#303

IMF

COMPOSITE DATA TAPE

SM-12A

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

SM-12A

MULTISAT DATA BOOK TAPE

SM-12A

This data set has been restored. There were originally two 9-track, 800 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 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
DR005977	DS005977	D019362	1	11/27/63 - 05/17/74
		D022599	2	11/27/63 - 05/17/74

REQ. AGENT	RAND NO#	ACQ. AGENT
VJP	RC3705	JHK

IMF

COMPOSITE DATA TAPE

SM-12A

This data set catalog consists of 2 IMF Composite Data Tapes. The tapes are 800 BPI, Binary, 9-track, 1 file and was created on the IBM/360 computer. The tape D-22599 contains the same data only in a smaller blocksize.

The tape contains Interplanetary Magnetic Field data for the following satellites:

D-19362	C-15281
D-22599	C-17360

SATELLITE	TIME SPAN
IMP 1	11/27/63 - 2/15/64
IMP 3	6/01/65 - 1/24/67
AIMP 1	7/04/66 - 6/28/68
IMP 4	5/27/67 - 12/27/68
AIMP 2	7/24/67 - 6/25/69
HEOS 1	12/11/68 - 12/31/73
IMP 5	6/21/69 - 9/13/71
IMP 6	3/14/71 - 7/22/72
HEOS 2	1/31/71 - 12/31/73
IMP 8	10/30/73 - 5/17/74

IMF DATA BOOK TAPE

(NSSDC NSDF ID SM-12A)

FORMAT

The IMF Data Book Tape is an unlabelled, 9-track, 800 BPI binary tape created on an IBM/360 computer. Each logical record consists of 23 INTEGER*2 words (LRECL=46), and each physical record consists of 649 logical records (BLK SIZE = 29854). The record format is fixed blocked (RECFM = FB). The first logical record in a physical record is a summary record, and the remaining 648 records are data records for each hour of a 27-day solar rotation period. All words in data records for hours for which no data exists are filled with zeros. Note that not all data words are available for all spacecraft. The meanings of the words are as follows (with units 10 ths of earth radii for spacecraft ephemeris words, degrees for angles, and 10 ths of gammas for field magnitudes, components, and standard deviations):

Word Number	Summary Record		Data Record
1	A negative Number (for record identification purposes) the absolute value of which is Bartels solar rotation number		Year (63,64, etc)
2	The number of hours in this solar rotation period for which there are data		Day (Jan 1 = day 0)
3	Year of beginning of solar rotation period (63, 64, etc)		Hr (0,1,...23)
4	Day of beginning of solar rotation period (Jan 1 = day 0)		Bartels solar rotation number
5	Year of end of solar rotation period	R	Spacecraft Radial distance
6	Day of end of solar rotation period	X	Spacecraft geocentric-solar-ecliptic X position
7	Minimum value of B average field magnitude, for this period	Y	Spacecraft g.s.e. Y position
8	Maximum value of B, average field magnitude, for this period	Z	Spacecraft g.s.e. Z position
9	Minimum value of B, magnitude average field vector, for this period	B	Average field magnitude $(\frac{1}{N}\Sigma\|B\|)$

Word Number	Summary Record	Data Record
10	Maximum value of B, magnitude of average field vector, for this period	B Magnitude of average field vector, $(\sqrt{\overline{B_x}^2 + \overline{B_y}^2 + \overline{B_z}^2})$
11	Minimum value of θ_B for this period	θ_B Latitude angle of average field vector, in solar ecliptic coordinates
12	Maximum value of θ_B for this period	ϕ_B Longitude angle of average field vector, in solar ecliptic coordinates
13	Minimum value of ϕ_B for this period	B_x S.e. X component of average field vector, $(\frac{1}{N}\Sigma B_x)$
14	Maximum value of ϕ_B for this period	B_y S.e. Y component of average field vector
15	Minimum value of $\sigma_{\lvert B \rvert}$ for this period	B_z S.e. Z component of average field vector
16	Maximum value of $\sigma_{\lvert B \rvert}$ for this period	$\sigma_{\lvert B \rvert}$ Rms standard deviation in average field magnitude (wd 9)
17	Minimum value of $\underset{\sim}{\sigma_B}$ for this period	$\underset{\sim}{\sigma_B}$ Vector field rms standard deviation (see documentation for details)
18	Maximum value of $\underset{\sim}{\sigma_B}$ for this period	σ_{Bx} Rms standard deviation in B_x average (wd 13)
19	Not used (set to zero)	σ_{By} Rms standard deviation in B_y average
20	Not used (set to zero)	σ_{Bz} Rms standard deviation in B_z average
21	Not used (set to zero)	Number of points contributing to hourly average
22	Not used (set to zero)	Geomagnetic latitude of sum
23	Not used (set to zero)	Spacecraft identifier (see documentation for details)

"Documentation" refers to textual discussion in the Interplanetary Magnetic Field Data Book (NSSDC 75-04).

IMF DATA BOOK TAPE

(NSSDC NSDF ID SM-12A)

SMALL BLOCKSIZE FORMAT

FORMAT

The IMF Data Book Tape is an unlabelled, 9 track, 800 BPI Binary tape created on an IBM/360 computer. Each logical record consists of 23 INTEGER*2 words (LRECL=46), and each physical record consists of 24 logical records (BLKSIZE=1104). The record format is fixed blocked (RECFM=FB). The first physical record contains a summary record followed by 23 dummy records (containing zeros). Each of the next 27 physical records contains one day's data (24 logical records). The 29th physical record contains a summary record (and 23 dummy records). This is again followed by 27 physical records containing one day's data each, and the pattern is repeated throughout the tape.

All words in data records for hours for which no data exist are filled with zeroes. Note that not all data words are available for all spacecraft. The meanings of the words are as follows (with units 10 ths of earth radii for spacecraft ephemeris words, degrees for angles, and 10ths of gammas for field magnitudes, components, and standard deviations):

Word Number	Summary Record		Data Record
1	A negative Number (for record identification purposes) the absolute value of which is Bartels solar rotation number		Year (63,64, etc)
2	The number of hours in this solar rotation period for which there are data		Day (Jan 1 = day 0)
3	Year of beginning of solar rotation period (63, 64, etc)		Hr (0,1,...23)
4	Day of beginning of solar rotation period (Jan 1 = day 0)		Bartels solar rotation number
5	Year of end of solar rotation period	R	Spacecraft Radial distance
6	Day of end of solar rotation period	X	Spacecraft geocentric-solar-ecliptic X position
7	Minimum value of B average field magnitude, for this period	Y	Spacecraft g.s.e. Y position
8	Maximum value of B, average field magnitude, for this period	Z	Spacecraft g.s.e. Z position
9	Minimum value of B, magnitude average field vector, for this period	B	Average field magnitude $(\frac{1}{N}\Sigma\|B\|)$

Word Number	Summary Record	Data Record
10	Maximum value of B, magnitude of average field vector, for this period	B Magnitude of average field vector, $(\sqrt{\overline{B_x}^2 + \overline{B_y}^2 + \overline{B_z}^2})$
11	Minimum value of θ_B for this period	θ_B Latitude angle of average field vector, in solar ecliptic coordinates
12	Maximum value of θ_B for this period	ϕ_B Longitude angle of average field vector, in solar ecliptic coordinates
13	Minimum value of ϕ_B for this period	B_x S.e. X component of average field vector, $(\frac{1}{N}\Sigma B_x)$
14	Maximum value of ϕ_B for this period	B_y S.e. Y component of average field vector
15	Minimum value of $\sigma_{\lvert B\rvert}$ for this period	B_z S.e. Z component of average field vector
16	Maximum value of $\sigma_{\lvert B\rvert}$ for this period	$\sigma_{\lvert B\rvert}$ Rms standard deviation in average field magnitude (wd 9)
17	Minimum value of $\underset{\sim}{\sigma_B}$ for this period	$\underset{\sim}{\sigma_B}$ Vector field rms standard deviation (see documentation for details)
18	Maximum value of $\underset{\sim}{\sigma_B}$ for this period	σ_{Bx} Rms standard deviation in B_x average (wd 13)
19	Not used (set to zero)	σ_{By} Rms standard deviation in B_y average
20	Not used (set to zero)	σ_{Bz} Rms standard deviation in B_z average
21	Not used (set to zero)	Number of points contributing to hourly average
22	Not used (set to zero)	Geomagnetic latitude of sun
23	Not used (set to zero)	Spacecraft identifier (see documentation for details)

"Documentation" refers to textual discussion in the Interplanetary Magnetic Field Data Book (NSSDC 75-04).

```
IEF285I   SYS75136.T074830.SV000.YZJRJJP5.R0000210      SYSOUT
IEF285I   VOL SER NOS= K3SCR3.
IEF285I   SYS75136.T074830.SV000.YZJRJJP5.R0000211      SYSOUT
IEF285I   VOL SER NOS= K3SCR2.
IEF285I   SYS75136.T074830.RV000.YZJRJJP5.R0000212      DELETED
IEF285I   VOL SER NOS= K3SCR5.
IEF285I   SYS75136.T074830.RV000.YZJRJJP5.S0000213      SYSIN
IEF285I   VOL SER NOS= K3SCR3.
IEF285I   SYS75136.T074830.RV000.YZJRJJP5.S0000213      DELETED
IEF285I   VOL SER NOS= K3SCR3.
IEF373I STEP /LINK     / START 75136.1120
IEF374I STEP /LINK     / STOP  75136.1122 CPU    0MIN 01.79SEC MAIN 130K LCS    0K
- STEP 01 -      RETURN CODE = 0000                                    STEP TIME =      .20 MINS=(CPU=        .02,IO=        .18)
                                      IO IN SECS. DISK=    10.50,DRUM=        .56,TAPE=        .00,CELL=        .00,OTHR=        .18
      XXGO        EXEC PGM=*.LINK.SYSLMOD,COND=(4,LT),REGION=70K             00000230
      XXFT05F001 DD  DDNAME=DATA5                                             00000240
      XXFT06F001 DD SYSOUT=&OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=&BLKSIZE)   00000250
      IEF653I SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265)
      XXFT07F001 DD SYSOUT=E,DCB=(RECFM=FB,BLKSIZE=7280,LRECL=80)            00000260
      XXSYSPRINT DD SYSOUT=&OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=&BLKSIZE),  00000270
      IEF653I SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265),
      XX            SPACE=(CYL,(0,1)),UNIT=(DISK,3)                          00000280
      //GO.FT08F001 DD UNIT=9TRACK,DISP=(OLD,KEEP),LABEL=(01,BLP,,IN),
      //        DCB=(BLKSIZE=32000,RECFM=U,DEN=2),
      //              VOL=SER=Y1525
      //GO.DATA5 DD *
      //
IEF236I ALLOC. FOR YZJRJJP5 GO
IEF237I 231    ALLOCATED TO PGM=*.DD
IEF237I 231    ALLOCATED TO FT05F001
IEF237I 331    ALLOCATED TO FT06F001
IEF237I 331    ALLOCATED TO FT07F001
IEF237I 331    ALLOCATED TO SYSPRINT
IEF237I 231    ALLOCATED TO SYSPRINT
IEF237I 232    ALLOCATED TO SYSPRINT
IEF237I 0D3    ALLOCATED TO FT08F001



                                      RECORD      1  OF FILE    1
                                      LENGTH =   29854   BYTES


   F9090022  003F0131  003F014B  00250048  000C0045  FFC70041  00080164  00020012  00080041  00000000
   00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
   00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
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SM-12A
D-19362
C-15281 <
IMF Composite DATA
11/27/63 - 05/17/74

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00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
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00000000 00000000 CCCC0000 000C0C00 00000000 00000000 00000000 00000000 00000000 0C000C00
00000000 00C00000 00C00000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00C00000 00C00000 000C0000 00000000 00C00000 00000000 00000000 00000000 00000000
00000000 00000000 0CC00000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00C00000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00C00000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 CC000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00C00000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00000000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00C00000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000C00 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00000000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00C00000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 CC0C0000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00CC0000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00C00000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 000C0000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 C000003F 014A000E 06F700BC 008EFF99 FFC0002D 0022FFF3 009AFFE3 000FFFF9
0007001F 000E0015 0012006E 002CC140 003F014A 000F06F7 00C40097 FF96FF8F 00330032 00090083
FFD00001 00080004 000A0005 00070005 006E0035 C140003F 014A0010 06F700CC 009FFF93 FF8E0034
002D002D 008DFFE8 0014001F 00060018 00060016 000F006E 003AC140 003F014A 001106F7 00D400A7
FF90FFBE 0039002E C02200A8 FFDB0008 001A000E 00250014 00100014 006E003E C140003F 014A0012
06F700DC 00AEFF8E FFBD003A 00370018 00A2FFD3 000F001A 00070016 0007000F 00100064 003FC140
003F014A 001306F7 00E300B5 FF88FFBD 00410039 FFF000D2 FFD2FFE6 FFF20003 0021000B 000C001C
006E003F C140003F 014A0014 06F700E9 00BCFF89 FFBD0048 0045FFD6 008DFFCE FFF9FFD3 00050014
00070010 0009006E 0042C140 003F014A 001506F7 00EF00C2 FF87FF8C 00450020 00030086 FFEB0017
00020009 00410018 00190034 006E0046 C140003F 014A0016 06F700F5 00C9FF86 FFBC0047 00430031
004E0009 00280032 CC030018 00150008 0009006E 004EC140 003F014A 001706F7 00FB00CF FF84FFBC
00410028 00130094 FFDE0016 000E0008 00340010 00250021 006E0044 C140003F 014B0000 06F70101
00D4FF82 FFBD003F 002A002A 0062FFFD 001F001C 00040031 00180022 0018006E 0044C140 003F014B
000106F7 010600DA FF81FFBD 003E0022 00410111 0001FFF3 001F000E 00380009 00170033 006E0042
C140003F 014B0002 06F7010A 00DFFF80 FFBD003C 003AFFC8 0071FFF4 001EFFD1 000A0015 000D000D
000A006E 0034C140 003F014B 000306F7 010F00E4 FF7FFFBD 00420028 FFC7009E FFED0008 FFDF0012
003A0018 00080034 006E003F C140003F 014B0004 06F70113 00E9FF7E FFBE0028 000C001B 011F0003
FFF70006 00120020 00150007 0026006E 002CC140 003F014B 000506F7 011700ED FF7DFF8E 002F0012
FFFB000F 00120005 CCCC000E 00300016 00180023 006E0031 C140003F 014B0006 06F7011B 00F1FF7C
FFBF0041 00410008 00190034 00180009 00020009 00030007 0005006E 0043C140 003F014B 000706F7
011F00F6 FF7CFFC0 00390039 000D000B 00370004 000D0005 00090006 00030006 006E003D C140003F
014B0008 06F70122 00F9FF78 FFC0002D 002C0003 00080028 00060002 0004000A 00040008 0005006E
002EC140 003F014B 000506F7 012600FD FF7BFFC1 00250023 00120164 0021FFFF 000B000E 0013000E
00090009 006E0029 C140003F 014B000A 06F70128 0101FF7B FFC2002B 0029FFFD 0139001C FFE3FFFF
00070010 000A0008 000A006E 002EC140 003F014B 000806F7 01280104 FF7BFFC2 002A0028 0004014A
0023FFED 00030004 00110008 000A000B 0064002C C140003F 014B000C 06F7012E 0107FF7B FFC30031
00280008 01420001 FFE90007 00060018 000C0019 000A006E 0033C140 003F014B 000D06F7 0130010A
FF7BFFC4 00310030 FFFA011E 000EFFD3 FFFC0006 000C0009 00060005 006E0031 C140003F 014B000E
06F70132 010DFF7B FFC50033 002CFFF7 01190008 FFD6FFFA 0009001E 000E000D 00170064 0032C140
003F014B 000F06F7 0134010F FF7BFFC6 00360036 001A0143 0026FFE4 00180002 00090005 00060004
006E003C C140003F 014B0010 06F70136 0111FF7B FFC7003C 003A001D 01560031 FFF1001C 0006000E
00070008 0006006E 0041C140 003F014B 001106F7 01370114 FF7BFFC8 003C003A 00130149 002FFFE5
00130008 00130008 000F0007 006E0040 C140003F 014B0012 06F70139 0115FF7C FFC9003D 003A0016
01370023 FFD90015 00050015 000A000C 000E006E 0041C140 003F014B 001306F7 013A0117 FF7CFFCB
003A0039 00200138 0023FFDF 001F0002 00080005 00050004 006E0040 C140003F 014B0014 06F70138
0119FF7D FFCC003A 0039001A 0132001E FFD70019 0004000C 00090006 0004006E 003FC140 003F014B
001506F7 013C011A FF7EFFCD 00320030 000D0150 002BFFEE 000B0007 000E0006 000A0008 006E0035
C140003F 01480016 06F7013C 011CFF7E FFCE0028 002AFFFE 01520027 FFF2FFFF 000A000D 000B0006
0005006E 002BC140 003F014B 001706F7 013D011D FF7FFFCF 00310030 00080137 001FFFDD 00070005
000B0006 00080005 006E0033
```

RECORD 143 OF FILE 1
LENGTH = 29854 BYTES

```
F87B0087 004A0079 004A0093 002D009D 001C009A FFAE003C 00060163 00010051 00050067 00000000
00000000 00000000 00C00000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00C00000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 000C0000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 000C0000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 000C0000 000C0000 00000000 00000000 0000000C 00000000 00000000 00000000
00000000 00000000 00C00000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 CC0C0000 000C0000 00000000 00000000 0000000C 00000000 00000000 00000000
00000000 00CC0000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00CC0000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 000C0000 000C0C00 00000000 00000000 0000000C 00000000 00000000 00000000
00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
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00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
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00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000
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00000000  00000000  00000000  004A0079  00150785  00FCFFEE  FF4300A5  005B005A  0022008D  FFC7002F
00320007  000D0006  000A0006  00D50012  D140004A  00790016  078500FC  FFFDFF40  00A3003F  0029FFE7
0094FFE2  0014FFEF  00090031  0023001B  00150011  000ED140  00000000  00000000  00000000  00000000
00000000  00000000  00000000  00000000  00000000  00000000  00000000  0000004A  007A0000  078500FD
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```

```
                                    143 RECORDS IN FILE    1 OF TAPE


 IEF142I - STEP WAS EXECUTED - COND CODE 0000                                                                    <
 IEF285I    SYS75136.T074830.RV000.YZJRJJP5.LODMOD         PASSED
 IEF285I    VOL SER NOS= K3SCR2.
 IEF285I    SYS75136.T074830.RV000.YZJRJJP5.S0000218       SYSIN
 IEF285I    VOL SER NOS= K3SCR2.
 IEF285I    SYS75136.T074830.RV000.YZJRJJP5.S0000218       DELETED
 IEF285I    VOL SER NOS= K3SCR2.
 IEF285I    SYS75136.T074830.SV000.YZJRJJP5.R0000214       SYSOUT
 IEF285I    VOL SER NOS= K3SCR4.
 IEF285I    SYS75136.T074830.SV000.YZJRJJP5.R0000215       DELETED
 IEF285I    VOL SER NOS= K3SCR4.
 IEF285I    SYS75136.T074830.SV000.YZJRJJP5.R0000216       DELETED
 IEF285I    VOL SER NOS= K3SCR4.
 IEF285I    SYS75136.T074830.RV000.YZJRJJP5.R0000217       KEPT
 IEF285I    VOL SER NOS= Y1525 .
 IEF280E K 0D3,Y1525 .YZJRJJP5,GO
 IEF373I STEP /GO       / START 75136.1122
 IEF374I STEP /GO       / STOP  75136.1128 CPU    0MIN 05.92SEC MAIN 186K LCS    0K
 - STEP 02 -      RETURN CODE = 0000                                    STEP TIME =      .18 MINS=(CPU=      .09,IO=      .09)
                                        IO IN SECS. DISK=    2.55,DRUM=      .34,TAPE=     2.95,CELL=      .00,OTHR=      .13
 IEF285I    SYS75136.T074830.RV000.YZJRJJP5.LODMOD         DELETED
 IEF285I    VOL SER NOS= K3SCR2.
 IEF375I  JOB /YZJRJJP5/ START 75136.1120
 IEF376I  JOB /YZJRJJP5/ STOP  75136.1128 CPU    0MIN 07.71SEC
 -  SYSTEM=MVT-21 (11-21-73)   K3                                                    TIME=11.28.56.23 DATE=05-16-75
 - JOB 0133-                                                TOTAL TIME =      .40 MINS=(CPU=      .12,IO=      .28)
                                       IO IN SECS. DISK=    13.05,DRUM=      .90,TAPE=     2.95,CELL=      .00,OTHR=      .32
  THERE WERE 01 TAPES MOUNTED FOR THIS JOB. TAPE MOUNT CHARGE WAS 00.0 MINUTES.
```