#373

OGO-5

TRI-AXIAL FLUXGATE MAGNETOMETER

68-014A-14I

OGO 5

8 & 64 KBS B-FLD FOR SPECTRUM ANALYSIS

68-014A-14I

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY THERE WERE 15 9-TRACK, 800 BPI TAPES. THERE ARE TWO RESTORED TAPES, THE DR TAPES ARE ON 3480 CARTRIDGE AND THE DS TAPES ARE 9-TRACK, 6250 BPI. THE TAPES WERE CREATED ON AN IBM 360 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBERS AND THE TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR02897	DS02897	D28818	1	03/07/68 - 03/07/68
		D28819	2	03/07/68 - 03/07/68
		D28820	3	03/07/68 - 03/07/68
		D28821	4	03/09/68 - 03/09/68
		D28822	5	03/12/68 - 03/12/68
		D28823	6	03/12/68 - 03/12/68
		D28824	7	03/12/68 - 03/13/68
		D28825	8	03/14/68 - 03/14/68
DR02898	DS02898	D28826	1	03/14/68 - 03/15/68
		D28827	2	03/15/68 - 03/15/68
		D28828	3	03/17/68 - 03/17/68
		D28829	4	03/17/68 - 03/17/68
		D28830	5	03/19/68 - 03/20/68
		D28831	6	03/19/68 - 03/21/68
		D28832	7	03/20/68 - 03/21/68

REQ. AGENT	RAND NO#	ACQ. AGENT
DBN	RC7180	DJH

OGO-5
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68-014A-14I

This data set catalog consists of 15 OGO-5 data tapes. The tapes are 800 BPI, Binary, 9 track, 1 file and were created on the IBM/360.

Interplanetory 64 KBIT data from orbit 2 to 7 with some fill data at 8 KBIT, as necessary to do power spectrum analysis, etc.

Bit rate is indicated by interval between data points:

64 KBIT - 50 PER SEC.
8 KBIT - 5 PER SEC.

D#	C#	TIME SPAN
28818	18698	3/7/68 - 3/7/68
28819	18699	3/7/68 - 3/7/68
28820	18700	3/7/68 - 3/7/68
28821	18701	3/9/68 - 3/9/68
28822	18702	3/12/68 - 3/12/68
28823	18703	3/12/68 - 3/12/68
28824	18704	3/12/68 - 3/13/68
28825	18705	3/14/68 - 3/14/68
28826	18706	3/14/68 - 3/15/68
28827	18707	3/15/68 - 3/15/68
28828	18708	3/17/68 - 3/17/68
28829	18709	3/17/68 - 3/17/68
28830	18710	3/19/68 - 3/20/68
28831	18711	3/19/68 - 3/21/68
28832	18712	2/20/68 - 3/21/68

OGO-5
TRI-AXIAL FLUXGATE MAGNETOMETER
68-014A-14I

FORMAT

This data set consists of 15 tapes. The tapes are 1 file, 800 BPI, Binary, 9 track and were created on an IBM/360.

Each physical record will contain 128 logical records. Also each logical record will be made up of 6-32 bit words.

DISCRIPTION	BYTES	FORMAT
I TIME	1-4	BISHOP TIME
B x	5-8	S/C COORDINATES
B y	9-12	S/C COORDINATES
B z	13-16	S/C COORDINATES
$(Bx^2+By^2+Bz^2)*\frac{1}{2}$	17-20	
I QUALITY FLAG	21-24	

The binary records are written by the Fortran statement.

Write (10) NREC, (IBT(I), BX(I), BY(I), BZ(I), BT(I), IQUAL(I), I=1, 128)

where NREC =128

IBT = Bishop time of data (see appendix)

BX = X spacecraft component of the field in gammas

BY = Y spacecraft component of the field in gammas

BZ = Z spacecraft component of the field in gammas

BT = total field in gammas

IQUAL = Quality indicator as explained in a previous section

Appendix

Bishop time is the name of the unit of time used for the majority of the processing of the OGO-5 and ATS-1 fluxgate magnetometer data at UCLA. It is defined as the number of tenths of seconds since the start of the year 1966, that is, Bishop time equals zero, at 0000 U.T. on January 1, 1966. The advantage of using Bishop time is that one single 360 word can be used to cover a period of six years. Six years is longer than the life-expectancy of most satellites. The disadvantage is that this time word cannot be used to provide timing for the high telemetry rate data of OGO-5. This problem does not arise for the data discussed in this report because the highest sample rate given on these tapes is one point every 4.608 seconds.

On the next page is the listing of a subroutine to convert from Bishop time to ordinary Universal time and vice versa. The entry point BTCON converts from Bishop time while the entry point CONBT converts to Bsihop time.

```
$JOB  13:39:14
$ASS IN MS4 SI TY
$EEC DPHEX BS
NO PROCEDURE
$NOP  DUMP OF T-14366
$EXEC DPHEX BS
 INPUT TAPE ON MS4
 DATA INPUT     1 2 2
  FILE  1       RECORD    1        LENGTH    3084 BYTES
```

D-28818

3/7/68 — 3/7/68

(0)	0C0C0000	0C080000	00000080	2911E0BA	413AD390	413A41EB	C12F04C0	415F3622	000003E8	2911E0BA
(40)	413AD390	413A41EB	C13149C0	41605A39	000003E8	2911E0BA	413AD390	413A41EB	C13149C0	41605A39
(80)	000003E8	2911E0BA	413AD390	413A41EB	C12F04C0	415F3622	000003E8	2911E0BB	413CF5B0	413A41EB
(120)	C12F04C0	41608B49	000003E8	2911E0BB	413CF5B0	413A41EB	C12F04C0	41608B49	000003E8	2911E0BB
(160)	413CF5B0	413A41EB	C12F04C0	41608B49	000003E8	2911E0BB	413CF5B0	413A41EB	C12F04C0	41608B49
(200)	000003E8	2911E0BB	413CF5B0	413A41EB	C13149C0	4161AB64	000003E8	2911E0BB	413CF5B0	413C7303
(240)	C13149C0	4162FE13	000003E8	2911E0BC	413AD390	413A41EB	C12F04C0	415F3622	000003E8	2911E0BC
(280)	413AD390	413A41EB	C12F04C0	415F3622	000003E8	2911E0BC	413AD390	413A41EB	C12F04C0	415F3622
(320)	000003E8	2911E0BC	413AD390	413C7303	C13149C0	4161B179	000003E8	2911E0BC	413AD390	413A41EB
(360)	C13149C0	41605A39	000003E8	2911E0BD	413AD390	413A41EB	C13149C0	41605A39	000003E8	2911E0BD
(400)	413AD390	413A41EB	C13149C0	41605A39	000003E8	2911E0BD	413AD390	413A41EB	C1338EC0	4161886C
(440)	000003E8	2911E0BD	413AD390	413A41EB	C1338EC0	4161886C	000003E8	2911E0BD	413AD390	413A41EB
(480)	C1338EC0	4161886C	000003E8	2911E0BD	413AD390	413A41EB	C13149C0	41605A39	000003E8	2911E0BE
(520)	413AD390	413A41EB	C13149C0	41605A39	000003E8	2911E0BE	413AD390	413A41EB	C13149C0	41605A39
(560)	000003E8	2911E0BE	413AD390	413C7303	C13149C0	4161B179	000003E8	2911E0BE	413CF5B0	413C7303
(600)	C13149C0	4162FE13	000003E8	2911E0BE	413CF5B0	413C7303	C12F04C0	4161E1DD	000003E8	2911E0BF
(640)	413CF5B0	413C7303	C13149C0	4162FE13	000003E8	2911E0BF	413CF5B0	413C7303	C13149C0	4162FE13
(680)	000003E8	2911E0BF	413CF5B0	413C7303	C13149C0	4162FE13	000003E8	2911E0BF	413CF5B0	413C7303
(720)	C13149C0	4162FE13	000003E8	2911E0BF	413CF5B0	413C7303	C13149C0	4162FE13	000003E8	2911E0BF
(760)	413CF5B0	413C7303	C13149C0	4162FE13	000003E8	2911E0C0	413CF5B0	413A41EB	C13149C0	4161AB64
(800)	000003E8	2911E0C0	413AD390	413A41EB	C13149C0	41605A39	000003E8	2911E0C0	413CF5B0	413A41EB
(840)	C13149C0	4161AB64	000003E8	2911E0C0	413CF5B0	413A41EB	C13149C0	4161AB64	000003E8	2911E0C0
(880)	413CF5B0	413A41EB	C13149C0	4161AB64	000003E8	2911E0C1	413CF5B0	413C7303	C13149C0	4162FE13
(920)	000003E8	2911E0C1	413CF5B0	413C7303	C13149C0	4162FE13	000003E8	2911E0C1	413CF5B0	413C7303
(960)	C13149C0	4162FE13	000003E8	2911E0C1	413CF5B0	413C7303	C12F04C0	4161E1DD	000003E8	2911E0C1
(1000)	413CF5B0	413C7303	C12F04C0	4161E1DD	000003E8	2911E0C1	413CF5B0	413C7303	C12F04C0	4161E1DD
(1040)	000003E8	2911E0C2	413CF5B0	413C7303	C12F04C0	4161E1DD	000003E8	2911E0C2	413F17D0	413C7303
(1080)	C12F04C0	41633993	000003E8	2911E0C2	413F17D0	413A41EB	C12F04C0	4161E7B4	000003E8	2911E0C2
(1120)	413F17D0	413A41EB	C12F04C0	4161E7B4	000003E8	2911E0C2	413F17D0	413C7303	C12F04C0	41633993
(1160)	000003E8	2911E0C3	413F17D0	413C7303	C12F04C0	41633993	000003E8	2911E0C3	413F17D0	413C7303
(1200)	C12F04C0	41633993	000003E8	2911E0C3	413F17D0	413A41EB	C12F04C0	4161E7B4	000003E8	2911E0C3
(1240)	413F17D0	413C7303	C12F04C0	41633993	000003E8	2911E0C3	413F17D0	413A41EB	C12F04C0	4161E7B4
(1280)	000003E8	2911E0C3	413CF5B0	413A41EB	C12F04C0	41608B49	000003E8	2911E0C4	413CF5B0	413A41EB
(1320)	C12F04C0	41608B49	000003E8	2911E0C4	413F17D0	413A41EB	C13149C0	416303D9	000003E8	2911E0C4
(1360)	413F17D0	413A41EB	C13149C0	416303D9	000003E8	2911E0C4	413CF5B0	413A41EB	C13149C0	4161AB64
(1400)	000003E8	2911E0C4	413CF5B0	413A41EB	C13149C0	4161AB64	000003E8	2911E0C4	413F17D0	413A41EB
(1440)	C13149C0	416303D9	000003E8	2911E0C5	413F17D0	413A41EB	C13149C0	416303D9	000003E8	2911E0C5
(1480)	413F17D0	413810D2	C13149C0	4161BDD3	000003E8	2911E0C5	413F17D0	413A41EB	C13149C0	416303D9
(1520)	000003E8	2911E0C5	413F17D0	413A41EB	C13149C0	416303D9	000003E8	2911E0C5	413CF5B0	413A41EB
(1560)	C13149C0	4161AB64	000003E8	2911E0C6	413CF5B0	413A41EB	C13149C0	4161AB64	000003E8	2911E0C6
(1600)	413CF5B0	413A41EB	C12F04C0	41608B49	000003E8	2911E0C6	413CF5B0	413A41EB	C12F04C0	41608B49
(1640)	000003E8	2911E0C6	413F17D0	413A41EB	C13149C0	416303D9	000003E8	2911E0C6	413F17D0	413A41EB
(1680)	C13149C0	416303D9	000003E8	2911E0C6	413CF5B0	413A41EB	C13149C0	4161AB64	000003E8	2911E0C7
(1720)	413CF5B0	413A41EB	C13149C0	4161AB64	000003E8	2911E0C7	413CF5B0	413A41EB	C12F04C0	41608B49
(1760)	000003E8	2911E0C7	413CF5B0	413A41EB	C12F04C0	41608B49	000003E8	2911E0C7	413CF5B0	413A41EB
(1800)	C12F04C0	41608B49	000003E8	2911E0C7	413CF5B0	413C7303	C12F04C0	4161E1DD	000003E8	2911E0C8
(1840)	413CF5B0	413C7303	C12F04C0	4161E1DD	000003E8	2911E0C8	413CF5B0	413C7303	C12F04C0	4161E1DD
(1880)	000003E8	2911E0C8	413CF5B0	413C7303	C12F04C0	4161E1DD	000003E8	2911E0C8	413AD390	413C7303
(1920)	C12F04C0	41609170	000003E8	2911E0C8	413CF5B0	413C7303	C12F04C0	4161E1DD	000003E8	2911E0C8
(1960)	413CF5B0	413C7303	C12F04C0	4161E1DD	000003E8	2911E0C9	413AD390	413C7303	C13149C0	4161B179
(2000)	000003E8	2911E0C9	413AD390	413C7303	C13149C0	4161B179	000003E8	2911E0C9	413AD390	413C7303
(2040)	C13149C0	4161B179	000003E8	2911E0C9	413AD390	413C7303	C13149C0	4161B179	000003E8	2911E0C9
(2080)	413CF5B0	413C7303	C13149C0	4162FE13	000003E8	2911E0CA	413CF5B0	413C7303	C12F04C0	4161E1DD
(2120)	000003E8	2911E0CA	413CF5B0	413C7303	C12F04C0	4161E1DD	000003E8	2911E0CA	413CF5B0	413C7303
(2160)	C12F04C0	4161E1DD	000003E8	2911E0CA	413CF5B0	413C7303	C13149C0	4162FE13	000003E8	2911E0CA

```
(   640)  C0829000  411FF4C5  C14ECAB0  41556A88  000003E8  291525E3  C0829000  411FF4C5  C1510FB0  41578399
(   680)  000003E8  291525E3  C0829000  411DC3AC  C1510FB0  4156BCDB  000003E8  291525E3  C0606E00  411FF4C5
(   720)  C1510FB0  4157574A  000003E8  291525E3  C0606E00  411DC3AC  C1510FB0  41569026  000003E8  291525E3
(   760)  C0606E00  411DC3AC  C1510FB0  41569026  000003E8  291525E4  C0829000  411FF4C5  C1510FB0  41578399
(   800)  000003E8  291525E4  C0829000  411FF4C5  C1510FB0  41578399  000003E8  291525E4  C0829000  411FF4C5
(   840)  C1510FB0  41578399  000003E8  291525E4  C0A4B200  411FF4C5  C14ECAB0  4155A572  000003E8  291525E4
(   880)  C0A4B200  411FF4C5  C14ECAB0  4155A572  000003E8  291525E5  C0829000  411FF4C5  C14ECAB0  41556A88
(   920)  000003E8  291525E5  C0829000  411FF4C5  C14ECAB0  41556A88  000003E8  291525E5  C0A4B200  41225DD
(   960)  C14ECAB0  41567CEB  000003E8  291525E5  C0A4B200  411FF4C5  C14ECAB0  4155A572  000003E8  291525E5
(  1000)  C0A4B200  411FF4C5  C1510FB0  4157BD1B  000003E8  291525E5  C0A4B200  411DC3AC  C1510FB0  4156F6E0
(  1040)  000003E8  291525E6  C0A4B200  411DC3AC  C1510FB0  4156F6E0  000003E8  291525E6  C0A4B200  411DC3AC
(  1080)  C1510FB0  4156F6E0  000003E8  291525E6  C0A4B200  411DC3AC  C14ECAB0  4154DA55  000003E8  291525E6
(  1120)  C0A4B200  411DC3AC  C14ECAB0  4154DA55  000003E8  291525E6  C0A4B200  411DC3AC  C14ECAB0  4154DA55
(  1160)  000003E8  291525E7  C0A4B200  411DC3AC  C14ECAB0  4154DA55  000003E8  291525E7  C0A4B200  411DC3AC
(  1200)  C1510FB0  4156F6E0  000003E8  291525E7  C0A4B200  411B9294  C1510FB0  41563D21  000003E8  291525E7
(  1240)  C0829000  411B9294  C1510FB0  4156029F  000003E8  291525E7  C0A4B200  411B9294  C14ECAB0  41541BEC
(  1280)  000003E8  291525E7  C0A4B200  411B9294  C14ECAB0  41541BEC  000003E8  291525E8  C0A4B200  411B9294
(  1320)  C1510FB0  41563D21  000003E8  291525E8  C0A4B200  411B9294  C1510FB0  41563D21  000003E8  291525E8
(  1360)  C0A4B200  411B9294  C1510FB0  41563D21  000003E8  291525E8  C0A4B200  411B9294  C14ECAB0  41541BEC
(  1400)  000003E8  291525E8  C0A4B200  411B9294  C14C85B0  4151FCA3  000003E8  291525E8  C0A4B200  411B9294
(  1440)  C14ECAB0  41541BEC  000003E8  291525E9  C0A4B200  411B9294  C1510FB0  41563D21  000003E8  291525E9
(  1480)  C0829000  411B9294  C1510FB0  4156029F  000003E8  291525E9  C0829000  411B9294  C1510FB0  4156029F
(  1520)  000003E8  291525E9  C0A4B200  411B9294  C14ECAB0  41541BEC  000003E8  291525E9  C0A4B200  411DC3AC
(  1560)  C1510FB0  4156F6E0  000003E8  291525EA  C0A4B200  411DC3AC  C1510FB0  4156F6E0  000003E8  291525EA
(  1600)  C0829000  411DC3AC  C1510FB0  4156BCDB  000003E8  291525EA  C0829000  411DC3AC  C1510FB0  4156BCDB
(  1640)  000003E8  291525EA  C0829000  411DC3AC  C1510FB0  4156BCDB  000003E8  291525EA  C0A4B200  411DC3AC
(  1680)  C1510FB0  4156F6E0  000003E8  291525EA  C0829000  411DC3AC  C1510FB0  4156BCDB  000003E8
FILE    1      # OF DATA RECORDS    4255      # SUCCESSFUL READS   4257
     # PERMANENT READ ERRORS    0      # ZERO BYTE ERRORS   0      # SHORT RECORDS    0      # UNDEFINED ERRORS   0
        # OF RECORDS RETRIED    0      TOTAL # OF RETRIES   0
```

3/7/68

```
$$
$EOJ   13:43:04
```

```
IEF285I    SYS77011.T093028.RV000.YZJRJN08.R0000062      DELETED
IEF285I    VOL SER NOS= K3SCR3.
IEF285I    SYS77011.T093028.RV000.YZJRJN08.S0000063      SYSIN
IEF285I    VOL SER NOS= K3SCR3.
IEF285I    SYS77011.T093028.RV000.YZJRJN08.S0000063      DELETED
IEF285I    VOL SER NOS= K3SCR3.
IEF373I STEP /LINK     / START 77011.0948
IEF374I STEP /LINK     / STOP  77011.0949 CPU    0MIN 01.09SEC MAIN 130K LCS    0K
- STEP 01 -      RETURN CODE = 0000                                STEP TIME =      .20 MINS=(CPU=      .01,IO=      .19)
                                   IO IN SECS. DISK=    11.65,DRUM=      .00,TAPE=      .00,CELL=      .00,OTHR=      .18
- SURCHARGES=(DRIVES ALOC=000,TAPE MOUNTS=000,CORE=000,PAPER=000,PRIORITY=00000)SECS.    TOTAL STP TIME=      .20 MINS.  -
     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=B,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
     XXSYSUDUMP DD SYSOUT=A,SPACE=(CYL,(0,5))                                                    00000290
     //GO.FT08F001 DD UNIT=9TRACK,DISP=(OLD,KEEP),LABEL=(01,BLP,,IN),
     //          DCB=(BLKSIZE=32000,RECFM=U,DEN=2),
     //                VOL=SER=JJ0057
     //GO.DATA5 DD *
     //
IEF236I ALLOC. FOR YZJRJN08 GO
IEF237I 231    ALLOCATED TO PGM=*.DD
IEF237I 231    ALLOCATED TO FT05F001
IEF237I 331    ALLOCATED TO FT06F001
IEF237I 333    ALLOCATED TO FT07F001
IEF237I 331    ALLOCATED TO SYSPRINT
IEF237I 231    ALLOCATED TO SYSPRINT
IEF237I 232    ALLOCATED TO SYSPRINT
IEF237I 333    ALLOCATED TO SYSUDUMP
IEF237I 0D3    ALLOCATED TO FT08F001
```

D-28832

3/20/68 — 3/21/68

3084

RECORD 1 OF FILE 1
LENGTH = 3084 BYTES

0C0C0000	0CC80000	00000080	29BF1809	45186A00	45186A00	45186A00	45186A00	00000000	29BF1809
C0836A00	405A79F0	412D63D0	412E0CB0	000003E8	29BF1809	C0836A00	40376860	412D63D0	412E41BF
000003E8	29BF1809	C0836A00	40376860	412D63D0	412E41BF	000003E8	29BF1809	C0836A00	40376860
412FA8D0	413C7C5D	000003E8	29BF180A	C0836A00	40376860	412D63D0	412E41BF	000003E8	29BF180A
C0A58C00	405A79F0	412D63D0	412EE57A	000003E8	29BF180A	C0A58C00	40376860	412D63D0	412EAECF
000003E8	29BF180A	C0A58C00	40376860	412D63D0	412EAECF	000003E8	29BF180A	C0A58C00	40376860
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000003E8	29BF180C	C0836A00	405A79F0	412D63D0	412E78EB	000003E8	29BF180C	C0836A00	407D8B70
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C0836A00	405A79F0	412D63D0	412E78EB	000003E8	29BF180D	C0836A00	405A79F0	412D63D0	412E78EB
000003E8	29BF180D	C0614800	405A79F0	412D63D0	412E24A2	000003E8	29BF180D	C0614800	405A79F0
412D63D0	412E24A2	000003E8	29BF180D	C0614800	405A79F0	412D63D0	412E24A2	000003E8	29BF180D
C0614800	40376860	412D63D0	412DED11	000003E8	29BF180E	C0614800	40376860	412D63D0	412DED11
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C03F2600	405A79F0	412FA8D0	413027DD	000003E8	29BF180E	C03F2600	405A79F0	412FA8D0	413027DD
000003E8	29BF180F	C03F2600	405A79F0	412D63D0	412DE925	000003E8	29BF180F	C03F2600	405A79F0
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000003E8	29BF1810	3F51F000	405A79F0	412FA8D0	412FFEAA	000003E8	29BF1811	3F51F000	405A79F0
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000003E8	29BF1812	3F51F000	405A79F0	412D63D0	412DBDEC	000003E8	29BF1812	3F51F000	405A79F0
412D63D0	412DBDEC	000003E8	29BF1813	3F51F000	405A79F0	412D63D0	412DBDEC	000003E8	29BF1813
3F51F000	405A79F0	412D63D0	412DBDEC	000003E8	29BF1813	40274100	405A79F0	412B1ED0	412B8F07

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000003E8
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3/21/68

1712 RECORDS IN FILE 1 OF TAPE

```
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS77011.T093028.RV000.YZJRJN08.LOCMOD        PASSED
IEF285I   VOL SER NOS= K3SCR2.
IEF285I   SYS77011.T093028.RV000.YZJRJN08.S0000069      SYSIN
IEF285I   VOL SER NOS= K3SCR2.
IEF285I   SYS77011.T093028.RV000.YZJRJN08.S0000069      DELETED
IEF285I   VOL SER NOS= K3SCR2.
IEF285I   SYS77011.T093028.SV000.YZJRJN08.R0000064      SYSOUT
IEF285I   VOL SER NOS= K3SCR4.
IEF285I   SYS77011.T093028.SV000.YZJRJN08.R0000065      DELETED
IEF285I   VOL SER NOS= K3SCR5.
IEF285I   SYS77011.T093028.SV000.YZJRJN08.R0000066      DELETED
IEF285I   VOL SER NOS= K3SCR4.
IEF285I   SYS77011.T093028.SV000.YZJRJN08.R0000067      DELETED
IEF285I   VOL SER NOS= K3SCR5.
IEF285I   SYS77011.T093028.RV000.YZJRJN08.R0000068      KEPT
IEF285I   VOL SER NOS= JJ0057.
IEF280E K CD3,JJ0057,YZJRJN08.GO
IEF373I STEP /GO      / START 77011.0949
IEF374I STEP /GO      / STOP  77011.0955 CPU    0MIN 08.09SEC MAIN 186K LCS    0K
- STEP 02 --      RETURN CODE = 0000                    STEP TIME =      .74 MINS=(CPU=      .13,IO=      .61)
                                   IO IN SECS. DISK=     2.25,DRUM=      .00,TAPE=    34.38,CELL=      .00,OTHR=      .16
- SURCHARGES=(DRIVES ALOC=000,TAPE MOUNTS=000,CORE=000,PAPER=000,PRIORITY=00000)SECS.   TOTAL STP TIME=      .74 MINS.  -
IEF285I   SYS77011.T093028.RV000.YZJRJN08.LOCMOD        DELETED
IEF285I   VOL SER NOS= K3SCR2.
IEF375I  JOB /YZJRJN08/ START 77011.0948
IEF376I  JOB /YZJRJN08/ STOP  77011.0955 CPU    0MIN 09.16SEC
- SYSTEM=REL218 (07-04-76)    K3                                                    TIME=09.55.54.65 DATE=01-11-77
- JOB 0014--                                          TOTAL TIME =      .95 MINS=(CPU=      .15,IO=      .80)
                                   IO IN SECS. DISK=    13.90,DRUM=      .00,TAPE=    34.38,CELL=      .00,OTHR=      .34
- SURCHARGES=(DRIVES ALOC=000,TAPE MOUNTS=000,CORE=000,PAPER=000,PRIORITY=00000)SECS.   TOTAL JOB TIME=      .95 MINS.  -
 THERE WERE 01 TAPES MOUNTED FOR THIS JOB. TAPE MOUNT CHARGE WAS 00.0 MINUTES.
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