#335

INJUN V

15 SEC. AVG. COUNT RATES

68-066B-03B

INJUN 5

15-S AVERAGE COUNT RATES, TAPE

68-066B-03B

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY IT CONTAINED 17 7-TRACK, 800 BPI TAPES WRITTEN IN BINARY. THERE ARE FOUR RESTORED TAPES. THE DR TAPES ARE 3480 CARTRIDGES AND THE DS TAPES ARE 9-TRACK, 6250 BPI. SOME OF THE D TAPES HAD TWO C TAPES, SO IN SOME CASES WHEN THE C TAPES WERE RESTORED IT RESULTED IN 2 FILES BEING COPIED INSTEAD OF ONE. THE ORIGINAL TAPES WERE CREATED ON AN UNIVAC 418 COMPUTER AND WERE RESTORED ON AN IBM 9021 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBERS AND TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR004798	DS004798	D022968	1	08/29/68 - 10/19/68
		D022967	2	10/19/68 - 01/11/69 (a)
		D022967	3	01/11/69 - 01/11/69 (b)
		D022966	4	01/11/69 - 01/31/69
		D022966	5	01/31/69 - 01/31/69 (c)
		D022965	6	01/31/69 - 04/09/69 (d)
DR004799	DS004799	D022965	1	04/09/69 - 04/10/69
		D022964	2	04/10/69 - 05/07/69
		D022963	3	05/07/69 - 06/03/69
		D022962	4	06/03/69 - 07/05/69 (e)
		D022961	5	07/05/69 - 08/18/69
DR004800	DS004800	D022960	1	08/18/69 - 10/14/69
		D022976	2	10/14/69 - 11/24/69
		D022975	3	11/24/69 - 01/10/70 (f)
		D022974	4	01/10/70 - 02/12/70
		D022973	5	02/12/70 - 03/03/70
		D022972	6	03/03/70 - 03/20/70 (g)
DR004801	DS004801	D022971	1	03/20/70 - 04/08/70 (h)
		D022970	2	04/08/70 - 05/13/70 (i)
		D022969	3	05/13/70 - 05/30/70

RRORS ARE LISTED ON THE NEXT PAGE

(a) D022967 - READ ERROR OCCURRED IN RECORD 3172, FILE 1
(b) D022967 - READ ERRORS OCCURRED IN RECORDS 5 AND 9, FILE 1
(c) D022966 - READ ERROR OCCURRED IN RECORD 2310, FILE 1
(d) D022965 - READ ERROR OCCURRED IN RECORD 1655, FILE 1
(e) D022962 - READ ERROR OCCURRED IN RECORD 3003, FILE 1
(f) D022975 - READ ERROR OCCURRED IN RECORD 763, FILE 1
(g) D022972 - READ ERRORS OCCURRED IN RECORDS 190, 191, FILE 1
(h) D022971 - READ ERROR OCCURRED IN RECORD 2871, FILE 1
(i) D022970 - READ ERROR OCCURRED IN RECORD 3167, FILE 1

REQ. AGENT	RAND NO.	ACQ. AGENT
WTJ	RC5272	DVR

INJUN V

15 SEC. AVG. COUNT RATES

68-066B-03B

This data set consists of 17 Injun V tapes that were created on an UNIVAC 418 computer. The tapes are 800 BPI, Binary, 7-track and contain 1 file of data. Each physical record consists of 8 logical records and each logoical record contains 269 18-bit words. The first word in each logical record is floating point, double precision and contains the time in days with 8 significant digits.

D#	C#	TIME SPAN	ORBITS
D-22960	C-17553	08/18/69 - 10/10/69	4563 - 5204
	C-17554	10/10/69 - 10/14/69	5204 - 5249
D-22961	C-17555	07/05/69 - 08/18/69	4204 - 4555
D-22962	C-17556	06/03/69 - 07/05/69	3632 - 4024
D-22963	C-17557	05/07/69 - 06/03/69	3304 - 3632
D-22964	C-17558	04/10/69 - 05/07/69	2978 - 3304
D-22965	C-17559	01/31/69 - 04/09/69	2139 - 2966
	C-17560	04/09/69 - 04/10/69	2966 - 2978
D-22966	C-17561	01/11/69 - 01/31/69	1899 - 2139
	C-17562	01/31/69 - 01/31/69	2139 - 2139
D-22967	C-17563	10/19/68 - 01/11/69	878 - 1899
	C-17564	01/11/69 - 01/11/69	1899 - 1899
D-22968	C-17565	08/29/68 - 10/19/68	248 - 870
D-22969	C-17566	05/13/70 - 05/30/70	7819 - 8021
D-22970	C-17567	04/08/70 - 05/13/70	7392 - 7817
	C-17568	05/13/70 - 05/13/70	7817 - 7819
D-22971	C-17569	03/20/70 - 04/08/70	7162 - 7392

D#	C#	TIME SPAN	ORBITS
D-22972	C-17570	03/03/70 - 03/20/70	6957 - 7162
	C-17571	03/20/70 - 03/20/70	7162 - 7162
D-22973	C-17572	02/12/70 - 03/03/70	6725 - 6957
	C-17573	03/03/70 - 03/03/70	6957 - 6957
D-22974	C-17574	01/10/70 - 02/12/70	6320 - 6725
D-22975	C-17575	11/24/69 - 01/10/70	5751 - 6319
D-22976	C-17576	10/14/69 - 11/24/69	5249 - 5251

INJUN V SSD DATA

Injun V was a low-altitude, polar orbiting satellite that was launched on 8 August 1968 with an initial perigee altitude of 644 km and an apogee altitude of 2525 km. The orbit had an inclination of 81 degrees and the initial period was 118 minutes. The satellite achieved continuous alignment (± 15°) with the earth's magnetic field by 16 December 1968, after tumbling for several months. Prior to this time the data were selected if the on-board magnetometer indicated that the detector was aimed 90° ± 10° to the field lines. After this time the detectors were always aimed approximately orthogonal to the local field lines. Thus all of the observerations of the geomagnetically trapped particles are for particles at or near the altitude of the satellite.

The experiment consisted of two separate detector systems, the proton-electron telescope and the alpha particle detector. The alpha particle detector has three nested channels covering the energy range 1.18 to 8.4 MeV and one $Z > 2$ channel. The proton-electron telescope has ten proton channels covering the energy range 0.3 to 74 MeV, and ten integral electron channels which result in four different energy measurements for electrons with $E_e > 268$ keV to $E_e > 815$ keV. The specific energy ranges, geometric factors, and problems are discussed in the enclosed documents.

The data file consists of 17 tapes covering the University of Iowa operation of Injun V. Each physical record on the tapes represent eight 15-second averages of the data. Each 15-second average consists of 269 18-bit words which has the following format:

SSS 15 SAV FILE

Word	Name/Description		
1, 2	Time in days with 8 significant digits		
3	Revolution number		
4	Geographic local time in 10^{-3} hours		
5	Geomagnetic local time in 10^{-3} hours		
	Channel	Particles	Energy Range
6, 7	1	Alpha particles	1.18 — 8.4 MeV
8, 9	2	"	1.6 — 5 MeV
10, 11	3	"	2.0 — 3.5 MeV
12, 13	4	Ions with Z > 2	
14, 15	5	Protons	3.44 —74 MeV
16, 17	6	"	8.42 —24.9 MeV
18, 19	7	"	0.306— 1.43 MeV
20, 21	8	"	0.450— 1.43 MeV
22, 23	9	"	0.632— 1.43 MeV
24, 25	10	"	0.80 — 1.43 MeV
26, 27	11	"	0.304— 9.2 MeV
28, 29	12	"	0.448— 4.21 MeV
30, 31	13	"	0.63 — 2.64 MeV
32, 33	14	"	0.80 — 1.94 MeV
34, 35	15	Electrons	> 0.429, E_p > 76
36, 37	16	"	> 0.429, E_p > 76
38, 39	17	"	> 0.640, E_p > 76
40, 41	18	"	> 0.268, E_p > 7.6
42, 43	19	"	> 0.429, E_p > 7.6
44, 45	20	"	> 0.815, E_p > 7.6
46, 47	21	"	> 0.268, E_p > 1.36
48, 49	22	"	> 0.415, E_p > 1.43
50, 51	23	"	> 0.607, E_p > 1.55
52, 53	24	"	> 0.777, E_p > 1.65

Word	Name/Description	
	Coordinates for Each Average	
54, 55	C(1, 1)	Average L for Channel 1
56, 57	C(1, 2)	Average B for Channel 1
58, 59	C(1, 3)	Average Λ for Channel 1
60, 61	C(1, 4)	Average B/B_o for Channel 1
⋮	⋮	⋮
238, 239	C(24, 1)	Average L for Channel 24
240, 241	C(24, 2)	Average B for Channel 24
242, 243	C(24, 3)	Average Λ for Channel 24
244, 245	C(24, 4)	Average B/B_o for Channel 24
	Number of Samples Used for Average	
246	N(1)	Number for Channel 1
247	N(2)	Number for Channel 2
⋮	⋮	⋮
269	N(24)	Number for Channel 24

L values are in units of 10^{-3} R_E.

B values are in Gammas.

B/B_o values are in units of 10^{-3}.

Λ values are in units of 10^{-3} degrees.

Enclosed Documents are:

1. Final Engineering Report Injun V SSD Experiment B06608
2. Solid State Detector on Injun 5 B24400
3. Differential Energy Spectrum of Geomagnetically Trapped Protons with the Injun 5 Satellite B06925
4. Time Variations of Magnetospheric Intensities of Outer Zone Protons, Alpha Particles and Ions (Z > 2) B15455
5. Energetic C, N, O Nuclei in the Earth's Outer Zone B06[illegible]

```
IEF285I    SYS1.FORTSSP                                          KEPT
IEF285I    VOL SER NOS= K3SYS2.
IEF285I    SYS2.COBLIB                                           KEPT
IEF285I    VOL SER NOS= K3SYS6.
IEF285I    SYS1.ALGLIB                                           KEPT
IEF285I    VOL SER NOS= K3SYS6.
IEF285I    SYS76043.T091706.RV000.YZJRJTJ1.LODMOD                PASSED
IEF285I    VOL SER NOS= K3SCR2.
IEF285I    SYS76043.T091706.SV000.YZJRJTJ1.R0000590              SYSOUT
IEF285I    VOL SER NOS= K3SCR2.
IEF285I    SYS76043.T091706.SV000.YZJRJTJ1.R0000591              SYSOUT
IEF285I    VOL SER NOS= K3SCR2.
IEF285I    SYS76043.T091706.RV000.YZJRJTJ1.R0000592              DELETED
IEF285I    VOL SER NOS= K3SCR3.
IEF285I    SYS76043.T091706.RV000.YZJRJTJ1.S0000593              SYSIN
IEF285I    VOL SER NOS= K3SCR3.
IEF285I    SYS76043.T091706.RV000.YZJRJTJ1.S0000593              DELETED
IEF285I    VOL SER NOS= K3SCR3.
IEF373I STEP /LINK     / START 76043.1402
IEF374I STEP /LINK     / STOP  76043.1403 CPU    0MIN 01.64SEC MAIN 130K LCS    0K
- STEP 01 -      RETURN CODE = 0000                                  STEP TIME =      .20 MINS=(CPU=      .02,IO=      .18)
                                   IO IN SECS. DISK=    10.27,DRUM=       .56,TAPE=      .00,CELL=      .00,OTHR=      .16
     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
     //GO.FT08F001 DD UNIT=7TRACK,DISP=(OLD,KEEP),LABEL=(01,NL,,IN),
     //        DCB=(BLKSIZE=32000,RECFM=U,DEN=2),DSN=EXPTAPE,
     //                VOL=SER=JJ0102
     //GO.DATA5 DD *
     //
IEF236I ALLOC. FOR YZJRJTJ1 GO
IEF237I 231    ALLOCATED TO PGM=*.DD
IEF237I 231    ALLOCATED TO FT05F001
IEF237I 331    ALLOCATED TO FT06F001
IEF237I 332    ALLOCATED TO FT07F001
IEF237I 331    ALLOCATED TO SYSPRINT
IEF237I 231    ALLOCATED TO SYSPRINT
IEF237I 232    ALLOCATED TO SYSPRINT
IEF237I 0C0    ALLOCATED TO FT08F001
```

INJON-V

D-22960 1 of 2 C-17553

START: 8/18/69 ORBIT # 4563

STOP 10/10/69 ORBIT # 5204

```
                                   RECORD      1  OF FILE    1
                                   LENGTH =    6456  BYTES

   1(     1)   210715542447  010723034224  025701000000  000000000000  000000000000  000000000000  000000000000  000000000000
   9(    49)   000000000000  000000000000  000000000000  000000000000  000000000000  000000000000  000000000000  000000000000
  17(    97)   000000000000  000000000000  000000000000  000000200615  173454200615  173454000000  000000000000  000000000000
  25(   145)   000000000000  000000000000  000000220661  347356220661  347356220661  347356220661  347356220661  372222220661
  33(   193)   327000220660  466000220660  466000220660  215252220660  736525220662  244000220662  244000220664  720000220661
  41(   241)   016000220660  274000220660  274000220660  274000220661  016000220661  016000220661  016000220664  146000220664
  49(   289)   146000220663  750000220664  344000220503  614210220503  614210220503  614210220503  614210220503  614444220503
  57(   337)   614000220503  706000220503  706000220503  731252220503  662525220503  476525220503  476525220503  244000220503
  65(   385)   614000220503  732000220503  732000220503  732000220503  662000220503  662000220503  662000220503  340000220503
  73(   433)   340000220503  364000220503  314000224750  217400224750  217400224750  217400224750  217400224750  217400224750
  81(   481)   217400224750  217400224750  217400224750  217400224750  217400224750  217400224750  217400224750  217400224750
  89(   529)   217400224750  217400224750  217400224750  217400224750  217400224750  217400224750  217400224750  217400224750
  97(   577)   217400224750  217400224750  217400221501  416104221501  416104221501  416104221501  416104221501  416666221501
 105(   625)   415400221501  376000221501  376000221501  367252221501  404525221501  435252221501  435252221501  520000221501
 113(   673)   404000221501  371000221501  371000221501  371000221501  407000221501  407000221501  407000221501  504000221501
 121(   721)   504000221501  500000221501  510000000017  000017000017  000017000007  000010000006  000006000003  000003000003
 129(   769)   000003000001  000002000002  000002000002  000002000002  000002000002  000002000001  000001210715  642602010723
 137(   817)   034456026475  176453552112  175453552112  000000000000  000000000000  000000000000  000000000000  200410647562
 145(   865)   000000000000  000000000000  000000000000  000000000000  000000000000  000000000000  602146314631  200410647562
 153(   913)   000000000000  000000000000  200410647562  200410647562  000000000000  000000000000  000000000000  000000000000
 161(   961)   000000000000  220645120210  220645120210  220645120210  220645120210  220645101000  220645141555  220644575252
 169(  1009)   220644575252  220644165252  220645205252  220653714000  220653714000  220653714000  000000000000  220642054000
 177(  1057)   220642054000  220642054000  220643126525  220643126525  220643126525  220652470000  220652470000  220652130000
 185(  1105)   220653030000  220504712525  220504712525  220504712525  220504712525  220504712000  220504713333  220504736000
 193(  1153)   220504736000  220504760000  220504714000  220504300000  220504300000  220504300000  000000000000  220505074000
```

201(1201)	220505074000	220505074000	220505030000	220505030000	220505030000	220504370000	220504370000	220504414000
209(1249)	220504344000	224750217356	224750217356	224750217356	224750217356	224750217360	224750217355	224750217400
217(1297)	224750217400	224750217400	224750217400	224750217400	224750217400	000000000000	000000000000	224750217325
225(1345)	224750217325	224750217325	224750217325	224750217325	224750217325	224750217400	224750217400	224750217400
233(1393)	224750217400	221501016735	221501016735	221501016735	221501016735	221501016000	221501020000	221501006525
241(1441)	221501006525	221500773252	221501022000	221501236000	221501236000	221501236000	000000000000	221500714525
249(1489)	221500714525	221500714525	221500744525	221500744525	221500744525	221501203000	221501203000	221501172000
257(1537)	221501214000	000017000017	000017000017	000010000007	000006000006	000003000003	000001000001	000001000000
265(1585)	000003000003	000003000003	000003000003	000002000002	000001000001	210715642735	010723034673	027266000000
273(1633)	000000000000	000000000000	000000000000	000000000000	000000000000	000000200615	173454177410	647562000000
281(1681)	000000000000	000000000000	000000000000	000000000000	000000000000	000000202451	734541201615	173454201615
289(1729)	173454201615	173454201615	173454201615	173454000000	000000000000	000000000000	000000000000	000000220621
297(1777)	623356220621	623356220621	623356220621	623356220621	641555220621	607000220617	376000220617	376000220616
305(1825)	544000220620	230000220624	512525220624	512525220633	004000220621	356000220616	606000220616	606000220616
313(1873)	606000220620	272000220620	272000220620	272000220630	650000220630	650000220630	060000220631	440000220506
321(1921)	002104220506	002104220506	002104220506	002104220506	002222220506	002000220506	072525220506	072525220506
329(1969)	115252220506	050000220505	666525220505	666525220505	440000220506	002000220506	116000220506	116000220506
337(2017)	116000220506	050000220506	050000220506	050000220505	530000220505	530000220505	554000220505	504000224750
345(2065)	217356224750	217356224750	217356224750	217356224750	217355224750	217360224750	217400224750	217400224750
353(2113)	217400224750	217400224750	217325224750	217325224750	217200224750	217400224750	217400224750	217400224750
361(2161)	217400224750	217400224750	217400224750	217400224750	217300224750	217300224750	217400224750	217200221500
369(2209)	163567221500	163567221500	163567221500	163567221500	164222221500	163200221500	104000221500	104000221500
377(2257)	062525221500	125252221500	256000221500	256000221500	464000221500	153000221500	065000221500	065000221500
385(2305)	065000221500	127000221500	127000221500	127000221500	407000221500	407000221500	370000221500	426000000017
393(2353)	000017000017	000017000007	000010000006	000006000003	000003000003	000003000001	000002000002	000002000002
401(2401)	000002000002	000002000002	000002000001	000001210715	643070010723	035074030041	000000000000	000000000000
409(2449)	000000000000	000000000000	000000000000	000000000000	177410647562	177410647562	000000000000	000000000000
417(2497)	202615173454	000000000000	000000000000	602146314631	204106475 62	000000000000	000000000000	204106475 62
425(2545)	204106475 62	204106475 62	000000000000	000000000000	000000000000	000000000000	220570114631	220570114631
433(2593)	220570114631	220570114631	220570104000	220570126666	220567222000	220567222000	220566271252	220570152525
441(2641)	220604620000	220604620000	220604620000	000000000000	220562504000	220562504000	220562504000	220564402525
449(2689)	220564402525	220564402525	220602130000	220602130000	220601230000	220603030000	220507061673	220507061673
457(2737)	220507061673	220507061673	220507062000	220507061555	220507104525	220507104525	220507130000	220507061252
465(2785)	220506460000	220506460000	220506460000	000000000000	220507240000	220507240000	220507240000	220507174000
473(2833)	220507174000	220507174000	220506546000	220506546000	220506570000	220506524000	224750217400	224750217400
481(2881)	224750217400	224750217400	224750217400	224750217400	224750217400	224750217400	224750217400	224750217400
489(2929)	224750217400	224750217400	224750217400	000000000000	224750217400	224750217400	224750217400	224750217400
497(2977)	224750217400	224750217400	224750217400	224750217400	224750217400	224750217400	221477102000	221477102000
505(3025)	221477102000	221477102000	221477101200	221477102666	221477057252	221477057252	221477032000	221477104525
513(3073)	221477536000	221477536000	221477536000	000000000000	221476704000	221476704000	221476704000	221476757252
521(3121)	221476757252	221476757252	221477445000	221477445000	221477422000	221477470000	000017000017	000017000017
529(3169)	000010000007	000006000006	000003000003	000001000001	000001000000	000003000003	000003000003	000003000003
537(3217)	000002000002	000001000001	210715643223	010723035262	030577000000	000000000000	000000000000	000000000000
545(3265)	000000176705	772750000000	000000177410	647562177410	647562000000	000000200410	647562200410	647562000000
553(3313)	000000000000	000000000000	000000200615	173454200615	173454200615	173454201615	173454200615	173454000000
561(3361)	000000000000	000000000000	000000000000	000000000000	000000220533	167146220533	167146220533	167146220533
569(3409)	167146220533	174444220533	162400220530	176525220530	176525220527	172525220531	202525220537	111252220537
577(3457)	111252220547	144000220533	074000220527	206000220527	206000220527	206000220531	216000220531	216000220531
585(3505)	216000220544	200000220544	200000220543	210000220545	170000220510	127146220510	127146220510	127146220510
593(3553)	127146220510	127333220510	127000220510	216000220510	216000220510	240000220510	174000220510	015252220510
601(3601)	015252220507	574000220510	126000220510	240000220510	240000220510	240000220510	174000220510	174000220510
609(3649)	174000220507	664000220507	664000220507	710000220507	640000224750	217400224750	217400224750	217400224750
617(3697)	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750
625(3745)	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750
633(3793)	217400224750	217400224750	217400224750	217400224750	217400221475	617463221475	617463221475	617463221475
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865(5185)	130000217604	130000217604	220000217604	040000217605	734000217605	734000217606	030000217605	640000217604
873(5233)	560000217604	560000217604	560000217604	400000217604	400000217604	400000217602	760000217602	760000217602
881(5281)	760000000000	000000224750	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750
889(5329)	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750
897(5377)	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750	217400224750
905(5425)	217400000000	000000221446	226525221446	226525221446	226525221446	226525221446	226400221446	226666221446
913(5473)	076000221446	076000221446	133252221446	040525221447	026000221447	026000221447	064000221446	770000221446
921(5521)	322000221446	322000221446	322000221446	227252221446	227252221446	227252221445	370000221445	370000221445
929(5569)	370000000017	000000000017	000017000017	000017000010	000007000006	000006000003	000003000002	000002000001
937(5617)	000001000003	000003000003	000003000003	000003000001	000001000001	000000211433	505145012124	042427032611
945(5665)	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	201513021516	000000000000
953(5713)	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	202451734541	000000000000
961(5761)	000000000000	200615173454	200615173454	000000000000	203451734541	201615173454	000000000000	000000000000

```
 969( 5809)   217403006314  217403006314  217403006314  217403006314  217403002222  217403012000  217402364000  217402364000
 977( 5857)   217402772525  217401755252  217410570000  217410570000  217411210000  217410150000  217402764000  217402764000
 985( 5905)   217402764000  217401744000  217401744000  217401744000  217401002525  217401002525  216771540000  217403054000
 993( 5953)   217607630000  217607630000  217607630000  217607630000  217607630000  217607630000  217607540000  217607540000
1001( 6001)   217607630000  217607450000  217611000000  217611000000  217611070000  217610710000  217607630000  217607630000
1009( 6049)   217607630000  217607450000  217607450000  217607450000  217607270000  217607270000  217606370000  217607630000
1017( 6097)   224750217400  224750217400  224750217400  224750217400  224750217400  224750217400  224750217400  224750217400
1025( 6145)   224750217400  224750217400  224750217400  224750217400  224750217400  224750217400  224750217400  224750217400
1033( 6193)   224750217400  224750217400  224750217400  224750217400  224750217400  224750217400  224750217400  224750217400
1041( 6241)   221450005252  221450005252  221450005252  221450005252  221450005333  221450005200  221447750525  221447750525
1049( 6289)   221450006000  221447713252  221450504000  221450504000  221450540000  221450450000  221450006000  221450006000
1057( 6337)   221450006000  221447714000  221447714000  221447714000  221447620000  221447620000  221447250000  221450004000
1065( 6385)   000017000017  000017000017  000007000010  000006000006  000003000003  000002000002  000001000001  000002000002
1073( 6433)   000002000002  000002000002  000003000003  000001000002
```

3118 RECORDS IN FILE 1 OF TAPE

```
IEC209I YZJRJTJ1 JJ0102 0C0  TR=012,TW=000,EG=000,CL=001,N=000,SIO=03122
IEC209I YZJRJTJ1 JJ0102 0C0  TR=014,TW=000,EG=000,CL=001,N=000,SIO=03120
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS76043.T091706.RV000.YZJRJTJ1.LODMOD        PASSED
IEF285I   VOL SER NOS= K3SCR2.
IEF285I   SYS76043.T091706.RV000.YZJRJTJ1.S0000597      SYSIN
IEF285I   VOL SER NOS= K3SCR2.
IEF285I   SYS76043.T091706.RV000.YZJRJTJ1.S0000597      DELETED
IEF285I   VOL SER NOS= K3SCR2.
IEF285I   SYS76043.T091706.SV000.YZJRJTJ1.R0000594      SYSOUT
IEF285I   VOL SER NOS= K3SCR4.
IEF285I   SYS76043.T091706.SV000.YZJRJTJ1.R0000595      DELETED
IEF285I   VOL SER NOS= K3SCR5.
IEF285I   SYS76043.T091706.SV000.YZJRJTJ1.R0000596      DELETED
IEF285I   VOL SER NOS= K3SCR4.
IEF285I   EXPTAPE                                       KEPT
IEF285I   VOL SER NOS= JJ0102.
IEF280E K 0C0,JJ0102,YZJRJTJ1,GO
IEF373I STEP /GO      / START 76043.1403
IEF374I STEP /GO      / STOP  76043.1420 CPU    0MIN 15.37SEC MAIN 156K LCS    0K
- STEP 02 -     RETURN CODE = 0000                          STEP TIME =     1.32 MINS=(CPU=      .25,IO=     1.07)
                                   IO IN SECS. DISK=     1.80,DRUM=      .40,TAPE=    62.45,CELL=      .00,OTHR=      .13
IEF285I   SYS76043.T091706.RV000.YZJRJTJ1.LODMOD        DELETED
IEF285I   VOL SER NOS= K3SCR2.
IEF375I  JOB /YZJRJTJ1/ START 76043.1402
IEF376I  JOB /YZJRJTJ1/ STOP  76043.1420 CPU    0MIN 17.01SEC
-  SYSTEM=MVT-21 (11-21-73)    K3                                   TIME=14.20.22.50 DATE=02-12-76
- JOB 0242-                                          TOTAL TIME =     1.53 MINS=(CPU=      .28,IO=     1.25)
                                   IO IN SECS. DISK=    12.07,DRUM=      .96,TAPE=    62.45,CELL=      .00,OTHR=      .29
**  THERE WERE 01 TAPES MOUNTED FOR THIS JOB. TAPE MOUNT CHARGE WAS 00.0 MINUTES.
```