#168

IMP-D & IMP-E
FARADAY CUP HR AVG INT PLASMA PARAM
FARADAY CUP 3-MIN INT PLASMA PARAM
66-058A-06A,B,D
67-070A-06A,B,D

IMP-D

HOUR AVERAGE INT PLASMA PARAMETERS-BLOCK BCD

66-058A-06A

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY IT CONTAINED ONE 7-TRACK, 556 BPI TAPE WRITTEN IN BCD. THERE IS ONE RESTORED TAPE WRITTEN IN ASCII. THE DR TAPE IS A 3480 CARTRIDGE AND THE DS TAPE IS 9-TRACK, 6250 BPI. THE ORIGINAL TAPE WAS CREATED ON AN IBM 360 COMPUTER AND WAS RESTORED ON AN IBM 9021 COMPUTER. THE DR AND DS NUMBER ALONG WITH THE CORRESPONDING D NUMBER AND TIME SPAN IS AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR005209	DS005209	D007037	1	07/01/66 - 09/30/69

See 66-058A-06B

IMP-D

3-MIN INT PLASMA PARAM-BLOCK BCD

66-058A-06B

This data set has been restored. There were originally two 9-track, 1600 BPI tapes written in EBCDIC. 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 an IBM 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
DR004314	DS004314	D007038	1	07/06/66 - 09/23/69
		D023901	2	02/23/70 - 10/14/71

EXPLORER 33, 35
3 MINUTE INTERPLANETARY PLASMA PARAMETERS

These tapes were created on an IBM 360. They are 9-track with 1 file each. The data is stored at 1600 BPI in EBCDIC.

66-058A-06B (EXPLORER 33)

D#	C#	TIME SPAN
D-07038	C-05461	07/06/66 - 09/23/69
D-23901	C-17940	02/23/70 - 10/14/71

67-070A-06B (EXPLORER 35)

D#	C#	TIME SPAN
D-06933	C-05464	07/25/67 - 07/03/68

66-058A-06B
67-070A-06B

DETAILED DATA AND TAPE DESCRIPTION

There are three tapes available for 3 minute averages. The tapes have been converted to 9 track, ~~1600~~ 1250-BPI, in EBCDIC, fixed block format. The block size is 1000 bytes, and the logical record length is 100 bytes. Each logical record contains one solar wind measurement in the format shown below. The DD parameters necessary to read the tapes are as follows:

```
UNIT=9TRACK, LABEL=( ,NL),DCB=(DEN=3,RECFM=FB,
LRECL=100,BLKSIZE=1000)
```

DETAILED DATA RECORD FORMAT

Character	Format	Description
1-2	I2	Year (66-69)
3-11	F9.5	Decimal day of year, including fractional part (0.0 - 365.0, January 1, 1200 UT is decimal day 0.5)
12-15	A4	Month (JAN-DEC)
16-17	I2	Calendar day of month
18-21	I4	Universal time of day (000-2400)
22-27	I6	Sequence number, a satellite counter
28-32	F5.1	Density (no./cm^3)
33-35	I3	Aberrated bulk velocity (km/sec)
36-41	F6.1	Aberrated longitude of flow (see note)
42-47	F6.1	Aberrated latitude of flow (see note)
48-50	I3	Thermal speed (km/sec)
51-56	F6.1	Spacecraft coordinate flow angles, not normally used

Note: This is the solar ecliptic longitude/latitude of the direction <u>from which</u> the flow was coming.

Character	Format	Description
63-68	F6.1	True longitude of flow (see note)
69-74	F6.1	True latitude of flow (see note)
75-80	I6	True velocity of flow (see note)
81-86	F6.1	Solar ecliptic longitude of spin axis
87-92	F6.1	Solar ecliptic latitude of spin axis
93-100	8X	

Note: 30 km/sec aberration removed.

REQ. AGENT	RAND #	ACQ. AGENT
CMP	VO	

EXPLORER 33, 35
HOURLY AVERAGE INTERPLANETARY PLASMA PARAMETERS

66-058A-06D and 66-070A-06D were created on an IBM 7094; the rest on an IBM 360. They are 7-track tapes with 1 file each. The data is stored at 556 BPI in BCD.

66-058A-06A (EXPLORER 33)

D#	C#	TIME SPAN
D-07037	C-05460	07/01/66 - 09/30/69

66-058A-06D (EXPLORER 33) With zero data removed

D#	C#	TIME SPAN
D-08077	C-05891	07/06/66 - 09/23/69

67-070A-06A (EXPLORER 35)

D#	C#	TIME SPAN
D-06932	C-05463	07/14/67 - 07/25/68

67-070A-06D (EXPLORER 35)

D#	C#	TIME SPAN
D-08078	C-05778	07/25/67 - 07/03/68

[illegible] I

[illegible] tape, 556 BPI, [illegible] characters [illegible]

[illegible]

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	Day of the year [illegible], January [illegible] .0).
[illegible]	[illegible]	[illegible] day [illegible] (1-24).
[illegible]-16	I[illegible]	Day of the month [illegible].
[illegible]	A[illegible]	Month name (Jan-Dec.).
20-21	I2	Year [illegible].
22-26	F5.0	Average thermal speed (km/sec).
27-31	F5.1	Average number density (no./c.c.).
32-36	F5.0	Average flow speed with aberration removed (km/sec)
37-46	2F5.1	Average solar ecliptic longitude and latitude respectively, of the direction from which the unaberrated flow was coming. (degrees)
47-71	F5.0 F5.1 F5.0 2F5.1	Standard deviations of the above five parameters, in the save order, units, and format.
72-74	I3	Same as item 2
75-80	F6.0	Solar rotation number
81-84	I4	Blanks

66-058A-06B
DR004314

EBCDIC LIST OF cn1110

FILE 1 RECORD 1 1000 BYTES

```
66186.33388JUL  6 801 48642  5.5369  -2.0  -4.1 32   5.3 -36.4   2.7  -4.1   369 125.0  -4.0        66186.33577JUL  6 804 48644  6.4
374  -4.7  -3.7 37   5.3 -39.1  -0.1  -3.7   372 125.0  -4.0        66186.34145JUL  6 812 48650  5.6385  -3.9  -3.8 27   5.3 -38.3
 0.6  -3.8   384 125.0  -4.0        66186.35471JUL  6 831 48664  5.6383  -5.0  -3.7 32   5.3 -39.4  -0.5  -3.7   381 125.0  -4.0
    66186.35660JUL  6 834 48666  5.2394  -4.4  -3.8 23   5.3 -38.8  -0.0  -3.8   392 125.0  -4.0        66186.36226JUL  6 842 48672
 5.8368  -2.4  -6.5 32   8.3 -36.4   2.3  -6.5   367 125.0  -4.0        66186.36417JUL  6 844 48674  5.5391  -3.7  -3.9 24   5.3 -38
.1   0.7  -3.9   390 125.0  -4.0        66186.36606JUL  6 847 48676  6.7384  -4.7  -1.1 33   2.0 -39.4  -0.2  -1.2   382 124.9  -4.0
        66186.36986JUL  6 853 48680  5.4377  -1.9  -4.1 32   5.3 -36.3   2.6  -4.1   377 124.9  -4.0        66186.37175JUL  6 855 48
682  5.1389  -4.3  -3.8 21   5.3 -38.7   0.1  -3.8   387 124.9  -4.0
```

EBCDIC LIST OF cn1110

FILE 1 RECORD 8126 800 BYTES

```
69265.98389SEP 232337290263  5.9410 -13.1 -12.4 22   9.9  12.1  -8.9 -12.6   404  62.1   9.8        69265.98584SEP 232340290265  5.6
413 -12.1  -9.3 24   7.0  13.8  -7.9  -9.4   407  62.1   9.8        69265.98755SEP 232342290267  5.0409 -13.9  -6.5 24   3.8  12.6
-9.7  -6.6   402  62.1   9.8        69265.98975SEP 232345290269  5.3407 -15.5  -6.8 24   3.8  11.0 -11.3  -6.9   400  62.1   9.8
    69265.99341SEP 232351290273  5.0407 -14.4  -3.8 26   1.0  12.6 -10.3  -3.8   400  62.1   9.8        69265.99512SEP 232353290275
 5.2410 -12.3  -6.1 25   3.8  14.2  -8.2  -6.2   404  62.1   9.8        69265.99683SEP 232356290277  5.2410 -11.0 -11.9 25   9.9  14
.2  -6.8 -12.0   405  62.1   9.8        69265.99927SEP 232359290279  4.8408 -12.7  -6.2 24   3.8  13.8  -8.5  -6.3   402  62.1   9.8
```

EBCDIC LIST OF cn1110

FILE 2 RECORD 1 1000 BYTES

```
70 53.01653FEB 23  24450826  5.9310  -3.8  11.3 32  10.9  12.9   1.8  11.3   309 277.9   7.9        70 53.01842FEB 23  27450828  5.5
310  -5.1  13.4 30  13.0  14.3   0.7  13.5   308 277.9   7.9        70 53.02219FEB 23  32450832  5.2307  -5.5   9.5 31   8.9  14.4
 0.2   9.5   305 277.9   7.9        70 53.02408FEB 23  35450834  5.6300  -4.1  13.3 34  13.0  13.4   1.8  13.4   299 277.8   7.9
    70 53.02599FEB 23  37450836  5.1309  -5.1  11.4 28  10.9  14.2   0.5  11.4   307 277.8   7.9        70 53.03354FEB 23  48450844
 5.2303  -4.2  11.3 33  10.9  13.3   1.6  11.3   302 277.8   7.9        70 53.03734FEB 23  54450848  4.8311  -3.8  11.3 25  10.9  12
.9   1.8  11.3   310 277.8   7.9        70 53.03925FEB 23  57450850  5.5302  -6.9   9.6 32   8.9  15.7  -1.1   9.7   299 277.8   7.9
        70 53.04114FEB 23  59450852  5.0313  -6.1  13.5 25  13.0  15.3  -0.4  13.6   311 277.8   7.9        70 53.04303FEB 23 102450
854  5.4304  -6.6  13.5 33  13.0  15.8  -0.8  13.6   302 277.8   7.9
```

EBCDIC LIST OF cn1110

FILE 2 RECORD 4409 600 BYTES

III

71286.096440CT 14 219648183 3.1438 -2.4 -7.9 21 7.2 25.3 1.5 -7.9 437 57.8 17.7 71286.098390CT 14 222648185 3.1
438 -2.4 -7.9 21 7.2 25.3 1.5 -7.9 437 57.8 17.7 71286.100100CT 14 224648187 3.1436 -4.5 -2.9 23 1.2 25.3
-0.6 -2.9 434 57.8 17.7 71286.124760CT 14 260648213 3.2431 -5.0 -5.9 20 4.1 23.7 -1.0 -5.9 429 57.8 17.7
71286.126710CT 14 302648215 3.1437 -3.6 -5.3 20 4.1 25.3 0.4 -5.3 436 57.8 17.7 71286.128420CT 14 305648217
3.2434 -3.9 -8.5 19 7.2 23.7 0.1 -8.5 433 57.8 17.7

67-670A-66B
DR004315

EBCDIC LIST OF cn1111

FILE 1 RECORD 1 1000 BYTES

```
67205.57639JUL 251350 20561 14.0417   4.9  18.8 76  -5.9 -18.8   9.2  18.6   420  96.0 -87.0        67205.58208JUL 251358 20567  4.4
456  -6.1  35.5 34   4.0 -36.1  -1.5  35.7   454  96.0 -87.0        67205.58397JUL 251401 20569  3.3449  -2.7  33.0 35   0.8 -33.4
 1.8  33.0   448  96.0 -87.0        67205.58588JUL 251404 20571  3.4417  -5.6  28.4 32   4.0 -29.0  -0.9  28.6   415  96.0 -87.0
    67205.58777JUL 251406 20573  4.2441  -6.1  35.3 41   4.0 -35.9  -1.3  35.5   439  96.0 -87.0        67205.58965JUL 251409 20575
 4.0450  -6.1  34.7 32   4.0 -35.3  -1.4  34.9   448  96.0 -87.0        67205.60669JUL 251434 20593  5.2420  -9.2  30.7 44   7.5 -31
.4  -4.5  30.9   416  96.0 -87.0        67205.60860JUL 251436 20595  5.2466  -9.8  38.7 40   7.5 -39.5  -5.1  39.0   462  96.0 -87.0
        67205.61240JUL 251442 20599  4.3457  -3.1  38.2 38   0.8 -38.6   1.6  38.2   456  96.0 -87.0        67205.61617JUL 251447 20
603  5.5431  -2.7  33.0 45   0.8 -33.4   2.0  33.0   430  96.0 -87.0
```

EBCDIC LIST OF cn1111

FILE 1 RECORD 7839 400 BYTES

```
68184.99323JUL  32350384315  2.7469   2.5  -1.5 30  -2.6  -2.9   6.1  -1.5   471 229.4 -83.6        68184.99512JUL  32353384317  2.2
481  -3.4  -0.6 29   3.3  -3.3   0.2  -0.6   480 229.4 -83.6        68184.99701JUL  32356384319  2.2474  -0.3  -0.7 29   0.2  -3.4
 3.4  -0.7   474 229.4 -83.6        68184.99889JUL  32358384321  2.2483  -3.3  -0.5 31   3.3  -3.4   0.2  -0.5   482 229.4 -83.6
```

D 23901
2/23/70 – 10/14/71

```
$NOP      LIST OF D2
$EXE TPLIST BS

INPUT PARAMETERS ARE:  ED SR=1=2 1 1 1

 TAPE NO.    1              FILE NO.    1
 RECORD    1                LENGTH    1 20
70 53.01653FEB 23  24450826  5.9310  -3.8  11.3 32  10.9  12.9   1.8  11.3   309 277.9   7.9
 70 53.01842FEB 23  27450828  5.5310  -5.1  13.4 30  13.0  14.3   0.7  13.5   308 277.9   7.9
  70 53.02219FEB 23  32450832  5.2397  -5.5   9.5 31   8.9  14.4   0.2   9.5   305 277.9   7.9
   70 53.02408FEB 23  35450834  5.6330  -4.1  13.3 34  13.0  13.4   1.8  13.4   299 277.8   7.9
    70 53.02599FEB 23  37450836  5.1309  -5.1  11.4 28  10.9  14.2   0.5  11.4   307 277.8   7.9
     70 53.03354FEB 23  48450844  5.2303  -4.2  11.3 33  10.9  13.3   1.6  11.3   302 277.8   7.9
      70 53.03734FEB 23  54450848  4.8311  -3.8  11.3 25  10.9  12.9   1.8  11.3   310 277.8   7.9
       70 53.03925FEB 23  57450850  5.5302  -6.9   9.6 32   8.9  15.7  -1.1   9.7   299 277.8   7.9
        70 53.04114FEB 23  59450852  5.1313  -6.1  13.5 25  13.0  15.3  -0.4  13.6   311 277.8   7.
9        70 53.04303FEB 23 102450854  5.4304  -6.6  13.5 33  13.0  15.8  -0.8  13.6   302 277.8   7
.9

 TAPE NO.    1              FILE NO.    1
 RECORD    2                LENGTH    1 20
70 53.04491FEB 23 105450856  5.4312  -5.2  11.4 27  10.9  14.2   0.5  11.4   310 277.8   7.9
 70 53.04680FEB 23 107450858  5.6306  -5.4  11.4 31  10.9  14.4   0.4  11.5   304 277.8   7.9
  70 53.04871FEB 23 110450860  6.2301  -4.2   9.3 34   8.9  13.1   1.6   9.4   300 277.8   7.9
   70 53.05251FEB 23 116450864  6.9311  -1.9   6.9 27   6.7  10.5   3.7   6.9   311 277.8   7.9
    70 53.05440FEB 23 118450866  9.8313  -2.1  11.1 28  10.9  11.2   3.5  11.1   313 277.8   7.9
     70 53.05629FEB 23 121450868  9.4309  -4.6   3.1 29   2.5  12.7   1.0   3.1   308 277.8   7.9
      70 53.05817FEB 23 124450870 11.7293  -4.5   9.4 52   8.9  13.3   1.5   9.4   292 277.8   7.9
       70 53.06386FEB 23 132450876 13.9302  -3.1   7.1 28   6.7  11.7   2.6   7.1   301 277.8   7.9
        70 53.06763FEB 23 137450880  7.5321  -1.1  -1.5 40  -1.7   8.6   4.3  -1.5   321 277.8   7.
9        70 53.06952FEB 23 140450882  7.6316  -0.9   0.6 42   0.5   8.7   4.5   0.6   316 277.8   7
.9

***** JOB DONE.
$WEO LPS


$$
$ASS IN TBC
$EXE TPNRCF BS
```

```
$NOP
$NOP     LIST OF 02
$EXE TPLIST BS

INPUT PARAMETERS ARE:  ED SR=4408=2 1 1 1

 TAPE NO.   1              FILE NO.   1
 RECORD   4408             LENGTH   1000
71285.147710CT 13 333647181  5.3447  -0.9  -7.6 16   7.5  25.8   2.9  -7.5   447  58.8  17.7
 71285.149660CT 13 336647183  5.3444  -0.1  -4.9 18   4.3  25.8   1.8  -4.9   443  58.8  17.7
  71285.151370CT 13 338647185  5.3447  -3.1  -2.5 17   1.4  25.8   0.8  -2.5   446  58.8  17.7
   71285.155030CT 13 344647189  4.9431  -5.5  -6.3 18   4.3  22.1  -1.5  -6.3   429  58.8  17.7
    71285.157230CT 13 346647191  3.6602  -0.1  72.7 35 276.0  25.9   9.4  72.5   602  58.8  17.7
     71285.158940CT 13 349647193  4.9445  -1.0  -7.6 18   7.5  25.8   2.9  -7.6   445  58.8  17.7
      71285.160890CT 13 352647195  5.5425  -4.6  -3.1 18   1.4  24.2  -0.6  -3.1   433  58.8  17.7
       71285.162600CT 13 354647197  5.2454   0.0  -4.0 18   4.3  28.1   3.8  -4.0   455  58.8  17.7
        71285.187500CT 13 430647223  3.2601 -10.0  76.5 28 273.1  22.1   2.3  76.7   600  58.8  17.
7        71285.5 5620CT 13120 8647559  2.3635   9.2  74.4 20 272.7  27.4  18.7  73.8   636  58.4  17
.7

 TAPE NO.   1              FILE NO.   1
 RECORD   4409             LENGTH   600
71286.096440CT 14 219648183  3.1438  -2.4  -7.9 21   7.2  25.3   1.5  -7.9   437  57.8  17.7
 71286.098390CT 14 222648185  3.1438  -2.4  -7.9 21   7.2  25.3   1.5  -7.9   437  57.8  17.7
  71286.100100CT 14 224648187  3.1436  -4.5  -2.9 23   1.2  25.3  -0.6  -2.9   434  57.8  17.7
   71286.124760CT 14 260648213  3.2431  -5.0  -5.9 20   4.1  23.7  -1.0  -5.9   429  57.8  17.7
    71286.126710CT 14 302648215  3.1437  -3.6  -5.3 20   4.1  25.3   0.4  -5.3   436  57.8  17.7
     71286.128420CT 14 305648217  3.2434  -3.9  -8.5 19   7.2  23.7   0.1  -8.5   433  57.8  17.7


***** JOB DONE.
$WEO LPS


$$
$ASS IN HTO
$NOP
```

IMP-D

1-HOUR IP PLASMA DATA W/O 0'S TAPE

65-058A-06D

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY THERE WAS ONE 7-TRACK, 556 BPI TAPE WRITTEN IN BCD. THERE IS ONE RESTORED TAPE WRITTEN IN ASCII. THE DR TAPE IS A 3480 CARTRIDGE AND THE DS TAPE IS 9-TRACK, 6250 BPI. THE ORIGINAL TAPE WAS CREATED ON A 7094 COMPUTER AND WAS RESTORED ON THE MRS SYSTEM. THE DR AND DS NUMBER ALONG WITH THE CORRESPONDING D NUMBER AND THE TIME SPAN IS AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR004364	DS004364	D008077	1	07/06/66 - 09/23/66

See 66-058A-06B

IMP-E

HR AVG INT PLASMA PARAM-BLOCK

67-070A-06A

This data set has been restored. There was originally one 7-track, 556 BPI tape written in BCD. There is one restored tape written in ASCII. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tape was created on a 7094 computer and the restored tape was created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D number are as follows:

DR#	DS#	D#	FILES	TIME SPAN
DR004636	DS004636	D006932	1	07/14/67 - 07/25/68

66-058A-06B

IMP-E

3-MIN INT PLASMA-PARAM-BLOCK BCD

67-070A-06B

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

DR#	DS#	D#	FILES	TIME SPAN
DR004315	DS004315	D006933	1	07/25/67 - 07/03/68

See 66-058A-06B

D06933
7/25/67-7/3/68

```
$NOP        LIST OF 03
$EXE TPLIST BS

INPUT PARAMETERS ARE:  ED FL=2=2 1 1 1

 TAPE NO.   1              FILE NO.   1
 RECORD   1                LENGTH   1000
67205.57639JUL 251350 20561 14.0417   4.9  18.8 76   -5.9 -18.8   9.2  18.6   420  96.0 -87.0
 67205.58208JUL 251358 20567  4.4456  -6.1  35.5 34    4.0 -36.1  -1.5  35.7   454  96.0 -87.0
  67205.58397JUL 251401 20569  3.3449  -2.7  33.0 35    0.8 -33.4   1.8  33.0   448  96.0 -87.0
   67205.58588JUL 251404 20571  3.4417  -5.6  28.4 32    4.0 -29.0  -0.9  28.6   415  96.0 -87.0
    67205.58777JUL 251406 20573  4.2441  -6.1  35.3 41    4.0 -35.9  -1.3  35.5   439  96.0 -87.0
     67205.58965JUL 251409 20575  4.8451  -6.1  34.7 32    4.0 -35.3  -1.4  34.9   448  96.0 -87.0
      67205.60669JUL 251434 20593  5.2420  -9.2  30.7 44    7.5 -31.4  -4.5  30.9   416  96.0 -87.0
       67205.60860JUL 251436 20595  5.2466  -9.8  38.7 40    7.5 -39.5  -5.1  39.0   462  96.0 -87.0
        67205.61240JUL 251442 20599  4.3457  -3.1  38.2 38    0.8 -38.6   1.6  38.2   456  96.0 -87.
0        67205.61617JUL 251447 20603  5.5431  -2.7  33.0 45    0.8 -33.4   2.0  33.0   430  96.0 -87
.0

 TAPE NO.   1              FILE NO.   1
 RECORD   2                LENGTH   1000
67205.61806JUL 251450 20605  4.5428  -5.7  30.5 40    4.0 -31.1  -1.1  30.7   426  96.0 -87.0
 67205.61995JUL 251453 20607  4.4457  -9.6  35.5 38    7.5 -36.3  -5.0  35.8   453  96.0 -87.0
  67205.62186JUL 251455 20609  4.6426  -5.8  30.7 43    4.0 -31.3  -1.1  30.9   424  96.0 -87.0
   67205.62375JUL 251458 20611  4.6435  -6.0  33.4 44    4.0 -34.0  -1.2  33.6   433  96.0 -87.0
    67205.62752JUL 251504 20615  4.8443  -5.9  32.7 34    4.0 -33.3  -1.3  32.9   441  96.0 -87.0
     67205.62943JUL 251506 20617  5.9475  -6.3  37.5 30    4.0 -38.1  -1.7  37.7   473  96.0 -87.0
      67205.63132JUL 251509 20619  5.9475  -3.1  37.8 32    0.8 -38.2   1.5  37.8   474  96.0 -87.0
       67205.63321JUL 251512 20621  4.0423  -2.6  31.1 46    0.8 -31.5   2.2  31.1   422  96.0 -87.0
        67205.63512JUL 251515 20623  3.9463  -3.1  38.2 39    0.8 -38.6   1.6  38.2   462  95.9 -87.
6        67205.63701JUL 251517 20625  4.9454   0.6  35.5 40   -2.7 -35.7   5.2  35.4   455  95.9 -87
.0

 TAPE NO.   1              FILE NO.   1
 RECORD   7838             LENGTH   1000
68184.96671JUL  32312384287  2.9461  -2.0   2.1 34    0.2  -6.2   3.7   2.0   461 229.4 -83.6
 68184.96860JUL  32315384289  2.3468   2.6  -0.6 26   -2.6  -3.8   6.2  -0.6   470 229.4 -83.6
  68184.97049JUL  32318384291  2.3467  -0.2  -0.0 30    0.2  -4.1   3.5  -0.0   467 229.4 -83.6
   68184.97240JUL  32320384293  2.4471  -0.4  -2.0 27    0.2  -2.1   3.3  -2.0   471 229.4 -83.6
    68184.97429JUL  32323384295  2.5467  -0.4  -1.9 30    0.2  -2.3   3.3  -1.9   467 229.4 -83.6
     68184.97997JUL  32331384301  2.5473  -0.3  -0.6 26    0.2  -3.5   3.4  -0.6   473 229.4 -83.6
      68184.98376JUL  32337384305  2.2476  -3.4  -0.7 26    3.3  -3.2   0.2  -0.7   475 229.4 -83.6
       68184.98566JUL  32339384307  2.0473  -0.2  -0.5 26    0.2  -3.6   3.4  -0.5   473 229.4 -83.6
        68184.98755JUL  32342384309  2.7468  -3.4  -1.6 27    3.3  -2.3   0.2  -1.6   467 229.4 -83.
6        68184.98943JUL  32345384311  2.5463   5.5  -2.1 27   -5.7  -2.5   9.2  -2.1   466 229.4 -83
.6

 TAPE NO.   1              FILE NO.   1
 RECORD   7839             LENGTH   4 3
68184.99323JUL  32350384315  2.7469   2.5  -1.5 30   -2.6  -2.9   6.1  -1.5   471 229.4 -83.6
 68184.99512JUL  32353384317  2.2481  -3.4  -0.6 29    3.3  -3.3   0.2  -0.6   480 229.4 -83.6
  68184.99701JUL  32356384319  2.2474  -0.3  -0.7 29    0.2  -3.4   3.4  -0.7   474 229.4 -83.6
   68184.99889JUL  32358384321  2.2483  -3.3  -0.5 31    3.3  -3.4   0.2  -0.5   482 229.4 -83.6

***** JOB DONE.
$WED LPS

$$
$ASS IN TB1
$EXE TPNRCF BS
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IMP-E

1-HR IP PLASMA DATA W/O 0'S TAPE

67-070A-06D

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY IT CONTAINED ONE 7-TRACK, 556 BPI TAPE WRITTEN IN BCD. THERE IS ONE RESTORED TAPE WRITTEN IN ASCII. THE DR TAPE IS A 3480 CARTRIDGE AND THE DS TAPE IS 9-TRACK, 6250 BPI. THE ORIGINAL TAPE WAS CREATED ON A 7094 COMPUTER AND WAS RESTORED ON THE MRS SYSTEM. THE DR AND DS NUMBER ALONG WITH THE CORRESPONDING D NUMBER AND THE TIME SPAN IS AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR004365	DS004365	D008078	1	07/25/67 - 07/03/68

See 66-058A-06B