#378

IMP-H

5.5 MINUTE AVERAGES

72-073A-08B

IMP-H

Master Science Tapes, 5.5 Min. Averages

72-073A-08B

This data set has been restored. There was originally 1 9-track, 800 BPI tape 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 tape was created on a Modcomp computer. The DR and DS numbers along with the corresponding D number and the time span is as follows:

DR#	DS#	D#	FILES	TIME SPAN
DR03650	DS03650	D29197	1	09/26/72 - 10/19/72

REQ. AGENT	RAND NO.	ACQ. AGENT
WTJ	RC7554	CDW

IMP-H

5.5 MINUTE AVERAGES

72-073A-08B

This data set consists of one 800 BPI, Binary magnetic tape that was created on a MODCOMP computer and contains one file of data. The physical records contain 256 bytes except every 13th record, which has 120 bytes. The logical records, which contain 628 bytes are spanned over several physical records. Words 1-109 in each logical record are real numbers, words 110-157 are 2 byte integers.

D#	C#	TIME SPAN
D-29197	C-18798	9/26/72 - 10/19/72

DESCRIPTION OF IMP-H CPME TAPE FOR NSSDC

This tape consists of 205 words (109 32 bit Modcomp Real Binary and 96 16 bit Modcomp Integer)/logical record according to the list below. The tape is written in 800 bpi, 9 track, NRZI, Blocked 5:1, 3140 8 bit bytes pen L.R., 15700 bytes/physical Record. Items 1-109 are 32 bit (4 byte) real numbers and items 110-205 are 16 bit integers.

ITEM	DESCRIPTION
1	Year
2	Day
3	Milliseconds of Midpoint of average *
4	Spacecraft Clock of Midpoint
5	Pseudosequence Counter of Midpoint
6	Day of Ephemeris Data
7	Milleseconds of Ephemeris Data
8	XSE, S/C Geocentric Solar Ecliptic X, km.
9	YSE, S/C Geocentric Solar Ecliptic Y, km.
10	ZSE, S/C Geocentric Solar Ecliptic Z, km.
11	XSM, S/C Geocentric Solar Magnetospheric X, km.
12	YSM, S/C Geocentric Solar Magnetospheric Y, km.
13	ZSM, S/C Geocentric Solar Magnetospheric Z, km.
14	P1 Count Rate
15	P2 Count Rate
16	P3 Count Rate
17	P4 Count Rate
18	P5 Count Rate
19	P6 Count Rate
20	P7 Count Rate
21	P8 Count Rate
22	P9 Count Rate
23	P10 Count Rate
24	P11 Count Rate
25	A1 Count Rate
26	A2 Count Rate
27	A3 Count Rate
28	A4 Count Rate
29	A5 Count Rate
30	A6 Count Rate
31	Z1 Count Rate
32	Z2 Count Rate
33	Z3 Count Rate

ITEM	DESCRIPTION
34	E4 Count Rate
35	E5 Count Rate
36	E6 Count Rate
37	E4 Sector 1 Count Rate
38	E4 Sector 2 Count Rate
39	E4 Sector 3 Count Rate
40	E4 Sector 4 Count Rate
41	E4 Sector 5 Count Rate
42	E4 Sector 6 Count Rate
43	E4 Sector 7 Count Rate
44	E4 Sector 8 Count Rate
45	P1 Sector 1 Count Rate
46	P1 Sector 2 Count Rate
47	P1 Sector 3 Count Rate
48	P1 Sector 4 Count Rate
49	P1 Sector 5 Count Rate
50	P1 Sector 6 Count Rate
51	P1 Sector 7 Count Rate
52	P1 Sector 8 Count Rate
53	P8 Sector 1 Count Rate
54	P8 Sector 2 Count Rate
55	P8 Sector 3 Count Rate
56	P8 Sector 4 Count Rate
57	P8 Sector 5 Count Rate
58	P8 Sector 6 Count Rate
59	P8 Sector 7 Count Rate
60	P8 Sector 8 Count Rate
61	A1 Sector 1 Count Rate
62	A1 Sector 2 Count Rate
63	A1 Sector 3 Count Rate
64	A1 Sector 4 Count Rate
65	A1 Sector 5 Count Rate
66	A1 Sector 6 Count Rate
67	A1 Sector 7 Count Rate
68	A1 Sector 8 Count Rate
69	A6 Sector 1 Count Rate
70	A6 Sector 2 Count Rate
71	A6 Sector 3 Count Rate
72	A6 Sector 4 Count Rate
73	A6 Sector 5 Count Rate
74	A6 Sector 6 Count Rate
75	A6 Sector 7 Count Rate
76	A6 Sector 8 Count Rate

ITEM	DESCRIPTION
77	Z1 Sector 1 Count Rate
78	Z1 Sector 2 Count Rate
79	Z1 Sector 3 Count Rate
80	Z1 Sector 4 Count Rate
81	Z1 Sector 5 Count Rate
82	Z1 Sector 6 Count Rate
83	Z1 Sector 7 Count Rate
84	Z1 Sector 8 Count Rate
85	M Scintillator Count Rate
86	S Scintillator Count Rate
87	0.394 MeV Proton Flux $(cm^2 sec\ sr\ MeV/nuc)^{-1}$
88	0.733 MeV Proton Flux "
89	1.408 MeV Proton Flux "
90	3.175 MeV Proton Flux "
91	6.20 MeV Proton Flux "
92	10.8 MeV Proton Flux "
93	19.45 MeV Proton Flux "
94	37.35 MeV Proton Flux "
95	72.55 MeV Proton Flux "
96	116.0 MeV Proton Flux "
97	345.0 MeV Proton Flux "
98	0.908 MeV/nuc. Alpha Flux
99	1.455 MeV/nuc. Alpha Flux
100	3.02 MeV/nuc. Alpha Flux
101	7.90 MeV/nuc. Alpha Flux
102	18.75 MeV/nuc. Alpha Flux
103	39.0 MeV/nuc. Alpha Flux
104	1.185 MeV/nuc. Medium Group Flux
105	2.40 MeV/nuc. Medium Group Flux
106	5.475 MeV/nuc. Heavy Group Flux
107	> 0.22 MeV Electron Flux
108	> 0.50 MeV Electron Flux
109	> 0.80 MeV Electron Flux
110-205	(in units of tenths of percent)

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*There are some pairs of adjacent L.R.'s on the tape with duplicate times. These arise from overlapping tracking and have not been edited out.

THE UNIVERSITY OF KANSAS · LAWRENCE, KANSAS · 66045

DEPARTMENT OF
PHYSICS & ASTRONOMY
913-864-4626

July 27, 1976

Dr. Joe King
NSSDC
Goddard Space Flight Center
Code 601
Greenbelt, Maryland

Dear Joe:

After a slight delay in my plans I am sending you the first copy of the 5.5 minute averages from IMP 7. Because of conflicting duties and travel plans, I was not able to get this program cranked up to my satisfaction until I returned to Kansas. The enclosures here document the items on the tape pursuant to our discussions in May. The tape is written in Modcomp standard binary at 800 bpi, NRZI. I hope this does not present any problems for you or your programmers. If there are questions, I am most happy to try to work them out. If this first tape is all right, I will produce the rest of 1973 data for you forthwith.

Sincerely,

T. P. Armstrong
Professor

TPA:bs
Encl.

cc: S. M. Krimigis

```
$JOB  17:51:55
$NOP*************** HEX DUMP OF X-368 ******************
$ASS IN MS4
$NOTE BOJ   17:52:17
$EXE DPHEX BS
 INPUT TAPE ON MS4
 DATA INPUT     1 15 15
  FILE  1      RECORD   1 YEARS  LENGTH  DAY  256  BYTES
  (     0)  03000100  42FDA000  4261C000  46B9C806  45B4D980  44313E80  4261C000  46B9CAEC  44BCF1AA  443F711F  9
  (    40)  BC03659A  44B6F1AA  442F46B3  BBCBF5CF  3FE5B550  3FB9CE17  3F2EE000  3EB20000  3E320000  3EA58000  19
  (    80)  00000000  00000000  00000000  00000000  3F76ABCE  00000000  00000000  00000000  3E320000  00000000  29
  (   120)  00000000  00000000  00000000  00000000  40203961  3FE132C2  3F79CB0A  3FE09D39  402CD890  402CD890  39
  (   160)  3FF0EBD6  402C9D39  3FF913E8  402C9D39  3FF0EBD6  3FB0EA4F  3FE09D39  3FA09D39  3FB0EA4F  3FE09D39  49
  (   200)  3FF913E7  4024B142  3FE8C54A  00000000  00000000  00000000  00000000  00000000  00000000  00000000  59
  (   240)  00000000  00000000  00000000  00000000  63
  FILE  1      RECORD   2      LENGTH   256  BYTES
  (     0)  03000100  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  72
  (    40)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  82
  (    80)  00000000  00000000  422883AF  4232386F  403AA0E0  3FE913F5  3F231D24  3E31FA90  3DA6F1F5  3DE2411A  92
  (   120)  00000000  00000000  00000000  00000000  3DE3480F  00000000  00000000  00000000  3D64C5DB  00000000  102
  (   160)  00000000  00000000  00000000  00000000  40708FB1  40393E6E  402608A1  00A40074  010201F4  03E80241  112
  (   200)  03E803E8  03E803E8  00A903E8  03E803E8  03E803E8  03E803E8  03E803E8  004D006C  00A401F3  012D012D  122
  (   240)  01980161  01790161  01980241  01F502C3  126
                                                                                  word 110
  FILE  1      RECORD   3      LENGTH   256  BYTES
  (     0)  03000100  024101F3  0179014D  01BF03E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  135
  (    40)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E80004  145
  (    80)  0003FF5C  FF8CFEFE  FE0D03E8  FDBF03E8  03E803E8  03F8FF57  03E803E8  03E803E8  03E803E8  03E803E8  155
  (   120)  03E80080  006C00A4  42FDA000  4261C00C  46BA17ED  45B4DA80  44317E80  4261C000  46BA142A  44B6ECC5
  (   160)  443FBB4E  BC03CAD6  44B6ECC5  442FD9FE  BBCC3F15  3FE7DCD0  3FB34EE9  3F778AD4  3F2154D3  00000000
  (   200)  00000000  3E6B3CC8  00000000  00000000  00000000  3FA38692  3EF9FAF6  00000000  00000000  00000000
  (   240)  00000000  00000000  00000000  00000000
  FILE  1      RECORD   4      LENGTH   256  BYTES
  (     0)  03000100  00000000  3FBC8692  3F6A1A4D  3F2C715A  3FB9F970  3F79F662  3FB9F970  3F79F662  00000000
  (    40)  3F79F662  3F79F662  3FF9FAF6  3F79F662  3F79F662  3F79F662  3FF9FAF6  3FEB7BD7  4032BC29
  (    80)  3FF9FAF6  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
  (   120)  00000000  00000000  00000000  00000000  00000000  3FB9F970  00000000  00000000  00000000  00000000
  (   160)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
  (   200)  00000000  00000000  00000000  4228BE81  4231D90B  403DF8B8  3FE4755A  3F699ADC  3EA1502E  00000000
  (   240)  00000000  3DEF00DF  00000000  00000000
  FILE  1      RECORD   5      LENGTH   256  BYTES
  (     0)  03000100  00000000  3DEDD695  3F24922B  00000000  00000000  00000000  00000000  00000000  00000000
  (    40)  00000000  00000000  4021BE06  3FE3B5C3  3FB8B256  00D500A0  00DF0198  03E803E8  03E703E8  03E803E8
  (    80)  00C003E7  03E803E8  03E803E8  03E803E8  03E803E8  009300F9  016102C3  03E702C3  03E703E8  03E703E7
  (   120)  01F303E7  03E703E7  03E701F3  02410179  01F303E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
  (   160)  03E803E8  03E803E7  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
  (   200)  03E80005  0005FF2B  FF60FF21  FE6803E8  03E803E8  03E803E8  03E8FF40  03E803E8  03E803E8  03E803E8
  (   240)  03E803E8  03E80122  00FE016C  42FDA000 YEAR
  FILE  1      RECORD   6 DAY  LENGTH   256  BYTES
  (     0)  03000100  4261C000  46BA67D4  45B4DB80  4431BE80  4261C000  46BA6C0E  44B6E6D8  44600A5B  BC0443C3
  (    40)  44B6E6D8  44308ADA  BBCC98AE  3FF1F0BF  3FE06AF3  3F352000  3EBE8000  00000000  3E320000  3E720000
  (    80)  00000000  00000000  3E320000  3F7E7CF3  00000000  00000000  3E320000  00000000  00000000  00000000
  (   120)  00000000  00000000  00000000  3FBB5DB6  3F6D4E17  3F258000  3FF0EBEE  3FF0EBEE  3FB0EA67  3FE8C55F
  (   160)  3F609A3C  00000000  3FF09D49  3FB0EA67  3FB0EA67  3FA09D49  3FA09D49  3FB0EA67  3FE8C55F  402CD8A5
  (   200)  403GEC80  402CD8A5  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
  (   240)  00000000  00000000  00000000  00000000
  FILE  1      RECORD   7      LENGTH   256  BYTES
  (     0)  03000100  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
  (    40)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
  (    80)  00000000  4228C86B  4230F3EF  4066CD60  3FEE1302  3F27CC34  3E3E7966  00000000  3D6DA811  3DF65871
  (   120)  00000000  00000000  3D3A23A0  3DE85222  00000000  00000000  3DB3BB98  00000000  00000000  00000000
  (   160)  00000000  00000000  00000000  402C310F  3FE60D0F  3FAE4086  008E006D  00F201BF  03E803E8  02C203E8
  (   200)  03E803E8  009E03E8  03E803E8  03E803E8  03E803E8  03E803E8  007200B9  01200198  01980241  01BF03E7
  (   240)  03E801F3  02410241  02C302C3  024101BF
  FILE  1      RECORD   8      LENGTH   256  BYTES
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D-29197

Time span
9/26/72-10/19/72

```
(   0)  03000100  012D0120  012D03E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(  40)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E80004  0003FF72
(  80)  FF93FF0E  FE4103E8  03E8FD3D  03E803E8  03E8FF62  03E803E8  03E803E8  03E803E8  03E803E8  03E8008E
( 120)  0DBE0133  42FDA000  4261C000  46BAB7BA  45B4DC80  4431FE80  4261C000  46BAB54C  44B6E1DF  44602EA2
( 160)  BC04A790  44B6E1DF  44311CC4  BBCCE4B0  3FE5DFFE  3FB870DA  3F6EC176  3EF39C36  3E339C36  3E739928
( 200)  00000000  00000000  3E339C36  00000000  3F7BA947  00000000  00000000  00000000  3F320000  00000000
( 240)  00000000  00000000  00000000  00000000
FILE  1     RECORD   9     LENGTH   256  BYTES
(   0)  03000100  3FB7A446  3F7060BB  3F2EE000  3FA09D49  3FA09D49  3FA09D49  3FE8C55F  3FB0EA67  3FE09D49
(  40)  3FEC9D49  3FAC9D49  3FB28102  3FB28102  00000000  3FA1AA52  4021AB15  4025ECC1  3FE1AA52  3FFAEAD5
(  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  42290DF1  42312B07  403AE260  3FE81C33  3F630A43  3E739456  3DAE3525  3DAF2472
( 240)  00000000  00000000  3D38B71A  00000000
FILE  1     RECORD  10     LENGTH   256  BYTES
(   0)  03000100  3DE68062  00000000  00000000  00000000  3D64C5DB  00000000  00000000  00000000  00000000
(  40)  00000000  4026106D  3FE95CD6  3FBC9D1D  00A60077  00B90161  03E702C3  03E803E8  03E703E8  00A403E8
(  80)  03E803E8  03E803E8  03E803E8  03E803E8  007800B6  01020203  02C302C3  01BF0241  01F301F3  02C30241
( 120)  024103E8  02C20161  014D01F3  017903E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
( 160)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03F803E8  03E803E8  03E803E8  03E803E8  03E80004
( 200)  0004FF5A  FF89FF47  FE9F03E8  FD3E03E8  03E803E8  03E8FF5C  03E803E8  03E803E8  03E803E8  03E803E8
( 240)  03E800CC  00B80106  00000000  4261C000
FILE  1     RECORD  11     LENGTH   256  BYTES
(   0)  03000100  46BB07A1  45B4DD80  44323E80  4261C000  46BB0D30  44B6DBDA  44605A24  BC052098  44B6DBDA
(  40)  4431CBE1  BBCD3FC6  3FE8C568  3FAEDDB6  3F3B6000  3EBE8000  00000000  00000000  00000000  00000000
(  80)  3E320000  00000000  3FA1976D  00000000  00000000  00000000  00000000  00000000  00000000  00000000
( 120)  00000000  00000000  3FB9CE17  3F6D4E17  3F258000  3FA09D51  3FE09D51  3FF0EBFA  3FE8C569  3FAC9D51
( 160)  3FA09D51  3FE8C569  3F609A43  3FA09D51  3F609A43  3FE09D51  3F609A43  3FE09D51  402CD8B1  402CD8B1
( 200)  3FF0EBFA  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
( 240)  00000000  00000000  00000000  00000000
FILE  1     RECORD  12     LENGTH   256  BYTES
(   0)  03000100  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  40)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  80)  4228B92A  422FB402  403F61F7  3FE14E7E  3F2C7A80  3E3E7966  00000000  00000000  00000000  00000000
( 120)  3D36F180  00000000  3DEB582E  00000000  00000000  00000000  00000000  00000000  00000000  00000000
( 160)  00000000  00000000  402AD8AC  3FE6B86A  3FB04E80  009E0081  00E501BF  03E803E8  03E803E8  03E803E8
( 200)  009803E8  03E803E8  03E803E8  03E803E8  03E803E8  007400B9  012002C3  01F30198  01BF02C3  02C301BF
( 240)  03E702C3  03E701F3  03E701F3  012D012D
FILE  1     RECORD  13     LENGTH   120  BYTES
(   0)  07000078  019803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(  40)  03E8C3E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E80004  0004FF62  FF7FFF1B
(  80)  FE4103E8  03E803E8  03E803E8  03E8FF68  03E803E8  03E803E8  03E803E8  03E803E8  03E800C1  00BB0126
FILE  1     RECORD  14 Year  LENGTH 256  BYTES
(   0)  03000100  42FDA000  4261C000  46BB5788  45B4DE80  44327E80  4261C000  46BB566E  44B6D6CD  44607E60
(  40)  BC058601  44B6D6CD  44325C45  BBCD8D8F  3FECD8B0  3FAEDDE6  3F3B6000  3EBE8000  00000000  00000000
(  80)  00000000  00000000  3E320000  00000000  3FA1976D  00000000  00000000  00000000  00000000  00000000
( 120)  00000000  00000000  00000000  00000000  3FB9CE17  3F6D4E17  3F258000  3FE09D51  3FB0EA73  3FB0EA73
( 160)  3FB0EA73  3FE09D51  3FB0EA73  3FB0EA73  3FB0EA73  3FA09D51  3FA09D51  3FA09D51  3FB0EA73  3FE8C569
( 200)  4030ECBC  4030ECBA  3FF0EBFA  00000000  00000000  00000000  00000000  00000000  00000000  00000000
( 240)  00000000  00000000  00000000  00000000
FILE  1     RECORD  15     LENGTH   256  BYTES
(   0)  03000100  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  40)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  80)  00000000  00000000  422886D5  42301C1C  4062D70D  3FBAD5FF  3F2A23BC  3E7E771B  00000000  3DADAB1E
( 120)  3DB656EA  00000000  00000000  3D3A23A0  3DAC58AB  00000000  00000000  00000000  3D64C5DB  00000000
( 160)  00000000  00000000  00000000  00000000  402919DC  3FE50A80  3FB36377  00960079  00DF0278  03E803E8
( 200)  03E803E8  000003E8  006D03E8  03E803E8  03E803E8  03E803E8  03E803E8  007200B6  012C01F3  02410241
( 240)  024101F3  02410241  024102C3  02C302C3
FILE  1     RECORD  1426D  LENGTH   256  BYTES
(   0)  03000100  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  40)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(  80)  00000000  00000000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
( 120)  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
( 160)  BFA00000  BFA00000  BFA00000  BFA00000  00000000  03E80000  00000000  03E80000  00000000  000003E8
( 200)  000003E8  03E803E8  000003E8  03E803E8  03E803E8  00000000  000003E8  03E803E8  03E803E8  03E803E8
```

```
(  240)  03E803E8  03E803E8  03E803E8  03E803E8
FILE  1     RECORD   14261  LENGTH   120  BYTES
(    0)  07000078  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(   40)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(   80)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
FILE  1     RECORD   14262  LENGTH   256  BYTES
(    0)  03000100  42FDA000  4264A000  46283A9E  452FE200  41E80000  4264A000  4627D350  446D55C3  BB54B298
(   40)  BB86E4D1  446D55C3  BB4E52B3  BBC446C4  00000000  3F69E9C4  3EE58000  3E320000  00000000  3E339C36
(   80)  3E32CAE8  3E320000  3E32CAE8  00000000  3F66B157  00000000  00000000  00000000  3E320000  00000000
(  120)  00000000  00000000  00000000  00000000  3FBB5DB6  3F6D4E17  3F226000  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
FILE  1     RECORD   14263  LENGTH   256  BYTES
(    0)  03000100  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  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
(  120)  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
(  160)  BFA00000  BFA00000  BFA00000  BFA00000  00000000  BFA00000  BFA00000  03E80000  00000000  03E80000
(  200)  00000000  000003E8  000003E8  03E803E8  000003E8  03E803E8  03E803E8  00000000  000003E8  03E803E8
(  240)  03E803E8  03E803E8  03E803E8  03E803E8
FILE  1     RECORD   14264  LENGTH   256  BYTES
(    0)  03000100  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(   40)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(   80)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(  120)  03E803E8  03E803E8  42FDA000  4264A000  46283A5F  452FE200  00000000  4264A000  46288318  446D6F36
(  160)  BB54B753  BB86E8CA  446D6F36  BB4E4E1B  BBC4D0A3  00000000  3F69E9C4  3EE58000  3E320000  00000000
(  200)  3E339C36  3E32CAE8  3E320000  3E32CAE8  00000000  3F66B157  00000000  00000000  00000000  3E320000
(  240)  00000000  00000000  00000000  00000000
FILE  1     RECORD   14265  LENGTH   256  BYTES
(    0)  03000100  00000000  3FBB5DB6  3F6D4E17  3F226000  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  4229EAFB  422F30D6  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
(  240)  BFA00000  BFA00000  BFA00000  BFA00000
FILE  1     RECORD   14266  LENGTH   256  BYTES
(    0)  03000100  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
(   40)  BFA00000  BFA00000  BFA00000  00000000  BFA00000  03E80000  00000000  03E80000  00000000  000003E8
(   80)  000003E8  03E803E8  000003E8  03E803E8  03E803E8  01A50000  000003E8  03E803E8  03E803E8  03E803E8
(  120)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(  160)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(  200)  03E80022  002003E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(  240)  03E803E8  03E803E8  03E803E8  42FDA000
FILE  1     RECORD   14267  LENGTH   256  BYTES
(    0)  03000100  4264A000  46297A20  452FE600  41600000  4264A000  462932E0  446D88A7  BB54BC10  BB86ED94
(   40)  446D88A7  BB4E4990  BBC55B50  00000000  3F69E9C4  3EE58000  3E320000  00000000  3E339C36  3E32CAE8
(   80)  3E320000  3E32CAE8  00000000  3F66B157  00000000  00000000  00000000  3E320000  00000000  00000000
(  120)  00000000  00000000  00000000  3FBB5DB6  3F6D4E17  3F226000  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
FILE  1     RECORD   14268  LENGTH   256  BYTES
(    0)  03000100  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(   40)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(   80)  00000000  00000000  00000000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
(  120)  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
(  160)  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  00000000  03E80000  00000000  03E80000  00000000
(  200)  000003E8  000003E8  03E803E8  000003E8  03E803E8  03E803E8  00000000  000003E8  03E803E8  03E803E8
(  240)  03E803E8  03E803E8  03E803E8  03E803E8
FILE  1     RECORD   14269  LENGTH   256  BYTES
(    0)  03000100  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(   40)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(   80)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(  120)  03E803E8  42FDA000  4264A000  462AB9E1  452FEA00  41F80000  4264A000  462ACD08  446DC3FB  BB54C728
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(   160)  BB86F803  446DC3FB  BB4E3F27  BBC6A320  00000000  3F69E9C4  3EE58000  3E320000  00000000  3E339C36
(   200)  3E32CAE8  3E320000  3E32CAE8  00000000  3F66B157  00000000  00000000  00000000  3E320000  00000000
(   240)  00000000  00000000  00000000  00000000
FILE  1     RECORD   14270  LENGTH   256  BYTES
(     0)  03000100  3FBB5DB6  3F6D4E17  3F226000  00000000  40A0AD90  00000000  00000000  40A0AD90  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  42282907  422F94BE  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
(   240)  BFA00000  BFA00000  BFA00000  BFA00000
FILE  1     RECORD   14271  LENGTH   256  BYTES
(     0)  03000100  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
(    40)  BFA00000  40731086  3FEB19D9  4020E4EE  03E803E8  00000000  03E80000  00000000  000003E8  039103E8
(    80)  03E803E8  000003E8  03E803E8  03E803E8  01A503E8  03E803E8  03E703E8  03E803E7  03E803E8  03E803E8
(   120)  03E803E8  03E803E8  03E803E8  03E803E8  03F803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(   160)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E80022
(   200)  002003E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(   240)  03E802C3  03E702C3  0000A000  4264A000
FILE  1     RECORD   14272  LENGTH   256  BYTES
(     0)  03000100  462BF983  452FEE00  42200000  4264A000  462B4238  446DD4EB  BB54CA56  BB86FC0D  446DD4EB
(    40)  BB4E3C3B  BBC70169  00000000  3F69E9C4  3EE58000  3E320000  00000000  3E339C36  3E32CAE8  3E320000
(    80)  3E32CAE8  00000000  3F66B157  00000000  00000000  00000000  3E320000  00000000  00000000  00000000
(   120)  00000000  00000000  3FBB5DB6  3F6D4E17  3F226000  00000000  00000000  00000000  40A0AD90  00000000
(   160)  00000000  00000000  40A0AD90  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(   200)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(   240)  00000000  00000000  00000000  00000000
FILE  1     RECORD   14273  LENGTH   256  BYTES
(     0)  03000100  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(    40)  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
(    80)  00000000  00000000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
(   120)  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000  BFA00000
(   160)  BFA00000  BFA00000  40731086  BFA00000  BFA00000  03E80000  00000000  03E80000  00000000  000003E8
(   200)  000003E8  03E803E8  000003E8  03E803E8  03E803E8  00000000  000003E8  03E803E8  03E703E8  03E803E8
(   240)  03E703E8  03E803E8  03E803E8  03E803E8
FILE  1     RECORD   14274  LENGTH   120  BYTES
(     0)  07000078  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(    40)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8
(    80)  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E803E8  03E802C3  03E803E8
FILE  1     # OF DATA RECORDS   14274   # SUCCESSFUL READS   14289
      # PERMANENT READ ERRORS   0      # ZERO BYTE ERRORS   0      # SHORT RECORDS   0      # UNDEFINED ERRORS   0
        # OF RECORDS RETRIED   0      TOTAL # OF RETRIES   0
```

DRY

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$NOTE EOJ 17:56:23