#477

SMM

DATA SETS FOR CDAW

80-014A-02A SOUV-00029

80-014A-05A SOXR-00083

Table of Contents



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## 1. INTRODUCTION:

The documentation for this data set was originally on paper, kept in NSSDC's Data Set Catalogs (DSCs). The paper documentation in the Data Set Catalogs have been made into digital images, and then collected into a single PDF file for each Data Set Catalog. The inventory information in these DSCs is current as of July 1, 2004. This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system. The information existing in the DSCs is now not needed for locating the data files, but we did not remove that inventory information.

The offline tape datasets have now been migrated from the original magnetic tape to Archival Information Packages (AIP's).

A prior restoration may have been done on data sets, if a requestor of this data set has questions; they should send an inquiry to the request office to see if additional information exists.

2. ERRATA/CHANGE LOG:

NOTE: Changes are made in a text box, and will show up that way when displayed on screen with a PDF reader.

***When printing, special settings may be required to make the text box appear on the printed output.***

| Version | Date | Person | Page | Description of Change |
|---|---|---|---|---|
| 01 | | | | |
| 02 | | | | |

3 LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC INFORMATION SYSTEM:

http://nssdc.gsfc.nasa.gov/nmc/

[NOTE: This link will take you to the main page of the NSSDC Master Catalog. There you will be able to perform searches to find additional information]

4. CATALOG MATERIALS:

a. Associated Documents To find associated documents you will need to know the document ID number and then click here. http://nssdcftp.gsfc.nasa.gov/miscellaneous/documents/

b. Core Catalog Materials

SMM

HARD X-RAY HIMSEL FORMAT DATA

80-014A-05A SOXR-00083

This data set has been restored. There were originally two 9-track, 1600 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on a 360 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

| DR# | DS# | D# | FILES | TIME SPAN |
|---|---|---|---|---|
| DR004797 | DS004797 | D042228 | 1 - 6 | 06/29/80 - 06/29/80 |
| | | D042229 | 7 -13 | 06/29/80 - 06/29/80 |

| REQ. AGENT | RAND NO. | ACQ. AGENT |
|---|---|---|
| VPL | V0061 | DNS |

SMM

HARD XRAY HIMSEL FORMAT DATA

80-014A-05A

This data set catalog consists of 2 data tapes. The tapes are 9 track, 1600 BPI, Binary and are multifiled. The tapes were created on an PDP computer.

Time span is as follows:

| D# | C# | FILES | TIME SPAN |
|---|---|---|---|
| D-42228 | C-21211 | 6 | June 29, 1980 |
| D-42229 | C-21211 | 7 | June 29, 1980 |

11/24/80

Satellite: SMM
Data Set I.D: 80-014A-05A
DSN: Hard X-Ray Nimsel Format Data
Agent: DMS
Availability: J
1600 BPI
9 track
generated by PDP (byte reversal from usual)
Time Span: June 29, 1980

Please dupe these 2 tapes

National Aeronautics and
Space Administration

**Goddard Space Flight Center**
Greenbelt, Maryland
20771

NASA

Reply to Attn of:

11/10/80

Dr. J. Vette
Code 601
NASA / GSFC
Greenbelt, MD. 20771

Dear Jim:

(HIMMEL)

Here are, at last, the HXIS tapes with the data for the June 29 events. If you or your colleagues have any questions, please do not hesitate in contacting me or Mr. Chiel Galama.

With best regards, I remain

sincerely yours,

Marcos E. Machado

encl.
cc. Dr. P. Hoyng

HIMSEL tapes, June 29, 1980.

HIM 10/60.

| File | Beg. | End | Flare? |
|---|---|---|---|
| 1 | 02:03:58 | 02:58:30 | Yes |
| 2 | 03:43:24 | 04:37:20 | Yes |
| 3 | 05:21:52 | 06:13:20 | Yes |
| 4 | 08:42:35 | 09:24:49 | |
| 5 | 10:18:35 | 11:06:41 | Yes |
| 6 | 11:50:09 | 12:36:14 | |

HIM 10/61.

| File | Beg. | End | Flare? |
|---|---|---|---|
| 1 | 13:15:09 | 14:11:59 | |
| 2 | 14:50:07 | 15:47:13 | |
| 3 | 16:26:07 | 17:23:15 | Yes |
| 4 | 17:59:52 | 19:00:15 | Yes |
| 5 | 19:38:08 | 20:37:08 | Yes |
| 6 | 21:14:16 | 22:18:52 | Yes |
| 7 | 22:48:06 | 23:41:01 | Yes |

Chief Galama - x 7599

Peter Hoyng - SMM - HXIS

Time resolution - 0.5 sec - 7.5 sec -
2 - full images - not rastered
2 - 1 dimensional images, high E. Monitor
They put all the pixels in order of brightness,
send down to ground how much they want

7.5 sec → if all data is sent down
(1 high res image, 1 low res image, + 2 1 dim images
+ a little else)

Hinsel Tapes - raw data, reformatted
June 29th

200 → 800 images ~~5 Mbytes x 12 bytes~~
~ 5 K bits/second ~ ½ hour.

Digital Images Printed for verification -

Internal numbering scheme for referring to
pixel location -

Chiel Galama X-7599

# H I M S E L -- D A T A

HXIS SMM experiment

Raw data- reformatted

## HIMSEL-DATA TAPE-FORMAT

ALL IMAGES ARE STORED ON EITHER TAPE OR DISK. THE STRUCTURE OF THE IMAGE FILES ARE IDENTICAL HOWEVER THE HANDLING IS DIFFERENT.
THE NUMBER OF FILES THAT A UNIT MAY CONTAIN IS RESTRICTED TO A MAXIMUM OF 32767, BUT PHYSICALLY THIS NUMBER IS NOT LIKELY TO BE ATTAINED. EACH FILE MAY CONTAIN A MAXIMUM OF 32767 IMAGES.
AN IMAGE IS DESIGNATED BY ITS IMAGE NUMBER AND ITS FILE NUMBER.
(E.G. 400/3 INDICATES IMAGE 400 OF FILE 3)
ON EACH UNIT THE FILES NUMBER FROM 1 SEQUENTIALLY UP TO THE NUMBER OF THE LAST FILE.

### TAPE

ON TAPE THE FILES ARE PRECEDED BY A LABEL OF 256 WORDS FOLLOWED BY A TAPE MARK (EOF). IF NO FILES EXIST A SECOND TAPE MARK (EOT) IS ADDED.
THE FILES ARE SEPARATED BY ONE TAPE MARK (EOF) WHILE THE LAST FILE IS CLOSED BY TWO TAPE MARKS (EOT).
EACH IMAGE CONSISTS OF TWO RECORD BLOCKS OF 1920 WORDS EACH.

### DISK

DISK SPACE USED (DK2) IS 4786 BLOCKS OF 256 WORDS EACH
EACH IMAGE CONSISTS OF 16 BLOCKS
THEREFORE THE DISK MAY CONTAIN NOT MORE THAN 299 IMAGES AND NOT MORE THAN 299 IMAGE FILES (OF 1 IMAGE EACH).
THE LAST BLOCK OF THE FILE CONTAINS THE LABEL IN THE SAME FORMAT AS THE TAPE-LABEL.

## CAPACITY AND SPEED

ONE IMAGE CONSISTS OF 2 BLOCKS OF 1920 WORDS EACH ON TAPE AND 16 BLOCKS OF 256 WORDS ON DISK. THE CAPACITY ON DISK IS THEREFORE 299 IMAGES. (4784/16)
ON A 2400 FT. TAPE OF 800 FRAMES PER INCH (B.P.S.), WHERE ONE FRAME IS 8 BITS (SO ONE WORD REQUIRES 2 FRAMES) THE CAPACITY CAN BE CALCULATED AS FOLLOWS: FOR ONE IMAGE TWO GAPS OF 0.6 INCH ARE REQUIRED.
3840 WORDS TAKES 7680 FRAMES. FURTHER 2400 FT. EQUALS 2400*12 INCH.
SO CAPACITY=12*2400/2*(0.6+2*1920/800)=2650 IMAGES
AS ONE IMAGE IS 2*(0.6+2*1920/800)=10.8 INCHES LONG THE MAXIMUM SPEED WITH 75 I.P.S. (9100) IS 75/10.8 = 7 IMAGES PER SECOND
AND WITH 125 I.P.S. (9300) 125/10.8 = 11.5 IMAGES PER SECOND
FOR A 1600 B.P.I TAPE THIS WILL BE:
12*2400/2*(0.6+2*1920/1600)=4800 IMAGES.
OF COURSE THESE ARE MAXIMUM FIGURES AS THE LABEL AND ADDITIONAL EOF MARKERS ARE EXCLUDED.
LENGTH OF ONE IMAGE IS HERE 2*(0.6+2*1920/1600) = 6.0 INCHES.
SO THE SPEEDS ARE RESP. 12.5 AND 20.5 IMAGE PER SECOND.

LABEL CONTENTS

| WORD # | BIT # | | |
|---|---|---|---|
| 1 | | FILE ID | 0=IMAGE FILE<br>1=FILM FILE |
| 2 | | TAPE ID | -1=NOT BOOKED IN INDEX<br><br>1=INVALID PRODUCTION TAPE<br>10=IMAGE TAPE |
| 3 | | TAPE # | UNIQUE WITHIN IDENTIFICATION |
| 4 | | FILE # | ALWAYS 0 |
| 5 | | RECORD # | ALWAYS 0 |
| 6 | | IMAGE # | ALWAYS 0 |
| 7/11 | | DATE | DATE OF FIRST FILE CREATION (**-***-**) |
| 12 | | SPARE | |
| 13/21 | | COMMENT | AREA FOR 18 ASCII CHARACTERS (THIS LINE IS STORED BY INDEX IF BOOKED) |
| 22/221 | | COMMENT | 10 LINES OF 40 ASCII CHARACTERS EACH. (FOR HIM-FILES)<br>20 LINES OF 20 ASCII CHARACTERS EACH. (FOR HIF-FILES) |
| 222/256 | | SPARES | (35) |

HEADER CONTENTS

| WORD # | BIT # | NAME | SPECIFICATION |
|---|---|---|---|
| 1 | | | SPARE |
| 2 | | ICAL # | VERSION OF IMAGE CALIBRATION |
| 3 | | PCAL # | VERSION OF POSITION CALIBRATION |
| 4 | | FILE # | IDENTICAL FOR ALL IMAGES OF THE SAME FILE. FOR THE FIRST FILE THIS NUMBER = 1. |
| 5 | | RECORD # | IS INCREMENTED THROUGH ALL FILES FOR EACH IMAGE. |
| 6 | | IMAGE # | THE FIRST IMAGE OF A FILE = 1. NEXT IMAGES ARE COUNTED UP. |
| 7/11 | | CREATION DATE | ASCII STRING OF DATE WHEN THE IMAGE WAS ADDED TO THE FILE. (**-***-**) |
| 12 | | HOUR (U.T.) | THE HOUR NUMBER FROM EPOCH 1-JAN-1980 ON WHICH THE IMAGE WAS RECORDED |
| 13/14 | | SECS (U.T.) | THE NUMBER OF MILLI SECONDS ELAPSED IN THAT HOUR DIVIDED BY 1000. (REAL) |
| 15 | | SPARE | |
| 16 | | MINOR FRAMES | NUMBER OF MINOR FRAMES THAT CONTAINED THE IMAGE. |
| 17 | | SPARE | |
| 18 | | DATA QUALITY | DEVIDED BY 100 YIELDS PERCENTS. |
| 19/20 | | IMAGE INDEX | (REAL) |
| 21 | | VERSION # | THE RAM/ROM VERSION NUMBER FOR ROM VERSION = 0 |
| 22 | | DURATION | NUMBER OF 0.125 SEC. PERIODS |
| 23 | | HV1 | HIGH VOLTAGE DET 1 |
| 24 | | HV2 | HIGH VOLTAGE DET 2 |
| 25 | | STAT11 | FLARE START BIT |
| 26 | | STAT10 | FLARE PRESENT BIT |
| 27 | | STAT9 | CALIBRATION MODE BIT |
| 28 | | STAT8 | INTERNAL BELT BIT |
| 29 | | STAT7 | HV/OFF BIT DURING BELT |
| 30 | | FLARE MODE | 0 1 OR 2 |
| 31 | | C+F+S | THE COUNTS IN BAND ONE OF THE COARSE + FINE + SLIT AREA |

| | | |
|---|---|---|
| 32/71 | HOUSEKEEPING | (40 WORDS) |
| 72/77 | EBS | 1 WORD FOR EACH OF THE 6 BANDS.<br>LEFT BYTE: LOWER BOUNDARY<br>RIGHT BYTE: UPPER BOUNDARY |
| 78/91 | KEV | 14 CHANNEL BOUNDARIES (13 CHANNELS)<br>THE NUMBER MUST BE DIVIDED BY 100<br>TO GET KEV VALUE. |
| 92 | # OF OVERFLOW'S | |
| 93/156 | OVERFLOW ADDRESSES (MAX. 64) | |
| 157/158 | | FPSS-PITCH |
| 159/160 | | FPSS-YAW |
| 161/162 | | FPSS-ROLL |
| 163/192 | SPARES | |

IMAGE DATA

| | | |
|---|---|---|
| 193/ 768 | ENERGY-BAND 1 | |
| 769/1344 | " " 2 | |
| 1345/1920 | " " 3 | |
| 1921/2496 | ENERGY BAND 4 | |
| 2497/3072 | " " 5 | |
| 3073/3648 | " " 6 | |

TRAILER

| WORD # | NAME | SPECIFICATION |
|---|---|---|
| 3649/3662 | RATES | (7 REALS) |
| 3663/3678 | MONITORS | 16 INTEGERS |
| 3679/3806 | TRANSFER | MAXIMAL 128 DATA TRANSFER PULSE RATES (NUMBER EQUALS DURATION #) |
| 3807/3840 | SPARE | (34) |

SMM

U.V. SPECTROMETER DATA

80-014A-02A SOUV-00029

This data set has been restored. There was originally one 9-track, 1600 BPI Standard-Labelled tape written in Binary. There is one restored tape. When the tape was restored, the standard-label was removed. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tape was created on a PDP11 computer and the restored tape was created on an IBM 9021 computer. The DR and DS number along with the corresponding D number is as follows:

| DR# | DS# | D# | FILES | TIME SPAN |
|---|---|---|---|---|
| DR005025 | DS005025 | D042104 | 1 - 11 | 06/29/80 - 06/29/80 |

| REQ. AGENT | RAND NO. | ACQ. AGENT |
|---|---|---|
| VPL | V0062 | DNS |

SMM

U.V. SPECTROMETER DATA

80-014A-02A

This data set catalog consists of 1 data tape. The tape is 9 track, 1600 BPI, Binary and has 33 files of data. The tape was created on an PDP computer.

Time span is as follows:

| D# | C# | TIME SPAN |
|---|---|---|
| D-42104 | C-21186 | June 29, 1980 |

11/6/80

SMM Satellite – UVSP expt.

80-014A-02(A)

Time: June 29, 1980

~~DSN = UVSP~~

DSN = UV Spectrometer Data

1600 BPI, (9 Trk, Binary)?

5 files

Please Dupe and Dump

1st 5 reels in Hex.

For CDAC

# UVSP DATA TAPES

Our experiment data is distributed to users on 9-track, 1600 BPI magnetic tapes (800 BPI also available). These tapes are in PDP "Files-11" format (a form of ANSI). This means they are multi-file tapes with volume header and file header and trailer records, as described in Attachment B. What you are interested in are the UVSP Data Files whose format is described in attachment A.

Each tape begins with an 80-character volume label (Table G-1). For each experiment data file we then have:

File header #1 (Table G-2)
" " #2 (" G-3)
UVSP Data File (as described in A)
File trailer label #1 } (cf. Attach. B, G.1.5)
" " " #2
End-of-file marker

After the last experiment data file and file trailers there will be two end-of-file marks to indicate there is no more data on the tape.

If you use a PDP computer which recognizes FILES-11 format - or one which recognizes ANSI - you mount the tape, specifying the volume identifier, and then can access the data without normally being concerned with the header and trailer records. With other computers you can simply read and ignore the extraneous information (i.e. everything but the UVSP Data Files).

One important caveat in reading this data with non-PDP computers: PDP computers have a non-standard way of representing 16-bit integers. I.e. the first 8-bit byte read in is the low-order part, contrary to IBMs (and most other U.S. computers). Therefore one should reverse all the byte pairs in integer data.

In representing 32-bit integers (as we do for wavelength step numbers), the first 16-bit word is the low-order half of the number.

R. Shine 5/80

A.

# Data Reformatter

The UVSP Project now has more sophisticated software for data reformatting. The program XMAT is run each night by the data technician. It produces files named Vxxxxx.PB on User Identification Code 200,200. xxxxx is the experiment file number with leading zeroes. The block structure of the files is described below. It features separate records for each detector and separate records for most medium to large rasters. Please be advised that this software will continue to be refined and any helpful comments are welcome.

## UVSP File Structure

| | | |
|---|---|---|
| File Header Block | 256 w | |
| Record Header Block | 256 w | Repeated for each detector and for each execution of the loops contained in the record |
| Data Blocks | n x 256 w<br>$1 \geq n > \infty$ | n = no. of data blocks |

The length of the data block is contained in the record header; all records have the same length and structure for a given file.

As an example, a Raster through the line experiment which uses two detectors, has an xyw loop, where $n_x = 20$, $n_y = 20$, $n_w = 4$, and is executed twice, produces 16 records. Each record contains a 20 x 20 array representing a single raster.

The details of the data block construction are: the first 2 non-trivial loops (starting from the inside) are examined. If the product >128, they are used to define the record "array" with dimensions $(n_1, n_2)$. If $n_1 * n_2 < 128$ the next loop length is checked. If $n_1 * n_2 * n_3 > 128$ an array $(n_1 * n_2, n_3)$ is used for the record. The next step would be to try $n_4$ if $n_3$ isn't enough. The # of executions is last in line $(n_r)$. If $n_r$ is used as the outer dimension, the record arrays are dimensioned $(n_1 * n_2 * n_3 * n_4, n)$ where $n=FIX\ (4096/(n_1 * n_2 * n_3 * n_4))$ to keep the record sizes in these cases $\leq 4096$.

EXPERIMENT FILE HEADER RECORD-- NEW FORMAT

| WORD | CONTENTS |
|---|---|
| 1 | =4 |
| 3 | =5 |
| 7 | ORBIT NO. ** NOT IMPLEMENTED YET** |
| 10-13 | START TIME(DAY,HR,MIN,SEC) |
| 14-17 | STOP TIME |
| 20 | NO. OF LOGICAL RECORDS |
| 21 | NO.WORDS PER LOG.REC. |
| 22 | STATION NO. |
| 23 | PITCH (ARC.SEC.*10) |
| 24 | YAW ( " " " ) |
| 25 | ROLL (DEG.*100) |
| 27 | XCEN- RASTER X CENTER |
| 28 | YCEN- RASTER Y CENTER |
| 49 | YEAR(E.G. 1980) |
| 55 | DETECTOR BALANCE FACTOR |
| 56 | NEST INTERVAL CODE FOR POLARIMETER(0=INNER) |
| 57 | " " " " RASTER X |
| 58 | " " " " RASTER Y |
| 59 | " " " " WLD |
| 60 | EXPERIMENT TYPE |
| 61 | NO. OF DETECTORS USED |
| 62 | SCI # |
| 63 | DETECTOR WORD(8 BITS) |
| 64 | POLR. STATUS (0=OUT, 1= A-IN, 2=B-IN) |
| 65 | SLIT # |
| 67-68 | STARTING WLD STEP #(INTEGER*4) |
| 69-70 | ENDING " " " |
| 73-74 | GATE TIME(SEC.) (FL.PT.) |
| 75 | RASTER DX |
| 76 | RASTER DY |
| 78 | NO. OF WLD STEPS |
| 79 | WLD STEP SIZE(DW) |
| 82 | REPEAT COUNT(# OF TIMES TO DO EXP.) |
| 83 | RASTER SIZE(NX*NY) |
| 84 | NO. OF POLR. POSITIONS |
| 85 | POLR. STEP SIZE |
| 86 | THRESHOLD LEVEL(DMA 7720) |
| 87 | SLIT LETTER CODE |
| 88 | CAL. WLD STEP |
| 89 | TACHOMETER INTERVAL |
| 90 | CAL.NEST INTERVAL |
| 97 | EXPERIMENT NO. |
| 98 | 1ST DIMENSION |
| 99 | 2ND DIMENSION |
| 105-106 | WLD POSITION AT IMAX [BEGINNING 6-17-80] |
| 134 | MOST RECENT FLARE X COORD. |
| 135 | MOST RECENT FLARE Y COORD. |
| 138 | 1ST DETECTOR # |
| 139 | 2ND " |
| 140 | 3RD " |
| 141 | 4TH " |
| 142 | NO. RASTER X VALUES(NX) |
| 143 | NO. RASTER Y VALUES(NY) |
| 144 | CALIBRATION INTERVAL(=0 IF NO CAL.) |
| 145-158: | EXP. RESULTS FROM DMA(INCLUDE LMAX, WORDS 105-6) [BEGINNING 6-17-80] |
| 145 | IMIN/2 |
| 146 | MIN X |
| 147 | MIN Y |
| 148 | IMAX |
| 149 | MAX X |
| 150 | MAX Y |
| 151 | BLUE VEL. |
| 152 | BLUE INT. |
| 153 | BLUE X |
| 154 | BLUE Y |
| 155 | RED VEL. |
| 156 | RED INT. |
| 157 | RED X |
| 158 | RED Y |
| 159-174: | START-OF-EXPERIMENT DATA |
| 159 | SCI WORD |
| 160 | LIST INSTRUCTION REG.(JR) |
| 161 | LIST PROGRAM CTR.(JR) |
| 162 | OBS. LIST SEQUENCE(JR) |
| 163-71 | OBSERVING LIST |
| 172 | EXP. NO. |
| 173 | XCEN |
| 174 | YCEN |
| 175 | WLD SCAN TYPE(1=ABS, 2=GBL OFFSET, 3=LCL OFFSET) |

VERSION # 4 7721700

RECORD HEADER

| WORD | CONTENTS |
|---|---|
| 1 | 144444 (OCTAL) SYNCH PATTERN |
| 2 | 144444 " " |
| 3 | DIMENSION 1 |
| 4 | DIMENSION 2 |
| 5 | 64077 (OCTAL) INTEGER CODE (I.E., DATA IS INTEGER TYPE) |
| 6 | # OF DATA POINTS (NOT INCLUDING EMPTY LOOPS) |
| 7 | DETECTOR # |
| 13 | RECORD # |
| 20-21 | 30 BIT CLOCK FOR FIRST DATA POINT IN RECORD (I*4) |
| 22 | YEAR (E.G. 80) |
| 23 | MONTH # |
| 24 | DAY OF MONTH |
| 25 | HOUR |
| 26 | MINUTE |
| 27 | SECOND |
| 28 | MS |
| 29 | DOY |
| 48-79 | STATUS MONITOR AT START OF REC (CHANS. 63,0-30) |
| 80 | # OF SERVO ADJUSTMENTS IN THIS RECORD |
| 81 | TOTAL SERVO SHIFT IN STEPS |
| 100 | # OF ACTUAL DATA POINTS FOUND |
| 101-102 | MEAN TIME BETWEEN DATA POINTS IN INNER LOOP IN UNITS OF 16 MS (FL) |
| 103,104 | MAXIMUM TIME GAP FOUND (FL PT) |
| 105-106 | MINIMUM " " " " |
| 107-108 | STANDARD DEVIATION (SAMPLE) (FL PT) |
| 109 | # OF INNER LOOPS |
| 110 | COUNT OF NEXT LOOP |
| 111 | COUNT OF NEXT LOOP |
| 112 | COUNT OF NEXT LOOP |
| 113 | COUNT OF EXECUTIONS IN THIS RECORD (OFTEN 0) |
| 114-115 | MEAN TIME BETWEEN INNER LOOPS |
| 116-117 | MEAN TIME BETWEEN 2ND LOOPS |
| 118-119 | MEAN TIME BETWEEN 3RD LOOPS |
| 120-121 | MEAN TIME BETWEEN OUTER LOOPS |
| 122-123 | MEAN TIME BETWEEN EXECUTIONS |
| 124-125 | MAX TIME BETWEEN INNER LOOPS |
| 126-127 | MAX FOR NEXT |
| 128-129 | MAX FOR NEXT |
| 130-131 | MAX FOR OUTER |
| 132-133 | MAX FOR EXECUTIONS |
| 134-135 | MIN TIME BETWEEN INNER LOOPS |
| 136-137 | MIN FOR NEXT |
| 138-139 | MIN FOR NEXT |
| 140-141 | MIN FOR OUTER |
| 142-143 | MIN FOR EXECUTIONS |
| 144-145 | STANDARD DEVIATION FOR INNER LOOP MEAN TIME |
| 146-147 | " " " NEXT LOOP |
| 148-149 | " " " NEXT LOOP |
| 150-151 | " " " OUTER LOOP |
| 160-223 | DMA AT START OF RECORD (7777,7700-7776) |
| 224-255 | STATUS MONITOR AT START OF RECORD (CHANS. 31-62) |

NOTE - STATUS MONITOR DATA IN TWO SEGMENTS

From "IAS/RSX-11 I/O Operations Reference

B.

# APPENDIX G

# SUPPORT OF ANSI MAGNETIC TAPE STANDARD

This appendix defines the ANSI magnetic tape labeling standard, which is a level three implementation of the June 19, 1974 Proposed Revision to the ANSI standard Magnetic Tape Labels and File Structure for Information Interchange (X3.27-1969). The only exception is that ANSI does not support spanned records.

## G.1 VOLUME AND FILE LABELS

Tables G-1, G-2, and G-3 present the format of volume labels and file-header labels.

### G.1.1 Volume Label Format

Table G-1
Volume Label Format

| CHARACTER POSITION | FIELD NAME | LENGTH IN BYTES | CONTENTS |
|---|---|---|---|
| 1-3 | Label identifier | 3 | VOL |
| 4 | Label number | 1 | 1 |
| 5-10 | Volume identifier | 6 | Volume label. Any alphanumeric or special character in the center four columns of the ASCII code table. |
| 11 | Accessibility | 1 | Any alphanumeric or special character in the center four columns of the ASCII code table. A space indicates no restriction. All volumes produced by IAS or RSX-11 have a space in this position. |
| 12-37 | Reserved | 26 | Spaces |

(continued on next page)

Table G-1 (Cont.)
Volume Label Format

| CHARACTER POSITION | FIELD NAME | LENGTH IN BYTES | CONTENTS |
|---|---|---|---|
| 38-51 | Owner identification | 14 | The contents of this field are system-dependent and are used for volume protection purposes. See Section G.1.1.1 below. |
| 52-79 | Reserved | 28 | Spaces. |
| 80 | Label standard version | 1 | 1 |

G.1.1.1 Contents of Owner Identification Field - The owner identification field is divided into the following three subfields and a single pad character:

1. System identification (positions 38 through 40),
2. Volume protection code (positions 41 through 44),
3. UIC (positions 45 through 50),
4. Pad character of one space (position 51).

The system identification consists of the following character sequence.

D%x

x is the machine code and can be one of the following.

8 - PDP-8
A - DECsystem-10
B - PDP-11
F - PDP-15

The D%x characters provide an identification method so that the remaining data in the owner identification field can be interpreted. In the case of tapes produced on PDP-11 systems, the system identification is D%B and the volume protection code and UIC are interpreted as described below.

The volume protection code in positions 41 through 44 defines access protection for the volume for four classes of users. Each class of user has access privileges specified in one of the four columns, as follows.

| Position | Class |
|---|---|
| 41 | System (UIC no greater than [7,255]) |
| 42 | Owner (group and member numbers match) |
| 43 | Group (group number matches) |
| 44 | World (any user not in one of the above) |

One of the following access codes can be specified for each character position.

| Code | Privilege |
|---|---|
| 0 | No access |
| 1 | Read only |
| 2 | Extend (append) access |
| 3 | Read/extend access |
| 4 | Total access |

The UIC is specified in character positions 45 through 50. The first 3 characters are the group code in decimal. The next 3 are the user code in decimal.

The last character in the owner identification field is a space.

The following is an example of the owner identification field.

Owner identifier - D%B1410051102_ (_ indicates space)

1. The file was created on a PDP-11.

2. System and group have read access.
   Owner has total access.
   All others are denied access.

3. The UIC is [051,102].

### G.1.2 User Volume Labels

User volume labels are never written or passed back to the user. If present, they are skipped.

### G.1.3 File-Header Labels

The following information should be kept in mind when creating file-header labels.

- The Files-11 naming convention uses a subset (Radix-50) of the available ANSI character set for file identifiers.
- One character in the file identifier, the period (.), is fixed by Files-11.
- A maximum of 13 of the 17 bytes in the file identifier are processed by Files-11.
- It is strongly recommended that all file identifiers be limited to the Radix-50 PDP-11 character set and that no character other than the period (.) be used in the file type delimiter position for data interchange between PDP-11 and DECsystem-10 systems.
- For data interchange between DIGITAL and nonDIGITAL systems, the conventions listed above should be followed. If they are not, refer to Section G.1.3.1.

Tables G-2 and G-3 describe the HDR1 and HDR2 labels respectively.

Table G-2
File-Header Label (HDR1)

| CHARACTER POSITION | FIELD NAME | LENGTH IN BYTES | CONTENT |
|---|---|---|---|
| 1-3 | Label identifier | 3 | HDR |
| 4 | Label number | 1 | 1 |
| 5-21 | File identifier | 17 | Any alphanumeric or special character in the center four columns of the ASCII code table. |
| 22-27 | File set identifier | 6 | Volume identifier of the first volume in the set of volumes. |
| 28-31 | File section number | 4 | Numeric characters. This field starts at 0001 and is increased by 1 for each additional volume used by the file. |
| 32-35 | File sequence number | 4 | File number within the volume set for this file. This number starts at 0001. |
| 36-39 | Generation number | 4 | Numeric characters. |
| 40-41 | Generation version | 2 | Numeric characters. |
| 42-47 | Creation date | 6 | _yyddd (_ indicates space)<br>or<br>_00000 if no date. |
| 48-53 | Expiration date | 6 | Same format as creation date. |
| 54 | Accessibility | 1 | Space. |
| 55-60 | Block count | 6 | 000000 |
| 61-73 | System code | 13 | The three letters DEC followed by name of the system that produced the volume. See Section G.1.1.1.<br><br>Examples: DECFILE11A<br>DECSYSTEM10<br><br>Pad name with spaces. |
| 74 | Reserved | 7 | Spaces. |

Table G-3
File Header Format (HDR2)

| CHARACTER POSITION | FIELD NAME | LENGTH IN BYTES | CONTENT |
|---|---|---|---|
| 1-3 | Label identifier | 3 | HDR |
| 4 | Label number | 1 | 2 |
| 5 | Record format | 1 | F - fixed length<br>D - variable length<br>S - spanned<br>U - undefined |
| 6-10 | Block length | 5 | Numeric characters. |
| 11-15 | Record length | 5 | Numeric characters. |
| 16-50 | System-dependent information | 35 | Positions 16 through 36 are spaces.<br><br>Position 37 defines carriage control and can contain one of the following:<br><br>A - first byte of record contains FORTRAN control characters,<br><br>space - line feed/carriage return is to be inserted between records,<br><br>M - the record contains all form-control information.<br><br>If DEC appears in positions 61 through 63 of HDR1, position 37 must be as specified above.<br><br>Positions 38 through 50 contain spaces. |
| 51-52 | Buffer offset | 2 | Numeric characters. 00 on tapes produced by Files-11. Not supported on input to Files-11. |
| 53-80 | Reserved | 28 | Spaces. |

G.1.3.1 File Identifier Processing by Files-11 - The following steps describe the processing of a file identifier by Files-11.

1. The first 9 characters at a maximum are processed by an ASCII to Radix-50 converter. The conversion continues until one of the following occurs:

   A conversion failure,
   9 characters are converted,
   A period (.) is encountered.

2. If the period is encountered, the next 3 characters after the period are converted and treated as the file type. If a failure occurs or all 9 characters are converted, the next character is examined for a period. If it is a period, it is skipped and the next 3 characters are converted and treated as the file type.

3. The version number is derived from the generation number and the generation version number as follows.

   (generation number - 1)*100 + generation version + 1

   If an invalid version number is computed, it will be changed to 1.

At file output, the file identifier is handled as follows.

1. The filename is placed in the first positions in the file identifier field. It can occupy up to 9 positions. It is followed by a period.

2. The file type of up to 3 characters is placed after the period. The remaining spaces are padded with spaces.

3. The version number is then placed in the generation and generation version number fields as described in the following formulas.

   a. $$\text{generation number} = \left(\frac{\text{version \# - 1 + 1}}{100}\right)$$

   b. $$\text{generation version \#} = \left(\frac{\text{version \# - 1}}{\text{Modulo 100}}\right)$$

NOTE

In both calculations, remainders are ignored.

The following are examples.

| FILES-11 VERSION # | GENERATION # | GENERATION VER # |
|---|---|---|
| 1 | 1 | 0 |
| 50 | 1 | 49 |
| 100 | 1 | 99 |
| 101 | 2 | 0 |
| 1010 | 11 | 9 |

### G.1.4 End-of-Volume Labels

End-of-volume labels are identical to the file-header labels with the following exceptions:

1. Character positions 1 through 4 contain EOV1 and EOV2 instead of HDR1 and HDR2, respectively.

2. The block-count field contains the number of records in the last file section on the volume.

### G.1.5 File-Trailer Labels

End-of-file labels (file-trailer labels) are identical with file-header labels, with the following exceptions:

1. Columns 1 through 4 contain EOF1 and EOF2 instead of HDR1 and HDR2, respectively.

2. The block count contains the number of data blocks in the file.

### G.1.6 User File Labels

User file labels are never written or passed back to the user. If present, they are skipped.

## G.2 FILE STRUCTURES

The file structures illustrated below are the types of file and volume combinations that the file processor produces. Additional sequences can be read and processed by the file processor.

The minimum block size and fixed length record size is 18 bytes. The maximum block size is 8192 bytes.

If HDR2 is not present, the data type is assumed to be fixed (F) and the block size and record size are assumed to be the default value for the file processor. 512 decimal bytes is the default for both block and record size.

The meaning of graphics used in the file structure illustrations is as follows.

1. * indicates a tape mark,

2. BOT indicates beginning of tape,

3. EOT indicates end of tape,

4. , indicates the physical record delimiter.

### G.2.1 Single File Single Volume

BOT,VOL1,HDR1,HDR2*---DATA---*EOF1,EOF2**

### G.2.2 Single File Multivolume

BOT,VOL1,HDR1,HDR2*---DATA---*EOV1,EOV2**

BOT,VOL1,HDR1,HDR2*---DATA---*EOF1,EOF2**

### G.2.3 Multifile Single Volume

BOT,VOL1,HDR1,HDR2*---DATA---*EOF1,EOF2*HDR1,HDR2*---DATA--*EOF1,EOF2**

### G.2.4 Multifile Multivolume

BOT,VOL1,HDR1,HDR2*--DATA--*EOF1,EOF2*HDR1,HDR2*--DATA--*EOV1,EOV2**

BOT,VOL1,HDR1,HDR2*--DATA--*EOF1,EOF2*HDR1,HDR2*--DATA--*EOF1,EOF2**

## G.3 END-OF-TAPE HANDLING

End-of-tape is handled automatically by the magnetic tape file processor. Files are continued on the next volume provided that the volume is already mounted or mounted upon request. A request for the next volume is printed on CO (console output pseudo-device).

## G.4 ANSI MAGNETIC TAPE FILE HEADER BLOCK (FCS COMPATIBLE)

Figure G-1 illustrates the format of a file-header block that is returned by the file header READ ATTRIBUTE command for ANSI magnetic tape. The header block is constructed by the magnetic tape primitive from data within the tape labels.

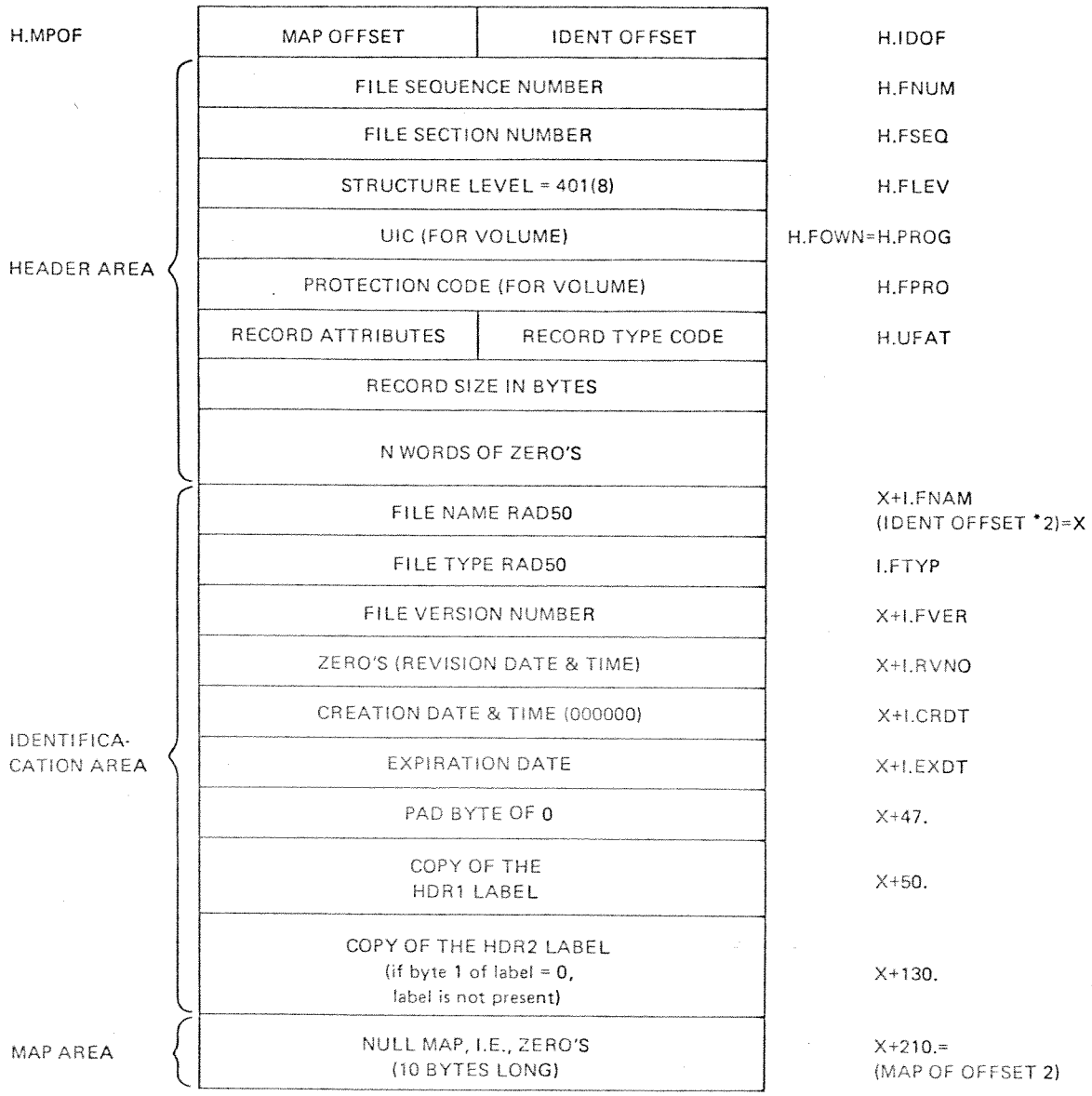


Figure G-1 ANSI Magnetic Tape File-Header Block (FCS Compatible)

D-42104

SMM

June 29, 1980

DUMP OF TAPE X-403

INPUT TAPE X-403 ON MT4
DATA INPUT H9 NF 33 SR 2 1 5 SR 2 LAST 5 SR 5 1 5 SR 5 LAST 5
DATA INPUT SR 8 1 5 SR 8 LAST 5 SR 11 1 5 SR 11 LAST 5 SR 14 1 5 SR 14 LAST 5
DATA INPUT SR 17 1 5 SR 17 LAST 5 SR 20 1 5 SR 20 LAST 5 SR 23 1 5 SR 23 LAST 5
DATA INPUT SR 26 1 5 SR 26 LAST 5 SR 29 1 5 SR 29 LAST 5 SR 32 1 5 SR 32 LAST 5

FILE 1 RECORD 1 LENGTH 80BYTES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 564F4C31 | 46445445 | 53542020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20442542 |
| ( 40) | 34343331 | 30303130 | 30313120 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202031 |

FILE 1 RECORD 2 LENGTH 80BYTES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 48445231 | 56303531 | 36392E46 | 44202020 | 20202020 | 20464454 | 45535430 | 30303130 | 30303130 | 30303130 |
| ( 40) | 30203830 | 32393720 | 38303239 | 37203030 | 30303030 | 44454346 | 494C4531 | 31412020 | 20202020 | 20202020 |

FILE 1 RECORD 3 LENGTH 80BYTES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 48445232 | 46303035 | 31323030 | 35313220 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 40202020 |
| ( 40) | 20202020 | 20202020 | 20203030 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |

| FILE | INPUT RECS. | DATA RECORDS INPUT | MAX. SIZE | READ ERROR SUMMARY PERM | ZERO B | SHORT | UNDEF. | INPUT RETRIES #RECS. | TOTAL# |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3 | 6 | 80 | 0 | 0 | 0 | 0 | 0 | 0 |

FILE 2 RECORD 3 LENGTH 512BYTES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 03000200 | 05000300 | 01000500 | 04000300 | 03000400 | 02000500 | 03000700 | 03000700 | 0A000400 | 04000200 |
| ( 40) | 05000500 | 03000400 | 03000300 | 02000600 | 09000200 | 09000000 | 06000500 | 05000500 | 05000300 | 06000300 |
| ( 80) | 03000500 | 00000500 | 04000200 | 05000500 | 08000C00 | 04000200 | 09000500 | 03000400 | 0C000200 | 05000800 |
| ( 120) | 09000000 | 02000500 | 05000800 | 01000600 | 08000200 | 03000300 | 00000100 | 04000000 | 02000500 | 01000200 |
| ( 160) | 07000400 | 02000400 | 0A000600 | 05000700 | 0B000A00 | 05000200 | 04000100 | 05000700 | 04000200 | 02000700 |
| ( 200) | 02000600 | 02000200 | 07000100 | 00000200 | 05000400 | 03000300 | 04000400 | 04000300 | 01000500 | 02000500 |
| ( 240) | 08000300 | 03000500 | 05000700 | 04000400 | 06000100 | 01000600 | 09000500 | 0A000600 | 05000D00 | 0A000900 |
| ( 280) | 12000A00 | 10000D00 | 07000600 | 03000100 | 02000600 | 07000300 | 06000600 | 0B000600 | 02000100 | 09000200 |
| ( 320) | 02000000 | 03000100 | 05000300 | 02000100 | 06000300 | 04000600 | 06000300 | 01000100 | 03000300 | 00000200 |
| ( 360) | 07000400 | 06000200 | 05000200 | 04000700 | 03000500 | 02000300 | 0B000400 | 0A000600 | 06000B00 | 14002200 |
| ( 400) | 2D004500 | 67003E00 | 35001F00 | 1E000D00 | 08000E00 | 05000600 | 0A000900 | 05000500 | 03000600 | 01000200 |
| ( 440) | 04000700 | 0A000600 | 01000200 | 02000400 | 07000500 | 06000300 | 05000100 | 03000600 | 06000100 | 01000300 |
| ( 480) | 06000300 | 03000100 | 02000200 | 07000300 | 03000200 | 07000300 | 06000200 | 06000200 | | |

FILE 2 RECORD 4 LENGTH 512BYTES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 06000600 | 00000200 | 00000200 | 08000200 | 05000500 | 06000100 | 0A000400 | 03000200 | 05000400 | 04000100 |
| ( 40) | 03000300 | 04000600 | 04000900 | 06000700 | 09000300 | 03000200 | 03000500 | 04000600 | 01000200 | 03000500 |
| ( 80) | 02000300 | 06000100 | 03000300 | 02000200 | 04000400 | 01000000 | 03000600 | 06000200 | 0B000400 | 03000400 |
| ( 120) | 05000800 | 05000400 | 02000000 | 03000000 | 05000300 | 0A000400 | 08000900 | 0A000A00 | 06000400 | 01000600 |
| ( 160) | 04000300 | 06000400 | 03000300 | 05000500 | 03000400 | 06000800 | 06000500 | 02000500 | 00000100 | 04000100 |
| ( 200) | 05000300 | 02000000 | 04000700 | 00000200 | 02000200 | 02000100 | 04000300 | 04000300 | 05000400 | 04000500 |
| ( 240) | 08000400 | 04000700 | 09000F00 | 0B000800 | 07000600 | 03000200 | 05000600 | 02000800 | 04000500 | 02000900 |
| ( 280) | 04000800 | 05000600 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 320) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | | |

FILE 2 RECORD 5 LENGTH 512BYTES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 24C924C9 | 90010100 | 3F689001 | 04000000 | 00000000 | 00000000 | 02000000 | 00000000 | 00000000 | 00000F335 |
| ( 40) | A3185000 | 06001D00 | 32000800 | 2B009800 | B5000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 80) | 00000000 | 00000000 | 00000000 | 00004E01 | BC00FA01 | A0027503 | EF009802 | 5202A902 | 38005401 | 14020000 |
| ( 120) | 91 09702 | 0009C001 | EA000000 | 19020002 | 43000102 | 04027F01 | 9C00B501 | 14020000 | F5 03F02 | 5C020000 |
| ( 160) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00009001 |
| ( 200) | A04384AE | A8430000 | 9C430000 | E5436FB4 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 240) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 280) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 7D000080 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 400) | 97000000 | 04005F00 | 87000000 | F0001FFF | 0100FEB6 | 0CCC2CD8 | 00000000 | C0000100 | 51000700 | AF100000 |
| ( 440) | 0A000000 | 0000A102 | 4700FF01 | 68020002 | 7A00F401 | 47023602 | AD00B601 | 14020000 | E000ED01 | 3C028403 |
| ( 480) | 03003602 | D801A601 | FE014502 | 77006F00 | FE01B601 | 14020000 | FE017801 | C0030000 | | |

FILE 2 RECORD 6 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 03000503 | 07000600 | 06000800 | 0B000800 | 11000700 | 08000700 | 0B000A00 | FB000800 | 07000300 | 0C000200 |
| ( 40) | 07000500 | 05000500 | 0A000400 | 04000500 | 05000400 | 02000700 | 06000400 | 05000400 | 01000400 | 02000700 |
| ( 80) | 05000700 | 10000800 | 05000400 | 09000400 | 0C000700 | 07000C00 | 07000200 | 02000400 | 06000300 | 04000700 |
| ( 120) | 04000200 | 06000300 | 04000400 | 06000100 | 07000700 | 03000700 | 07000700 | 06000300 | 06000500 | 03000400 |
| ( 160) | 02000300 | 04000500 | 0B0005 0 | 05000600 | 05000200 | 05000300 | 08000600 | 04000200 | 06000500 | 01000200 |
| ( 200) | 05000400 | 03000500 | 05000300 | 06000800 | 04000300 | 07000C00 | 09000700 | 04000400 | 06000800 | 07000D00 |
| ( 240) | 0C000A00 | 03000800 | 02000200 | 04000400 | 01000300 | 04000700 | 05000600 | 04000600 | 02000800 | 03000300 |
| ( 280) | 02000600 | 08000200 | 0A000900 | 0B000800 | 07000400 | 06000700 | 0B000700 | 0A000B00 | 06000200 | 03000600 |
| ( 320) | 04000600 | 02000300 | 06000700 | 04000600 | 07000600 | 03000500 | 0C000A00 | 04000700 | 02000700 | 0E000500 |
| ( 360) | 02000600 | 01000700 | 06000600 | 05000300 | 05000600 | 07000600 | 03000800 | 07000A00 | 03000600 | 06000A00 |
| ( 400) | 0D001A00 | 17001300 | 19000C00 | 05000A00 | 0E000300 | 05000700 | 06000700 | 0D000900 | 0E000C00 | 07000600 |
| ( 440) | 05000900 | 08000500 | 09000700 | 08000A00 | 02000400 | 07000500 | 05000900 | 03000C00 | 07000200 | 07000200 |
| ( 480) | 05000600 | 05000400 | 0A000A00 | 07000500 | 09000700 | 06000400 | 0A000900 | 07000F00 | | |

FILE 2 RECORD 7 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 0E000F00 | 14002100 | 2F004200 | 4F007C00 | A6009500 | 80005600 | 39002A00 | 14001100 | 10000B00 | 09000C00 |
| ( 40) | 0A000F00 | 03000900 | 04000400 | 09000600 | 07000000 | 04000200 | 06000500 | 03000500 | 05000900 | 04000200 |
| ( 80) | 05000600 | 06000200 | 06000900 | 04000400 | 05000100 | 06000100 | 04000600 | 03000500 | 07000500 | 09000500 |
| ( 120) | 03000800 | 02000A00 | 06000300 | 06000400 | 06000500 | 07000500 | 03000500 | 06000500 | 06000200 | 08000400 |
| ( 160) | 02000500 | 05000A00 | 04000700 | 0E000F00 | 0E001100 | 0D000D00 | 05000700 | 09000400 | 07000400 | 01000200 |
| ( 200) | 05000A00 | 05000400 | 03000600 | 08000900 | 05000800 | 03000500 | 04000500 | 06000500 | 09000600 | 0C001200 |
| ( 240) | 08000400 | 09000500 | 09000600 | 09000400 | 0B000600 | 06000400 | 04001000 | 11001500 | 15000E00 | 0F000A00 |
| ( 280) | 06000700 | 08000600 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 320) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | | |

| FILE | INPUT RECS. | DATA RECORDS INPUT | MAX. SIZE | READ ERROR SUMMARY PERM | ZERO B | SHORT | UNDEF. | INPUT RETRIES #RECS. | TOTAL# |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 7 | 12 | 512 | 0 | 0 | 0 | 0 | 0 | 0 |

FILE 5 RECORD 1 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 04000600 | 05000000 | 00000000 | 00000000 | 0000B500 | 02001100 | 2400B500 | 02001500 | 36000000 | 00000200 |
| ( 40) | 100E4300 | B41109E1 | 00000000 | 89008900 | 201C0000 | FFFF0009 | 80070006 | 00000000 | 00000000 | 00000000 |
| ( 80) | 00000000 | 00000000 | 00000000 | 00000000 | BC070000 | 0C000200 | 00000000 | 00000200 | 00000100 | 03000500 |
| ( 120) | 02000000 | A0000000 | 0A000000 | 0CB30100 | 0CB30100 | 00000000 | 813E2506 | 04000400 | 00000000 | 00000000 |
| ( 160) | 00000100 | 100E0000 | 00000500 | 53000000 | 0100FFFF | 00000000 | 00000000 | 00000000 | 32143C00 | 3C000000 |
| ( 200) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | C0000000 | 00000000 | 00000000 |
| ( 240) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00004400 | BA000000 | 00000100 | 04000000 |
| ( 280) | 00003C00 | 3C000000 | 00001300 | 13000903 | 77008700 | 3C000300 | F3001300 | 1E000400 | 1B008300 | 00285001 |
| ( 320) | 06001080 | 0B0485A0 | 00800000 | 04000000 | 3C3C0021 | 017E3214 | 89008900 | 02000000 | 00000000 | 00000000 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | C0000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | C0000000 | | |

FILE 5 RECORD 2 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 24C924C9 | 3C003C00 | 3F68100E | 01000000 | 00000000 | 00000000 | 01000000 | 00000000 | 00000000 | 00F046B8 |
| ( 40) | A31B5000 | 06001D00 | 02001100 | 2400C103 | B5000000 | 00000000 | 00000000 | 00000000 | C0000000 | 00000000 |
| ( 80) | 00000000 | 00000000 | 00000000 | 00004E01 | 13002800 | AC027903 | 0C018C02 | 5402AA02 | 0C018301 | 14020000 |
| ( 120) | 0C019702 | 0000C901 | 0C010000 | A3038602 | 0C010102 | 9002CE02 | 0C01B301 | 14020000 | 0C014202 | 60020000 |
| ( 160) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0000100E |
| ( 200) | 894141C3 | C0410000 | 80410000 | 38400A1D | 3C000000 | 0C0C0000 | 00008644 | DD17C000 | 00000000 | 0C000000 |
| ( 240) | 00000000 | 00008644 | 00800000 | 00000000 | 00000000 | 00000000 | 00008644 | 00000000 | 00000000 | 00000000 |
| ( 280) | 00000000 | 0000C93F | CAAF0000 | 00000000 | 00000000 | 0C000000 | 00000000 | 00000000 | 00000000 | 12000000 |
| ( 320) | 50010600 | 10800B04 | 85A00080 | 00000400 | 0003C3C | 0021017E | 32148900 | 89000500 | 01000CB3 | 32007100 |
| ( 360) | 00000000 | 00000000 | 00000000 | 01004400 | BA000000 | 13001300 | 01000CB3 | C1002F00 | 13001400 | 03F0F300 |

DUMP OF TAPE X-403

INPUT TAPE X-403 ON MT4
DATA INPUT H9 NF 33 SR 32 1 5 SR 32 LAST 5

| FILE | INPUT RECS. | DATA RECORDS INPUT | MAX. SIZE | READ ERROR SUMMARY PERM | ZERO B | SHORT | UNDEF. | INPUT RETRIES #RECS. | TOTAL# |
|---|---|---|---|---|---|---|---|---|---|
| | 1 3 | 3 | 80 | 0 | 0 | 0 | 0 | 0 | 0 |

FILE 32 RECORD 1 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 04000600 | 05000000 | 00000000 | 00000000 | 0000B500 | 13000000 | 0900B500 | 13000300 | 00000000 | 00000900 |
| ( 40) | 40024000 | 7D11DADF | 00000000 | 8C007300 | 300F0000 | FFFF0009 | 80050003 | 00000000 | 00000000 | 00000000 |
| ( 80) | 00000000 | 00000000 | 00000000 | 00000000 | BC070000 | 00000200 | 01000000 | 00000200 | 00000100 | 03000100 |
| ( 120) | 03000000 | A3000000 | 12000000 | 7AD50100 | 7AD50100 | 00000000 | 813E2506 | 0A000A00 | 00000000 | 03000000 |
| ( 160) | 00000A00 | 40020000 | 00000500 | 4E000000 | 0100FFFF | 00000000 | 00000000 | 00000000 | 88141800 | 18000000 |
| ( 200) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 240) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00006400 | 9A000000 | 00000100 | 04000300 |
| ( 280) | 00001800 | 18000000 | 00001900 | 00003D00 | 4100BE00 | 30000300 | 91001E00 | 27002200 | EBC0D200 | 00BEE034 |
| ( 320) | 36032080 | 00048143 | 0080CC01 | 28007000 | 18188052 | 017E8814 | 8C007300 | 02000000 | 00000000 | 00000000 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | | |

FILE 32 RECORD 2 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 24C924C9 | 18001800 | 3F684002 | 01000000 | 00000000 | 00000000 | 01000000 | 00000000 | 00000000 | 00000016 |
| ( 40) | DD1B5000 | 06001D00 | 13000000 | 0900D902 | B5000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 80) | 00000000 | 00000000 | 00000000 | 00004E01 | 7A012803 | A7029903 | 7A016B02 | 7502AB02 | 7A01D501 | 24020000 |
| ( 120) | 7A019802 | 0000CD01 | 7A010000 | EA03B502 | 7A010102 | 9202FF03 | 7A01D501 | 24020000 | 7A011202 | 61020000 |
| ( 160) | 00000000 | 00000000 | 00000000 | 00000000 | 00000100 | 00000000 | 00000000 | 00000000 | 00000000 | 00004002 |
| ( 200) | 07426421 | 20420000 | 00420000 | 55403342 | 18000000 | 00000000 | 00005444 | 59C80000 | 00000000 | 00000000 |
| ( 240) | 00000000 | 00005644 | 00000000 | 00000000 | 00000000 | 00000000 | 00005444 | 00000000 | 00000000 | 00000000 |
| ( 280) | 00000000 | 00007F40 | D8A20000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 01000086 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00406400 | 9A000000 | 19000000 | 01007AD5 | 0300F500 | 00002800 | 02000D00 |
| ( 400) | 00001400 | 02015500 | 00000000 | F00010FF | 01007AD5 | 00002CD8 | 00000200 | 00000100 | 1A510700 | EFD00000 |
| ( 440) | 02000200 | 1000A102 | 7A010302 | 6C02F502 | 7A01F801 | 4B023702 | 7A01D501 | 24020000 | 7A03EE01 | 30028403 |
| ( 480) | 7A013702 | D901A901 | 7A014A02 | 4B014001 | 7A01D501 | 24020000 | 7A017B01 | 00030000 | | |

FILE 32 RECORD 3 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 00000100 | 02000100 | 01000000 | 02000000 | 01000000 | 01000100 | 01000100 | 02000000 | 02000100 | 03000000 |
| ( 40) | 00000100 | 05000100 | 01000000 | 03000000 | 01000000 | 00000300 | 01000100 | 02000100 | 02000100 | 01000100 |
| ( 80) | 02000300 | 02000200 | 00000100 | 02000300 | 00000100 | 01000300 | 00000200 | 01000000 | 00000100 | 00000200 |
| ( 120) | 01000100 | 01000000 | 00000100 | 01000300 | 06000100 | 02000200 | 01000100 | 01000300 | 00000500 | 00000000 |
| ( 160) | 03000100 | 01000300 | 05000400 | 03000300 | 01000100 | 02000200 | 01000300 | 07000100 | 01000200 | 01000300 |
| ( 200) | 01000100 | 00000200 | 01000400 | 02000200 | 01000200 | 02000400 | 03000200 | 01000300 | 02000200 | 00000000 |
| ( 240) | 04000300 | 01000600 | 00000200 | 00000000 | 02000200 | 01000500 | 04000200 | 05000400 | 03000400 | 01000400 |
| ( 280) | 01000200 | 05000200 | 02000200 | 02000000 | 00000100 | 01000200 | 04000000 | 02000300 | 00000700 | 01000500 |
| ( 320) | 02000100 | 01000500 | 04000300 | 03000300 | 00000200 | 02000300 | 06000000 | 02000100 | 04000200 | 03000200 |
| ( 360) | 05000000 | 04000100 | 03000200 | 03000500 | 01000300 | 00000100 | 02000200 | 01000200 | 00000100 | 04000000 |
| ( 400) | 02000100 | 06000500 | 05000100 | 03000000 | 02000700 | 00000700 | 02000300 | 05000700 | 03000700 | 01000000 |
| ( 440) | 02000600 | 00000700 | 03000500 | 02000300 | 06000700 | 02000400 | 07000400 | 06000500 | 04000200 | 03000400 |
| ( 480) | 03000100 | 05000100 | 05000A00 | 02001500 | 04000300 | 05000300 | 05000500 | 03000B00 | | |

FILE 32 RECORD 4 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 07000800 | 0C000C00 | 09000B00 | 08000400 | 03000300 | 02000700 | 05000600 | 09000300 | 07000400 | 07000500 |
| ( 40) | 06000400 | 07000900 | 07000700 | 0E000C00 | 13001900 | 17001500 | 01000300 | 03000300 | 03000100 | 07000600 |
| ( 80) | 09000C00 | 08000900 | 08000600 | 0F000E00 | 12001300 | 22002900 | 15001900 | 1C001F00 | 01000100 | 00000800 |
| ( 120) | 07000700 | 01000400 | 09000F00 | 0F001200 | 0F001200 | 11001900 | 18002800 | 3B002B00 | 22001800 | 14001C00 |
| ( 160) | 01000300 | 05000200 | 09000200 | 06000300 | 13001000 | 18001600 | 1E002200 | 2A003D00 | 35003800 | 21001200 |
| ( 200) | 19001100 | 10000A00 | 00000100 | 03000500 | 05001200 | 14001000 | 17002400 | 30003B00 | 4D003700 | 43003900 |
| ( 240) | 45002600 | 13001300 | 0C000B00 | 0D000B00 | 03000200 | 06000300 | 07000500 | 10001100 | 26004000 | 65006000 |
| ( 280) | 50003E00 | 12001200 | 0C001500 | 10001500 | 08000B00 | 0D000F00 | 01000300 | 04000800 | 05000B00 | 13004200 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 400) | 03000700 | 0B002700 | 7A006C00 | 67003B00 | 36003600 | 2D003D00 | 37002C00 | 31002100 | 1F001500 | 17001800 |
| ( 440) | 08000800 | 0A000800 | 09002500 | 3F006300 | 63007800 | 55003A00 | 34002900 | 21002800 | 32002B00 | 13001900 |
| ( 480) | 11001400 | 0C000700 | 0C000900 | 08000800 | 1E003000 | 58005400 | 43002D00 | 21003000 | | |

FILE 32 RECORD 5 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 1B000D00 | 16001A00 | 1A001300 | 16001D00 | 14001400 | 08000B00 | 06000200 | 08000C00 | 32004300 | 48004900 |
| ( 40) | 16000700 | 0D001100 | 09000900 | 09001400 | 11000E00 | 1D001500 | 1B001000 | 08000400 | 08000800 | 06000200 |
| ( 80) | 35003100 | 27001800 | 0C000C00 | 0B000A00 | 08000800 | 02000A00 | 15002700 | 14001E00 | 17000F00 | 08000300 |
| ( 120) | 08000A00 | 07000700 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 160) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 200) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 240) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 280) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0C000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 320) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | | |

FILE 32 RECORD 33 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 40) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 80) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 120) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 160) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 200) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 240) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 280) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 320) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | | |

FILE 32 RECORD 34 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 24C924C9 | 18001800 | 3F689000 | 03000000 | 00000000 | 00000000 | 09000000 | 00000000 | 00000000 | 0000EC3D |
| ( 40) | DD1B5000 | 06001D00 | 13000200 | 3500F900 | B5000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 80) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 120) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 160) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 200) | 074252E2 | 40420000 | 00420000 | 654048E7 | 06000000 | 00000000 | 01005444 | CDCC0000 | 00000000 | 00000000 |
| ( 240) | 00009F46 | 00A85644 | 00000000 | 00000000 | 00000000 | 0CCC9F46 | 00A85444 | 00000000 | 00000000 | 00000000 |
| ( 280) | 00009F46 | 00A88C40 | DC2B0000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 320) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | | |

FILE 32 RECORD 35 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 01000000 | 00000000 | 00000000 |
| ( 40) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 80) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 120) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 160) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000100 | 00000000 | 00000000 |
| ( 200) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 240) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 280) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 320) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 0CCC0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 40) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 80) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 120) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 160) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 200) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 240) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 280) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 320) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | | |

FILE 32 RECORD 37 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 40) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 80) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 120) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 160) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 200) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 240) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 280) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 320) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | | |

| FILE | INPUT RECS. | DATA RECORDS INPUT | MAX. SIZE | READ ERROR SUMMARY PERM | ZERO B | SHORT | UNDEF. | INPUT RETRIES #RECS. | TOTAL# |
|---|---|---|---|---|---|---|---|---|---|
| 32 | 37 | 42 | 512 | 0 | 0 | 0 | 0 | 0 | 0 |

EOJ DUMP STOPPED AFTER FILE 33 # OF PERMANENT READ ERRORS 0

START TIME 11/14/80 14:49:05 STOP TIME 11/14/80 14:49:49

$$
$REW LO

D-42228
SMM 05A
June 29, 1980

DUMP OF TAPE X393

INPUT TAPE X393 ON MT2
DATA INPUT H9 NF 6 FL 6 1 1

FILE 1 RECORD 1 LENGTH 512BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 00000A00 | 3C000000 | 00000000 | 333 2D4A | 554C2D38 | 30000000 | 50445420 | 3432392 | 20202020 | 20202020 |
| ( 40) | 20204C49 | 4D422 46 | 4C415245 | 532 2020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 80) | 2020494E | 20544845 | 20434F41 | 52534520 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 120) | 20204D41 | 44452046 | 4F522043 | 2F5 2020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 160) | 2020494E | 434C5544 | 45532054 | 48452054 | 494D452D | 4C494645 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 200) | 2020464C | 41524520 | 20202020 | 202 2020 | 202 2020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 240) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 280) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 320) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 360) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 400) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 440) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 480) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | | |

| FILE | INPUT RECS. | DATA RECORDS INPUT | MAX. SIZE | READ ERROR SUMMARY PERM | ZERO B | SHORT | UNDEF. | INPUT RETRIES #RECS. | TOTAL# |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 512 | 0 | 0 | 0 | 0 | 0 | 0 |

FILE 2 RECORD 1 LENGTH 3840BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 00000000 | 00001000 | 01000100 | 333 2D4A | 554C2D38 | 3000FA10 | 6E443108 | 00006900 | 00001027 | 6F4A006D |
| ( 40) | 01003C00 | 26031C03 | 00000000 | 000 00000 | 00000000 | FFFFFF00 | FF000000 | 01000000 | 01000000 | 01007D00 |
| ( 80) | FF008F00 | 0F000F00 | 0F008F00 | 0F000F00 | 0F006100 | 73007E00 | 49008000 | 40006B00 | 67 0B300 | CD009F00 |
| ( 120) | AD002800 | 2C000300 | 24002500 | 23000000 | 0000D000 | E5000104 | 04080809 | 090A0A0B | 0B0C1801 | 5E 1AE01 |
| ( 160) | F4012602 | 53028002 | BC022003 | 7E044006 | 9808B80B | FF7F0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 200) | 00000000 | 000E0000 | 00000000 | 000 00000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 240) | 00000000 | 00000000 | 00000000 | 000 00000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 280) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 320) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 013F260C | 61BFD069 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 520) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00 00000 | |
| ( 560) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 600) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 640) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 680) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 720) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 760) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 800) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 840) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 880) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 920) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 960) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1000) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1040) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1080) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1120) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1160) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1200) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1240) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1280) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1320) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |

```
(  1600)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  1640)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  1680)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  1720)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  1760)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  1800)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  1840)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  1880)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  1920)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  1960)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2000)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2040)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2080)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2120)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2160)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2200)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2240)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2280)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2320)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2360)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2400)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2440)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2480)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2520)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2560)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2600)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2640)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2680)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2720)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2760)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2800)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2840)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2880)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2920)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  2960)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3000)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3040)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3080)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3120)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3160)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3200)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3240)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3280)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3320)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3360)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3400)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3440)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3480)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3520)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3560)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3600)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3640)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3680)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3720)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3760)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3800)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
URE(0000) 0005  0002  1084  8000  0000  0000  0064  0000  0001  0006  0000  0001  0004  000A  0000  0028  /JCPT09/
URE(0010) 8080  3A70  1000  0163  0000  0021  4070  0000  0010  C160  0000  0001  C000  0000  0004  0008  /JCPT09/
URE(0020) 0000  0160  0F00  FFFD  0000  0000  0000  4D58  8080  0000  0000  000E  4000  0000  0020  1428  /JCPT09/
URE(0030) A000  0062  0002  000D  0000  0000  61E4  0050  ED80  0040  2332  ED10  62EE  E730  05F5  ED20  /JCPT09/
URE(0040) 0010  ED80  100B  2332  A700  004D  ED80  8010  EDF0  61C2  2332  E700  003F  7682  0057  6DD9  /JCPT09/
URE(0050) ED80  0039  2332  CED0  631C  E700  005E  ED80  8010  EDF0  61B5  2332  E700  003F  EDF0  613E

   FILE      2  RECORD     800  LENGTH    3840BYTES
```

```
(  3680)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000100
(  3720)  00000000 00000000 00000100 00000000 00000000 00000000 02000400 00000300 03000200 03000200
(  3760)  03000000 00000000 03000100 03000100 00000000 00000100 00000000 00000000 00000000 00000000
(  3800)  01000000 00000000 07000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

FILE      6  RECORD     92   LENGTH     3840BYTES
(     0)  00000000 FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(    40)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(    80)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   120)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   160)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   200)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   240)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   280)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   320)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF
(   360)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   400)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   440)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   480)  FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   520)  FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   560)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   600)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   640)  00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   680)  00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   720)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   760)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF
(   800)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   840)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(   880)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(   920)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0100FFFF FFFFFFFF 0000FFFF FFFFFFFF
(   960)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0100FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(  1000)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1040)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1080)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1120)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF
(  1160)  FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1200)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1240)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1280)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1320)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1360)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1400)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1440)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1480)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1520)  FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1560)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1600)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1640)  FFFFFFFF 00000C00 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1680)  FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1720)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1760)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF
(  1800)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF
(  1840)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1880)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1920)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF
(  1960)  FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  2000)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(  2040)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0200FFFF FFFFFFFF 0000FFFF FFFFFFFF
(  2080)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(  2120)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(  2160)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  2200)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  2240)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  2280)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF
```

```
(  2400)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2440)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2480)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2520)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2560)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2600)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2640)  FFFFFFFF  FFFFFFFF  00000000  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2680)  00000000  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2720)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2760)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  00000000
(  2800)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  00000000
(  2840)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2880)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2920)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  00000000  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  2960)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  00000000  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3000)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3040)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3080)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  00000000  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3120)  00000000  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3160)  FFFFFFFF  FFFFFFFF  0000FFFF  FFFFFFFF  0000FFFF  FFFFFFFF  0000FFFF  FFFFFFFF  0000FFFF  FFFFFFFF
(  3200)  0000FFFF  FFFFFFFF  0100FFFF  FFFFFFFF  0000FFFF  FFFFFFFF  0000FFFF  FFFFFFFF  0000FFFF  FFFFFFFF
(  3240)  0100FFFF  FFFFFFFF  0100FFFF  FFFFFFFF  0000FFFF  FFFFFFFF  0000FFFF  FFFFFFFF  0000FFFF  FFFFFFFF
(  3280)  0000FFFF  FFFFFFFF  0000FFFF  FFFFFFFF  0000FFFF  FFFFFFFF  0000FFFF  FFFFFFFF  0000FFFF  FFFFFFFF
(  3320)  0000FFFF  FFFFFFFF  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3360)  02000400  05000300  02000900  03000000  03000200  02000100  06000200  01000100  FFFFFFFF  FFFFFFFF
(  3400)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3440)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  F0430000  B0430000  00440000  63470000  88440000  84440000
(  3480)  08450001  C00AE006  80076006  8002C00C  C009C00D  40024004  800AE006  800CA004  00064008  24001C00
(  3520)  2D002900  25002400  19002000  20001900  25001D00  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3560)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3600)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3640)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3680)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3720)  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF  FFFFFFFF
(  3760)  FFFFFFFF  FFFFFFFF  FFFFFFFF  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  3800)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000

          FILE   INPUT    DATA RECORDS    MAX.          READ ERROR SUMMARY          INPUT RETRIES
                 RECS.       INPUT        SIZE       PERM  ZERO B   SHORT  UNDEF.  #RECS.  TOTAL#
             6     92         921          3840        0      20       0      0      20      29

 EOJ         DUMP STOPPED AFTER FILE   6          # OF PERMANENT READ ERRORS  0

START TIME 12/09/80  19:37:15        STOP TIME 12/09/80  19:39:07
```

D-42229
SMM
June 29, 1980

DUMP OF TAPE X396

INPUT TAPE X396 ON MT2
DATA INPUT H9 NE 7 FL 7 1 1

FILE 1 RECORD 1 LENGTH 512BYTES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 00000A00 | 3D000000 | 00000000 | 33302D4A | 554C2D38 | 30000000 | 50445420 | 34333020 | 20202020 | 20202020 |
| ( 40) | 2020 4C49 | 4D422046 | 4C415245 | 53202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 80) | 2020494E | 20544845 | 20434F41 | 52534520 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 120) | 2020 4D41 | 44452046 | 4F522043 | 2F512020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 160) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 200) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 240) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 280) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 320) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 360) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 400) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 440) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 |
| ( 480) | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | 20202020 | | |

| FILE | INPUT RECS. | DATA RECORDS INPUT | MAX. SIZE | READ ERROR SUMMARY PERM | ZERO B | SHORT | UNDEF. | INPUT RETRIES #RECS. | TOTAL# |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 512 | 0 | | 0 | 0 | 0 | 0 |

FILE 2 RECORD 1 LENGTH 3840BYTES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ( 0) | 00000000 | 00000100 | 01000100 | 333 2D4A | 554C2D38 | 30000511 | 63458F5A | 00C069 00 | 00001027 | 714AE00C |
| ( 40) | 01003C00 | 27031C03 | 00000000 | 00C00000 | 00000000 | FFFFFF00 | FF008400 | 01008400 | 01008400 | 01CC2F00 |
| ( 80) | FF309F00 | 0F001F00 | 0F009F00 | 0F001F00 | 0F036100 | 73007E00 | 4B008100 | 3F006B00 | 68006300 | CD009F00 |
| ( 120) | AD002800 | 2D000000 | 24001E00 | 1C00CD00 | CB00D000 | E5000104 | 04080809 | 090A0A0B | 0B0C1801 | 5E01AE01 |
| ( 160) | F4012602 | 53028002 | BC022003 | 7E044006 | 9808B80B | FF7F0000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 200) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 240) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 280) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | FF3E40DB | 67BFA6E7 |
| ( 320) | 00000000 | 03000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 400) | 00000000 | 00000000 | 00000000 | 00000000 | 01000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 440) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 480) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 520) | 00000000 | 00000000 | 00000100 | 01000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 560) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 01000000 | 00000000 | 00000000 |
| ( 600) | 00000000 | 03000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 640) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 01000000 |
| ( 680) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 720) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 760) | 00000000 | 00000000 | 00000000 | 00000000 | 01000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 800) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000100 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 840) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 880) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 920) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 960) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1000) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000100 | 00000000 |
| ( 1040) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000100 | 00000000 | 00000000 | 01000000 |
| ( 1080) | 00000000 | 00000000 | 01000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1120) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1160) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1200) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1240) | 00000000 | 00000000 | 00000100 | 00000000 | 00000000 | 00000000 | 00000000 | 00000100 | 00000000 | 00000000 |
| ( 1280) | 00000000 | 01000000 | 00000000 | 00000100 | 00000000 | 00000000 | 00000000 | 01000000 | 00000100 | 00000000 |
| ( 1320) | 00000000 | 00000000 | 00000000 | 00000000 | 01000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1360) | 00000000 | 00000000 | 00000000 | 00000000 | 01000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1400) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 1440) | 0D001500 | 0D000F00 | 0C000A00 | 14001500 | 18001300 | 1C001700 | 0F001000 | 1B001100 | 0E000900 | 0E000900 |
| ( 1480) | 03000900 | 08000400 | 06000400 | 05001500 | 01000200 | 07000400 | 00000000 | 00000000 | 00000000 | 00000000 |

```
(  1560)  00000000 01000000 00000000 00000000 00000000 00000000 00000000 00000000 60000000 00000000
(  1600)  00000000 00000000 00000000 00000000 00000000 01000000 00000000 00000000 00000000 00000000
(  1640)  00000000 01000100 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  1680)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 01000100 00000000 00000000
(  1720)  01000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  1760)  00000000 00000100 00000000 00000100 00000000 00000000 00000000 00000000 01000000 00000000
(  1800)  00000000 00000000 00000000 00000000 02000100 00000000 00000000 00000000 00000000 00000000
(  1840)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  1880)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  1920)  00000100 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  1960)  00000000 00000000 00000000 01000000 00000000 00000000 00000100 00000100 00000000 00000000
(  2000)  01000000 00000000 00000000 00000000 00000100 00000000 00000000 00000000 00000000 00000000
(  2040)  00000000 00000000 00000100 00000000 00000000 00000000 00000000 00000000 00000000 01000000
(  2080)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  2120)  00000000 00000000 00000000 00000000 00000000 00000100 01000000 00000000 00000000 00000000
(  2160)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  2200)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  2240)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  2280)  00000000 00000000 01000000 00000000 00000000 00000000 01000000 01000000 00000000 00000000
(  2320)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000100 01000000
(  2360)  00000000 00000000 00000000 00000000 00000000 00000100 00000000 00000000 00000000 00000000
(  2400)  00000000 00000000 00000000 00000000 00000000 01000000 00000000 00000000 01000000 00000100
(  2440)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000100 01000000 00000000
(  2480)  00000000 00000000 00000000 00000000 00000000 00000000 00000100 01000000 00000000 00000000
(  2520)  01000000 00000100 00000000 00000000 01000000 00000000 00000000 00000000 00000000 00000100
(  2560)  00000100 00000000 00000000 00000000 00000000 00000000 00000000 00000000 26001500 21001600
(  2600)  22001700 17000800 0D001800 15001700 14000D00 1A001900 17001F00 19002100 21001D00 18001D00
(  2640)  21002900 15001A00 22002700 2A001D00 00000000 00000000 00000000 00000000 00000000 00000100
(  2680)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  2720)  00000000 00000000 00000000 00000000 00000100 00000000 01000000 00000000 00000000 01000000
(  2760)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  2800)  00000000 00000000 01000000 00000000 01000000 00000000 01000000 02000000 00000000 00000000
(  2840)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  2880)  00000000 00000000 00000000 00000000 00000000 00000000 00000100 00000100 01000000 00000000
(  2920)  00000000 01000000 00000000 00000000 00000100 00000000 00000000 00000000 00000000 00000000
(  2960)  00000000 00000100 00000000 01000000 00000000 00000000 00000000 00000000 00000100 00000000
(  3000)  00000000 00000000 00000000 00000000 01000000 00000000 00000000 00000000 00000000 00000100
(  3040)  00000000 00000000 00000000 00000000 00000000 00000000 00000100 00000000 00000000 00000000
(  3080)  00000100 00000000 00000000 00000000 00000000 00000000 01000000 00000000 00000000 00000000
(  3120)  01000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  3160)  00000100 00000000 00000000 00000000 00000000 00000000 00000100 01000000 00000000 00000000
(  3200)  00000000 00000000 00000000 00000000 00000000 00000000 01000000 00000100 00000000 00000000
(  3240)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  3280)  00000000 00000000 00000000 00000000 01000000 00000000 00000000 00000000 00000000 00000000
(  3320)  00000000 00000000 01000000 01000000 00000000 00000100 00000000 00000000 00000000 00000000
(  3360)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  3400)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  3440)  01000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  3480)  01000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  3520)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  3560)  00000000 00000000 01000000 00000000 00000000 00000000 00000000 02000000 00000200 00000000
(  3600)  00000100 01000000 01000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
(  3640)  00000000 00000000 00000000 00000000 00000000 00000000 01000000 00000000 00000100 00000000
(  3680)  00000000 00000000 00000000 01000000 00000000 00000000 00000000 00000000 00000000 00000000
(  3720)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 02000200 00000100 03000200
(  3760)  00000300 02000100 04000000 02000300 00000000 01000000 00000000 00000100 00000100 03000000
(  3800)  00000100 00000000 00000000 01000000 01000000 01000000 00000000 00000000 00000000 00000100

FILE     2  RECORD      446  LENGTH     3840BYTES
(     3)  00000000 00000000 00000000 00000000 00000000 01000100 00000000 00000000 00000000 01000000
(    40)  00000000 00000100 00000000 00000000 00000000 00000000 00000000 00000000 01000000 00000000
(    80)  01000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 01000100
(   120)  00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 01000000 00000000
(   160)  00000000 00000000 00000000 00000000 00000000 01000000 00000000 00000000 00000000 00000000
(   200)  00000000 01000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
```

```
(  3800)  00000000 10000000 00000000 02000000 00000000 00000000 00000000 00000000

FILE      7  RECORD     2462  LENGTH     3840BYTES
(     0)  00000000 FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(    40)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(    80)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   120)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   160)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   200)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   240)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   280)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   320)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   360)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   400)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   440)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   480)  FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   520)  FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   560)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   600)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   640)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   680)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   720)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   760)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   800)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(   840)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(   880)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(   920)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(   960)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(  1000)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1040)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1080)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1120)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF
(  1160)  FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1200)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1240)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1280)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1320)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1360)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1400)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1440)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1480)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1520)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1560)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1600)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1640)  FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1680)  FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1720)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1760)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1800)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1840)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1880)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1920)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  1960)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  2000)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(  2040)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(  2080)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(  2120)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF 0000FFFF FFFFFFFF
(  2160)  0000FFFF FFFFFFFF 0000FFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  2200)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  2240)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  2280)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF 00000000 FFFFFFFF FFFFFFFF FFFFFFFF
(  2320)  00000000 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  2360)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  2400)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
(  2440)  FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF
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|---|---|---|---|---|---|---|---|---|---|---|
| ( 2520) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 2560) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 2600) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 2640) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 2680) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 2720) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 2760) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | 00000000 |
| ( 2800) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | 00000000 | 00000000 |
| ( 2840) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 2880) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 2920) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 2960) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3000) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3040) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3080) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3120) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3160) | FFFFFFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF |
| ( 3200) | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF |
| ( 3240) | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF |
| ( 3280) | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF | 0000FFFF | FFFFFFFF |
| ( 3320) | 0000FFFF | FFFFFFFF | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 3360) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | FFFFFFFF | FFFFFFFF |
| ( 3400) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3440) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 3480) | 00000000 | 70038008 | F001C00C | 4801800C | C00CC002 | 400A800B | 4003800B | 74000005 | 000B000D | 00000000 |
| ( 3520) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3560) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3600) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3640) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3680) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3720) | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF | FFFFFFFF |
| ( 3760) | FFFFFFFF | FFFFFFFF | FFFFFFFF | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |
| ( 3800) | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 | 00000000 |

| FILE | INPUT RECS. | DATA RECORDS INPUT | MAX. SIZE | READ ERROR SUMMARY PERM | ZERO B | SHORT | UNDEF. | INPUT RETRIES #RECS. | TOTAL# |
|---|---|---|---|---|---|---|---|---|---|
| 7 | 2462 | 2463 | 3840 | 0 | 4 | 0 | 0 | 4 | 4 |

EOJ DUMP STOPPED AFTER FILE 7 # OF PERMANENT READ ERRORS 0

START TIME 12/09/80 18:36:08 STOP TIME 12/09/80 18:40:48