



#343

ISIS 2

ION SPECTROMETER DATA

71-024A-06B

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

ISIS 2

ION SPECTROMETER DATA

71-024A-06B SPIO-00006

THIS DATA SET HAS BEEN RESTORED. THERE WERE ORIGINALLY 18 9-TRACK, 1600 BPI TAPES, WRITTEN IN BINARY. THERE ARE SIX RESTORED TAPES. THE DR TAPES ARE 3480 CARTRIDGES AND THE DS TAPES ARE 9-TRACK, 6250 BPI. THE TAPES WERE ORIGINALLY CREATED ON AN IBM 360 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBERS AND TIME SPANS ARE AS FOLLOWS:

DR#	DS#	DD#	FILES	TIME SPAN		
DR02704	DS02704	D24529	1-10	06/01/71	06/09/71	
		D28149	11-28	05/01/71	05/31/71	
		D24530	29-39	04/21/71	04/30/71	
DR02705	DS02705	D24531	1-18	09/15/71	09/30/71	
		D28147	19-53	10/01/71	10/31/71	
		D24532	54-81	11/01/71	11/30/71	
DR02706	DS02706	D24533	1-12	12/01/71	12/14/71	
		D24534	13-26	02/19/72	02/29/72	
		D24535	27-63	03/01/72	03/31/72	(a)
DR02707	DS02707	D24536	1-31	04/01/72	04/30/72	(b)
		D28146	32-65	05/01/72	05/30/72	
		D28145	66-98	06/01/72	06/30/72	
DR02708	DS02708	D28143	1-35	07/01/72	07/30/72	
		D28144	36-57	08/01/72	08/17/72	
		D23725	58	08/03/72	08/03/72	
DR02709	DS02709	D28140	1-18	10/16/72	10/31/72	
		D28142	19-48	11/01/72	11/30/72	
		D28141	49-81	12/01/72	12/31/72	

(a) I/O ERROR ON FILE 2, RECORD 4.

(b) I/O ERROR ON FILE 1, RECORD 1.

REQ. AGENT
ANR
CAW
WKD

RAND NO.
RC6056
RC6481
RC6864

ACQ. AGENT
RWH

ISIS 2

ION SPECTROMETER DATA

71-024A-06B

This data set consists of 18 ISIS 2 Ion Spectrometer Data. The tapes are 1600 BPI, Binary, 9-track, and were created on the 360/75 computer. The tapes contain multi-files, except for the sample tape which has one file. The 'D' and 'C' numbers along with the time span are as follows:

<u>D#</u>	<u>C#</u>	<u>TIME SPANS</u>	<u>ORBITS</u>	<u>FILES</u>
D-23725	C-17816	08/02/72 - 08/02/72	6206 - 6368	1
D-24529	C-18222	04/21/71 - 04/30/71	252 - 378	11
D-24530	C-18223	06/01/71 - 06/09/71	774 - 881	10
D-24532	C-18224	11/01/71 - 11/30/71	2710 - 3087	28
D-24533	C-18225	12/01/71 - 12/14/71	3089 - 3273	12
D-24534	C-18226	02/19/72 - 02/29/72	4103 - 4242	14
D-24535	C-18227	03/01/72 - 03/31/72	4243 - 4633	37
D-24536	C-18228	04/01/72 - 04/30/72	4635 - 5011	31
D-28140	C-18568	10/16/72 - 10/31/72	7144 - 7344	18
D-28141	C-18569	12/01/72 - 12/31/72	7726 - 8118	33
D-28142	C-18570	11/01/72 - 11/30/72	7347 - 7725	30
D-28144	C-18571	08/01/72 - 08/17/72	6181 - 6395	22
D-28145	C-18572	06/01/72 - 06/30/72	5409 - 5787	33
D-28146	C-18573	05/01/72 - 05/31/72	5016 - 5407	34
D-28147	C-18613	10/01/71 - 10/31/71	2317 - 2708	35
D-28149	C-18614	05/01/71 - 05/31/71	380 - 769	18
D-24531	C-18715	09/15/71 - 09/30/71	2115 - 2316	18
D-28143	C-18991	07/01/72 - 07/31/72	5788 - 6180	35

2113.	C				
2114.	C	GUDATA(01)	DATE	YYDD	AODATA(04,1)
2115.	C	GUDATA(02)	TIME	SEC OF DAY	AODATA(03,1)
2116.	C	GUDATA(03)	ORBIT		AODATA(02,1)
2117.	C	GUDATA(04)	ALTITUDE	KILOMETERS	AODATA(09,1)
2118.	C	GUDATA(05)	ABSOLUTE SC VELOCITY	KM/SECOND	AODATA(07,2)X
2119.	C				AODATA(08,2)Y
2120.	C				AODATA(09,2)Z
2121.	C	GUDATA(06)	RELATIVE SC VELOCITY	KM/SECOND	AODATA(10,2)X
2122.	C				AODATA(11,2)Y
2123.	C				AODATA(12,2)Z
2124.	C	GUDATA(07)	SPIN RATE	RAD/SECOND	AODATA(07,4)
2125.	C	GUDATA(08)	PERIOD	SECONDS	AODATA(07,4)
2126.	C	GUDATA(09)	SUN/DARK/UNKNOWN	+1/00/-1	AODATA(02,3)
2127.	C	GUDATA(10)	LOCAL APPARENT SOLAR TIME	HOURS	AODATA(06,1)
2128.	C	GUDATA(11)	LOCAL MAGNETIC TIME	HOURS	AODATA(04,3)
2129.	C	GUDATA(12)	GEODETIC LATITUDE	DEGREES	AODATA(07,1)
2130.	C	GUDATA(13)	GEODETIC LONGITUDE	DEGREES	AODATA(08,1)
2131.	C	GUDATA(14)	INVARIANT LATITUDE	DEGREES	AODATA(13,1)
2132.	C	GUDATA(15)	MCILWAIN'S L	EARTH RAD	AODATA(02,2)
2133.	C	GUDATA(16)	B	GAUSS	AODATA(03,2)
2134.	C	GUDATA(17)	DIP ANGLE	DEGREES	AODATA(12,1)
2135.	C	GUDATA(18)	DIP LATITUDE	DEGREES	AODATA(01,2)
2136.	C	GUDATA(19)	SOLAR ZENITH ANGLE	DEGREES	AODATA(01,3)
2137.	C	GUDATA(20)	MAGNETIC LOOK ANGLE	RADIANS	HKDATA(12,1)
2138.	C	GUDATA(21)	SUN ANGLE	DEGREES	AODATA(05,3)X
2139.	C				AODATA(01,5)X
2140.	C				AODATA(06,3)Y
2141.	C				AODATA(02,5)Y
2142.	C				AODATA(07,3)Z
2143.	C				AODATA(03,5)Z
2144.	C	GUDATA(22)	ELECTRON GYRO FREQUENCY	MHZ	AODATA(04,2)
2145.	C	GUDATA(23)	RAM WAKE RATIO MASS 01		WR0UT(1)
2146.	C	GUDATA(24)	RAM WAKE RATIO MASS 04		WR0UT(2)
2147.	C	GUDATA(25)	RAM WAKE RATIO MASS 14		WR0UT(3)
2148.	C	GUDATA(26)	RAM WAKE RATIO MASS 16		WR0UT(4)
2149.	C	GUDATA(27)	TIME OF MAXIMUM COSINE		MTIME(01)
2150.	C	GUDATA(28)	MAXIMUM COSINE OF RAM		MASSES(01)
2151.	C	GUDATA(29)	TIME MASS 01	SEC OF DAY	MTIME(02)
2152.	C	GUDATA(30)	CONC MASS 01	COSINE	MASSES(02)
2153.	C	GUDATA(31)	TIME MASS 02	SEC OF DAY	MTIME(03)
2154.	C	GUDATA(32)	CONC MASS 02	#/CM-3	MASSES(03)
2155.	C	GUDATA(33)	TIME MASS 04	SEC OF DAY	MTIME(04)
2156.	C	GUDATA(34)	CONC MASS 04	#/CM-3	MASSES(04)
2157.	C	GUDATA(35)	TIME MASS 07	SEC OF DAY	MTIME(05)
2158.	C	GUDATA(36)	CONC MASS 07	#/CM-3	MASSES(05)
2159.	C	GUDATA(37)	TIME MASS 08L	SEC OF DAY	MTIME(06)
2160.	C	GUDATA(38)	CONC MASS 08L	#/CM-3	MASSES(06)
2161.	C	GUDATA(39)	TIME MASS 08H	SEC OF DAY	MTIME(07)
2162.	C	GUDATA(40)	CONC MASS 08H	#/CM-3	MASSES(07)
2163.	C	GUDATA(41)	TIME MASS 14	SEC OF DAY	MTIME(08)
2164.	C	GUDATA(42)	CONC MASS 14	#/CM-3	MASSES(08)
2165.	C	GUDATA(43)	TIME MASS 16	SEC OF DAY	MTIME(09)
2166.	C	GUDATA(44)	CONC MASS 16	#/CM-3	MASSES(09)
2167.	C	GUDATA(45)	TIME MASS 18	SEC OF DAY	MTIME(10)
2168.	C	GUDATA(46)	CONC MASS 18	#/CM-3	MASSES(10)
2169.	C	GUDATA(47)	TIME MASS 28	SEC OF DAY	MTIME(11)
2170.	C	GUDATA(48)	CONC MASS 28	#/CM-3	MASSES(11)
2171.	C	GUDATA(49)	TIME MASS 30	SEC OF DAY	MTIME(12)
2172.	C	GUDATA(50)	CONC MASS 30	#/CM-3	MASSES(12)

2173.	C	GUDATA(51) TIME MASS 32	SEC OF UAY	MTIME(13)
2174.	C	GUDATA(52) CONC MASS 32	#/CM-3	MASSES(13)
2175.	C	GUDATA(53) VELOCITY OF MASS 01	KM/SEC	FLOW01
2176.	C	GUDATA(54) VELOCITY OF MASS 04	KM/SEC	FLOW04
2177.	C	GUDATA(55) VELOCITY OF MASS 14	KM/SEC	FLOW14
2178.	C	GUDATA(56) VELOCITY OF MASS 16	KM/SEC	FLOW16
2179.	C	GUDATA(57) FLUX OF MASS 01		FLUX01
2180.	C	GUDATA(58) FLUX OF MASS 04		FLUX04
2181.	C	GUDATA(59) FLUX OF MASS 14		FLUX14
2182.	C	GUDATA(60) FLUX OF MASS 16		FLUX16
2183.				
2184.	C	-----		

```

IEF285I VOL SER NOS= K3SYS6.
IEF285I SYS2.FCRTLIB KEPT
IEF285I VOL SER NOS= K3SYS2.
IEF285I SYS1.FL1LIB KEPT
IEF285I VOL SER NOS= K3SYS6.
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 SYS76142.T064225.RV000.YZJRJASH.LODMCD PASSED
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76142.TC64225.SV000.YZJRJASH.R000C084 SYSOUT
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76142.T064225.SV000.YZJRJASH.R0000085 SYSOUT
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76142.T064225.RV000.YZJRJASH.R000C086 DELETED
IEF285I VOL SER NOS= K3SCR2.
IEF285I SYS76142.T064225.RV000.YZJRJASH.S0000087 SYSIN
IEF285I VOL SER NOS= K3SCR2.
IEF285I SYS76142.T064225.RV000.YZJRJASH.S0000087 DELETED
IEF285I VOL SER NOS= K3SCR2.

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IEF373I STEP /LINK / START 76142.C852
IEF374I STEP /LINK / STOP 76142.C859 CPU 0MIN C1.60SEC MAIN 130K LCS OK
- STEP 01 - RETURN CODE = 0000 STEP TIME = .20 MINS=(CPU=.02,IO=.18)
                                .56 TAPE= .00.CELL=.16
                                ID IN SECS. DISK= 10.52,DRUM=

```

```

XXGC EXEC PGM=*.LINK.SYSLMCD,CCND=(4,LT),REGION=70K
XXFT05F001 DD DDNAME=CATAS 00000230
XXFT06F001 DD SYSOUT=ECUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE) 00000240
IEF653I SUESTITUTICN 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=ECUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE), 00000270
IEF653I SUESTITUTICN JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265).
XX SPACE=(CYL,(0,1)),UNIT=(DISK,3) 00000280
//GC.FT08F001 DD UNIT=STRACK,DISP=(OLD,KEEP),LABEL=(01,BLP,.IN),
// DCB=(BLKSIZE=32000,RECFM=U,CEN=3),
// VOL=SER=JJ0059
//GC.DATAS DD *

```

```

IEF236I ALLOC. FCR YZJRJASH GO
IEF237I 232 ALLOCATED TO PGM=*.DD
IEF237I 232 ALLOCATED TO FT05F001
IEF237I 332 ALLOCATED TO FT06F001
IEF237I 331 ALLOCATED TO FT07F001
IEF237I 332 ALLOCATED TO SYSPRINT
IEF237I 231 ALLOCATED TO SYSPRINT
IEF237I 232 ALLOCATED TO SYSPRINT
IEF237I 0D3 ALLOCATED TO FT08F001

```

1515 2 - Ion SPECTROMETER
 D#-23725 C#-17816
 START: 8/2/72 ORBIT: 6206
 STOP: 8/2/72 ORBIT: 6358

RECORD 1 OF FILE 1
 LENGTH = 12692 BYTES

31940000	00F40000	4211A180	42C52DAC	44183E00	4355540C	41731AAF	4173C2D5	4C5843A8	4212353F
C1100000	421184A3	4211527C	421E0E00	C2608383	42283988	411EA31E	4043C16F	4238EF31	4225E652
424EEE29	00000000	00000000	408EB739	00000000	00000000	00000000	00000000	42C52D8D	40FFE8EB
42C57485	433EB1D6	00000000	00000000	42C56823	425476D8	00000000	00000000	42C56856	4256D33D
00000000	00000000	00000000	42C55FC6	433E35D1	42C5665E	443B1354	00000000	00000000	00000000
00000000	00000000	00000000	00000000	C0B1847E	C09266E5	C07D6EEE	C0957DC2	C73C0199	C649BA65
C72E8671	C834A79A	C0F40000	4511A180	42D75A17	44183E00	435539E2	41731A25	4173C2A9	405843A8
4212393F	C1100000	4211E549	42119C9A	421C067A	C2608CE4	422C8362	411F773E	4044969F	4239EE16
4226970E	424EBE66	00000000	00000000	40C60C25	00000000	00000000	00000000	00000000	420759FB
40FFF20D	42C7639E	433CEFE0	00000000	00000000	42D71F0B	426C73A2	00000000	00000000	42C7B4DE
4269F394	42C7052C	42741CC7	42D7240F	43460D9E	42D7653F	443C90DA	42D728AE	415D2CAA	00000000
00000000	00000000	00000000	00000000	00000000	00000000	4093AC5E	4086B785	C01C1A1E	C88B966E
465F3CB9	4738435C	C7A2EA24	C0F40000	4511A180	42E9862F	44183E00	43553F4A	41731990	4173C278
405843A8	4212393F	C1100000	421185FD	42118EAS	421CFE5F	C260961E	422D4ED2	4120591C	40456921
423AE7A5	4227A8DA	424E950C	00000000	00000000	4CC25990	00000000	00000000	00000000	00000000
42E9860F	40FFF1F2	42E565D9	433C34E6	00000000	00000000	42E95873	42680797	00000000	00000000
00000000	00000000	42E9860F	427448DB	42E993FF	43406651	42E9A89C	443042E1	42EA9764	414112C8
00000000	00000000	00000000	00000000	00000000	00000000	40506036	406A61AE	C022C37C	C05DBE50
471CDS8D	4641FA4E	C71C1B21	C8223CC1	C0F40000	4511A180	42FBB279	44183E00	435544F1	417318EF
4173C242	405E43A8	4212393F	C1100000	421186A6	42118CA9	421DF745	C2609F1E	422E1BA8	4121499C

404639AB 423BD0CB 422EEE71 424E655D 00000000 0C0C0000 40C49EAC 00000000 00000000 00000000
0C000000 42FEB25C 40FFEA0D 42FEA22E 4338A881 0C000000 00000000 42FB6380 426516A9 00000000
0C000000 42FEF38E 4263CAF0 42FE7FBF 4252F7C5 42FC2284 434883AE 42FB08CE 443CC495 42FA8EF1
411EE789 C0C00000 0C0C0000 0000C0C0 00000000 00000000 00000000 40285A9A 40C564FF C111A4D6
C05F0EFA 466A1E80 467CFA13 C77A5E0D C822887A GCF40000 4511A180 4310D0EC 44183E00 43554AD7
41731843 4173C207 405E43A8 4212393F C1100000 4211875E 42118A95 421EEF99 C260A7E9 422EEGE2
41224A00 404704EF 423CCAC7 4225CEE5 424B3ADD 0C000000 00000000 40C6CAA0 00000000 00000000
00000000 00000000 431CDDEB 40FFDBE7 4310DAE4 433372AD 00000000 00000000 00000000 4310DBD6 425CC646
00000000 00000000 431CE08B 426AB0F9 431C0C00 4266AB16 4310DF2C 434EE99D 4310DF16 443D01B5
00000000 00000000 0C0C0000 00000000 00000000 0C0C0000 00000000 00000000 00000000 4087EA87 40530510
C03226H5 C02EBD83 4726B3CD 462DF13F C2179A1D C710EFF3 00F40000 4511A180 431200BD 44183E00
435550FE 41731780 4173C1CB 405E43A8 4212393F C1100000 42118815 42118877 421FE7E8 C260B07F
422FB95C 41235877 4647CDAC 423CB4E0 422AE344 424E116F 00000000 00000000 40C90CB0 00000000
00000000 0C0C0000 4212008B 40FFCA4E 43120033 432E3C0C 00000000 00000000 4311FCEA 00000000
425B54F5 0C0C0000 0C0C0000 431203A1 426368F1 4311FC2 4271470A 4312030E 434F9ADD 431203B8
44308222 00000000 0C0C0000 0C0C0000 00000000 00000000 00000000 00000000 40153E49 00000000
40989469 C05ED90C CC775658 465CE0DD 46532129 465E43AE 422EF86E 424AE917 00000000 4511A180 4313239A
44183E00 43555753 417316CC 4173C188 405E43A8 4212393F C1100000 421188CC 42118864 4220E036
C260B0DD 423C89FE 41247F51 404E929D 423E9A2A 422EF86E 424AE917 00000000 00000000 40CB341F 00000000
00000000 00000000 0C0C0000 00000000 4313239E 43131F20 432AC8B1 00000000 00000000 00000000
43132735 424CG361 0C0C0000 0C0C0000 43132959 42585347 43131EF3 4258275E 4313250A 43515E83
43132E82 443FE25F 0C0C0000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
40B280DE C0903F23 CC35925A C04C5750 472D9F6E C641BC3D C71BF290 C81D1874 00F40000 4511A180
43144E71 44183E00 43555DF6 417315FF 4173C143 405E43A8 4212393F C1100000 42118996 421183FD
4221066F C260C0FB 42315BA1 412EB71F 4049536F 422D0E2E 424AC1CA 00000000 00000000 00000000
4CCD5007 00000000 0C0C0000 0C0C0000 00000000 00000000 4314466F 40FFD76E 43144320 432AC056 00000000
00000000 43144359 4244633B 00000000 00000000 4314497D 425C5844 43144439 425EAAE3 431446FA
434892C3 431447F5 443E2192 43144409 4147866E 0C000000 00000000 00000000 00000000
00000000 40E44F1B C01EA9E3 C032C21A 471D0047 66324846 C696280E C810159A 00F40000
4511A180 4315693C 441E3F00 435E64C9 4173152A 4173C0FD 405843A8 4212393F C1100000 42118A4E 42118A4E
421181A2 4222D091 C26CE0D8 42322E33 4127046E 4040FE1 4240569C 422E2486 424A9BBC 00000000
00000000 40C05FA0 0C0C0000 0000C0C0 0C0C0000 00000000 4315693A 40FFE781 431568E5 43233300
0C000000 0C0C0000 43156BAA 423EB78E 0C0C0000 0C000000 43156FFA 4256B9C6 431568F4 4256D6CB
00000000 434ED696 4215EC6D 4432B18B 00000000 0C000000 00000000 00000000 00000000 00000000
00000000 00000000 3FD5E4CC C0614021 C079CA8E C7FD537 462CE479 C6245E4F C7337164 00000000
00F40000 4511A180 431EB8FA 441E3E00 43556B03 41731445 4173C081 405843A8 4212393F C1100000
42118E18 422117F3 4223CE97 C26CD66D 42330156 4128590F 404AC782 42412E1C 422F3B58 424476C0
00000000 0C0C0000 4CD1625C 00000000 00000000 0C000000 00000000 43168BF2 40FFF3A7 43168885
43211EF4 0C0C0000 0C0C0000 431681F6 4235A74D C0C00000 00000000 00000000 00000000 43168768
42E289CF 43168E0C 424ECEE4 43168D95 443407B1 43169BA3 416ACC29 00000000 00000000 00000000
0C0C0000 00000000 0C0C0000 4085EF01 411559A9 CC738FDB C04061C9 471B3C45 4681BC8B C730CE23
C813FE59 00F40000 4511A180 4317AEB7 441E3E00 43557313 43557313 41731353 4173C062 405843A8 4212393F
C1100000 42118BF4 42117CA8 4224C08E C260D785 423305D5 4239E756 404B7AB1 42420146 423052B0
424A52EA 0C0C0000 0C0C0000 4CC10000 40D357EB 00000000 0C000000 00000000 00000000 4317AEB5 40FFF6EF
4317A949 431E351C 0C0C0000 0000C0C0 4317A96E 42328CAF 00000000 00000000 4317B0AB 42510DE9
4317A938 424C0BF9 4317AF91 4344FC8F 4317B076 443497BA 4317B299 41449AEA 00000000 00000000
00000000 00000000 0C0C0000 00000000 40D95D38 40D369D3 40D2655E C046021B 47272456 4C3FB518
C6E25314 C815F2F1 0CF40000 4511A180 4318D17E 44183E00 43557A87 41731256 4173C011 405843A8
4212393F C1100000 42118CFE 42117A07 42258B7A C260DEB6 4234AAAC 41288121 404C28AC 4242DC47
42316A57 424A303A C0C00000 00000000 40D53EAF C0C00000 00000000 00000000 00000000 00000000
40FFF3BC 4318CEAE 431CC13A 0C0C0000 00000000 4318D58B 423159C7 00000000 00000000 4318D179 4318D179
424EB16F 4318CEAE 424CF126 431E1258 43444CC8 4318D35E 4436931C 4318D9DA 416AC0AA 00000000
00000000 00000000 0C0C0000 0000C0C0 406FB7FA C0A2C012 C04AC422 C04B9DD6 47134908
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RECORD 2 OF FILE 1
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424EE328 C0000000 00000000 40FC41CE 00000000 00000000 00000000 00000000 00000000 43476570 40FFE463
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43475DF9 42445C02 43476533 435B3FF4 4347660A 44434DDC 00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000000 00000000 407A0184 C00C0000 00000000 00000000 00000000 00000000
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40FFECD1 434881E6 431E53C5 00000000 00000000 00000000 00000000 00000000 00000000 43488985
423A2E73 C00C0000 00000000 43488EA7 434A03EE 43488E83 4439C06A 00000000 00000000 00000000 00000000
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RECCRD 17 OF FILE 1
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00000000 00000000 C0C00000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 C0C00000 00000000 00000000 00F40000 4511A180 45142441 44184A00 43560629 4172FCDD
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000C0000 000C0000 451449C1 40FFD829 00000000 00000000 00000000 00000000 00000000 00000000
00000000 000C0000 C0CC0000 000C0000 00000000 00000000 00000000 00000000 451449BE 4426E473
000C0000 000C0000 C0CC0000 000C0000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 4076903D 600C0000 00000000 4212391C 425645E2 425EC1DC 4249A D7B 00000000 00000000
4357660C 4172BC17 4175413A 405E4452 4212391C 425645E2 425EC1DC 4249A D7B 00000000 00000000
42545345 4266472D 4053BE73 425645E2 40F61C76 42E06540 42E06540 00000000 00000000
00000000 00000000 C0CC0000 000C0000 45144AE3 422C78FD C0C00000 00000000 00000000 00000000
00000000 000C0000 C0CC0000 000C0000 45144AE5 00000000 00000000 00000000 00000000 00000000
00000000 000C0000 C0AED69A 4715AFAA 00000000 00000000 00000000 00000000 00000000 00000000
44184A00 43576F9E 4172B9FE 4175A0C4 40584452 4212391C C1100000 4212391C 4212822E 4167E62B 425477F7
C240FA13 42545AB1 4267537A 4053B62D 425BECF9 4257D A24 4249CE41 00000000 00000000
000C0000 000C0000 C0CC0000 000C0000 45144C06 45144C06 40FFE C70 4249CE41 00000000 00000000
000C0000 000C0000 C0CC0000 000C0000 45144C0A 45144C0A 4227D D91 45144C0E 4234F8FE 45144C0A
45144C0F 44290111 45144C0B 414ED4F1 00000000 00000000 00000000 00000000 00000000 00000000

00000000 00000000 C09F6484 C11E270E 00000000 00000000 C72F805C C856A713 00F40000 4511A180
45144C29 44184A00 43577918 4172B7E5 41762543 40584452 4212391C C1100000 4212B151 4165843A
4255E8BF C23EC8AE 42544FA9 426CE5A7 4053AFED 4257E698 4255CEA7 4249F035 00000000 00000000
40EA51F2 00000000 CC0C0000 00000000 00000000 45144D29 400FFB0A 45144D1B 42F49511 00000000
00000000 00000000 00000000 00000000 00000000 00000000 00000000 45144C2E 4235EAA8 00000000
00000000 45144C27 44252CB5 45144C2B 4134AAFE 00000000 00000000 00000000 00000000 00000000
00000000 41253333 CC0C0000 00000000 40574152 47363C34 00000000 00000000 00000000 48156AF5 00F40000
4511A180 45144E4C 441E4A00 43578275 4172B5C6 4176E34F 40584452 4212391C C1100000 424A1354 00000000
41634AAE 4256919F C23201D6 4254161A 425E3590 4053A A99 4258CECE 425790DF 424A1354 4213A24C
00000000 40EA4415 CC0C0000 00000000 00000000 00000000 00000000 45144E4C 4110001F 45144E45 4312A263
00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 45144E48 422E4F68
00000000 00000000 45144E52 442D3CB6 00000000 00000000 00000000 00000000 00000000 00000000
00000000 41119F13 00000000 00000000 00000000 00000000 471F505E 00000000 00000000 00000000
00F40000 4511A180 45144F6E 441E4A00 43578BB8 4172B3A4 4177F5CE 40584452 4212391C C1100000
42148E71 41626E78 4257E53D C2246A20 42539C65 4250C41E 4053A74F 425868FE 4256D297 424A379A
00000000 00000000 40EA2AE1 00000000 00000000 00000000 00000000 45144F6E 40FFFC31 45144F67
4311F25B C00C0000 CC0C0000 45144F7A 41B1AAE9 00000000 00000000 45144F71 422EA296 45144F6F
423CB7AC 45144F6E 45144F7A 442CC1D8 442CC1D8 45144F87 41326195 00000000 00000000 45144F8C
4116D764 00000000 CC0C0000 411418D8 C111A7AC 44184A00 4053A74F 41326195 00000000 00000000 45144F8C
C87CCEEF 00F40000 4511A180 45145C91 44184A00 435794E1 4172B184 435794E1 4172B184 40584452 4212391C
C11C0000 4213A998 41627FEA 4257FC45 C2134295 4252ED6A 424FA005 4053A5A4 42579049 425522D2
424A5C04 00000000 CC0C0000 40EA3636 00000000 00000000 00000000 00000000 45145091 40FFD0C2
45145C81 4313AFE5 CC0C0000 00000000 45145C8C 41C29553 00000000 00000000 45145092 423230D8
4514508C 422EC49C 45145090 432EB992 451450A2 44310D09 45145094 415570E5 00000000 00000000
00000000 00000000 CC0C0000 00000000 412C55AF 40D8C80C 403A28C5 C12CEFFA 475348C6 45FF0E1E
47103402 C8D25371 00F40000 4511A180 451451B4 44184A00 43579DEE 4172AF62 417A2AC4 406842AB
42123973 C11C0000 4216F7C8 41620397 425825DA 40C2D373 425231D3 42363C35 4053A585 42572BE2
42545E48 424AB38E CC0C0000 00000000 40EA35DD 00000000 00000000 00000000 00000000 451451B4
40FF7885 451451AE 431E2774 00000000 00000000 00000000 00000000 00000000 00000000 451451B7
422E4E74 451451B8 422E88CF 451451B7 4337EA9F 451451BC 442CEE15 00000000 00000000 00000000
00000000 00000000 00000000 00000000 00000000 00000000 411CBA53 00000000 00000000 472295C0
405834DE 42123C4C C11C0000 407F091A 416CCC83 451452D8 44184A00 4357A6E5 4172AD3D 41796A2C
42570299 42E4A958 424AAB6E 00000000 00000000 40E439A4 00000000 00000000 4172AD3D 41796A2C
451452D8 40FA9A92 CC0C0000 00000000 00000000 00000000 00000000 00000000 4220EDA 4053A6D5
00000000 00000000 451452E0 424E7DE3 451452D0 4329C975 451452E2 4430E479 451452E0 4176AE84
00000000 00000000 CC0C0000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
417807AG 405E34DE 42123C4D C1100000 424AD430 00000000 4511A180 451453FE 44184A00 4357AFB5 4172AB1C
4053A589 4266C09F 42E3868F 424AD430 00000000 411E85DE 41605B7F 42575ABA 422DE2BC 4250A2BB 4225C7E3
00000000 451453FB 40FE86F3 451453FA 43157607 00000000 40EA411E 00000000 00000000 00000000 00000000
00000000 451453FB 422E8568 451453FA 422E6985 00000000 00000000 45145403 41845643 00000000 00000000
416A535E 00000000 CC0C0000 00000000 00000000 00000000 00000000 00000000 45145403 44351462 451453FC
C113F060 465E4639 CEF62A9 00000000 00000000 00000000 00000000 00000000 402C56EF C1139152 00000000
4172AEFC 4176E98C 405E34DE 42123C4D C1100000 431C8B63 4150E70E 4256A25E 423EF588 424FD405
4220137F 40E3AD6C 42567C7D 4252FFB2 424AFE11 00000000 00000000 40EA48CE 00000000 00000000 00000000
00000000 00000000 4514551E 40FE4360 45145514 43152879 00000000 00000000 00000000 00000000 00000000
00000000 00000000 4514551E 422FB8D0 45145523 4238FA69 45145522 43429306 45145520 443982AA 443982AA
00000000 00000000 CC0C0000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 4118E0D2 00000000
C08EB314 C08AFAFE 47328AC1 06000000 C735036E C81F6799 00F40000 00F40000 4511A180 45145641 44184A00
4357C0FC 4172A60E 417E2187 405E34DE 42123C4D C1100000 413C12F5 4161208C 4255D3D3 4247BD07
424F0118 421E7F09 405E3FB5 42528795 42528795 42482905 00000000 00000000 40EA5968 00000000
00000000 00000000 CC0C0000 45145E41 40FE1855 45145639 4316C212 00000000 00000000 4514563F 43340EBE 45145648
41880782 00000000 CC0C0000 45145641 422C7781 4514563A 4236C035 4514563F 00000000 00000000 45145648
443E3207 45145641 41EFA47A 00000000 00000000 00000000 00000000 00000000 00000000 4113FEF8
4088C386 40E476E8 C1155BC1 472EB569 45722B9C 471F6814 C8978A00 00F40000 4511A180 45145764
44184A00 4357C970 4172A4BD 417E5E03 405834DE 42123C4D C1100000 414171B9 4160E01A 4254F13C
424C2DE0 424E370E 4217FAR1 405E37D9 4256C0A1 42520B22 42485506 00000000 00000000 40EA692E 00000000
00000000 00000000 CC0C0000 00000000 00000000 45145764 40FE0CDF 45145751 43170418 00000000 00000000
45145765 4178A40E CC0C0000 00000000 00000000 45145765 423381BF 4514575F 423617CA 45145760 43324D64
45145764 443611FF 4514575B 416E170C 00000000 00000000 00000000 00000000 00000000 00000000
4132222C C020ABEE 4CAE59BE BEACD211 476EE2EC C5179951 4733C4FC C6343A45 00000000 00000000

17 RECORDS IN FILE 1 OF TAPE

IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS76142.TOC4225.RV000.YZJRJASH.LODMCD PASSED
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76142.TOC4225.RV000.YZJRJASH.S0000092 SYS IN
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76142.TOC4225.RV000.YZJRJASH.S0000092 DELETED
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76142.TOC4225.SV000.YZJRJASH.R0000088 SYS OUT
IEF285I VOL SER NOS= K3SCR5.
IEF285I SYS76142.TOC4225.SV000.YZJRJASH.R0000089 DELETED
IEF285I VOL SER NOS= K3SCR4.
IEF285I SYS76142.TOC4225.SV000.YZJRJASH.R0000090 DELETED

SJOB 10:45:54
 MASS IN MS1 SI FY
 SEXEC DPHEX RS

D-28147
 10/1/71 - 10/31/71 ~~Should be Qubit~~ 2317
 Defits 2317-2708

DATA INPUT		RECORD									
FILE	1	2	3	4	5	6	7	8	9	10	11
(0)	31940000	00F40000	451166A0	4316A20F	43000000	43555263	41730EEF	4173B583	40577251	421264E0	
(4)	01100000	421135C4	42100277	4213183E	028908C1	4224284F	41128B41	403B8132	4220D5DA	421B3D44	
(8)	424F06C5	00000000	00000000	40A69CF4	00000000	00000000	00000000	00000000	4316A20D	40FFE6A4	
(12)	4316A14A	441528D5	4316A309	412F1920	4316A58A	43271667	00000000	00000000	00000000	00000000	
(16)	4316A474	4235681F	4316A366	42FF9797	4316A2BF	44109622	00000000	00000000	00000000	00000000	
(20)	00000000	00000000	00000000	00000000	401E2072	C08A287C	C03556E0	C01B7581	473CD137	C7203354	
(24)	C5514AA4	C72373A3	00F40000	451166A0	4317C792	43900000	43554EC5	4173104A	4173B711	40577251	
(28)	421264E0	C1100000	4211366A	42100D1A	42141325	C269E352	4224DE22	4118FFA5	403C5B46	422F15AF	
(32)	421C453B	424FEC62	00000000	00000000	40A8FF93	00000000	00000000	00000000	00000000	4317C790	
(36)	40FFCF68	4317C672	44151A27	00000000	00000000	4317C9C6	4327E066	00000000	00000000	00000000	
(40)	00000000	4317C887	4232E055	4317C985	42FB4618	4317CA1D	44101AAD	4317D0BC	4129658C	00000000	
(44)	00000000	00000000	00000000	00000000	00000000	402C30A8	C0575R99	C04051A3	C064BCFC	4758FF28	
(48)	C714C763	C678E517	C79AD489	00F40000	451166A0	4318E015	43900000	4355487D	4173119C	4173B89A	
(52)	40577251	421264E0	C1100000	42113700	4210BEG1	42150E0B	C269EDC6	42259745	41197B9D	403D3672	
(56)	42304ED4	42104EBF	42501280	00000000	00000000	40A86542	00000000	00000000	00000000	00000000	
(60)	4318E014	40FFDDED	4318EA10	4413534F	00000000	00000000	4318EC73	43236AED	00000000	00000000	
(64)	00000000	00000000	4318E5DF	42307F85	4318E997	42E50C5C	4318EF4A	4410065D	4318F202	4115D0B8	
(68)	00000000	00000000	00000000	00000000	00000000	00000000	407735E5	4018D135	408A1082	C02FD110	
(72)	47DBD23F	4553DE59	468C96A1	C7491D22	00F40000	451166A0	431A1292	43900000	43554862	417312E2	
(76)	4173BA1C	40577251	421264E0	C1100000	42113795	4210BBD8	421602E8	C269F81B	42265379	4119FF8D	
(80)	403E124D	4231811E	421E5991	425039D3	00000000	00000000	40ADCCDB	00000000	00000000	00000000	
(84)	00000000	431A129D	40FFD5DA	431A110C	4412A697	431A0BF7	412CAD87	431A150D	4326445C	00000000	
(88)	00000000	431A17A6	4233C9E9	431A14DC	4230DE48	431A13E1	42F9DD19	431A141A	44105F7B	431A17FD	
(92)	41239483	00000000	00000000	00000000	00000000	00000000	00000000	403BF317	C0624FAD	C033FFED	
(96)	C03CB658	476AB30B	C716702C	C64D7E42	C75EDC38	00F40000	451166A0	43183766	43900000	4355459C	
(100)	4173141C	41733897	40577251	421264E0	C1100000	4211383C	4210B9AA	42170333	C26A0249	42271210	
(104)	411A8895	403EEDFD	4232AABA	421F63E5	4250618A	00000000	00000000	40B033F9	00000000	00000000	
(108)	00000000	00000000	431B3764	40FF82D2	431B3983	4411A20A	00000000	00000000	00000000	00000000	
(112)	00000000	00000000	00000000	00000000	431B3707	422E8EB8	431B39FA	42F6B990	431B3940	44110F43	
(116)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	C053BF68	
(120)	C066197D	C0497530	C78D19C1	00000000	C6966F36	C777BD53	00F40000	451166A0	431C5DAD	4390D000	
(124)	4355431A	4173154E	4173BD0E	40577251	421264E0	C1100000	421138E3	4210B769	4217FEB7	C26A0C61	
(128)	4227D44C	411B2153	403FCAB7	4233CF1D	4220709D	42508A2A	00000000	00000000	40829E03	00000000	
(132)	00000000	00000000	00000000	431C5DAB	40FFDDCA	431C58CF	4411EE45	431C5A2C	412EFB35	431C5AE4	
(136)	432236E4	00000000	00000000	431C6088	4236F576	431C59E3	42332587	431C5F8A	42FD7995	431C603C	
(140)	43FC3D26	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	40C0B437	
(144)	4060C80F	C04A0700	C06594D4	48149B29	4716665C	C66FE6AA	C798CDAA	00F40000	451166A0	431D832B	
(148)	4390D000	435540DF	41731673	4173BE7D	40577251	421264E0	C1100000	4211398A	421DB51A	4218F98D	
(152)	C26A164C	42289878	411BC033	4040A673	4234EC41	422170DD	4250B360	00000000	00000000	40B50543	
(156)	00000000	00000000	00000000	00000000	431D8329	40FFD383	431D839E	4410CD6C	00000000	00000000	
(160)	431D865F	43223FA6	00000000	00000000	431D8DE7	42323E1E	431D8185	4235BCD0	431D8400	4310288A	
(164)	431D85F9	44109B18	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	
(168)	C0120A7D	C07F18D7	C0213658	C06F5FC5	C71CEDB9	C719F682	C633405C	C7807F8A	00F40000	451166A0	
(172)	431EA8BC	439DD000	43553EE9	4173178E	4173BFE8	40577251	421264E0	C1100000	42113A31	4210B2BC	
(176)	4219F46F	C26A200F	42295EF1	411C6938	40418179	4236020C	42228BD8	4250DD49	00000000	00000000	
(180)	40B76A86	00000000	00000000	00000000	00000000	431EA8BA	40FFD305	431EA7BE	43F23DC8	431E9E8E	
(184)	412861C2	431EAA9E	43206F12	00000000	00000000	431EAC8A	42387134	431EA7E4	4233CD81	431E9E03	
(188)	431153E5	431EAAE4	44104E67	431E89CA	41123366	00000000	00000000	00000000	00000000	00000000	
(192)	00000000	4025F7CE	C04ABF39	411AF079	C0557FAA	47384C95	C6E75C7F	472C8C41	C7850C9B	00F40000	
(196)	451166A0	431FCE38	439DD000	43553D37	4173189E	4173C14D	40577251	421264E0	C1100000	42113AD8	
(200)	4210B04E	421AEF3D	C26A29A8	422A2786	411D1DDC	40425B54	423712A0	42239A72	425107DA	00000000	
(204)	00000000	40B9CC85	00000000	00000000	00000000	00000000	431FCE39	40FFDDDA	431FCA89	43E85053	
(208)	431FAA3A	412263C2	431FC8A1	431FFA2D	00000000	00000000	431FD346	4233CB4E	431FCE81	4237B9E8	
(212)	431FD08C	431181A5	431FD030	44106160	00000000	00000000	00000000	00000000	00000000	00000000	
(216)	00000000	00000000	4091F089	40DE2748	C05BF0C8	C04DB727	47CA420A	472A5D47	C69B3943	C7797782	
(220)	00F40000	451166A0	4320F3BB	439DD000	43553BC9	417319A3	4173C2AD	40577251	421264E0	C1100000	
(224)	4211387F	421DADCF	421BEA07	C26A3315	422AF223	411DDC7B	404333BD	42381CAA	4224AA37	42513315	
(228)	00000000	00000000	40BC2A79	00000000	00000000	00000000	00000000	4320F3B9	40FFD191	4320F388	

2304
 13
 2317

(320)	424F0680	425EFDAA	00000000	00000000	40E7D83C	00000000	00000000	00000000	00000000	4512B4C3
(360)	40FFF20C	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	4512B4B9
(400)	41796FA7	00000000	00000000	4512B4C1	4286153A	4512B4BF	439F17A2	00000000	00000000	00000000
(440)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	405F5AB3	409D1B91	00000000
(480)	00000000	4567828B	4794131D	00F40000	45116580	4512B5EB	43A94000	43598733	4172592D	41742D38
(520)	405890C2	421294CD	41100000	41220123	4134572C	42510C9E	42447EB8	424B5AB3	41FA40C2	4052C6D7
(560)	42547A9A	424F0EFA	426FAD2D	00000000	00000000	40E7C659	00000000	00000000	00000000	00000000
(600)	4512B5EC	40FFE0EF	4512B5E1	429D0476	00000000	00000000	00000000	00000000	00000000	00000000
(640)	00000000	00000000	00000000	00000000	4512B5EC	42749CB2	4512B5F4	436003BC	4512B5F7	413464C8
(680)	00000000	00000000	00000000	00000000	00000000	00000000	411AF772	00000000	3F27441F	C1148889
(720)	47194F6A	00000000	C51B4E2A	C78C1B2D	00F40000	45116880	4512B714	43A94000	43590D5C	41725770
(760)	41740735	405690C2	421294CD	41100000	41233579	4133BA41	425018F8	42459383	424A8D40	41E188BF
(800)	4052BFCF	4254230C	424E64E4	42705BF8	00000000	00000000	40E7B2AB	00000000	00000000	00000000
(840)	00000000	4512B714	40FFF5AA	4512B701	42943705	00000000	00000000	4512B6F8	416D6DAE	00000000
(880)	00000000	00000000	00000000	4512B708	41430435	4512B711	4273F7D5	4512B712	435E80EE	4512B728
(920)	41164FC5	00000000	00000000	00000000	00000000	00000000	00000000	4133B87E	414F0818	40967FD8
(960)	4068ECB8	472DB2E3	46338E59	46680B8F	473B1CA4	00F40000	45116580	4512B714	43A94000	43590D5C
(1000)	41725770	41740735	405690C2	421294CD	41100000	41233579	4133BA41	425018F8	42459383	424A8D40
(1040)	41E1888F	4052BFCF	4254230C	424E64E4	42705BF8	00000000	00000000	40E7B2AB	00000000	00000000
(1080)	00000000	00000000	4512B714	40FFF5AA	4512B701	42943705	00000000	00000000	4512B6F8	416D6DAE
(1120)	00000000	00000000	00000000	00000000	4512B708	41430435	4512B711	4273F7D5	4512B712	435E80EE
(1160)	4512B728	41164FC5	00000000	00000000	00000000	00000000	00000000	00000000	4133B87E	414F0818
(1200)	40967FD8	4068ECB8	472DB2E3	46338E59	46680B8F	473B1CA4				

1
2560
144
4
2708

FILE	1	# OF DATA RECORDS	16	# SUCCESSFUL READS	17	# PERMANENT READ ERRORS	0	# ZERO BYTE ERRORS	1	# SHORT RECORDS	0	# UNDEFINED ERRORS	0
		# OF RECORDS RETRIED	1	TOTAL # OF RETRIES	1								

0-28149

\$JOB 12:33:19
\$ASS TN MS1 SI TY
\$EXEC DPHEX BS
INPUT TAPE 04 451
DATA INPUT 2 2 0

5/01/71 - 5/31/71
Orbits - 380 - 769 ~~Should be orbit 500~~

FILE	1	RECORD	1	LENGTH	12692BYTES	<i>6089</i>					
(		00000000	00F40000	45115011	44231A94	43479000	435574F3	41731DCD	4173D8C8	4046C390	4216BAFE
(	40)	01100000	4148FCE1	415B25B4	42318D22	4222F82C	4231DC78	412680D3	40477105	4240CE61	422EBED6
(	80)	4259410F	00000000	00000000	40C8D945	00000000	00000000	00000000	00000000	44231A94	40EAE119
(	120)	44231A52	441434E3	00000000	00000000	44231ABB	43534425	00000000	00000000	44231B3C	421012E0
(	160)	44231A93	42152A64	44231AD3	42748434	44231AB5	43345A3E	00000000	00000000	00000000	00000000
(	200)	00000000	00000000	00000000	00000000	00783F43	4048BFF6	4073BFE7	403CE912	C7FC8F22	47275A54
(	240)	45579DAB	4714B747	00F40000	45115D10	44233165	4317C000	4355759C	41731EAC	4173DB96	4046C390
(	280)	4216BAFE	01100000	414E173C	415B057C	4232F302	4222F837	4232ECED	41284578	404819EE	4241CC66
(	320)	42300C3F	4258BD0D	00000000	00000000	40C9E237	00000000	00000000	00000000	00000000	44233165
(	360)	40E832C9	44233133	4411370F	00000000	00000000	44233184	4351B78F	00000000	00000000	442331EE
(	400)	4227EA58	44233156	42233FBF	4423316E	429C07BB	44233178	43442AF2	00000000	00000000	00000000
(	440)	00000000	00000000	00000000	00000000	00000000	005BA241	40389196	3FFF9F58	40226D7A	C7A3C57E
(	480)	4710F007	461D2C1F	46F39BB0	00F40000	45115D10	44234837	4317C000	4355767E	41731F83	4173DE88
(	520)	4046C390	4215BAFE	01100000	414E3315	415C6C58	42342A77	4222F991	4233F0C0	412A3253	4048BE81
(	560)	4242C20C	423156F2	425638C3	00000000	00000000	40CBAF05	00000000	00000000	00000000	00000000
(	600)	44234837	40E835BB	442347E5	43F20C1E	442346D2	4127EEEB	4423485F	4345B695	44234829	411ABB55
(	640)	44234837	4235F208	44234921	423DFA1E	442348C8	42C891A9	44234868	435D299F	00000000	00000000
(	680)	00000000	00000000	00000000	00000000	00000000	00000000	009769BA	404ACEEC	4110D7B6	405FA304
(	720)	C7ED704C	4721C989	4716368E	4739B947	00F40000	45115D10	44235F05	4317C000	43557797	41732049
(	760)	4173E197	4046C390	4216BAFE	C1100000	414E4F4E	415D1AF7	42356D55	4222FC59	42350ED3	412C4BBE
(	800)	40495EB6	4423AF95	42329EA3	4257B4B2	00000000	00000000	40CD6F98	00000000	00000000	00000000
(	840)	00000000	442351C6	40C8E2BB	44235E7D	43AB5239	44235E1D	411ED287	44235F2D	43383A85	00000000
(	880)	00000000	44235F56	42557EB0	44235E00	426283D0	44235F49	43157A5F	44235F60	438A0766	44235FC5
(	920)	41374212	00000000	00000000	00000000	00000000	00000000	00000000	00F86605	4047DEB9	407B58FD
(	960)	40A0C7D0	C8113F65	471A2429	47112328	4794F9E5	00F40000	45115D10	442375D3	4317C000	435578E4
(	1000)	417320E6	4173E4B2	4046C390	4216BAFE	C1100000	414E6E60	415DD20F	4236972C	422300B0	4236200F
(	1040)	412E97A5	4049FAA2	4244958D	4235E378	425730D0	00000000	00000000	40CF242E	00000000	00000000
(	1080)	00000000	00000000	442375D3	40EC0440	44237587	4388BFA5	00000000	00000000	44237581	432F2B12
(	1120)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(	1160)	4423748E	413355BA	00000000	00000000	00000000	00000000	00000000	00000000	C08CB8CD	C09875C1
(	1200)	00000000	00000000	C77F2428	C72E7E15	00000000	00000000	00F40000	45115D10	44238CA4	4317C000
(	1240)	43557A64	4173217B	4173E7FF	4046C390	4216BAFE	C1100000	414E8EB6	415E9272	4237CD89	422306E3
(	1280)	423731A5	41311C27	404A9282	42457497	423525A7	4256AD39	00000000	00000000	40D0CD6E	00000000
(	1320)	00000000	00000000	00000000	44238CA4	40EC79EA	44238C02	4350C5B8	44238ED3	4086557F	44238C41
(	1360)	431CAF73	00000000	00000000	44238CE4	427C58AC	44238C66	42920DF5	44238CE3	4328086D	44238CC3
(	1400)	43FB8828	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	C112E643
(	1440)	C08769F2	40752D56	403A6289	C79D9A62	C721F2E6	471E44C4	475EDCD3	00F40000	45115D10	4423A374
(	1480)	4317C000	43557C15	4173220B	4173EB86	4046C390	4216BAFE	C1100000	414EB153	415F5CD9	423903D0
(	1520)	42230EFC	42384338	4133DFA3	404B2657	42464D03	42366515	425629E2	00000000	00000000	40D26B5C
(	1560)	00000000	00000000	00000000	00000000	4423A374	40ECDDC4	4423A35F	4333E5E7	4423A25D	40746842
(	1600)	4423A318	42DA7C6E	4423A2F2	4122727D	4423A35F	425D269F	4423A2CA	4264BD13	4423A393	4333EAF0
(	1640)	4423A393	4412994F	4423A374	41731EE0	00000000	00000000	00000000	00000000	00000000	00000000
(	1680)	C025DC90	C1AC801C	40387A8E	403803D6	C6CFE08F	C6F2CA3C	4712E3AD	476B618C	00F40000	45115D10
(	1720)	4423BA46	4317C000	43557DF2	41732294	4173EEF4	4046C390	4216BAFE	C1100000	414ED665	41603239
(	1760)	423A3A0D	42231945	423954D8	4136EA8B	404BB639	42471F58	4237A1FB	4255A6E1	00000000	00000000
(	1800)	42D3FE3D	00000000	00000000	00000000	00000000	4423BA46	40ED423F	4423BA5A	4328E387	00000000
(	1840)	00000000	4423BA65	42A81A59	4423BAC3	411CF3DB	4423BA86	424E3A6B	4423BA26	4258E519	4423BA51
(	1880)	4337E177	4423BA66	4416E06C	4423BAC8	4146D329	00000000	00000000	00000000	00000000	00000000
(	1920)	00000000	40260F73	4039735D	40141278	403CD1B4	46A0235D	463E1C65	46736B06	478F286B	00F40000
(	1960)	45115D10	4423D115	4317C000	43557FFC	4173230E	4173F358	4046C390	4216BAFE	C1100000	414EF052
(	2000)	41611383	42337014	42232600	423A6632	413A45CC	404C4227	4247EBC4	4238DC21	42552455	00000000
(	2040)	00000000	40D58609	00000000	00000000	00000000	00000000	4423D115	40EDADDA	4423D154	43216791
(	2080)	00000000	00000000	4423D177	42406C1E	4423D145	41201224	4423D13C	4228F71C	4423D12F	422D6D63
(	2120)	4423D138	433F7E6F	4423D11F	4419E5E4	4423D123	41522A95	00000000	00000000	00000000	00000000
(	2160)	00000000	00000000	40750F21	4087B63F	40425906	401348F1	47191A94	4648FB09	47180B85	47335548
(	2200)	00F40000	45115D10	4423E7E2	4317C000	4355822F	4173235C	4173F790	4046C390	4216BAFE	C1100000
(	2240)	414F2885	416201FC	423CA5F2	4223357A	423B76FF	413DFC84	404CCA33	4248B2C3	423A13D0	4254A245
(	2280)	00000000	00000000	40D702F6	00000000	00000000	00000000	00000000	4423E7E2	40EDDC95	4423E7F5

(320)	4226E0J3	421FE505	00000000	00000000	40BA50BC	00000000	00000000	00000000	00000000	00000000	45119964
(360)	40CB91BB	451199AC	43396C1A	4511994C	404C6C59	4511996D	4235FB08	45119910	411964D7	4511995B	
(400)	41EFC11E	45119975	421502BE	45119964	4286CA24	45119965	4350C208	00000000	00000000	00000000	
(440)	00000000	00000000	00000000	00000000	00000000	407D4081	4088787F	3F17C09D	3FF17D45	4735E912	
(480)	46540E61	4517FF64	46A317A0	00F40000	45115EFG	45119RAB	43301000	43592E4D	41722922	4172D394	
(520)	402C6452	42243FF7	41100000	41E519ED	41E5E5DB	4218FADE	C256568B	422B6094	411E99F7	4040E84F	
(560)	4238468C	4224D9D6	421FF9FF	00000000	00000000	40P5BDAC	00000000	00000000	00000000	00000000	
(600)	45119BAB	40CDE2C3	45119BB4	43443CDF	45119B84	403D8671	45119B82	42445BAA	45119B79	411A3418	
(640)	45119BAA	41E9A8FC	45119BB0	421AA582	45119BAE	42924832	45119BAE	43679FDA	451198B0	4110273F	
(680)	00000000	00000000	00000000	00000000	00000000	00000000	408901F6	40D14FC3	40264A96	40254A33	
(720)	4748619B	465ADAAD	4629835B	471CA363	00F40000	45115EFG	45119DF2	43301000	43593044	4172277B	
(760)	4172D166	402C6452	42243BE7	41100000	41E52D85	41E72773	4217107C	C2566ABF	422A3689	411D2ADB	
(800)	403F3E7E	423639D6	4222C21A	422028EA	00000000	00000000	40B114AE	00000000	00000000	00000000	
(840)	00000000	45119DF2	40D043AF	45119DFA	4351A79F	00000000	00000000	45119DFC	424254F6	00000000	
(880)	00000000	45119DFB	41E13C1B	45119DFD	421C41C2	45119DFA	4297161A	45119DFB	43653A30	00000000	
(920)	00000000	00000000	00000000	00000000	00000000	00000000	00000000	407A0122	409CFB17	4082ABBE	
(960)	4086C08F	4748FD63	464C4A86	4690A598	4763F096	00F40000	45115EFG	4511A039	43301000	4359322A	
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(1040)	411BE51E	403D8E1A	42341582	4220B271	4220714C	00000000	00000000	40AC5D7D	00000000	00000000	
(1080)	00000000	00000000	4511A039	40D2ADC1	4511A041	435DEA1B	4511A02A	407EB46C	4511A03A	42499F45	
(1120)	00000000	00000000	4511A037	42101E80	00000000	00000000	4511A05D	4280493F	4511A03A	437BE661	
(1160)	4511A04B	4116E35F	00000000	00000000	00000000	00000000	00000000	00000000	4075BE0E	3FB43AAA	
(1200)	4126BE80	3FE149ED	47501667	45601A23	4723FFA1	46CA2AB7	00F40000	45115EFG	4511A039	437010BD	
(1240)	4359322A	417225EB	4172CF60	402C6452	42243BE7	41100000	41E5411B	41E766C0	4215263A	C2567F77	
(1280)	4228C48C	411BE51F	403D8F1A	42341582	4220B271	4220714C	00000000	00000000	40AC5D7D	00000000	
(1320)	00000000	00000000	00000000	4511A039	40D2ADC1	4511A041	435DEA1B	4511A02A	407EB46C	4511A03A	
(1360)	42499F45	00000000	00000000	4511A037	42101E80	00000000	00000000	4511A05D	4280493F	4511A03A	
(1400)	437BE661	4511A04B	4116E35F	00000000	00000000	00000000	00000000	00000000	00000000	4075BE0E	
(1440)	3FB43AAA	4126BE80	3FE149ED	47501667	45601A23	4723FFA1	46CA2AB7				

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FILE	1	# OF DATA RECORDS	8	# SUCCESSFUL READS	10	# SHORT RECORDS	0	# UNDEFINED ERRORS	0
		# PERMANENT READ ERRORS	0	# ZERO BYTE ERRORS	0				
		# OF RECORDS RETRIED	0	TOTAL # OF RETRIES	0				