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OPERATOR'S GUIDE FOR LACIE PHASE III AUTOMATIC STATUS AND TRACKING SYSTEM

Job Order 71-695

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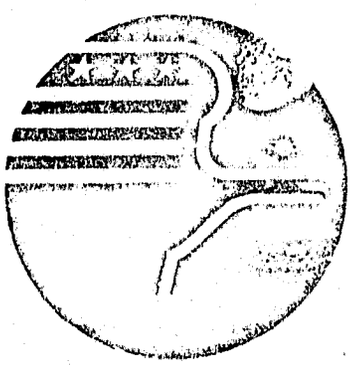

National Aeronautics and Space Administration
LYNDON B. JOHNSON SPACE CENTER
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FOR
LACIE PHASE III AUTOMATIC
STATUS AND TRACKING SYSTEM

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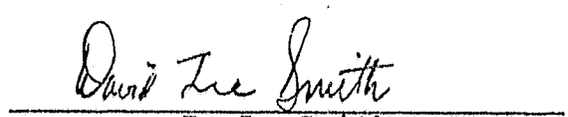

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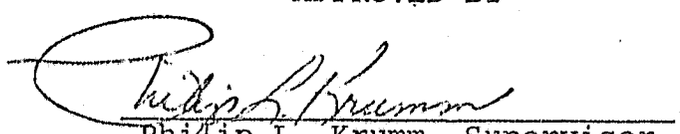

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
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LEC-10401

ASATS DAILY BATCH OPERATIONS

1. SYSTEM PREPARATION

1.1 REQUIRED MATERIALS

The following special items are required for ASATS runs:

- The card deck for today's updates and reports.
- Multiple-part paper for the line printer.
- Label stock to be printed on the line printer.
- Two magnetic tapes, with write rings.
- Blank cards (to be punched on the DAS).

1.2 SYSTEM SOFTWARE AND HARDWARE CONDITION

Be sure that:

- System time and date (TIM) are set correctly.
- The system is operating cleanly (no programs are stuck in "IF" status, etc.).
- No other users have an immediate need for the card reader or the operator's console.

2. ASATS BATCH MODE UPDATE/REPORT RUN

2.1 Use the ASATS Batch UIC:

HEL [21Ø,4]↵

2.2 Put the cards into the reader, push the start button, and read the cards with the PIP command:

PIP @UP↵

2.3 After all cards have been read, start the batch run:

BAT ASATS (ALT)

(Use the "ALT" button instead of a carriage return. Otherwise you won't see any messages, and the job will not run)

2.4 Read the console messages and do required operator actions. If a message asks for operator action, then after loading the printer paper (or whatever) you must answer the message:

CON) (to continue the batch run)
or
ABO) (to abort the run)

2.5 After the batch run is finished, punch out cards from file SYØ:[21Ø,4]PUNCH.ZIP by using the CRDOUT routine to go to mag tape and punching cards from the tape on the DAS.

2.6 Print the packet order labels: put label stock into the printer and at the console, enter the command:

PIP @LA)

Put single-part paper into the printer after making the labels.

2.7 Save the data base with the instructions below, using either tape unit MTØ: or MT1:.

2.7.1 Load a tape onto MTn:

2.7.2 Go through the following sequence at the console:

HEL [5,5])
INI MTn:P3 date/UIC=[21Ø,4])
MOU MTn:/OVR)
HEL [21Ø,4])
PIP @SAMTn)

This will print a directory on the printer.

2.7.3 Label the tape with a label giving the date and the legend: "ASATS Phase 3 data base" and fasten the printed directory to the tape also.

APPENDIX A

SAMPLE RUN

```
MCR>REL [210,4]
MCR>PIP @UP
MCR>BAT ASATS$
BPR -- "ASATS9" - ASATS BATCH STREAM VERSION 9 (17 MAR 1977).
BPR -- "ASATS9" - BE SURE YOU HAVE:
BPR -- "ASATS9" -                    READ IN CARD DECK.
BPR -- "ASATS9" -                 ( WITH:     PIP @UP     )
BPR -- "ASATS9" - IN CASE OF TROUBLE, CALL:
BPR -- "ASATS9" -      JOE EVERETTE 333-6311 (DAYS) OR 554-3660 (NIGHTS:
BPR -- "ASATS9" - OR   DAVE SMITH   333-6311 (DAYS) OR 482-0644 (NIGHTS:
BPR -- "ASATS9" - OR   JOHN COON    483-6427 (DAYS) OR 481-8339 (NIGHTS:
BPR -- "ASATS9" - IF CARDS NOT O.K., ABORT THIS RUN AND RESTART
BPR -- "ASATS9" - WITH ANOTHER BAT ASATS AFTER READING CARDS.
BPR -- "ASATS9" - NOW, TYPE IN CON(CR) TO CONTINUE, OR ABO(CR) TO ABORT.

BPR -- OPERATOR ACTION REQUIRED :CON
BPR -- "ASATS9" - START PREPROCESSOR
BPR -- "ASATS9" - START SORT
BPR -- "ASATS9" - STEP 3 OF PREPROCESSOR FINISHED
BPR -- "ASATS9" - STEP 5 FINISHED FOR PHASE 3
BPR -- "ASATS9" - STEP 5 FINISHED FOR PHASE 2.
BPR -- "ASATS9" - PHASE 3 UPDATES WILL NOW BEGIN.
BPR -- "ASATS9" - THIS IS YOUR LAST CHANCE TO STOP UPDATES (CON OR ABO).
BPR -- "ASATS9" - (IF YOU GO PAST THIS POINT, YOU CANNOT RESTART).

BPR -- OPERATOR ACTION REQUIRED :CON
RSXBAT  --  STOP

BPR -- "ASATS9" - PHASE 3 UPDATES COMPLETED.
BPR -- "ASATS9" - PREPARE OUTPUT REPORTS.
RSXBAT  --  STOP ***THERE ARE BOTH CARDS AND LABELS TODAY***

RSXBAT  --  STOP

RSXBAT  --  STOP

RSXBAT  --  STOP

RSXBAT  --  STOP

RSXBAT  --  STOP
```

If card read error occur, abort PIP and restart.

Be sure pointer is spooled, so that all of it can be printed on 5-part paper at the end of the run.

If the batch job terminates prematurely, use the OPR command to print all the output on 5-part paper.

Abort (ABO) here if any error messages have occurred.

If the job fails after this point, call the data base administrator for restart instructions.

If this message says there are no cards today, then don't run CRDOUT at the end of the job.

During this run, the operator can sign into [5,5] if other users need operator actions.

```
BPR -- "ASATS9" - ************************************************
BPR -- "ASATS9" - * END OF ASATS PHASE 3 BATCH UPDATES AND REPORTS  *
BPR -- "ASATS9" - * REMEMBER TO:                                   *
BPR -- "ASATS9" - *                MAKE CARDS (USE CRDOUT ON THE   *
BPR -- "ASATS9" - *                        FILE PUNCH.ZIP)         *
BPR -- "ASATS9" - *       AND      MAKE LABELS (LOAD LABELS INTO   *
BPR -- "ASATS9" - *                        PRINTER AND DO PIP @LA  ) *
BPR -- "ASATS9" - *       AND      SAVE [210,004] ONTO TAPE        *
BPR -- "ASATS9" - *                ( HEL [5,5]                     *
BPR -- "ASATS9" - *                  INI MT0:P3 DATE/UIC=[210,004] *
BPR -- "ASATS9" - *                  MOU MT0:/OVR                  *
BPR -- "ASATS9" - *                  HEL [210,004]                 *
BPR -- "ASATS9" - *                  PIP @SAMT0:                   *
BPR -- "ASATS9" - *          FASTEN THE DIRECTORY TO THE TAPE )    *
BPR -- "ASATS9" - * THIS IS THE END OF THE ASATS PHASE 3 BATCH RUN. *
BPR -- "ASATS9" - ************************************************
BPR -- "ASATS9" - NOW LOAD 5-PART PAPER INTO THE PRINTER AND
BPR -- "ASATS9" - TYPE IN CON (CR) TO PRINT REPORTS.

BPR -- OPERATOR ACTION REQUIRED :CON
MCR>PIP @LA
MCR>HEL [5,5]
PASSWORD>
MCR>MOU MT0:/CHA=[FOR]
MOUNT-**VOLUME INFORMATION**
        DEVICE   =MT0
        CLASS    =FOREIGN
        UIC      =[1,1]
        ACCESS   =[RWED,RWED,RWED,RWED]
        CHARAC   =[FOR,DCF]
MCR>RUN [50,50]CRDOUT$

                        --- INPUT FILE SPEC ---

DEVICE:SY    >SY

UNIT: 0      >0

FILE NAME.EXT;VER      >PUNCH.ZIP;1

UIC:[  5,  5]       >210,4
```

If the operator does leave [210,4], then he has to go back to it before doing the labels and data base save tape at the end of the job.

Load 5-part paper into the printer before doing this continue.
Then, put labels into the printer before doing the PIP @LA. If you have to, do a HEL [210,4] before the PIP @LA.

The tape mounted for CRDOUT is any scratch tape, and need not be saved after punching the cards.

```
                --- OUTPUT TAPE UNIT ---

DEVICE:MT      >MT

UNIT:0         >0


MT0:<SY0:PUNCH.ZIP;1          [210,  4]    PROCEED ? (Y/N)  >Y
CRDOUT  --  STOP

MCR>HEL [5,5]
PASSWORD>
MCR>DMO MT0:
DMO -- MT0: ** DISMOUNT COMPLETE **
MCR>INI MT0:P3MR18/UIC=[210,4]
MCR>MOU MT0:/OVR
MOUNT-**VOLUME INFORMATION**
        DEVICE  =MT0
        CLASS   =FILE 11
        LABEL   =P3MR18
        UIC     =[210,4]
        ACCESS  =[RWED,RWED,RE,R]
        CHARAC  =[ ]
MCR>HEL [210,4]
MCR>PIP @SAMT0

DIRECTORY MT0:
18-MAR-77 19:56

DATE.COM;1              1.          18-MAR-77 00:00
XX.R1;1              2500.          18-MAR-77 00:00
XX.R2;1               310.          18-MAR-77 00:00
XX.R3;1               450.          18-MAR-77 00:00
XX.R4;1               120.          18-MAR-77 00:00
XX.R5;1               120.          18-MAR-77 00:00
XX.R6;1               127.          18-MAR-77 00:00
XX.R7;1               120.          18-MAR-77 00:00
XX.R8;1               120.          18-MAR-77 00:00
XX.R9;1               120.          18-MAR-77 00:00

        TOTAL OF 3868. BLOCKS IN 9.  FILES
MCR>
```

If anything on this line is wrong, answer N and go through these steps again.

Take that tape to the PMIS to punch the cards.

If MTØ: is being used by someone else, you can use MT1: and do a "PIP@SAMT1".

This directory comes from the tape itself and assures that these files are really on the tape. The same directory will be printed on the line printer.

Tapes for this save of the data base will be saved or re-used on a schedule set by the data base Administrator.