drawing title
3. FSCM number
4. Drawing size
5. Number of sheets
6. Date of release/issue
7. Type of drawing (i.e., assembly, detail, diagram, etc.)
8. Change notice number assigned, to whom and date
9. Revision symbol assigned to whom and date
10. Change notice numbers incorporated, date of incorporation, and related revision symbol.
11. Revision release date
12. Responsible operation code
13. Draftsman's name
14. Next higher assembly(s) number
15. CEI number(s) where installed
16. Security classification
17. Approved by (code), date for each

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

(CONTRACTOR'S NAME) (FSCM)
DRAWING RELEASE AND STATUS RECORD

SIZE	DWG. NUMBER	TITLE	
NO. OF SHEETS	DWG. TYPE	SECURITY CLASS	CEI NO. (S)
NEXT HIGHER ASSY NO.	DRAFTSMAN'S NAME		OPER. CODE
RELEASE/ISSUE DATE	APPROVED BY (CODES) DATE		

[illegible]

REPRESENTATIVE DRAWING AND RELEASE RECORD CARD

GE EXHIBIT DRD CM-037

VOYAGER DATA REQUIREMENT DESCRIPTION						DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:		CODE:	DRD PREPARED BY:		DATE:		CONTRACT NO.:	DRD NO.:
		CM				A. W. Morris		7/28/67			CM-037
TITLE OF DOCUMENT: RECORD, INSTALLATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRL ITEM NO.:	
						Quality Assurance					
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:	
						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:	
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION											
USE OF DOCUMENT: Used to record the installation of serial numbered items for traceability purposes.						ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:			
								As required			
						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:			
						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:			
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-012 List, "As Built" Indented Configuration CM-013 List, "As Built" Parts Usage						FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☒ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: CDR		UPDATE (FREQUENCY OR MILESTONE): Kept current thru MAR	
CLASSIFICATION: ☐ SECRET ☐ GROUP 1 ☐ CONFIDENTIAL ☐ GROUP 2 ☐ SECRET RESTRICTED DATA ☐ GROUP 3 ☐ CONFIDENTIAL RESTRICTED DATA ☐ GROUP 4 ☒ UNCLASSIFIED ☐ PROPRIETARY ☐ PUBLIC DOMAIN ☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN								ESTIMATED EXPIRATION DATE:			
FORM OF DATA: KIND OF DATA: ☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☐ LIST ☐ DRAWING ☐ CATALOG ☒ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ORDER ☐ PLAN ☐ COMPUTER CARD ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ PROCEDURE ☐ COMPUTER TAPE ☐ ENGINEERING CHANGE PROPOSAL ☐ REGULATION ☐ MICROFILM (W/OR W/O CARD) ☐ SCHEDULE ☐ OTHER ☐ SPECIFICATION _____ _____ ☐ STANDARD _____ ☐ VOUCHER						REFERENCE DOCUMENTS: None					
						APPLICABLE STANDARDS:					
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)											
SUBMIT FOR REVIEW TO: _____				DRAFT		DATE		PREPUBLICATION PROOF		DATE	
_____ BY _____				_____		_____		_____ BY _____		_____	
_____ BY _____				_____		_____		_____ BY _____		_____	
SUBMIT FOR APPROVAL TO: _____				_____		_____		_____ BY _____		_____	
Manager, Quality Assurance				_____		_____		_____ BY _____		_____	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-
037

1. Printouts to be produced in alphanumerical sequence by item identification number (part number).
2. Records shall be maintained by each contractor, subcontractor, and supplier as applicable.
3. Applies only to serial numbered items.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

To be available for routine surveillance by local GE and/or JPL representative.

Copies to be provided on request.

OUTLINE OF CONTENTS:

1. Each line item shall contain:
 - a. Item identification
 - b. Item serial number
 - c. Where installed identification number
 - d. Where installed serial number
 - e. CEI number where installed
 - f. Date of installation
 - g. If discarded, date of discard

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION						DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: CM		OFFICE RESPONSIBLE FOR DRD: CODE:		DRD PREPARED BY: A. W. Morris		DATE: 7/28/67		CONTRACT NO.: DRD NO.: CM-038	
TITLE OF DOCUMENT: REPORT, CHANGE APPROVED/CHANGE HELD						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:		DRL ITEM NO.:	
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:	
						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:	
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: To be determined			
USE OF DOCUMENT: Used to provide visibility of change control activity and provide interested functions with a list of approved/held change document.						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:			
						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:			
						FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☒ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR		UPDATE (FREQUENCY OR MILESTONE): Not applicable	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001, Engineering Change Proposal (ECP) CM-002, Specification Change Notice (SCN) CM-003, Change Notice CM-039, Report, Configuration Management Activity CM-045, Request, Design Change								ESTIMATED EXPIRATION DATE:			
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED						☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN			
FORM OF DATA: KIND OF DATA: ☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☐ LIST ☐ DRAWING ☐ CATALOG ☐ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ORDER ☐ PLAN ☐ COMPUTER CARD ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ PROCEDURE ☐ COMPUTER TAPE ☐ ENGINEERING CHANGE PROPOSAL ☒ REPORT ☐ MICROFILM (W/OR W/O CARD) ☐ ENGINEERING CHANGE PROPOSAL ☐ SCHEDULE ☐ OTHER ☐ HANDBOOK ☐ SPECIFICATION ☐ INDEX ☐ STANDARD ☐ VOUCHER						REFERENCE DOCUMENTS: None					
						APPLICABLE STANDARDS:					
						REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)					
SUBMIT FOR REVIEW TO: _____ DATE _____ PREPUBLICATION PROOF _____ DATE _____											
BY _____ BY _____											
SUBMIT FOR APPROVAL TO: _____ DATE _____ PREPUBLICATION PROOF _____ DATE _____											
BY _____ BY _____											
Manager, Configuration Management											

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:
CM-
038

SPECIAL INSTRUCTIONS:

1. Presented by change notice/request number in alpha-numeric sequence.
2. Cut off date for monthly report to be last Friday of each calendar month.
3. Daily reports to be consolidated into weekly reports, weekly reports to be consolidated into monthly reports.
4. To be provided by subcontractor, supplier, vendor to system contractor.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Change notice number.
2. Nomenclature of item for which change/request was written
3. Next higher assembly number (if applicable)
4. Date of release of report
5. Change notice/request approval date
6. Class of change
7. Design change request number
8. Contractor name and FSCM making report
9. If held, basic reason for hold
10. If held, projected approval date

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-039

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:	CONTRACT NO.:	DRD NO.:
	CM			A. W. Morris	7/28/67		CM-039
TITLE OF DOCUMENT: REPORT, CONFIGURATION MANAGEMENT ACTIVITY				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: To be determined	
USE OF DOCUMENT: Used to record and monitor configuration management activities.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-003, Change Notice CM-040, Report, Configuration Management Audit CM-045, Request, Design, Change				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☒ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR	
						UPDATE (FREQUENCY OR MILESTONE): Not applicable	
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN	
FORM OF DATA:				REFERENCE DOCUMENTS:			
KIND OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				None			
KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX				APPLICABLE STANDARDS: 			
KIND OF DATA: ☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☒ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER							
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY			
SUBMIT FOR APPROVAL TO:		BY		BY			
Manager, Configuration Management							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:
CM-
039

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Change requests submitted, approved/rejected, held
2. Change notices submitted, approved/rejected, held
3. ECP's prepared, submitted, approved/rejected, held
4. SCN's submitted, approved/rejected, held
5. Total number of CCB meetings/monthly
6. Meeting hours per month

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-040

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:				
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: CM	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: A.W. Morris	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: CM-040				
TITLE OF DOCUMENT: REPORT, CONFIGURATION MANAGEMENT AUDIT				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Configuration Management		TASK OR SUBTASK:	DRL ITEM NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: To be determined					
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:					
USE OF DOCUMENT: Used to monitor conformance to configuration management requirements, procedures.				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:					
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-039, Report, Configuration Management Activity				FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☒ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR					
				UPDATE (FREQUENCY OR MILESTONE): Not applicable		ESTIMATED EXPIRATION DATE:					
				CLASSIFICATION:		GROUP 1		SPECIAL HANDLING			
				☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED		☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN			
FORM OF DATA:				REFERENCE DOCUMENTS:							
KIND OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX				☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☒ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER			
APPLICABLE STANDARDS:				None							
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)											
SUBMIT FOR REVIEW TO:		DRAFT		DATE		PREPUBLICATION PROOF					
BY		DATE		DATE		DATE					
SUBMIT FOR APPROVAL TO:		BY		DATE		DATE					
BY		DATE		DATE		DATE					
Manager, Configuration Management											

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
CM-040

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Number of documents rejected because of quality
2. Accuracy of data processing (DP) inputs/outputs
3. Timeliness of lists, reports, etc.
4. Adequacy of procedures
5. Conformance to procedures

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-041

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:						
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:					
		CM			A. W. Morris	7/28/67			CM-041					
TITLE OF DOCUMENT: REPORT, CONTRACT DOCUMENT STATUS					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRL ITEM NO.:					
					Contracts									
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:					
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:					
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: To be determined							
USE OF DOCUMENT: Used to provide visibility and status of the contractual documentation required to authorize the accomplishment of approved ECP's.					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:							
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001 Engineering Change Proposal (ECP) CM-020 Log, Contract End Item Assignment Number					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:							
					FREQUENCY OF ISSUE:		PUBLICATION DATE:							
					☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☒ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		PDR UPDATE (FREQUENCY OR MILESTONE): Monthly ESTIMATED EXPIRATION DATE:							
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED					☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN							
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER					KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX					☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☒ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER				
REFERENCE DOCUMENTS: CM 001BB001-1B Exhibit XV, Figure 7, Configuration Management Manual					APPLICABLE STANDARDS:									
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)														
DRAFT DATE PREPUBLICATION PROOF DATE														
SUBMIT FOR REVIEW TO: _____ BY _____														
SUBMIT FOR APPROVAL TO: _____ BY _____														
Manager, Configuration Management														

GE EXHIBIT DRD CM-041

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

CM-041

1. Applies only after delivery of CEI to customer
2. Report shall be report on a CEI level basis.
3. Where a consolidated CEI contract status report is produced it shall be given in CEI number sequence.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. CEI number
2. Federal supply code
3. CEI identification number
4. ECP number
5. ECP approval date
6. Quantity of items to be modified
7. Number of CCN, etc. authorizing engineering effort
8. Number of CCN, etc. authorizing TCTO preparation
9. Number of CCN, etc. authorizing Mod. kit procurement
10. Quantity of kits authorized
11. Number of CCN, etc. authorizing modification of CEI
12. Number of CCN, etc. authorizing mod. kits for spares
13. Number of CCN, etc. authorizing spares modification
14. Number of CCN, etc. authorizing updating of technical publications
15. Symbol signifying contractor receipt of all contract authorizations
16. Date of report
17. Name and FSCM of contractor making report

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-042

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:	CONTRACT NO.:	DRD NO.:
	CM			A. W. Morris	7/28/67		CM-042
TITLE OF DOCUMENT: REPORT, HARDWARE STATUS				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRD ITEM NO.:
				Manufacturing			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:	
USE OF DOCUMENT: Used to assist in change effectivity determination and material disposition.						10-20	
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001 Engineering Change Proposal (ECP) Change document preparation, submittal and approval procedures CM-002 Specification Change Notice CM-003 Change Notice				FREQUENCY OF ISSUE:		PUBLICATION DATE:	
				☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☒ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		CDR	
						UPDATE (FREQUENCY OR MILESTONE): Kept current	
CLASSIFICATION:				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN	
☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED							
FORM OF DATA:				KIND OF DATA:			
☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER				☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX			
				☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☒ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER			
				REFERENCE DOCUMENTS: None			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:							
		BY				BY	
SUBMIT FOR APPROVAL TO:		BY				BY	
Manager, Manufacturing							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

CM-042

Report to list status in part number sequence and shall include serial number and contract end item where applicable.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Status information (by serial number, part number, contract end item numbers) shall include:
 - a. Number completed
 - b. Number in bonded stock
 - c. Number installed
 - d. Number shipped
 - e. Number in process
 - (1) Percent complete
 - f. Number on order
2. Header to contain:
 - a. Date
 - b. Preparer (FSCM)

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-043

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:	CONTRACT NO.:	DRD NO.:
	CM			A. W. Morris	7/28/67		CM-043
TITLE OF DOCUMENT: REPORT, SPARES STATUS (CONTRACT END ITEM)				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:
				Manufacturing			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☐ ACTION ☐ REFERENCE ☒ INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
USE OF DOCUMENT: Used to monitor the incorporation of approved ECP's into CEI spares.				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: To be determined	
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001 Engineering Change Proposal (ECP) LS-025 Report, Modification Kit Status				FREQUENCY OF ISSUE:		PUBLICATION DATE:	
				☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☒ DAILY ☒ OTHERWISE, AS SPECIFIED To be determined		FACI	
						UPDATE (FREQUENCY OR MILESTONE): Monthly thru launch	
CLASSIFICATION:				ESTIMATED COST (\$)		ESTIMATED EXPIRATION DATE:	
☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED				☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN	
FORM OF DATA:				REFERENCE DOCUMENTS:			
KIND OF DATA: ☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☐ LIST ☐ DRAWING ☐ CATALOG ☐ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ORDER ☐ PLAN ☐ COMPUTER CARD ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ PROCEDURE ☐ COMPUTER TAPE ☐ ENGINEERING CHANGE PROPOSAL ☐ REGULATION ☐ MICROFILM (W/OR W/O CARD) ☐ SCHEDULE ☐ OTHER ☐ SPECIFICATION ☐ HANDBOOK ☐ INDEX ☐ VOUCHER				CM001BB001-1B Exhibit XV, Figure 6 Configuration Management Manual			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:							
		BY				BY	
SUBMIT FOR APPROVAL TO:		BY				BY	
Manager, Manufacturing							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

CM-043

SPECIAL INSTRUCTIONS:

1. This report shall be prepared on a contract end item level basis.
2. Where a consolidated contract end item spares status report is produced it shall be given in contract end item number sequence.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Contract end item number
2. Federal supply code
3. Item identification number of contract end item
4. ECP number
5. Identification number of affected spare
6. New identification number of spare after change (if applicable)
7. Quantity of spares affected
8. Serial numbers of spares changed
9. Contractor's change schedule (i.e.: production, modification, complete)
10. Kit delivery schedule
11. Authorizing change notice number and date of approval
12. Date of report
13. Name and FSCM of contractor making report

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-044

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:									
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:		CODE:	DRD PREPARED BY:		DATE:	CONTRACT NO.:	DRD NO.:							
		CM				A. W. Morris		7/28/67		CM-044							
TITLE OF DOCUMENT: REPORT, UPDATING/MODIFICATION STATUS						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:							
						Manufacturing											
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:							
						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:							
TYPE OF DOCUMENT: ☒ CONTROL ☐ ACTION ☐ REFERENCE ☐ INFORMATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: To be determined									
USE OF DOCUMENT: Used to monitor and report the actual incorporation of approved ECP's						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:									
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-001, Engineering Change Proposal (ECP) LS-025, Report, Modification Kit Status						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:									
						FREQUENCY OF ISSUE:		PUBLICATION DATE:									
						☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☒ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☐ OTHERWISE, AS SPECIFIED		UPDATE (FREQUENCY OR MILESTONE): Monthly thru launch									
								ESTIMATED EXPIRATION DATE:									
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED						☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN									
FORM OF DATA: ☒ PRINTED DOCUMENT ☐ CHART ☐ DIAGRAM ☐ DRAWING ☐ FILM (STATIC OR MOTION) ☐ ILLUSTRATION ☐ MODEL ☐ RECORDING (TAPE OR DISC) ☐ COMPUTER CARD ☐ COMPUTER TAPE ☐ MICROFILM (W/OR W/O CARD) ☐ OTHER						KIND OF DATA: ☐ ABSTRACT ☐ BROCHURE ☐ BULLETIN ☐ CATALOG ☐ CONTRACT ☐ DIRECTIVE ☐ DISCLOSURE ☐ ENGINEERING CHANGE ORDER ☐ REQUEST FOR ENGINEERING CHANGE PROPOSAL ☐ ENGINEERING CHANGE PROPOSAL ☐ HANDBOOK ☐ INDEX						☐ INSTRUCTION ☐ LETTER ☐ LIST ☐ LOG ☐ MANUAL ☐ MEMORANDUM ☐ MINUTES ☐ PLAN ☐ PROCEDURE ☐ REGULATION ☒ REPORT ☐ SCHEDULE ☐ SPECIFICATION ☐ STANDARD ☐ VOUCHER					
REFERENCE DOCUMENTS: CM001BB001-1B, Exhibit XV, Figure 8 Configuration Management Manual						APPLICABLE STANDARDS:											
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)																	
DRAFT				DATE		PREPUBLICATION PROOF				DATE							
SUBMIT FOR REVIEW TO: _____				_____		_____				_____							
_____				BY _____		_____				BY _____							
_____				_____		_____				_____							
_____				_____		_____				_____							
SUBMIT FOR APPROVAL TO: _____				BY _____		_____				BY _____							
_____				_____		_____				_____							
Manager, Configuration Management				_____		_____				_____							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

CM-044

1. Prepared on a CEI level basis
2. Where a consolidated CEI report is produced it shall be given in CEI number sequence.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. CEI number
2. Federal supply code
3. CEI part number
4. ECP number
5. Location of CEI (production, depot, stock, field, etc.)
6. Serial number of CEI
7. New CEI part number (if required)
8. Type of ECP
9. Mod kit schedules
10. Date of report
11. Name and FSCM of contractor making report

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD CM-045

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:
		CM			A. W. Morris	7/28/67			CM-045
TITLE OF DOCUMENT: REQUEST, DESIGN CHANGE					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:
					System Engineering				
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:
TYPE OF DOCUMENT: ☐ CONTROL ☒ ACTION ☐ REFERENCE ☐ INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:		
USE OF DOCUMENT: Used by any organization to request that a change in the design of any level of equipment be considered and approved prior to any redesign activity.							4		
					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: CM-003 Change Notice CM-027 Procedure, Change Control CM-032 Instruction, Change Document Preparation CM-033 Instruction, Change Submittal and Approval					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
					FREQUENCY OF ISSUE: ☐ ANNUALLY ☐ SEMI-ANNUALLY ☐ QUARTERLY ☐ BI-MONTHLY ☐ MONTHLY ☐ SEMI-MONTHLY ☐ BI-WEEKLY ☐ WEEKLY ☐ DAILY ☒ OTHERWISE, AS SPECIFIED As needed		PUBLICATION DATE: SDR		
CLASSIFICATION: ☐ SECRET ☐ CONFIDENTIAL ☐ SECRET RESTRICTED DATA ☐ CONFIDENTIAL RESTRICTED DATA ☒ UNCLASSIFIED					☐ GROUP 1 ☐ GROUP 2 ☐ GROUP 3 ☐ GROUP 4 ☐ PROPRIETARY ☐ PUBLIC DOMAIN		☐ SPECIAL HANDLING ☐ NASA DISCREET ☐ JPL DISCREET ☐ PROJECT DISCREET ☐ NOFORN		UPDATE (FREQUENCY OR MILESTONE):
									Not applicable
FORM OF DATA: KIND OF DATA: ☒ PRINTED DOCUMENT ☐ ABSTRACT ☐ INSTRUCTION ☐ CHART ☐ BROCHURE ☐ LETTER ☐ DIAGRAM ☐ BULLETIN ☐ LIST ☐ DRAWING ☐ CATALOG ☐ LOG ☐ FILM (STATIC OR MOTION) ☐ CONTRACT ☐ MANUAL ☐ ILLUSTRATION ☐ DIRECTIVE ☐ MEMORANDUM ☐ MODEL ☐ DISCLOSURE ☐ MINUTES ☐ RECORDING (TAPE OR DISC) ☐ ENGINEERING CHANGE ORDER ☐ PLAN ☐ COMPUTER CARD ☒ REQUEST ☐ PROCEDURE ☐ COMPUTER TAPE ☐ REGULATION ☐ MICROFILM (W/OR W/O CARD) ☐ REPORT ☐ OTHER ☐ SCHEDULE _____ _____ _____ ☐ ENGINEERING CHANGE PROPOSAL ☐ SPECIFICATION ☐ HANDBOOK ☐ STANDARD ☐ INDEX ☐ VOUCHER					REFERENCE DOCUMENTS: None				
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
DRAFT		DATE		PREPUBLICATION PROOF		DATE			
SUBMIT FOR REVIEW TO: _____		_____		_____		_____			
_____		_____		_____		_____			
_____ BY _____		_____		_____		_____ BY _____			
_____		_____		_____		_____			
_____		_____		_____		_____			
SUBMIT FOR APPROVAL TO: _____		_____		_____		_____			
_____		_____		_____		_____			
_____ BY _____		_____		_____		_____ BY _____			
_____		_____		_____		_____			
_____		_____		_____		_____			
Chairman, Configuration Control Board		_____		_____		_____			

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:
CM-045

SPECIAL INSTRUCTIONS:

1. Subcontractor, supplier, vendor formats are acceptable if containing at least the specified contents.
2. There shall be a minimum of four copies for each DCR.
 - a. Originator
 - b. Engineering
 - c. Record
 - d. Return to originator copy

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Request number
2. Decision needed by (date)
3. Equipment name for which change is requested
4. Document number and part number (if applicable) for which change is requested.
5. Description of requested change
6. Reason change is needed
7. Other documents/equipments affected
8. Requestor's operation code
9. Requestor by name
10. Date of request
11. Status of equipment for which change is requested (fabricated, tested, not fabricated, etc.)
12. Recommended material disposition (scrap, rework, reorder, retest, etc.)
13. Request approval/rejection (name and date)
14. Rejection reason

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD)

GE EXHIBIT DRD CM-045

(COMPANY NAME) (FSCM)
DESIGN CHANGE REQUEST

REQUEST NO. _____ REQUESTED BY _____ OPER. CODE _____ REQUEST DATE _____

ANSWER BY _____ EQUIPMENT NAME _____ DOCUMENT OR PT. NO. _____

OTHER DOCUMENTS/EQUIPMENT AFFECTED

REASON FOR CHANGE

DESCRIPTION OF CHANGE

REPRESENTATIVE FORMAT
AND
CONTENT

EQUIPMENT STATUS

- ☐ COMPLETE
- ☐ IN PROCESS
- ☐ IN TEST
- ☐ MTL ACCUMULATED
- ☐ PLANNING COMP.
- ☐ NOT STARTED

DOCUMENT STATUS

- ☐ ISSUED
- ☐ IN PROCESS
- ☐ OTHER
- ☐ NOT AFFECTED
- ☐ AN REQ'D
- ☐ ECP, SCN REQ'D

RECOMMENDED MTL. DISPOSITION

- ☐ SCRAP
- ☐ REWORK
- ☐ REORDER
- ☐ RETEST
- ☐ RECERTIFY
- ☐ USE STOCK ON HAND
- ☐ USE UNTIL NEW STOCK AVAILABLE, THEN SCRAP
- ☐ NOT AFFECTED

APPROVAL/REJECTION

COGNIZANT ENGINEER _____ DATE _____ YES _____ NO _____

CCB CHAIR. _____ DATE _____ YES _____ NO _____

REASON FOR REJECTION

DOCUMENTATION RELATIONSHIP TREES

A documentation relationship tree has been prepared to show the relationships of data items within each functional category as well as their relationships across categories.

Relationships within each functional category are shown by constructing a tier pattern beginning with the top-level (or governing) data item and relating in descending order all data items within the category to this top-level data item. (The location of a data item at a given level on the diagram does not necessarily indicate the importance of that specific item but identifies and defines its relation to all other data items in that category.)

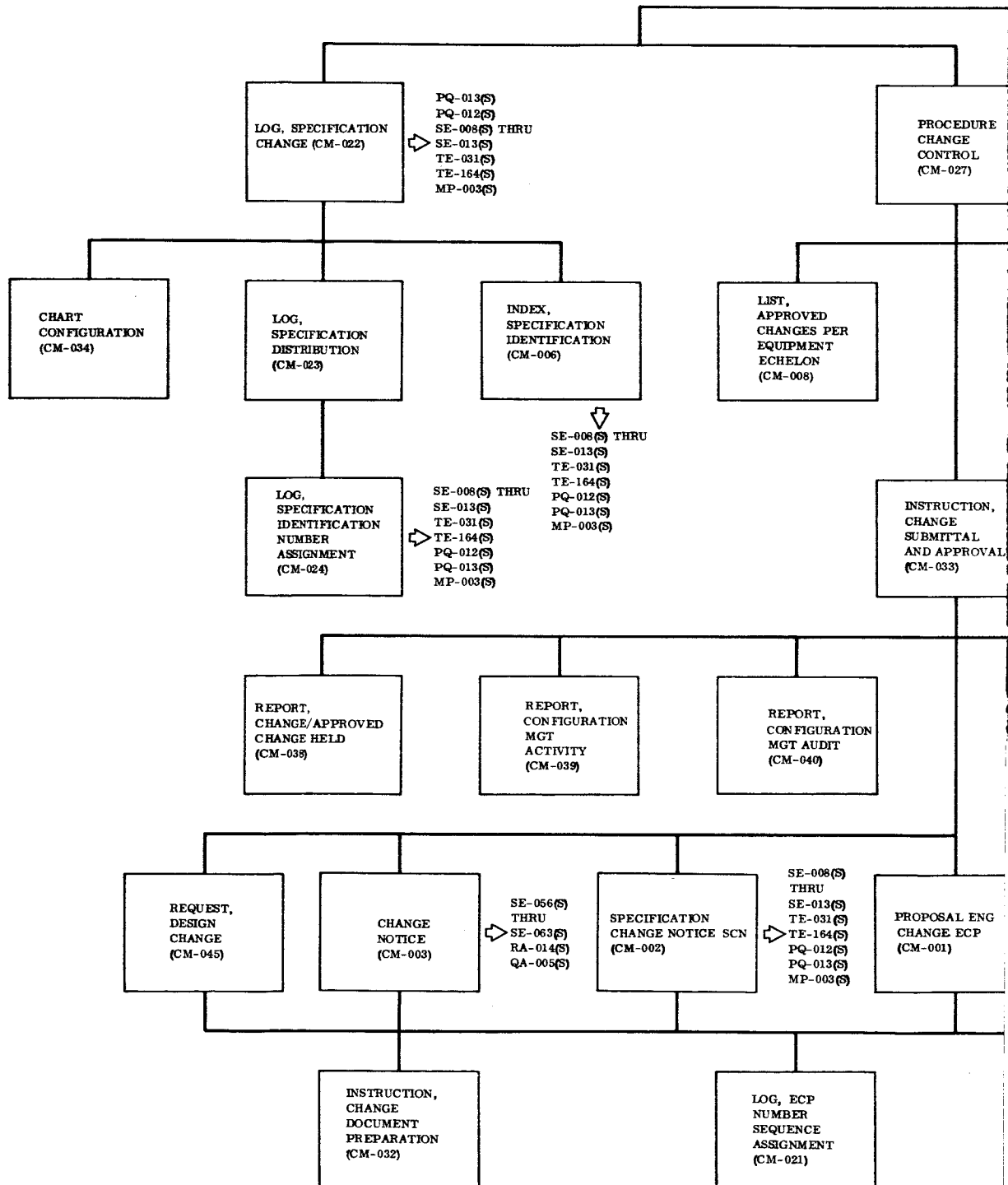
Relationships between data items in one category and data items in other functional categories are shown by (1) shaded arrows to indicate the direction of the relationship and (2) an alphabetic code to indicate the nature of the interrelationship as follows:

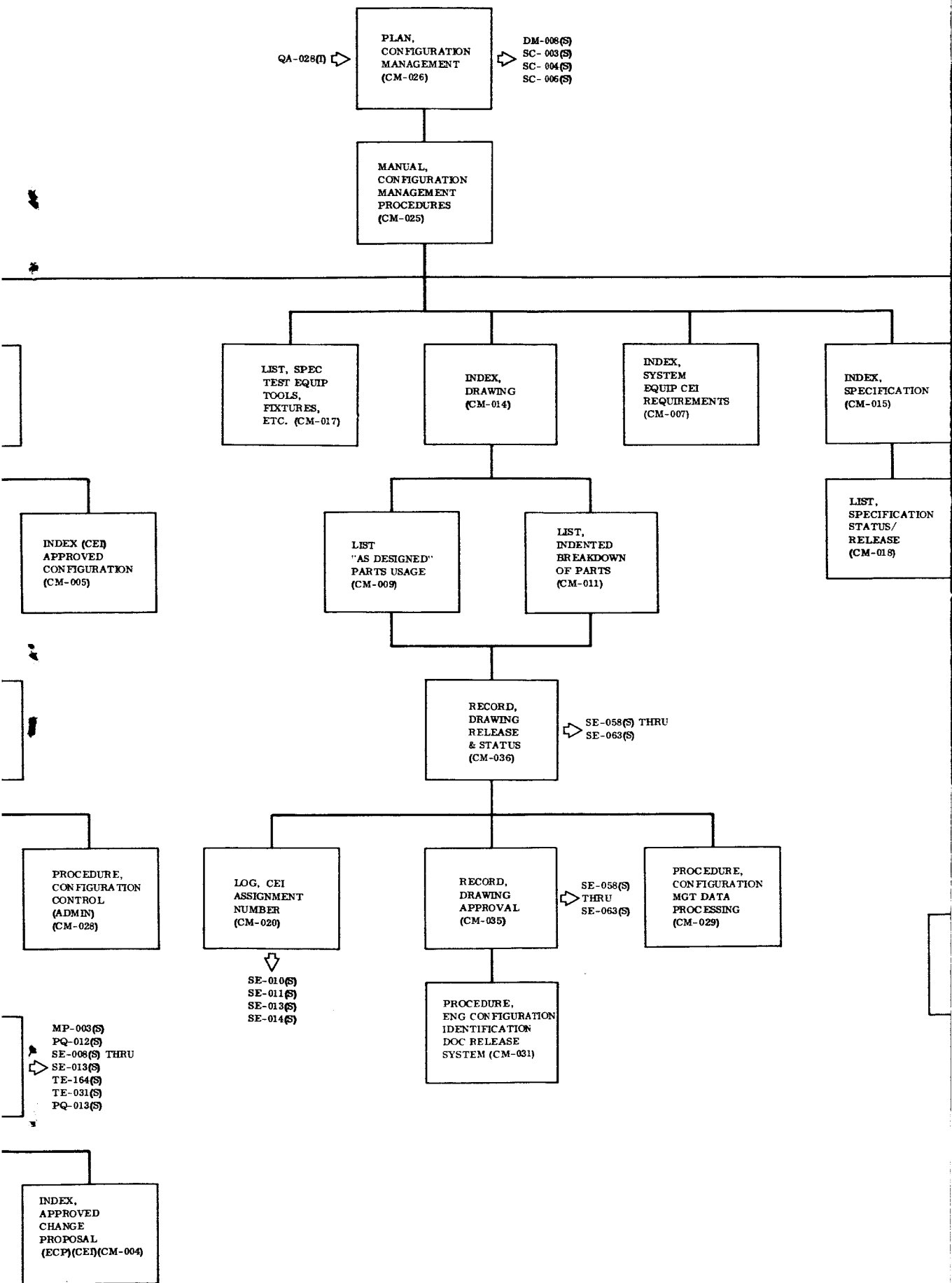
- a. Data items needed for preparation and/or support of the referenced item. (I)
- b. Data items that are supported or needed by this data item. (S)
- c. Data items that relate "to" and provide information of a general nature but are not required in an input or support role. (G)

Each data item appearing on the Data Item List (DIL) was examined and evaluated with respect to its contribution to, or dependence upon, data items appearing in other categories and is included in the diagrams. Additionally, certain data elements indicated in the user flow diagrams (but currently not identified as individual data items) have been shown within a dashed rectangle to clarify relationships.

LEGEND:

- (I) INDICATES DATA ITEMS NEEDED FOR PREPARATION OR SUPPORT OF THE REFERENCED ITEM (INPUT).
- (S) INDICATES DATA ITEMS THAT ARE SUPPORTED OR NEEDED BY THIS ITEM.
- (G) DATA ITEMS THAT RELATE TO AND PROVIDE INFORMATION OF A GENERAL NATURE BUT ARE NOT REQUIRED IN AN INPUT OR SUPPORT ROLE
- △ INDICATES PRINCIPAL RELATIONSHIP (I, S, OR G) BETWEEN DATA ITEMS IN OTHER FUNCTIONAL CATEGORIES.





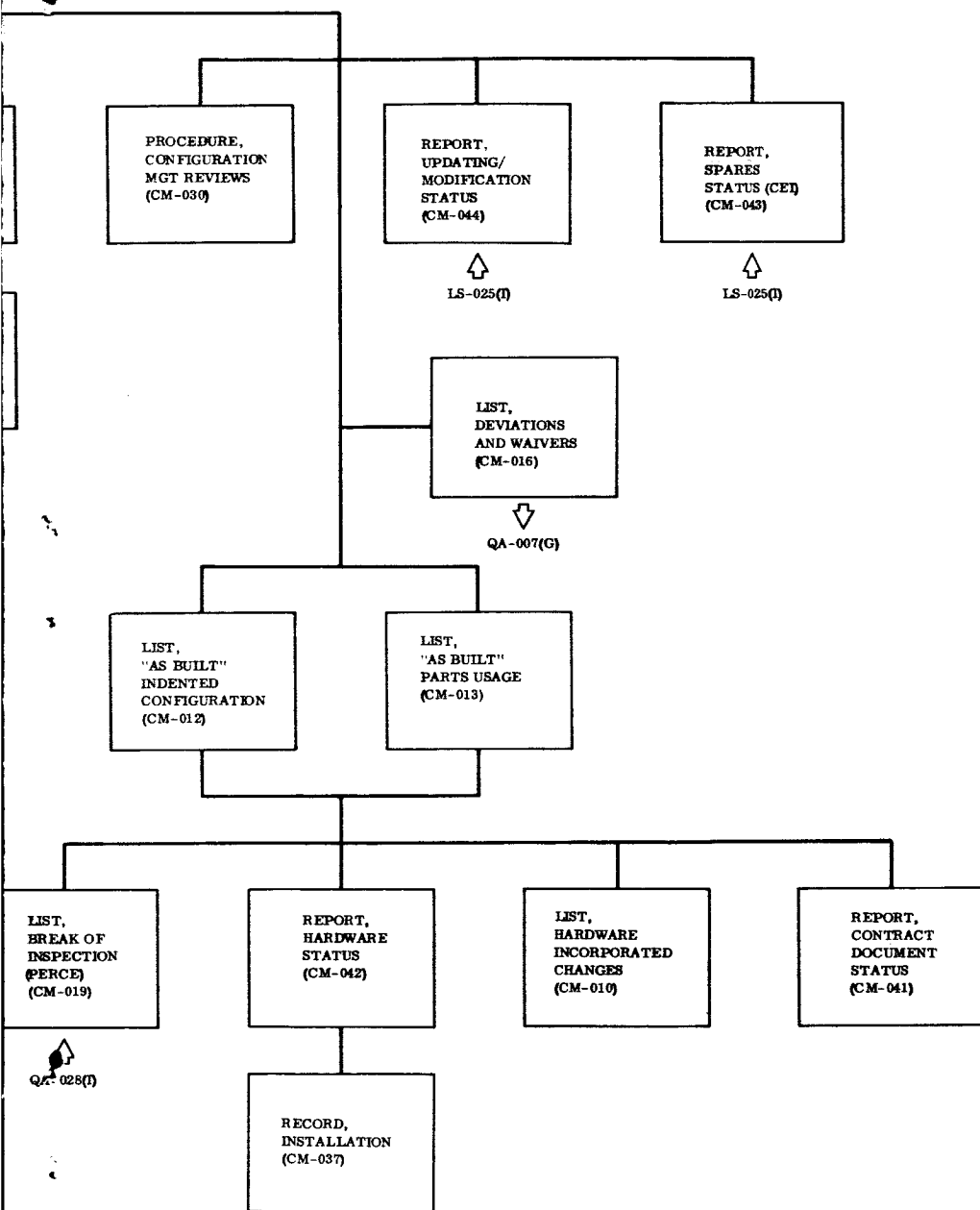


Figure D-1. Configuration Management Documentation Relationship Tree (CM)

DATA ITEM PHASING/FREQUENCY

Quantities and phasing of data items associated with the Configuration Management function are shown in Figure D-2. As the primary function of Configuration Management is to identify, control and account for hardware configuration, data item requirements necessary to perform these activities are a function of the total hardware requirement. Estimates of the total hardware requirement as proposed in the Phase IB Configuration Management Plan were used as a basis for preparation of data item estimates. Phasing requirements are shown by Project review periods.

Following are the definitions, ground rules, and assumptions on which these estimates are based:

a. Definitions

1. Component - A number of parts or subassemblies or any combination thereof joined together to perform a specific function.
2. Subassembly - Two or more parts which form a portion of an assembly or a unit replaceable as a whole, but having a part or parts which are individually replaceable.
3. Part - One piece, or two or more pieces joined together which are not normally subject to disassembly without destruction of designed use.

b. Ground Rules

1. Numbers include items designed specifically for Voyager. Do not include off-the-shelf items.
2. Estimates do not include:
 - (a) Government, NASA or industrial specifications
 - (b) nut, bolt, rivet kinds of hardware
3. Each component and subassembly drawing will have a parts list.
4. After HDR no drawing will be revised without an alteration notice.
5. After approval, no specification will be revised without an SCN.

6. SCN's and ECP's will be prepared on a one-for-one basis.
7. Specifications are revised only at customer's request.

c. Spacecraft Assumptions

1. Twenty-eight prime equipment CEI's (CP)
2. Thirty-six identification item CEI's (CD)
3. Eighty-five engineering critical components (EC)
4. Each CD will average 11 subassemblies.
5. Each EC will average 24 subassemblies
6. Each assembly PL will contain 34 line items (average)
7. Of the 34 line items, seven will be new drawings for that assembly (average).
8. During the life of the Project, 10 percent of the drawings will be new starts; each drawing will be revised two times (average).
9. During the life of the Project, each drawing will have four change notices written against it (average).
10. There will be 28 CP Specifications; 36 CD Specifications; and 85 EC Specifications.
11. Each of the above will have three other specifications in support (average).
12. There will be 200 standard specifications.
13. Each specification will be revised one time (average).
14. Each specification will have two ECP's (average).
15. Each specification will have two SCN's (average).

d. OSE, AHSE and MDE Assumptions

1. Thirty-six prime equipment CEI's (CP)
2. One hundred thirty-five identification item CEI's (CD)

3. Eighteen engineering critical components (EC).
4. Each CD will average 11 subassemblies.
5. Each EC will average 24 subassemblies.
6. Each Assembly PL will contain 34 line items (average); of the thirty-four line items, seven will be drawings.
7. Over the life of the Project, 10 percent of the drawings will be new starts.
8. Each drawing will be revised two times (average).
9. There will be 36 CP Specifications; one hundred 35 CD Specifications; and 18 EC Specifications.
10. Each will have three other specifications in support (average)
11. Each specification will be revised one time.
12. Each specification will have two ECP's.
13. Each specification will have two SCN's.
14. Each drawing will have four AN's.

Distribution and density of data item preparation requirements are shown in Figure D-3, Configuration Management Data Item Density Profile. Requirements are shown as averages per month during the entire contract period. The preparation of "Alteration Notices" (CM-003) and "Design Change Requests" (CM-045) are of particular significance.

DATA ITEM TITLE	SDR			PDR			HDR			CDR		
	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL
DIRECTIVES												
CM-001 Engineering Change Proposal (ECP)						500	-	500	560	-	560	430
CM-002 Specification Change Notice (SCN)						500	-	500	560	-	560	430
CM-003 Change Notice				1243	Mo	4350	3145	Mo	28300	3,000	Mo	36,000
LISTS												
CM-004 Approved Change Proposal (ECP), Contract End Item (CEI)						1	Mo	9	1	Mo	12	1
CM-005 Index, Cont. End Itm. Aprvd. Config.						352	Mo	3168	200	Mo	2400	82
CM-006 Index, Specification Identification						6	Wk	240	5	Wk	260	5
CM-007 Index, Sys./Equip. Contr. End Itm. Eqmts.												
CM-008 List, Aprvd. Chngs per Equip. Echelon						1	Wk	40	1	Wk	52	1
CM-009 List, "As Designed" Parts Usage						1	Mo	9	1	Mo	12	1
CM-010 List, Hardware Incorporated Changes												1
CM-011 List, Indented Breakdown of Parts						1	Mo	9	1	Mo	12	1
CM-012 List, "As Built" Indented Configuration												1
CM-013 List, "As Built" Parts Usage												1
CM-014 Index, Drawing									1	Wk	52	1
CM-015 Index, Specification				1	Wk	15	1	Wk	40	1	Wk	52
CM-016 List, Deviations and Waivers							1	Wk	40	1	Wk	52
CM-017 List, Spec. Test Equip., Tools, Fixtrs, etc.										1	Mo	12
CM-018 List, Specification Status/Release				1	Wk	15	1	Wk	40	1	Wk	52
CM-019 List, Break of Inspec., Pr Cntr. End Item												1
LOGS												
CM-020 Log, Contract End Item Assignment Number	1	O/T	1									
CM-021 Log, Engineering Change Proposal (ECP) Number Sequence Assignment						1	O/T	1				
CM-022 Log, Specification Change						6	Wk	240	5	Wk	260	5
CM-023 Log, Specification Distribution	1	O/T	1									
CM-024 Log, Spec. Identif. No. Assignment	1	O/T	1									
MANUALS												
CM-025 Manual, Configuration Mgmt. Procedures				1	Q	1	1	Q	3	1	S/A	2
(continued on page 2)												

*Key Informal Data

A	Annual	O/T	One Time	I	Initial	CDR	Critical Design Review
S/A	Semi-Annual	A/R	As Required	F	Final	FACI	First Article Configuratio
WK	Weekly	U	Update	N/R	New and Revised	MAR	Mission Acceptance Revis
MO	Monthly	I/U	One Update	SDR	System Design Review	J FACT	Joint Flight Acceptance
B/W	Bi-Weekly	DA	Daily	PDR	Preliminary Design Review		Composite Testing
B/M	Bi-Monthly	Q	Quarterly	HDR	Hard Design Review		

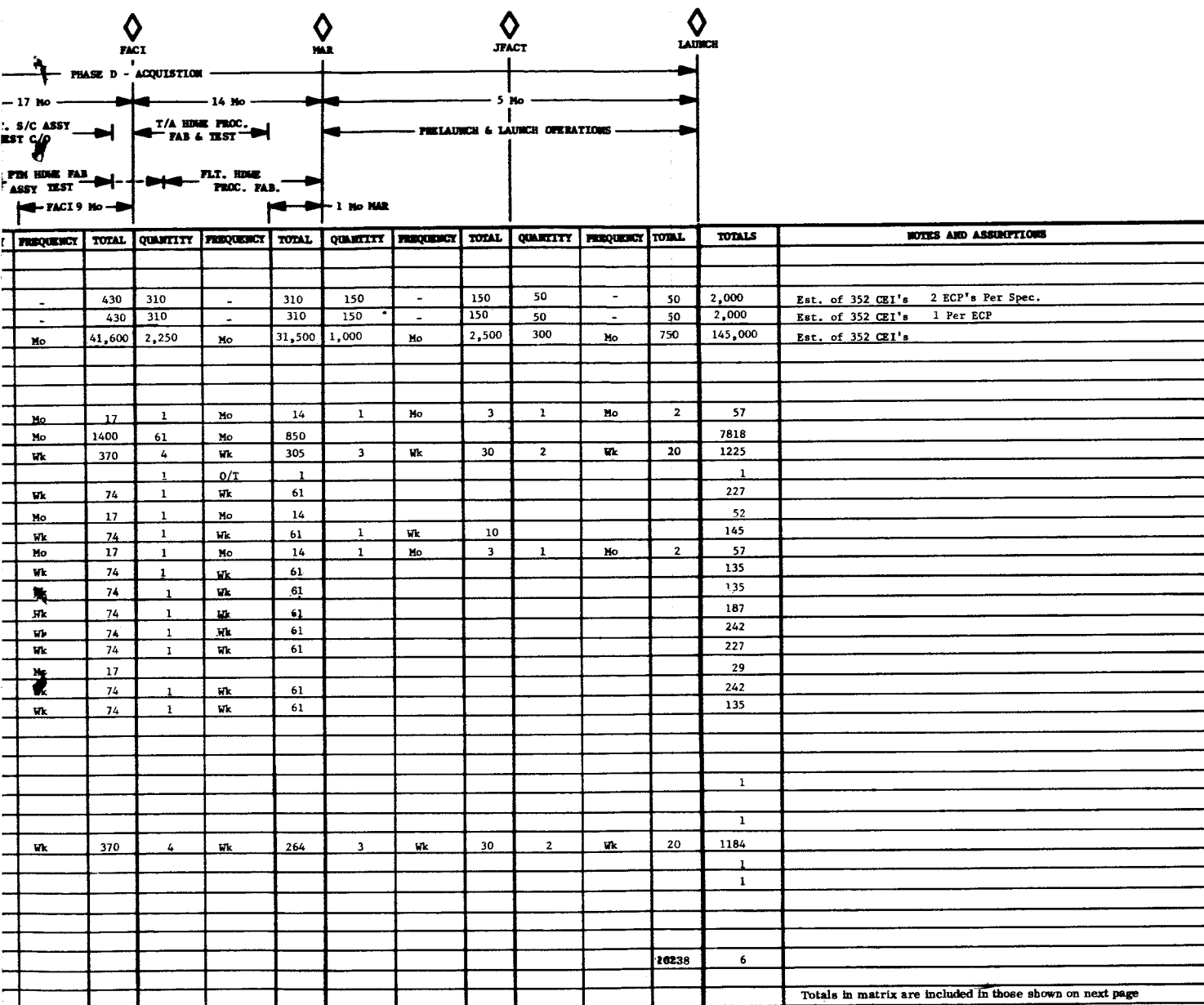


Figure D-2. Configuration Management Data Item Phasing and Frequency Matrix (Sheet 1 of 2)

DATA ITEM TITLE	3.5 MO.			3.5 MO.			9 MO.			12 MO.		
	QUAN	FREQ	TOTAL	QUAN	FREQ	TOTAL	QUAN	FREQ	TOTAL	QUAN	FREQ	TOTAL
PLANS												
CM-026 Plan, Configuration Management				1	O/T	1						
PROCEDURES												
CM-027 Procedure, Change Control	1	O/T	1									
CM-028 Procedure, Config. Control (Administrative)	1	O/T	1									
CM-029 Procedure, Config. Mgmt. Data Processing	1	O/T	1									
CM-030 Config. Mgmt. Reviews	1	O/T	1									
CM-031 Procedure, Engineering Configuration Identification Doc. Release System	1	O/T	1									
CM-032 Instruction, Change Document Preparation	1	O/T	1									
CM-033 Instructions, Change Submittal and Aprvi.	1	O/T	1									
RECORDS												
CM-034 Chart, Configuration							6	Wk	240	5	Wk	260
CM-035 Record, Drawing Approval	1	O/T	1									
CM-036 Record, Drawing Release and Status	1	O/T	1									
CM-037 Record, Installation												
REPORTS												
CM-038 Report, Change Approved/Change Held				75	Da	75	200	Da	200	260	Da	260
CM-039 Report, Configuration Management Activity				1	Mo	3	1	Mo	9	1	Mo	12
CM-040 Report, Configuration Mgmt. Audit				1	Mo	3	1	Mo	9	1	Mo	12
CM-041 Report, Contract Document Status							1	Mo	9	1	Mo	12
CM-042 Report, Hardware Status												
CM-043 Report, Spares Status (Contract End Item)							1	Mo	9	1	Mo	12
CM-044 Report, Updating/Modification Status												
REQUESTS												
CM-045 Request, Design Change				480	Mo	1680	1200	Mo	5400	1020	Mo	12240
TOTALS			12			6143			44415			53158

***Key Informal Data**

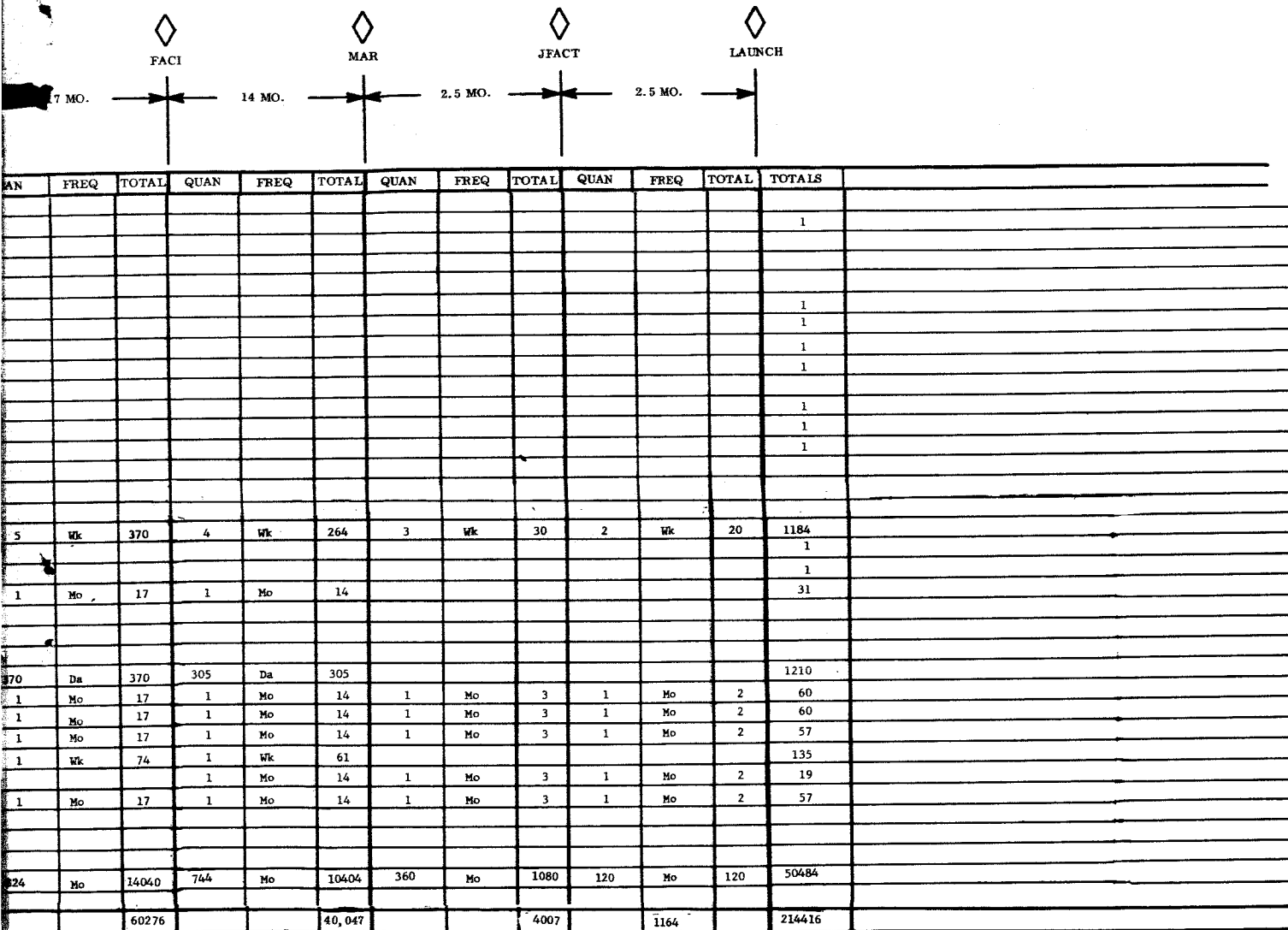
A Annual
S/A Semi-Annual
WK Weekly
MO Monthly
B/W Bi-Weekly
B/M Bi-Monthly

O/T One Time
A/R As Required
U Update
I/U One Update
DA Daily
Q Quarterly

I Initial
F Final
N/R New and Revised
SDR System Design Review
PDR Preliminary Design Review
HDR Hard Design Review

CDR
FACI
MAR
J FACT

Critical Design Rev
First Article Config
Mission Acceptance
Joint Flight Acceptance
Composite Testing



ation Inspection
Review

Figure D-2. Configuration Management Data Item Phasing and Frequency Matrix (Sheet 2 of 2)

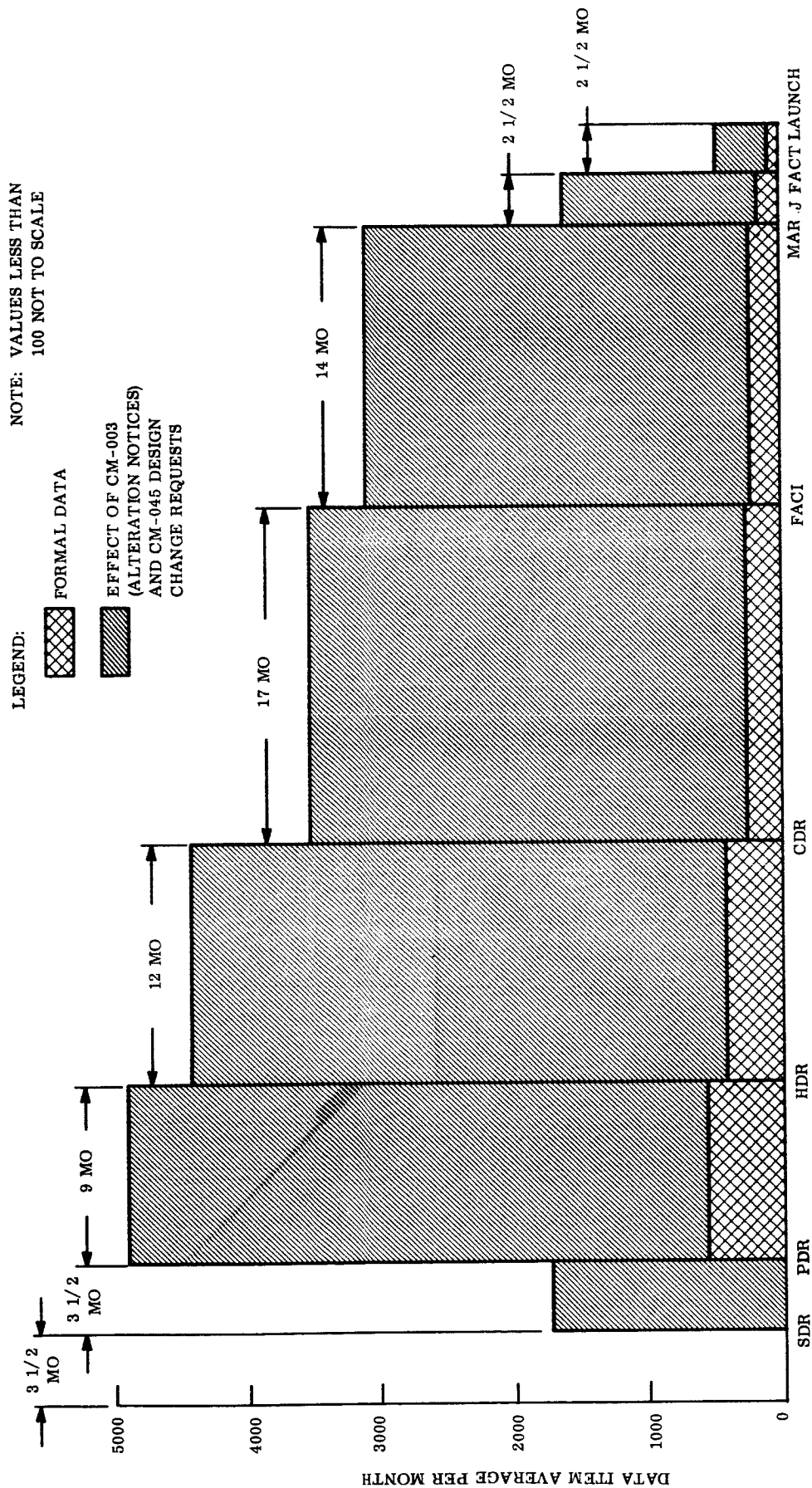


Figure D-3. Configuration Management Data Item Density Profile