

#333

PIONEER 6 + 7

65-105A-01C

66-075A-01C

HOURLY AVG. VECTOR MAG. FIELD DATA

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

PIONEER 6 & 7

HOURLY AVERAGED VECTOR MAGNETIC FIELD DATA

65-105A-01C

SPHE-00128

66-075A-01C

THIS DATA SET HAS BEEN RESTORED. THE TAPE CONTAINS PIONEER 6 AND 7 DATA. THE ORIGINAL TAPE WAS 9-TRACK, 1600 BPI, BINARY WITH ONE FILE OF DATA. THE RESTORED TAPE IS 9-TRACK, 6250 BPI, BINARY WITH ONE FILE OF DATA. THE TAPE WAS CREATED ON A 360/75 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBER AND TIME SPAN FOLLOWS:

DR#	DS#	D#	TIME SPAN
DR02771	DS02771	D23343	12/15/65 - 09/15/67 P6 08/17/66 - 10/27/67 P7

REQ. AGENT
CMP

RAND NO.
RC5528

ACQ. AGENT
JHK

PIONEER 6 & 7

HOURLY AVERAGED VECTOR MAGNETIC FIELD DATA

65-105A-01C

66-075A-01C

This data set contains 1 magnetic tape of combined Pioneer 6 and Pioneer 7 data. The tape is 9-track, Binary, 1600 BPI, with 1 file. It was created on a 360/75 computer with no label. Below are the time spans for the data of each satellite.

<u>D#</u>	<u>C#</u>	<u>PIONEER 6</u>	<u>PIONEER 7</u>
D-23343	C-17550	12/15/65 - 09/15/67	08/17/66 - 10/27/67

FORMAT

PIONEER 6 AND 7 HOURLY AVERAGED MAGNETIC FIELD DATA TAPE

65-105A-01C AND 66-075A-01C

The tape is 9 track, 1600 BPI, binary and was created on an IBM 360 computer using LABEL=(1,NL,,OUT),DCB=(RECFM=VBS,LRECL=68,BLKSIZE=3404,DEN=3).

<u>WORD</u>	<u>TYPE</u>	<u>DESCRIPTION</u>
1	I4	Last 2 digits of year (65,66,or 67)
2	I4	Decimal day (Jan. 1 = Day 0)
3	I4	Decimal Hour (0,1,...23)
4	I4	Start minute of average
5	I4	Spacecraft identifies (6=Pioneer 6, 7=Pioneer 7)
6	R4	Hourly averaged field magnitude, in gammas, obtained by averaging 30-sec averaged magnitude
7	R4	Field latitude (in degrees) computed from hourly averaged Bx,By, Bz, in solar ecliptic coordinates
8	R4	Field longitude (in degrees), derived as for field latitude.
9	R4	Number of 30-sec points in hour average, if available
10		Coordinate system
11	R4	Standard deviation of total field magnitude, in gammas
12	R4	Standard deviation of Bx, in gammas
13	R4	Standard deviation of By, in gammas
14	R4	Standard deviation of Bz, in gammas
15	R4	Field magnitude computed from hourly Bx, By, Bz, in gammas

Code to indicate if calibration or flip
data (value is blank for normal data)

```

IEF2851 VOL SER ACS= K3SYS6.
IEF2851 SYS76062.T060736.RV000.YZJRJMS9.LODMOD PASSED
IEF2851 VOL SER NJS= K3SCR3.
IEF2851 SYS76062.T060736.SV000.YZJRJMS9.R0001038 SYSOUT
IEF2851 VOL SER ACS= K3SCR2.
IEF2851 SYS76062.T060736.SV000.YZJRJMS9.R0001039 SYSOUT
IEF2851 VOL SER NJS= K3SCR3.
IEF2851 SYS76062.T060736.RV000.YZJRJMS9.R0001040 DELETED
IEF2851 VOL SER NJS= K3SCR4.
IEF2851 SYS76062.T060736.RV000.YZJRJMS9.S0001041 SYSIN
IEF2851 VOL SER ACS= K3SCR2.
IEF2851 SYS76062.T060736.RV000.YZJRJMS9.S0001041 DELETED
IEF2851 VOL SER ACS= K3SCR2.

```

```

IEF3731 STEP /LINK / START 76062.2005
IEF3741 STEP /LINK / STOP 76062.2009 CPU 0MIN 01.42SEC MAIN 130K LCS 0K
STEP C2 - RETURN CODE = 0000 STEP TIME = .20 MINS=(CPU=.02,IO=.18)

```

```

XXGO EXEC PGM=*,LINK,SYSMOD,COND=(4,LT),REGION=70K
XXFT05F001 DD DNAME=DATA5
XXFT06F001 DD SYSOUT=,OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE)
IEF6531 SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265)
XXFT07F001 DD SYSOUT=B,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=80)
XXSYSPRINT DD SYSOUT=,OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE),
IEF6531 SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265),
XX SPACE=(CYL,(0,1)),UNIT=(DISK,3)
//GO.FTC8F001 DD UNIT=9TRACK,DISP=(OLD,KEEP),LABEL=(01,NL,,IN),
// DCE=(BLKSIZE=32000,RECFM=U,DEN=3),
// VOL=SER=JJ0024
//GO.CATAS DD *
//

```

```

IEF2361 ALLOC. FOR YZJRJMS9 GO
IEF2371 232 ALLOCATED TO PGM=*,DD
IEF2371 232 ALLOCATED TO FTC8F001
IEF2371 331 ALLOCATED TO FT06F001
IEF2371 331 ALLOCATED TO FTC7F001
IEF2371 332 ALLOCATED TO SYSPRINT
IEF2371 231 ALLOCATED TO SYSPRINT
IEF2371 232 ALLOCATED TO SYSPRINT
IEF2371 0C4 ALLOCATED TO FT06F001

```

```

RECCRD 1 OF FILE 1
LENGTH = 3404 BYTES

```

0D4C0000	0C44CCCC	00000041	0000015D	00000012	00000000	00000006	41399999	C1DC0000	42800000
42780000	E2C54040	40999999	41200000	4114CCCC	40E66666	41380000	404C4040	00440000	00000041
0000015D	00000C13	00000000	00000006	4144CCCC	00000000	42700000	42780000	E2C54040	40333333
411CCCCC	41119599	41133333	41433333	40404040	00440000	00000041	0000015D	00000014	00000003
00000006	413CCCCC	C1200000	42700000	42720000	E2C54040	404CCCCC	40CCCCCC	40CCCCCC	40B33333
413CCCCC	40404040	00440000	00000041	0000015D	00000015	00000000	00000005	41399999	00000000
42740000	42780000	E2C54040	404CCCCC	40E66666	40E66666	40CCCCCC	41330000	404C4040	00440000
00000041	0000015D	00000016	00000000	00000006	41419999	C1F00000	42760000	42780000	E2C54040
404CCCCC	40B33333	40CCCCCC	40CCCCCC	41419999	40404040	00440000	00000041	0000015D	00000017
00000000	00000006	41433333	C1E00000	426A0000	42780000	E2C54040	40656666	41180000	40CCCCCC
41219999	41419599	40404040	00440000	00000041	0000015E	00000000	00000006	00000006	41399999
C1600000	426F0000	42780000	E2C54040	40999999	40E66666	411B3333	40CCCCCC	41399999	40404040
0C440000	0CCCC041	0000015E	00000001	00000000	00000006	413CCCCC	41200000	42780000	42780000
E2C54040	40333333	41133333	41119999	40E66666	413B3333	40404040	00440000	00000041	0000015E
00000002	00000000	00000006	41466666	C2180000	42820000	42780000	E2C54040	40199999	41133333
40666666	40999999	41480000	40424040	00440000	00000041	0000015E	00000003	00000000	00000006
41399999	C21A0000	42830000	42780000	E2C54040	404CCCCC	41366666	411E6666	40B33333	41319999
40404040	0C440000	00000041	0000015E	00000004	00000000	00000006	41399999	C2110000	42780000
42780000	E2C54040	40800000	411E6666	41280000	411E6666	40404040	00440000	00000041	00000006
0000015E	00000006	00000000	00000006	41480000	C2160000	427D0000	42780000	E2C54040	40199999
41100000	40800000	40999999	41480000	40404040	00440000	00000041	0000015E	00000006	00000000
00000006	41433333	C2240000	428F0000	42720000	E2C54040	404CCCCC	41133333	40E66666	41119999
41419999	404C4040	00440000	00000041	0000015E	00000007	00000000	00000006	41300000	C22C0000
42F80000	42780000	E2C54040	40B33333	41399999	41519999	41180000	40E66666	404C4040	00440000
00000041	0000015E	00000008	00000000	00000006	41366666	42180000	43120000	42780000	E2C54040
40666666	4114CCCC	41133333	40CCCCCC	4134CCCC	40404040	00440000	00000041	0000015E	00000009
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4114CCCC	41200000	40404040	00440000	00000041	0000015E	0000000A	00000000	00000006	41399999
421C0000	43120000	42780000	E2C54040	40666666	41519999	41219999	411B3333	404C4040	42780000
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4110C000	4110C000	41419999	40404040	00400000	00000041	0000015E	00000000	00000000	00000006
41419999	C2220000	42A50000	42720000	E2C54040	40199999	41119999	43E66666	40CCCCCC	41419999
40404040	0C44CCCC	00000041	0000015E	0000000E	00000000	00000006	41466666	C2150000	428E0000
42780000	E2C54040	404CCCCC	41100000	41199999	40E66666	4144CCCC	40404040	00440000	00000041
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40E66666	411E0000	40B33333	40B33333	41400000	40404040	00000041	0000015E	00000010	00000000
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413CCCCC	40404040	00440000	00000041	0000015E	00000000	00000006	413E3333	C1600000	00000000
429D0000	427E0000	E2C54040	40199999	41199999	41199999	41180000	41380000	40404040	00440000
00000041	0000015E	00000012	00000000	00000006	41366666	C1E00000	42700000	42780000	E2C54040
40333333	41180000	40B33333	41166666	4134CCCC	40404040	0C440000	00000041	0000015E	00000013
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41133333	4134CCCC	40404040	00440000	00000041	0000015E	00000014	00000000	00000006	412CCCCC
C21F0000	429A0000	42780000	E2C54040	40999999	4124CCCC	41233333	40B33333	41280000	40404040
00440000	00000041	0000015F	00000000	00000000	00000006	41200000	C1800000	42550000	425E0000
E2C54040	404CCCCC	41180000	41230000	41166666	41180000	40404040	00440000	00000041	0000015F
00000000	00000000	00000006	41300000	41A00000	42300000	42780000	E2C54040	40999999	41319999
4124CCCC	41166666	41266666	40404040	00440000	00000041	0000015F	00000006	00000000	00000006
414E6666	C2150000	43129000	42780000	E2C54040	41119999	41466666	41300000	411CCCCC	41466666
5B404040	00440000	00000041	0000015F	00000007	00000000	00000006	41666666	C2220000	42780000
42780000	E2C54040	40E66666	40404040	412E6666	412CCCCC	00000000	40404040	00440000	00000041
0000015F	00660000	00000000	00000006	419B3333	41E00000	425D0000	42780000	E2C54040	41200000
41699999	416CCCCC	41300000	418CCCCC	40404040	00440000	00000041	0000015F	00000006	00000000
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41B19999	40404040	00440000	00000041	0000015F	00000000	00000006	00000006	41C19999	C2110000
42850000	42780000	E2C54040	41180000	41C66666	41519999	41200000	41A66666	40404040	00440000
00000041	0000015F	00000000	00000006	00000000	41C99999	41E00000	42580000	42780000	E2C54040
41133333	41AE6666	41666666	41699999	41AB3333	40404040	00440000	00000041	0000015F	0000000C
00000000	00000006	41A4CCCC	42200000	42420000	42780000	E2C54040	41266666	41E80000	418E6666
41466666	41660000	40404040	00440000	00000041	0000015F	00000000	00000006	41966666	40404040
41E0C000	421A0000	42730000	E2C54040	41199999	41B33333	41A80000	41519999	415CCCCC	40404040
00440000	00000041	0000015F	0000000E	00000000	00000006	41E00000	42150000	43166000	42780000
E2C54040	40666666	42158000	41366666	41A4CCCC	4164CCCC	40404040	00440000	00000041	0000015F
0000000F	00000000	00000006	41CB3333	C2230000	42C00000	42780000	E2C54040	41119999	411B3333
4124CCCC	4114CCCC	41CB3333	40404040	00440000	00000041	0000015F	00000000	00000006	00000000
41AE6666	C2250000	42C00000	40000041	0000015F	00000011	00000006	41B19999	C2260000	42B80000
40404040	00440000	00000000	00000000	41683333	411E6666	41A19999	40404040	00440000	00000041
42780000	E2C54040	40E66666	416CCCCC	41999999	C21D0000	42A80000	42780000	E2C54040	412B3333
0000015F	00000012	00000000	00000000	40404040	00440000	00000041	0000015F	00000013	00000000
41B66666	41A80000	41599999	4164CCCC	42780000	E2C54040	411E6666	4194CCCC	41819999	4144CCCC
00000006	4174CCCC	42110000	42850000	42780000	00000014	00000000	00000006	41880000	41600000
41466666	40404040	00440000	00000041	0000015F	00000000	41233333	41800000	40404040	00440000
42730000	42780000	E2C54040	40999999	41499999	41966666	421D0000	42500000	42780000	E2C54040
00000041	0000015F	00000015	00000000	00000006	41733333	40404040	00000041	0000015F	00000016
41180000	417E6666	419CCCCC	41466666	41733333	42720000	42780000	E2C54040	40E66666	419CCCCC
00660000	00660000	41899999	C2160000	40404040	00000041	0000015F	00000017	00000006	417E6666
417B3333	41633333	40404040	42780000	E2C54040	40566666	4144CCCC	41219999	412CCCCC	41780000
C2290000	429A0000	00000150	00000000	00000000	00000006	00000006	C21D0000	42970000	42780000
00440000	00000041	00000000	416E6666	412B3333	413B3333	4154CCCC	40404040	00000041	00000000
E2C54040	40559999	416E6666	41580000	41700000	42830000	42780000	E2C54040	404CCCCC	41266666
00000002	00000000	00000006	4154CCCC	40404040	00000041	00000160	00000003	00000000	00000006
41119999	411E6666	42590000	425B0000	E2C54040	40CCCCCC	411B3333	41499999	41480000	4134CCCC
41466666	42210000	42590000	425B0000	E2C54040	40CCCCCC	411B3333	41499999	41480000	4134CCCC
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RECORD 2 OF FILE 1
LENGTH = 3434 BYTES

004C0000	00440000	00000041	00000160	00000004	00000000	00000000	41466666	41400000	42190000
42780000	E2C54040	404CCCCC	41119999	4124CCCC	41200000	41433333	40404040	00440000	00000041
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41299999	41219999	41366666	413B3333	40404040	00440000	00000041	00000160	00000007	00000000
00000006	413E6666	41700000	42700000	42780000	E2C54040	40800000	41166666	41200000	411B3333
413B3333	40404040	00440000	00000041	00000160	00000008	00000000	00000006	413B3333	41600000
424D0000	42780000	E2C54040	40333333	4114CCCC	411CCCCC	41180000	41399999	40404040	00440000
00000041	00000160	00000009	00000000	00000006	41399999	41A00000	427A0000	42740000	E2C54040
40333333	4124CCCC	4114CCCC	411E6666	41366666	40404040	00440000	00000041	00000160	0000000A
00000000	00000006	4134CCCC	42110000	42740000	42730000	E2C54040	40999999	41200000	41166666
412E6666	40404040	00440000	00000041	00000160	00000000	00000000	00000000	00000006	41380000
421E0000	42800000	42730000	E2C54040	404CCCCC	40CCCCCC	41166666	40CCCCCC	41366666	40404040
00440000	00000041	00000000	00000000	00000000	00000006	4134CCCC	42120000	42950000	42780000
E2C54040	40333333	41133333	41100000	40E66666	4134CCCC	40404040	00440000	00000041	00000160
00000000	00000000	00000006	41300000	421A0000	42930000	42780000	E2C54040	40333333	411E6666

00000126	00000004	00000002	00000007	00000000	42200000	42440000	41400000	E2C54040	00000000
00000000	00000000	00000000	41583333	40404040	00440000	00000043	00000125	00000005	0000000A
00000007	00000000	42200000	42550000	41300000	E2C54040	00000000	00000000	00000000	00000000
41566666	40404040	00440000	00000043	00000126	00000006	00000024	00000007	00000000	421E0000
42500000	41200000	E2C54040	00000000	00000000	00000000	00000000	415E6666	40404040	00440000
00000043	00000126	00000007	0000000A	00000007	00000000	42210000	42400000	41300000	E2C54040
00000000	00000000	00000000	00000000	414E6666	40404040	00440000	00000043	00000126	00000008
00000001	00000007	00000006	421E0000	421E0000	41300000	E2C54040	00000000	00000000	00000000
00000000	41599999	40404040	00440000	00000043	00000126	00000009	0000001A	00000007	00000000
42220000	42190000	41200000	E2C54040	00000000	00000000	00000000	00000000	41600000	40404040
00440000	00000043	00000126	0000000A	00000000	00000007	00000000	42200000	42150000	41400000
E2C54040	00000000	00000000	00000000	00000000	415CCCCC	40404040	00440000	00000043	00000126
00000000	00000009	00000007	00000000	42200000	42380000	41200000	E2C54040	00000000	00000000
00000000	00000000	414CCCCC	40404040	00440000	00000043	00000126	00000000	00000011	00000007
00000000	422E0000	41400000	41300000	E2C54040	00000000	00000000	00000000	00000000	4154CCCC
40404040									

RECCRD 227 OF FILE 1
LENGTH = 2529 BYTES

09D8C000	0C44CC00	00000043	00000126	00000000	00000008	00000007	00000000	421A0000	43158000
41400000	E2C54040	00000000	00000000	00000000	00000000	41433333	40404040	00440000	00000043
00000126	0000000E	00000010	00000007	00000000	42200000	41E00000	41100000	E2C54040	00000000
00000000	00000000	00000000	41180000	40404040	00440000	00000043	00000126	0000000F	00000008
00000007	00000000	424C0000	4315F000	41400000	E2C54040	00000000	00000000	00000000	00000000
41146666	40404040	00440000	00000043	00000126	00000010	00000007	00000000	C1C00000	
43100000	41300000	E2C54040	00000000	00000000	00000000	41319999	40404040	00440000	
00000043	00000126	00000011	00000007	00000000	C2120000	43101000	41200000	E2C54040	
00000000	00000000	00000000	00000000	412E6666	40404040	00440000	00000043	00000126	00000012
0000000F	00000007	00000000	41200000	42ED0000	41300000	E2C54040	00000000	00000000	00000000
00000000	41319999	40404040	00440000	00000043	00000126	00000013	00000007	00000007	00000000
C1000000	43109000	41400000	E2C54040	00000000	00000000	00000000	00000000	41419999	40404040
00440000	00000043	00000126	00000014	00000031	00000007	00000000	C1600000	43117000	41100000
E2C54040	00000000	00000000	00000000	414B3333	40404040	00440000	00000043	00000126	
00000017	00000012	00000007	415CCCCC	C1200000	42730000	E2C54040	40666666	41800000	
41519999	41ECCCCC	413B3333	40404040	00440000	00000043	00000129	0000000E	00000007	
416B3333	C22C0000	424C0000	42590000	E2C54040	40800000	41C19999	415E6666	41919999	41580000
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424C0000	E2C54040	404CCCCC	41433333	41266666	41799999	416B3333	5B404040	00440000	00000043
00000129	0000000A	00000000	00000007	41680000	41500000	42810000	42780000	E2C54040	40199999
41299999	41380000	413E6666	4164CCCC	40404040	00440000	00000043	00000129	0000000B	00000000
00000007	41680000	41800000	42830000	42770000	E2C54040	40666666	41519999	414E6666	41866666
415E6666	40404040	00440000	00000043	00000129	00000000	00000000	00000007	4164CCCC	41100000
42700000	42780000	E2C54040	40199999	41480000	412E6666	41280000	41633333	40404040	00440000
00000043	00000129	00000000	00000000	00000007	41633333	41900000	42700000	42730000	E2C54040
40666666	41400000	41519999	4174CCCC	415E6666	40404040	00440000	00000043	00000129	0000000E
00000000	00000007	41533333	41100000	42730000	E2C54040	404CCCCC	41599999	4164CCCC	
41819999	41500000	40404040	00440000	00000043	00000129	0000000F	00000000	00000007	41599999
41600000	42700000	E2C54040	40199999	4134CCCC	41380000	415E6666	4154CCCC	40404040	
00440000	00000043	00000129	00000010	00000000	00000007	41599999	42150000	42880000	42780000
E2C54040	40199999	41566666	41666666	417E6666	414E6666	40404040	00440000	00000043	00000129
00000011	00000000	00000007	415B3333	41100000	428A0000	42770000	E2C54040	40999999	413B3333
416E6666	41799999	41519999	40404040	00440000	00000043	00000129	00000012	00000000	00000007
415CCCCC	41F00000	42880000	42740000	E2C54040	40199999	413E6666	41519999	414CCCCC	41580000
40404040	00440000	00000043	00000129	00000013	00000000	00000007	41600000	421B0000	42AA0000
42770000	E2C54040	40999999	41480000	417B3333	412B3333	41599999	40404040	00440000	00000043
0000012A	0000000A	00000000	00000007	414B3333	C2190000	42710000	42720000	E2C54040	40199999
412E6666	411E6666	417B3333	4144CCCC	40404040	00440000	00000043	0000012A	0000000B	00000000
00000007	414E0000	C2160000	42620000	42780000	E2C54040	40199999	41319999	412E3333	41799999
41400000	40404040	00440000	00000043	0000012A	00000000	00000000	00000007	41466666	423C0000
42890000	427E0000	E2C54040	40333333	4134CCCC	416B3333	415B3333	413B3333	40404040	00440000
00000043	0000012A	00000000	00000000	00000007	41499999	41600000	429F0000	42760000	E2C54040
411B3333	41519999	41830000	418CCCCC	413B3333	40404040	00440000	00000043	0000012A	0000000E
00000000	00000007	41430000	C2290000	429A0000	42780000	E2C54040	40199999	412E6666	4114CCCC
41399999	41466666	40404040	00440000	00000043	0000012A	0000000F	00000000	00000007	41499999
C2400000	42600000	42780000	E2C54040	40199999	41399999	41219999	4134CCCC	41480000	40404040
00440000	00000043	0000012A	00000010	00000000	00000007	41466666	C24C0000	42720000	42780000
E2C54040	40333333	41366666	41319999	41680000	41400000	40404040	00440000	00000043	0000012A
00000011	00000000	00000007	41480000	C2400000	42600000	E2C54040	40333333	4134CCCC	
41200000	41333333	41466666	40404040	00440000	00000043	0000012A	00000012	00000000	00000007
4144CCCC	C2420000	42630000	42760000	E2C54040	40333333	41533333	411B3333	412F3333	414C0000
40404040	00440000	00000043	0000012A	00000013	00000000	00000007	41419999	C2440000	4313F000
42740000	E2C54040	40800000	414E6666	41A33333	41599999	412CCCCC	40404040	00440000	00000043
0000012C	00000014	00000010	00000007	41500000	C21C0000	42B10000	42300000	E2C54040	41180000
41180000	41ECCCCC	41399999	41480000	40404040	00440000	00000043	0000012C	00000015	00000000

00000007	4154CCCC	C2250000	42A40000	42780000	E2C54040	40199999	41133333	41180000	41183333
4154CCCC	40404040	00440000	00000043	0000012C	00000016	00000013	00000007	41533333	C2200000
42A90000	42510000	E2C54040	40333333	41180000	4114CCCC	41166666	4154CCCC	5B404040	00440000
00000043	0000012C	00000017	00000000	00000007	4154CCCC	C2200000	42A30000	42780000	E2C54040
40199999	41180000	41280000	41180000	4154CCCC	40404040	00440000	00000043	0000012C	00000000
00000000	00000007	41533333	C2230000	429E0000	426E0000	E2C54040	40199999	41166666	40CCCCCC
41133333	41533333	40404040	00440000	00000043	0000012C	00000001	00000000	00000007	414B3333
C2270000	429E0000	426A0000	E2C54040	40199999	41100000	4CB33333	41100000	414CCCCC	40404040

227 RECORDS IN FILE 1 OF TAPE

```

IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS76062.T060736.RV000.YZJRJMS9.LODMOD PASSED
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76062.T060736.RV000.YZJRJMS9.S0001046 SYSIN
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76062.T060736.RV000.YZJRJMS9.S0001046 DELETED
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76062.T060736.SV000.YZJRJMS9.R0001042 SYSOUT
IEF285I VOL SER NOS= K3SCR4.
IEF285I SYS76062.T060736.SV000.YZJRJMS9.R0001043 DELETED
IEF285I VOL SER NOS= K3SCR4.
IEF285I SYS76062.T060736.SV000.YZJRJMS9.F0001044 DELETED
IEF285I VOL SER NOS= K3SCR5.
IEF285I SYS76062.T060736.RV000.YZJRJMS9.F0001045 KEPT
IEF285I VOL SER NOS= JJ0024.
IEF280E K CC4.JJC024.YZJRJMS9.G0
IEF373I STEP /GO / START 76062.2009
IEF374I STEP /GO / STOP 76062.2012 CPU 0MIN 03.34SEC MAIN 186K LCS OK
- STEP 03 - RETURN CODE = 0000

```

```

ID IN SECS. DISK= 2.20, DRUM= .34, TAPE= .16, MINS=(CPU= .05, IO= .11)
IEF285I SYS76062.T060736.RV000.YZJRJMS9.LODMOD DELETED
IEF285I VOL SER NOS= K3SCR3.
IEF375I JOB /YZJRJMS9/ START 76062.1952
IEF376I JOB /YZJRJMS9/ STOP 76062.2012 CPU 0MIN 06.13SEC
- SYSTEM=MVT-21 (11-21-73) K3
- JOB 0143-
TOTAL TIME = .49 MINS=(CPU= .10, IO= .39)
ID IN SECS. DISK= 13.12, DRUM= 1.06, TAPE= 9.28, CELL= .00, OTHR= .35

```

THERE WERE 03 TAPES MOUNTED FOR THIS JOB. TAPE MOUNT CHARGE WAS 00.0 MINUTES.

18 65349 18 0 6 3.6 -13. 128.120. SE 0.6 2.0 1.3 0.9 3.5
 19 65349 19 0 6 4.3 0. 112.120. SE 0.2 1.8 1.1 1.2 4.2
 20 65349 20 3 6 3.8 -2. 125.114. SE 0.3 0.8 0.8 0.7 3.8
 21 65349 21 0 6 3.6 0. 116.120. SE 0.3 0.9 0.9 0.8 3.5
 22 65349 22 0 6 4.1 -15. 118.120. SE 0.3 0.7 0.8 0.8 4.1
 23 65349 23 0 6 4.2 -14. 106.120. SE 0.4 1.5 0.8 2.1 4.1
 0 65350 0 0 6 3.6 -6. 111.120. SE 0.6 0.5 1.7 0.8 3.6
 1 65350 1 0 6 3.6 2. 120.120. SE 0.2 1.2 1.1 0.9 3.7
 2 65350 2 0 6 4.4 -24. 130.120. SE 0.1 1.2 0.4 0.6 4.5
 3 65350 3 0 6 3.6 -26. 131.120. SE 0.3 3.4 1.9 0.7 3.1
 19 66228 19 0 734.1 31. 177.116. SE 0.4 9.4 7.7 9.533.83
 20 66228 20 0 727.5 25. 180.120. SE 3.5 2.5 3.2 13.227.2
 21 66228 21 0 720.3 21. 180.120. SE 1.3 1.7 1.9 5.720.3
 22 66228 22 0 715.6 17. 183.120. SE 2.8 5.1 5.9 11.715.5
 23 66228 23 0 716.0 12. 186.120. SE 1.2 3.5 3.3 4.616.0
 0 66229 0 0 713.3 11. 184.120. SE 2.4 4.3 6.4 8.013.3
 1 66229 1 0 7 5.8 20. 33.120. SE 2.4 9.9 6.8 16.2 3.9
 2 66229 2 0 713.4 8. 17.120. SE 3.2 7.6 6.4 11.113.3
 3 66229 3 0 714.5 4. 17.120. SE 2.7 6.5 8.7 9.314.3
 4 66229 4 0 713.6 10. 15.120. SE 1.3 4.0 2.9 4.313.6
 5 66229 5 0 712.1 14. 16.120. SE 0.5 1.8 3.3 2.612.1

LAST PICN 6,7 TIMES ARE 67 259 19 67 301 1

IEF142I - STEP WAS EXECUTED - COND CODE 0000
 IEF285I SYS76055.T082136.RV000.K1JHKPL2.LODMOD PASSED
 IEF285I VOL SER NOS= K3SCR2.
 IEF285I SYS76055.T082136.RV000.K1JHKPL2.S0000013 SYSIN
 IEF285I VOL SER NOS= K3SCR2.
 IEF285I SYS76055.T082136.RV000.K1JHKPL2.S0000013 DELETED
 IEF285I VOL SER NOS= K3SCR2.
 IEF285I SYS76055.T082136.SV000.K1JHKPL2.R0000010 SYSOUT
 IEF285I VOL SER NOS= K3SCR4.
 IEF285I SYS76055.T082136.SV000.K1JHKPL2.R0000011 DELETED
 IEF285I VOL SER NOS= K3SCR5.
 IEF285I SYS76055.T082136.SV000.K1JHKPL2.R0000012 DELETED
 IEF285I VOL SER NOS= K3SCR4.
 IEF285I PLON67 KEPT
 IEF285I VOL SER NOS= JJ0148.

IEF373I STEP /GC / START 76055.0837
 IEF374I STEP /GO / STOP 76055.0840 CPU 0MIN 02.65SEC MAIN 60K LCS 0K
 - STEP 03 - RETURN CODE = 0000 STEP TIME = .10 MINS=(CPU= .04,IO= .06)
 IO IN SECS. DISK= 1.20,DRUM= .20,TAPE= 2.33,CELL= .00,OTHR= .13

-- THIS STEP DOES NOT USE AT LEAST 50K BYTES OF CORE THAT IT REQUESTS -- PLEASE DECREASE THE REGION PARAMETER

IEF285I SYS76055.T082136.RV000.K1JHKPL2.LODMOD DELETED
 IEF285I VOL SER NOS= K3SCR2.
 IEF375I JOB /K1JHKPL2/ START 76055.0821
 IEF376I JOB /K1JHKPL2/ STOP 76055.0840 CPU 0MIN 06.33SEC
 - SYSTEM=MVT-21 (11-21-73) K3
 - JOB 0026-

TOTAL TIME = .49 MINS=(CPU= .10,IO= .39)
 IO IN SECS. DISK= 20.25,DRUM= 1.08,TAPE= 2.33,CELL= .00,OTHR= .46

THERE WERE 01 TAPES MOUNTED FOR THIS JOB. TAPE MOUNT CHARGE WAS 00.0 MINUTES.

```
JCENAME-
KK      KK      11      JJJJJJ  HH      HH      KK      KK      pppppppppp  66666666  777777777777
KK      KK      111      JJJJJJ  HH      HH      KK      KK      pppppppppppp  6666666666  777777777777
KK      KK      1111      JJ      HH      HH      KK      KK      pp      pp      66      66      77
KK      KK      11      JJ      HH      HH      KK      KK      pp      pp      66      66      77
KK      KK      11      JJ      HH      HH      KK      KK      pp      pp      66      66      77
KK      KK      11      JJ      HHHHHHHHHHHH  KK      KK      pppppppppppp  6655666666  77
KK      KK      11      JJ      HHHHHHHHHHHH  KK      KK      pppppppppppp  6666666666  77
KK      KK      11      JJ      HH      HH      KK      KK      pp      pp      66      66      77
KK      KK      11      JJ      HH      HH      KK      KK      pp      pp      66      66      77
KK      KK      11      JJ      HH      HH      KK      KK      pp      pp      66      66      77
KK      KK      11      JJ      HH      HH      KK      KK      pp      pp      66      66      77
KK      KK      11      JJ      HH      HH      KK      KK      pp      pp      66      66      77
KK      KK      111111  JJJJJJJJ  HH      HH      KK      KK      pp      pp      6666666666  77
KK      KK      111111  JJJJJJJJ  HH      HH      KK      KK      pp      pp      5666666666  77
```

```
BOX-      66666666  000000  11
6666666666  00000000  1111
66      66      00      00      11
66      66      00      00      11
66      66      00      00      11
6666666666  00      00      11
666666666666  00      00      11
66      66      00      00      11
66      66      00      00      11
66      66      00      00      11
666666666666  00000000  111111
6666666666  000000  111111

SACC 360775      READER NUMBER-R0042      CLASS-
AA
AA
AAAA
AAAA
AA      AA
AA      AA
AA      AA
AAAAAAAAAA
AAAAAAAAAA
AA      AA
AA      AA
```

CREATION OF PION 6/7
HR AVG B TAPE

6051Y201

20 FEB 76	BACKLOG	CPU/IO	STANDBY	CPU/IO	IDLE	DOWN	OP. PROBLEMS
360/91	32	9.15/ 8.45	19	5.61/ 1.61	0.00	1.24	LAST WEEK
360/75	18	11.00/ 7.70	3	1.10/ 1.68	0.00	0.30	5

6035Y321

```

*****
*****
*                                     *
*                               R E F O R M                               *
*                                     *
*****
*
*       A NEW UTILITY PROGRAM CALLED REFORM IS NOW
*       AVAILABLE. REFORM OFFERS REBLOCKING, COPYING, CREATING, ADDING,
*       & MODIFYING A DATA SET. REFORM DOES NOT REQUIRE THE USAGE OF
*       CONTROL CARD FOR EXECUTION; BUT, IT ALLOWS THE PADDING AND/OR
*       TRIMMING OF THE LOGICAL RECORDS OF A GIVEN DATA SET.
*       THE DOCUMENTATION OF REFORM CAN BE PICKED UP FROM THE PAC. FOR
*       ADDITIONAL INFORMATION CONCERNING REFORM CONTACT M. BLAKE ON
*       XS436.
*
*****
*****

```

```

//K1JHKB67 JOB (K10112385L,T,KAO001,004001),601,MSGLEVEL=(1,1)          601R0042
// EXEC FORTRANH,PARM='OPT=1,XREF'
XXDEFAULT PROC FORTRAN=IEKAA00,NBLK=40,OUT=A,BLKSIZE=7265          04 NOV 74 00000100
XXSOURCE EXEC PGM=&FORTRAN,REGION=250K,PARM='OPT=2' FORTRANH      00000200
IEF653I SUBSTITUTION JCL - PGM=IEKAA00,REGION=250K,PARM='OPT=2'
XXSTEPLIB DD DSN=SYS2.TRANSLAT,DISP=SHR                             00000300
XXSYSLIN DD DSN=IE00BJMOD,DISP=(MOD,PASS),UNIT=SYSDA,              *00000400
XX SPACE=(3200,(8NBLK,10),,RCUND),                                *00000500
IEF653I SUBSTITUTION JCL - SPACE=(3200,(40,10),,RCUND),
XX DCB=(,RECFM=FB,LRECL=80,BLKSIZE=3200)                          00000600
XXSYSPRINT DD SYSOUT=&OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=6BLKSIZE) 00000700
IEF653I SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265)
XXSYSPUNCH DD SYSOUT=8,DCB=(RECFM=FB,BLKSIZE=7280,LRECL=80)       00000800
XXSYSUT1 DD SPACE=(TRK,(0,5)),UNIT=(DISK,SEP=(SYSLIN,SYSPRINT)),  *00000900
XX DCB=(RECFM=FB,BLKSIZE=3465,LRECL=105)                          00001000
XXSYSUT2 DD SPACE=(TRK,(4,2)),UNIT=(DISK,SEP=(SYSLIN,SYSPRINT),  *00001100
XX SYSUT1))                                                         00001200
XXSYSAEND DD SYSOUT=A                                              00001300
//SOURCE.SYSIN DD *

```

```

IEF236I ALLOC. FOR K1JHKB67 SOURCE
IEF237I 230 ALLOCATED TO STEPLIB
IEF237I 332 ALLOCATED TO SYSLIN
IEF237I 331 ALLOCATED TO SYSPRINT
IEF237I 232 ALLOCATED TO SYSPUNCH
IEF237I 232 ALLOCATED TO SYSUT1
IEF237I 231 ALLOCATED TO SYSUT2
IEF237I 332 ALLOCATED TO SYSAEND
IEF237I 232 ALLOCATED TO SYSIN

```

LEVEL 21.6 (DEC 72)

05/360 FORTRAN H

DATE 76.051/19.57.55

COMPILER OPTIONS - NAME= MAIN,OPT=01,LINECNT=60,SIZE=0000K,

SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,IO,XREF

```

ISN 0002 DIMENSION DATA(14),IDAT(3),IBXFLG(3),ICNT(7)
ISN 0003 DATA IBXFLG/3*0/,ICNT/7*0/,ICSFLG/0/
ISN 0004 DATA CS/1,SE/1,SC6/6,SC7/7/
ISN 0005 100 READ(8,101) IDAT,DATA,DATA1,IMIN
ISN 0006 101 FORMAT(12,I3,I2,22X,F4.1,1X,2F5.0,F4.0,A2,4X,4F5.1,
C1X,F4.1,3F5.1,A1,9X,A1,12)
ISN 0007 IF (IDAT(1).GT.67) GO TO 200
ISN 0009 IF (DATA(14).NE.SC6) GO TO 110
ISN 0011 ISC=6
ISN 0012 GO TO 111
ISN 0013 110 IF (DATA(14).NE.SC7) GO TO 100
ISN 0015 ISC=7
ISN 0016 111 IF (DATA(5).NE.CS) ICSFLG=ICSFLG+1
ISN 0018 DO 104 J=1,3
ISN 0019 IF (DATA(J+1).NE.0.) IBXFLG(J)=IBXFLG(J)+1
ISN 0021 104 CONTINUE
ISN 0022 ICNT(ISC)=ICNT(ISC)+1
ISN 0023 WRITE(9) (IDAT(I),I=1,3),IMIN,ISC,(DATA(I),I=1,10),DATA1

```

```

ISN 0024 GO TO 100
ISN 0025 END FILE 9
ISN 0026 REWIND 9
ISN 0027 WRITE(6,201) ICSFLG,(IBXFLG(I),I=1,3)
ISN 0028 201 FORMAT (1H1,10HFLAGS ARE ,4I8)
ISN 0029 WRITE (6,202) ICNT(6),ICNT(7)
ISN 0030 202 FORMAT (1H1,27HNUMBERS OF P6,P7 PCINTS ARE,2I8)
ISN 0031 STOP
ISN 0032 END

```

*****F U R T R A N C R O S S R E F E R E N C E L I S T I N G*****

PAGE 002

SYMBOL	INTERNAL	STATEMENT	NUMBERS
I	0023	0023	0023 0023 0027 0027 0027
J	0018	0019	0019 0019
CS	0004	0016	
ISC	0011	0018	0022 0022 0023
SC6	0004	0009	
SC7	0004	0013	
DATA	0002	0009	0013 0016 0019 0023
ICNT	0002	0003	0022 0022 0029 0029
ICAT	0002	0003	0007 0023
IMIN	0005	0023	
DATA1	0005	0023	
IBXFLG	0002	0003	0019 0019 0027
ICSFLG	0003	0016	0016 0027

*****F U R T R A N C R O S S R E F E R E N C E L I S T I N G*****

PAGE 003

LABEL	DEFINED	REFERENCES
100	0005	0013 0024
101	0006	0005
104	0021	0018
110	0013	0009
111	0016	0012
200	0025	0007
201	0028	0027
202	0030	0029

/ MAIN / SIZE OF PROGRAM 000384 HEXADECIMAL BYTES PAGE 004

NAME	TAG	TYPE	ADD.	NAME	TAG	TYPE	ADD.	NAME	TAG	TYPE	ADD.	NAME	TAG	TYPE	ADD.	
I	F	I*4	000100	J	SF	I*4	000110	CS		R*4	000114	ISC	SF	I*4	000118	
SC6		R*4	000110	SC7		R*4	000120	DATA	SF	R*4	000130	ICNT	SF	I*4	000168	
IDAT	SF	I*4	000184	IMIN	SF	I*4	000124	DATA1	SF	R*4	000128	IBCOM#	F	XF	I*4	000000
IBXFLG	SF	I*4	000190	ICSFLG	SF	I*4	000120									

LABEL	ADDR	LABEL	ADDR	LABEL	ADDR	LABEL	ADDR
100	0001BC	110	000218	111	00022C	104	00026A
200	000258						

PAGE 005

OPTIONS IN EFFECT NAME = MAIN,OPT=01,LINECNT=60,SIZE=0000K.
 OPTIONS IN EFFECT SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NODEIT,LD,XREF
 STATISTICS SOURCE STATEMENTS = 31,PROGRAM SIZE = 900
 STATISTICS NO DIAGNOSTICS GENERATED
 ***** END OF COMPILE *****

67K BYTES OF CORE NOT USED

```

IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS2.TRANSLAT KEPT
IEF285I VOL SER NOS= K3SYSS.
IEF285I SYS76051.T093210.RV000.K1JHKP67.0BJMOD PASSED
IEF285I VOL SER NOS= K3SCR5.
IEF285I SYS76051.T093210.SV000.K1JHKP67.R0000001 SYSOUT
IEF285I VOL SER NOS= K3SCR4.
IEF285I SYS76051.T093210.SV000.K1JHKP67.R0000002 DELETED
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76051.T093210.RV000.K1JHKP67.R0000003 DELETED
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76051.T093210.RV000.K1JHKP67.R0000004 DELETED
IEF285I VOL SER NOS= K3SCR2.
IEF285I SYS76051.T093210.SV000.K1JHKP67.R0000005 DELETED
IEF285I VOL SER NOS= K3SCR5.
IEF285I SYS76051.T093210.RV000.K1JHKP67.S0000006 SYSIN
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76051.T093210.RV000.K1JHKP67.S0000006 DELETED
IEF285I VOL SER NOS= K3SCR3.

```

IEF373I STEP /SOURCE / START 76051.1930

IEF374I STEP /SOURCE / STOP 76051.1958 CPU 0MIN 01.22SEC MAIN 248K LCS OK

- STEP 01 - RETURN CODE = 0000

IO IN SECS. DISK= 8.60.DRUM= .32.TAPE= .16 MINS=(CPU= .02,IO= .14)
 .00.CEL.= .00.OTHR= .15

```

// EXEC LINKCO,REGION,GO=150K
XXDEFAULT PRCC NBLK=40,OUT=A,BLKSIZE=7265,TERMOUT=A DATE=72277 00000010
XXLINK EXEC PGM=IEWL,PARM=(MAP,LIST,TERM),COND=(4,LT),REGION=150K 00000020
XXLOADLIB CL DSN=SYS2.LOADLIB,DISP=SHR 00000030

```

```

XXNEWLIN DD DUMMY 00000040
XXSYSLIB DD DSNNAME=SYS2.DUMMY,DISP=SHR 00000050
XX DD DSNNAME=SYS2.DUMMY,DISP=SHR 00000060
XX DD DSNNAME=SYS1.FORTLIB,DISP=SHR 00000070
XX DD DSNNAME=SYS2.FORTLIB,DISP=SHR 00000080
XX DD DSNNAME=SYS1.PL1LIB,DISP=SHR 00000090
XX DD DSNNAME=SYS1.FORTSSP,DISP=SHR 00000100
XX DD DSNNAME=SYS2.COBLIB,DISP=SHR 00000110
XX DD DSNNAME=SYS1.ALGLIB,DISP=SHR 00000120
XXSYSLMOD DD DSNNAME=SSLODMUD(GSFC),DISP=(NEW,PASS), 00000130
XX SPACE=(6144,(8NBLK,20,1)),UNIT=DISK *0000140
IEF6531 SUBSTITUTION JCL - SPACE=(6144,(40,20,1)),UNIT=DISK
XXSYSPRINT DD SYSOUT=A,DCB=(RECFM=FB,M,LRECL=121,BLKSIZE=3509) 00000150
XXSYSTEM DD SYSOUT=&TERMOUT 00000160
IEF6531 SUBSTITUTION JCL - SYSOUT=A
XXSYST1 DD UNIT=(DISK,SEP=(SYSLMOD,SYSPRINT)),SPACE=(TRK,(20,5)) 00000170
XXTAPELIB DD DUMMY,DISP=(OLD,KEEP),UNIT=(9TRACK,,DEFER), *00000180
XX LABEL=(,BLP), *00000190
XX DCB=(,RECFM=FB,LRECL=80,BLKSIZE=3200) 00000200
XXSYSLIN DD DSNNAME=SSCOBJMOD,DISP=(OLD,DELETE),DCB=RECFM=FB 00000210
XX DE DSNNAME=OBJECT 00000220

IEF2371 ALLOC. FOR K1JHKP67 LINK
IEF2371 337 ALLOCATED TO LOADLIB
IEF2371 333 ALLOCATED TO SYSLIB
IEF2371 333 ALLOCATED TO
IEF2371 334 ALLOCATED TO
IEF2371 333 ALLOCATED TO
IEF2371 334 ALLOCATED TO
IEF2371 333 ALLOCATED TO
IEF2371 334 ALLOCATED TO
IEF2371 333 ALLOCATED TO
IEF2371 334 ALLOCATED TO
IEF2371 334 ALLOCATED TO
IEF2371 232 ALLOCATED TO SYSLMOD
IEF2371 231 ALLOCATED TO SYSPRINT
IEF2371 232 ALLOCATED TO SYSTEM
IEF2371 332 ALLOCATED TO SYST1
IEF2371 332 ALLOCATED TO SYSLIN

```

F128-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED MAP,LIST,TERM
 DEFAULT OPTION(S) USED - SIZE=(131072,12288)

MODULE MAP

CONTROL SECTION	ENTRY	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
NAME ORIGIN LENGTH	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	
MAIN 00 384									
IFCECCMH* 388 661	IBCOM#	388	FIOCS#	444	INTSWCH	12CE			
IFCCDMH2* 12F0 660	SEQDASD	1678							
IFCFVTH* 1960 1190	ADCON#	1960	FCVAOUTP	1A0A	FCVLOUTP	1A9A	FCVZOUTP	18EA	
	FCVIGUTP	1F98	FCVEGUTP	249A	FCVCGUTP	26B4	INT6SWCH	299B	
IFCEFNTH* 2800 542	ARITH#	2800	ADJSWCH	2E9C					
IFCEFIOS* 3048 228	FIOCS#	3048	FIOCSBEP	304E					
IFCEIOS2* 3F70 52E									
IFCUOPT * 44A0 328									
IFCERRM * 47C8 504	ERRMON	47C8	IHCERRE	47E0					
IFCUATBL* 4CA0 638									
IHCETRCH* 53D8 28E	IHCTRCH	53D8	ERRTRA	53E0					

ENTRY ADDRESS 00
 TOTAL LENGTH 5668
 *****CSFC DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET

```

IEF1421 - STEP WAS EXECUTED - COND CODE 0000
IEF2851 SYS2.LOADLIB KEPT
IEF2851 VOL SER NOS= K3SYS4. KEPT
IEF2851 SYS2.DUMMY KEPT
IEF2851 VOL SER NOS= K3SYS2. KEPT
IEF2851 SYS2.DUMMY KEPT
IEF2851 VOL SER NOS= K3SYS2. KEPT
IEF2851 SYS1.FORTLIB KEPT
IEF2851 VOL SER NOS= K3SYS6. KEPT
IEF2851 SYS2.FORTLIB KEPT

```

```

IEF2851 VOL SER NOS= K3SYS2.
IEF2851 SYS1.PL1LIB KEPT
IEF2851 VOL SER NOS= K3SYS6.
IEF2851 SYS1.FORTSSP KEPT
IEF2851 VOL SER NOS= K3SYS2.
IEF2851 SYS2.CUBLIB KEPT
IEF2851 VOL SER NOS= K3SYS6.
IEF2851 SYS1.ALGLIB KEPT
IEF2851 VOL SER NOS= K3SYS6.
IEF2851 SYS76051.T093210.RV000.K1JHKP67.LODMOD PASSED
IEF2851 VOL SER NOS= K3SCR3.
IEF2851 SYS76051.T093210.SV000.K1JHKP67.R0000007 SYSOUT
IEF2851 VOL SER NOS= K3SCR2.
IEF2851 SYS76051.T093210.SV000.K1JHKP67.R0000008 SYSOUT
IEF2851 VOL SER NOS= K3SCR3.
IEF2851 SYS76051.T093210.RV000.K1JHKP67.R0000009 DELETED
IEF2851 VOL SER NOS= K3SCR5.
IEF2851 SYS76051.T093210.RV000.K1JHKP67.CBJMOD DELETED
IEF2851 VOL SER NOS= K3SCR5.

```

```
IEF3731 STEP /LINK / START 76051.1958
```

```
IEF3741 STEP /LINK / STOP 76051.1958 CPU 0MIN 01.07SEC MAIN 130K LCS OK
```

```
- STEP 02 - RETURN CODE = 0000
```

```

10 IN SECS. DISK= 8.32, DRUM= STEP TIME = .56, TAPE= .15 MINS=(CPU= .01, IO= .14)
XXGO EXEC PGM=*, LINK, SYSLMOD, COND=(4,LT), REGION=70K .00, CEL= .00, OTHR= .17
XXFT05F001 DD DNAME=DATAS 00000230
XXFT06F001 DD SYSOUT=EQUT, DCB=(RECFM=VBA, LRECL=137, BLKSIZE=6BLKSIZE) 00000240
IEF6531 SUBSTITUTION JCL - SYSOUT=A, DCB=(RECFM=VBA, LRECL=137, BLKSIZE=7265) 00000250
XXFT07F001 DD SYSOUT=E, DCB=(RECFM=FB, BLKSIZE=7280, LRECL=80) 00000260
XXSYSPRINT DD SYSOUT=EQUT, DCB=(RECFM=VBA, LRECL=137, BLKSIZE=6BLKSIZE), 00000270
IEF6531 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, DEFER), LABEL=(1,SL,IN), DISP=(OLD,KEEP),
// DSN=HRAVG.IP, DCB=(RECFM=FB, LRECL=107, BLKSIZE=2568, DEN=3),
// VOL=SER=FP5874
//GO.FT09F001 DD UNIT=(9TRACK, LABEL=(1,NL,OUT), DISP=(NEW,KEEP),
// DSN=PION67, DCB=(RECFM=VBS, LRECL=68, BLKSIZE=3404, DEN=3),
// VOL=SER=JJ0148
//GO.DATAS DD *
//

```

```

IEF2361 ALLOC. FOR K1JHKP67 GO
IEF2371 232 ALLCCATED TO PGM=*,DD
IEF2371 231 ALLCCATED TO FT05F001
IEF2371 332 ALLCCATED TO FT06F001
IEF2371 332 ALLCCATED TO FT07F001
IEF2371 331 ALLCCATED TO SYSPRINT
IEF2371 231 ALLCCATED TO SYSPRINT
IEF2371 232 ALLCCATED TO SYSPRINT
IEF2371 005 ALLCCATED TO FT08F001
IEF2371 003 ALLCCATED TO FT09F001

```

```

FLAGS ARE 0 0 0 0
NUMBERS OF P6,P7 POINTS ARE 6375 4962

```

```
IEC2091 K1JHKP67 FP5874 005 TR=060, TA=000, EG=000, CL=000, N=000, SIO=01303
```

```
IEF1421 - STEP WAS EXECUTED - COND CODE 0000
```

```

IEF2851 SYS76051.T093210.RV000.K1JHKP67.LODMOD PASSED
IEF2851 VOL SER NOS= K3SCR3.
IEF2851 SYS76051.T093210.RV000.K1JHKP67.S0000013 SYSIN
IEF2851 VOL SER NOS= K3SCR2.
IEF2851 SYS76051.T093210.RV000.K1JHKP67.S0000013 DELETED
IEF2851 VOL SER NOS= K3SCR2.
IEF2851 SYS76051.T093210.SV000.K1JHKP67.R0000010 SYSOUT
IEF2851 VOL SER NOS= K3SCR5.
IEF2851 SYS76051.T093210.SV000.K1JHKP67.R0000011 DELETED
IEF2851 VOL SER NOS= K3SCR5.
IEF2851 SYS76051.T093210.SV000.K1JHKP67.R0000012 DELETED
IEF2851 VOL SER NOS= K3SCR4.
IEF2851 HRAVG.IP KEPT
IEF2851 VOL SER NOS= FP5874.
IEF2851 PION67 KEPT
IEF2851 VOL SER NOS= JJ0148.

```

```
IEF280E K 003, JJ0148, K1JHKP67, GO
```

```
IEF3731 STEP /GO / START 76051.1958
```

```
IEF3741 STEP /GO / STOP 76051.2010 CPU 2MIN 02.95SEC MAIN 56K LCS OK
```

```
- STEP 03 - RETURN CODE = 0000
```

```

10 IN SECS. DISK= .90, DRUM= STEP TIME = 2.31 MINS=(CPU= 2.04, IO= .27)
-- THIS STEP DOES NOT USE AT LEAST 50K BYTES OF CORE THAT IT REQUESTS -- PLEASE DECREASE THE REGION PARAMETER .24, TAPE= 15.41, CEL= .00, OTHR= .12
IEF2851 SYS76051.T093210.RV000.K1JHKP67.LODMOD DELETED
IEF2851 VOL SER NOS= K3SCR3.

```