

#340

APOLLO 12, 14, 15 + 16
LARGE METEOROID IMPACTS,
HIGH FREQUENCY TELESEISMS, AND
SELECTED MOONQUAKE EVENTS

69-099C-03R, S + T ✓

71-008C-04R, S + T

71-063C-01R, S + T

72-031C-01R, S + T —

APOLLO 12 LM/ALSEP

LARGE METEOROID IMPACTS ON TAPE

69-099C-03R

PSPG-00287

This data set has been restored. There were originally seven 7-track, 800 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on an IBM 360 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	----	-----
DR005510	DS005510	D022528	1	04/13/71 - 07/27/71 (a)
		D022529	2	10/20/71 - 01/04/72 (b)
		D022530	3	05/11/72 - 08/29/72 (c)
		D022531	4	08/29/72 - 07/04/73
		D022532	5	07/20/73 - 04/19/74
		D022533	6	05/24/74 - 11/21/74
		D022534	7	11/27/74 - 05/04/75 (d)

- o (a) D022528: Read errors occurred in records 279,280,402,411,415, 420, & 426 of file 1.
- o (b) D022529: Read errors occurred in records 77,117,249,291,331, 344,352,387,425,429, & 436 of file 1.
- o (c) D022530: Read errors occurred in records 281,294, & 315 of file 1.
- o (d) D022534: Read errors occurred in records 72, & 234 of file 1.

REQ. AGNET
MLR
VJP

RAND NO.
RC5023

ACQ. AGENT
RWV

APOLLO 12, 14, 15 + 16
LARGE METEOROID IMPACTS,
HIGH FREQUENCY TELESEISMS, AND
SELECTED MOONQUAKE EVENTS

69-099C-03R, S + T

71-008C-04R, S + T

71-063C-01R, S + T

72-031C-01R, S + T

This data set catalog consists of 12 Apollo Data sets with a total of 33 tapes. The tapes are 7 track, 800, Bin with 1 file each. The tapes were created on an IBM 360 computer.

Data set and time spans as follows.

LARGE METEOROID IMPACTS

APOLLO 12 69-099C-03R

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-22528	C-17585	4/13/71 - 7/27/71
D-22529	C-17586	10/20/71 - 1/04/72
D-22530	C-17587	5/11/72 - 8/29/72
D-22531	C-17588	8/29/72 - 7/04/73
D-22532	C-17589	7/20/73 - 4/19/74
D-22533	C-17801	5/24/74 - 11/21/74
D-22534	C-17590	11/27/74 - 5/04/75

APOLLO 14 71-008C-04R

D-22535	C-17594	4/13/71 - 1/04/72
D-22536	C-17595	5/11/72 - 8/29/72
D-22537	C-17596	8/29/72 - 7/04/73
D-22538	C-17597	7/20/73 - 4/19/74

(APOLLO 14 CONT)

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-22539	C-17598	5/24/74 - 11/21/74
D-22540	C-17802	11/27/74 - 5/04/75
<u>APOLLO 15 71-063C-01R</u>		
D-22541	C-17674	10/20/71 - 1/04/72
D-22542	C-17601	5/11/72 - 8/29/72
D-22543	C-17602	8/29/72 - 7/04/73
D-22544	C-17603	7/20/73 - 4/19/74
D-22545	C-17604	5/24/74 - 11/21/74
D-22546	C-17803	11/27/74 - 5/04/75
<u>APOLLO 16 72-031C-01R</u>		
D-22547	C-17673	5/11/72 - 8/29/72
D-22548	C-17608	8/29/72 - 7/04/73
D-22549	C-17609	7/20/73 - 4/29/74
D-22550	C-17675	5/24/74 - 11/21/74
D-22551	C-17610	11/27/74 - 5/04/75

HIGH FREQUENCY TELESEISMS

APOLLO 12 69-099C-03S

D-22552	C-17591	4/17/71 - 7/11/71
D-22553	C-17671	1/02/72 - 1/13/75

APOLLO 14 71-008C-04S

D-22554	C-17672	4/17/71 - 1/13/75
---------	---------	-------------------

APOLLO 15 71-063C-01S

D-22555	C-17605	1/02/72 - 1/13/75
---------	---------	-------------------

APOLLO 16 72-031C-01S

D-22556	C-17611	9/17/72 - 1/13/75
---------	---------	-------------------

SELECTED MOONQUAKE EVENTS

APOLLO 12 69-099C-03T

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-22557	C-17592	1/17/72 - 4/23/75
D-22558	C-17593	9/23/71 - 10/15/71

APOLLO 14 71-008C-04T

D-22559	C-17599	1/17/72 - 4/23/75
D-22460	C-17600	8/04/71 - 10/15/71

APOLLO 15 71-063C-01T

D-22561	C-17606	8/04/71 - 10/15/71
D-22562	C-17607	1/17/72 - 4/23/75

APOLLO 16 72-031C-01T

D-22563	C-17612	5/27/72 - 4/23/75
---------	---------	-------------------

APOLLO 12
PASSIVE SEISMIC EVENT
69-099C-03A
HEADER RECORD FORMAT

<u>WORD</u>	<u>DESCRIPTION</u>	<u>TYPE</u>
1	Experiment Identification (PS EXP)	BCD
2	ALSEP Number (ALSEPX)	BCD
3	Mission Identification (A/S xxx)	BCD
4	Spare	BCD

APOLLO 12
69-099C-03A
PASSIVE SEISMIC EVENT
DATA RECORD FORMAT

WORD 1						WORD 2						WORD 3					
ELAPSED TIME, MSEC						1-4	5-10	11-12	13-22	23-24	25-36	1-10	11-12	13-22	23-24	25-34	35-36
						STATION ID	BIT ERROR RATE	DATA RATE	STATUS	MAGNETO-METER DATA	0	CONTROL WORD	0	CONTROL WORD	0	CONTROL WORD	0
WORD 4						WORD 5						WORD 6					
1-10	11-12	13-22	23-24	25-34	35-36	1-10	11-12	13-22	23-24	25-34	35-36	1-10	11-12	13-22	23-24	25-34	35-36
SHORT PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD SEISMIC (X)	0	SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD SEISMIC (Y)	0	SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0
WORD 7						WORD 8						WORD 9					
1-10	11-12	13-22	23-24	25-34	35-36	1-10	11-12	13-22	23-24	25-34	35-36	1-10	11-12	13-22	23-24	25-34	35-36
SHORT PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD SEISMIC (X)	0	SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD SEISMIC (Y)	0	SHORT PERIOD SEISMIC (Z)	0
WORD 10						WORD 11						WORD 12					
1-10	11-12	13-22	23-24	25-34	35-36	1-10	11-12	13-22	23-24	25-34	35-36	1-10	11-12	13-22	23-24	25-34	35-36
LONG PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0	HOUSE-KEEPING DATA	0	SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD TOTAL	0	SHORT PERIOD SEISMIC (Z)	0	SENSOR UNIT TEMPERATURE	0	SHORT PERIOD SEISMIC (Z)	0
WORD 13						WORD 14						WORD 15					
1-10	11-12	13-22	23-24	25-34	35-36	1-10	11-12	13-22	23-24	25-34	35-36	1-10	11-12	13-22	23-24	25-34	35-36
SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD SEISMIC (X)	0	SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD SEISMIC (Y)	0	SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD SEISMIC (Z)	0	COMMAND VERIFICATION	0	SHORT PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0
WORD 16						WORD 17						WORD 18					
1-10	11-12	13-22	23-24	25-34	35-36	1-10	11-12	13-22	23-24	25-34	35-36	1-10	11-12	13-22	23-24	25-34	35-36
SHORT PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD SEISMIC (X)	0	SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD SEISMIC (Y)	0	SHORT PERIOD SEISMIC (Z)	0	LONG PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0	SHORT PERIOD SEISMIC (Z)	0

IEF2371 331 ALLOCATED TO FT06F001
IEF2371 332 ALLOCATED TO FT07F001
IEF2371 331 ALLOCATED TO SYSPRINT
IEF2371 231 ALLOCATED TO SYSPRINT
IEF2371 232 ALLOCATED TO SYSPRINT
IEF2371 0C0 ALLOCATED TO FT08F001

RECORD 1 OF FILE 1
LENGTH = 18 BYTES

575565CF 01388000 0C01ECC0 0002152A

RECORD 2 OF FILE 1
LENGTH = 18 BYTES

575565CF 01388000 0C01ECC0 0002152A

Apollo 12

LARGE METEOROID IMPACTS

D-22528

04/13/71 - 7/27/71

RECORD 3 OF FILE 1
LENGTH = 7290 BYTES

2152A93B	1302FFC0	00E240EC	56880880	48048348	04834804	81C80480	88088088	04804834	80083480
481C8048	04000808	4E4808FB	C8048048	34804838	80481C00	08048304	04804834	80483880	481C8048
082152A9	000302FF	C000E240	EC570804	80480483	08048388	0481C804	80880880	48048048	30804838
80481C80	48C81588	08EC8808	51C80480	48308048	3880481C	00080480	88088088	30804838	80481C80
48082152	A98E9302	FFC000E2	40EC5788	08804804	83080483	480481C8	04808808	80880480	48308008
3480081C	804E041E	88084E48	08F8C804	80483080	48348048	1C000804	80480880	88308048	3480481C
80480821	52A9AC53	02FFC000	E240EC58	08088048	04830804	83480481	C8048088	08808804	80483080
48348048	1C8C48C8	18C808EC	880E51C8	04804830	80483480	481C0008	04808808	80483080	48348048
1C804804	2152A9D2	0302FFC0	00E240EC	58880880	48048308	04834804	81C80480	48088088	04804834
80483880	481C8048	0419C808	4E4808FB	C8048048	34804838	80481C00	08048048	08804830	80483880
481C8048	082152A9	F7C302FF	C000E240	EC590808	80480483	08048388	0481C804	80880880	88048048
30804838	80481C80	48083348	08EC8804	51C80480	48308048	3880481C	00080480	88048048	30804838
80481C80	48C82152	AA1D8302	FFC000E2	40EC5988	08804804	83080483	480481C8	04804808	80880480
48308048	3480481C	804304C0	08084E48	08F8C804	80483080	48348048	1C000804	80480980	88308048
3480481C	80480421	52AA4343	02FFC000	E240EC5A	08088048	04830804	83480481	C8048088	08808804
80483080	08348048	1C804808	3D8808EC	880851C8	04804830	80483480	481C0008	04804808	80483080
48348048	1C804804	2152AA68	F302FFC0	00E240EC	5A880880	48048308	04838804	81C80480	88088048
04804830	80483880	48208048	0800C808	4E4804FB	C8048048	30804838	80482000	08048048	08804830
80483880	482C8048	042152AA	8EB302FF	C000E240	EC5B0804	80480483	08048388	04820804	80880880
48048048	308C4E38	80481C80	48C429C8	08EC8804	51C80480	48308048	3880481C	00080480	88048048
30804834	804E1C80	48082152	AA847302	FFC000E2	40EC5888	08804804	83080083	48048188	04808808
80880480	483C8048	34804818	80480400	08C44E48	08F8C804	80483080	48348048	1C000804	80480880
48308048	3480481C	80480821	52AADA33	C2FFC000	E240EC5C	08088048	04830804	83480481	C8048088
08808804	80483C80	48348048	1C804808	1C8808EC	880851C8	04804830	80483480	481C0008	04808808
80483080	48348C88	1C804808	2152AAFF	E302FFC0	00E240EC	5C880880	48048308	04838804	81C80480
88088088	048C4830	80483880	481C8048	04000808	4E4808FB	C8048048	30804838	80481C00	08048048
04804830	80483880	481C8C48	082152AB	25A302FF	C000E240	EC5D0804	80480483	08048388	0481C804
80880880	48088C88	30804834	80481C80	480819C8	08EC8808	51C80480	48308048	3480481C	00080480
88088048	308C4834	80481C80	48082152	AB486302	FFC000E2	40EC5D88	08804804	83080083	480481C8
04808808	808E0480	48308048	3480481C	8048042C	48084E48	08F8C804	80483080	48348048	1C000804
80480880	483C8C48	3480481C	80480821	52AB7123	02FFC000	E240EC5E	08088048	04830804	83480481
C8048088	08808804	80483C80	08348008	1C804808	2C0808EC	880851C8	04804830	80483880	481C0008
04804804	80483080	48388048	1C804808	2152A896	D302FFC0	00E240EC	5E880480	48048308	04838804
81C80480	88C88048	04804830	80483880	481C8048	08184808	4E4804FB	C8048048	2C804834	80481C00
08048048	0880882C	80483480	481C8048	042152AB	BC9302FF	C000E240	EC5F0808	80480482	C8048348
0481C804	808EC880	88048048	2C804834	80481C80	48081D08	08EC8808	51C80480	482C8048	3480481C
00080480	88C88C48	2C804834	80481C80	48082152	ABE25302	FFC000E2	40EC5F88	08804804	82C80483
480481C8	048C4E08	80880480	48308048	3480481C	80480426	48084E48	08F8C804	80483080	48348048
1C000804	804E0880	88308C48	3480481C	80480821	52AC0813	02FFC000	E240EC60	08088048	04830804
83480481	C8048C88	08808804	80483080	C8388008	1C804804	230808EC	880851C8	04804830	80483880
481C0008	048C8808	80482C80	48348048	1C804808	2152AC2D	0302FFC0	00E240EC	08808880	480482C8
04834804	81C8C4E0	88C88C88	0480482C	80083480	481C8048	04368808	4E4808FB	C8048048	2C804834

8500C0C0	C8340CC7	B80007C0	00000000	00000008	340007B8	0007C400	00004320	769A4902	FFC000E2
40EC4240	000C0C00	834000C7B	80007C40	00000000	00000000	08340007	BC0007C4	00000008	C0008180
00CA4000	00C83C00	078C0C07	C4C03000	00000000	03300007	BC0007C4	00000043	20768FF9	02FFC000
E240EC42	30C0C000	00830C00	73C0007C	40000000	00000000	00083000	078C0007	C4000000	34C0007E
B000B500	00C00E30	00C78C00	C7C00000	00000000	00083000	078C0007	C0000000	432076E5	B902EFC0
0CE240EC	43C00000	00008340	0078C000	7C000000	00000000	00000834	00078C00	07C00000	002D4000
818000CA	40CC0C08	340007B8	00C7C000	00000000	00000834	00078800	07C00000	00432077	087902FF
C000E240	EC438660	00003083	400C7880	007C0000	00000000	00000008	34000788	0007C000	00000540
007E8000	85C0C000	08340007	BC0007C0	00000000	00000008	340007BC	0007C000	00004320	77313902
FFC000E2	40EC4400	000000C0	83000C7B	C0007C00	00000000	00000000	08300007	BC0007C4	00000026
00008180	00CA4000	00083000	C78C0007	C4000000	00000000	08300007	BC0007C4	00000043	207756F9
02FFC000	E240EC44	80000000	00E30000	7EC0007C	40000000	00000000	00083000	078C0007	C4000000
3EC0007E	B000E500	00000E30	00078C00	07C00000	00000000	00083000	078C0007	C0000000	4320777C
AS02FFC0	0CE240EC	45000000	00CC8300	0078C000	7C000000	00000000	00000834	00078C00	07C00000
00000000	818000CA	40000008	3400078C	0007C000	00000000	00000834	00078000	07C00000	00432077
A26962FF	C000E240	EC458660	00000E83	400C7880	067C0000	00000000	00000008	34000788	0007E660
00000000	007E8000	85000000	C3340007	B80007C0	00000000	00000008	3400078C	0007C000	00004320
77C82902	FFC000E2	40EC4600	00000000	8340007B	C0007C00	00000000	00000000	08300007	BC0007C0
00000000	00C08180	00CA4000	00083000	078C00C7	C0000000	00000000	08300007	B80007C0	00000043
2C77E0E9	02FFC000	E240EC46	80000000	08300000	7880007C	40000000	00000000	00083400	07880007
CA000000	0000007E	80008500	00000834	00078C00	07C40000	00000000	00083400	078C0007	C4000000
43207813	9902FFC0	00E240EC	47C00000	00008340	0078C000	7C400000	00000000	00000834	00078C00
07C00000	00000000	818000CA	40000008	3400078C	007C0000	00000000	00000834	00078800	07C00000
06432678	395502FF	C000E240	EC478660	00000083	40007880	067C0000	00000000	00000008	34000788
00C7C0CC	00CC1400	007E8000	25000000	C2340007	B80007C0	00000000	00000008	34000788	0007C000
00004320	7E5F1502	FFC000E2	40EC4800	C0000000	8340007B	C0007C00	00000000	00000000	08300007
BC0007C0	00000000	00C08180	00CA4000	00083000	078C0007	C0000000	00000000	08300007	BC0007C0
00000043	20788409	02FFC000	E240EC48	8C000000	00830000	7880007C	00000000	00000000	00083400
07880007	C4C0C000	00C80C7E	30C08500	C0000834	00078800	07C40000	00000000	00083400	078C0007
C4000000	432C7EAA	9902FFC0	00E240EC	45000000	00008340	0078C000	7C000000	00000000	00000834
00078C00	07C0C000	00000000	818000CA	40000008	3000078C	0007C000	00000000	00000834	00078C00
07C00000	00432078	004902							

RECORD 931 OF FILE 1
LENGTH = 7290 BYTES

[illegible]

APOLLO 14 LM/ALSEP

LARGE METEOROID IMPACTS ON TAPE

71-008C-04R

PSPG-00150

This data set has been restored. There were originally six 7-track, 800 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on an IBM 360 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005511	DS005511	D022535	1	04/13/71 - 01/04/72 (a)
		D022536	2	05/11/72 - 08/29/72 (b)
		D022537	3	08/29/72 - 07/04/73
		D022538	4	07/20/73 - 04/19/74 (c)
		D022539	5	05/22/74 - 11/21/74 (d)
		D022540	6	11/27/74 - 05/04/75 (e)

- (a) D022535: Read errors occurred in records 116, & 1362 of file 1.
- (b) D022536: Read errors occurred in records 920, & 1627 of file 1.
- (c) D022538: Read error occurred in record 160 of file 1.
- (d) D022539: Read error occurred in record 44 of file 1.
- (e) D022540: Read errors occurred in records 2, & 3 of file 1.

Refer to 69-099C-03R

//GO.DATAS DD *

IEF2331 ALLOC. FOR YZJRJLR7 GO
IEF2371 231 ALLOCATED TO PGM=*.DD
IEF2371 231 ALLOCATED TO FT05F001
IEF2371 231 ALLOCATED TO FT06F001
IEF2371 332 ALLOCATED TO FT07F001
IEF2371 231 ALLOCATED TO SYSPRINT
IEF2371 232 ALLOCATED TO SYSPRINT
IEF2371 331 ALLOCATED TO SYSPRINT
IEF2371 000 ALLOCATED TO FT08F001

RECORD 1 OF FILE 1
LENGTH = 18 BYTES

575565CF 01388000 0E01ECC0 0002152B

RECORD 2 OF FILE 1
LENGTH = 18 BYTES

575565CF 01388000 0E01ECC0 0002152B

RECORD 3 OF FILE 1
LENGTH = 7290 BYTES

21528052	43020000	00E240EC	68886486	48647388	687EC864	83486486	08608608	608607D8	8607EC88
08348648	64364864	62C864AC	48648647	348647EC	86483486	48648548	648647D8	8607E886	08348608
602152B0	78030200	0000E240	EC6C0860	8608607D	88647EC8	64834864	86486486	48648647	D88607EC
86083486	08603C08	606CC860	6EC86086	07D88607	EC860834	86086086	08608607	D885C7E8	85C83086
08642152	809DC302	000000E2	40EC6C88	68868864	7D88647E	88608308	60860860	86086486	47D88647
E8864830	86486400	086462C8	60AC0860	8607D886	07E88608	30864864	86486486	47D88687	E8865830
86486421	52B0C383	02000000	E240EC40	08608608	607D4860	7E886083	08648648	64864864	8647D486
07E88608	30860860	0008606C	C8606EC8	608607D8	8607EC86	08348648	64864864	8647D486	07EC8608
34860860	21528052	43020000	00E240EC	40C86986	86607D88	607E8860	83486086	48648648	648547D4
8647E886	48348648	602F8860	62C860AC	48608607	D48607EC	86083486	08608608	648647D4	8687E886
88348648	642152B1	0EF30200	0C00E240	EC410860	8608607D	88607E88	60830864	86486486	48648647
D88647E8	86483086	08600348	5C6CC85C	6F085C86	07D88607	E8860830	86086486	88688687	D48547E8
86483086	48602152	8134F302	000000E2	40EC41C8	60864864	7D48647E	88648308	6086085C	85C85C85
C7D485C7	E8860830	8648643C	886862C8	68AC486C	8687D886	87E88648	30860860	86086086	07D88607
E8860834	86086021	52B15A73	02000000	E240EC42	48608608	607D8860	7EC86483	48688688	64864860
8607D886	07EC8608	34860860	2708606C	86465708	648647D4	8647EC86	48348608	60860860	8607D486
07EC8648	34864864	21528180	23020000	00E243EC	42886486	48647D48	647E8864	83486486	48648648
608607D4	8607E886	08348608	60340864	62C864AC	08688687	D48687E8	86483486	086085C8	608607D4
8647E886	48348648	642152B1	A5E30200	0000E240	EC430860	8608607D	88607E88	60834860	86086086
08608647	D48647E8	86483486	48640008	646CC864	6EC86486	07D88607	E8860834	86086086	08608647
D88647E8	86483086	48642152	B1CBA302	000000E2	40EC4388	8646085C	7D885C7E	885C8308	5C85C85C
86086086	47D48647	E8868830	8688681F	486862C8	64AC4860	6607D885	C7E885C8	30860860	86086086
07D48647	EC864830	86486421	52B1F173	02000000	E240EC44	08608608	607D8860	7EC86483	08648648
60860860	8607D886	07EC8608	34860860	0C08606C	C8606F08	648647D8	8647E886	08348608	60860864
8647D886	47E88608	34860860	21528217	23020000	00E240EC	44860860	08607D48	607E8860	83486086
08608608	648647D8	8647E886	08348608	60358860	62C860AC	48608607	D48607E8	86083486	08608608
608607D4	8607E886	08348608	60215282	3C030200	0000E240	EC450864	8648647D	48647E88	60834860
86086086	8608607D	D48607E8	86083486	08600008	606CC860	6F086486	47D48687	E8868830	86486486
085C85C7	D88607E8	86083486	08602152	3262D302	000000E2	40EC4588	64864864	7D48647E	88608308
64864864	86486486	47D48607	E8860830	86086000	086062C8	60AC4860	8647D486	47E88648	34854860
86086086	07D48607	E8860834	86086421	52B28853	02000000	E240EC46	08648648	647D8864	7E886083
48648648	64864864	8647D886	87E88648	34864860	20C8606C	C85C5EC8	5C85C7D8	85C7E886	08348608
60864864	8647D486	07E88648	34864864	215282AE	03020000	00E243EC	48860860	08607D48	607E8860
83486086	08608608	6085C7D4	8607E886	08348648	64008864	62C860AC	48608607	D88607E8	86083486
08608608	608607D8	8647E886	88308688	642152B2	D3C30200	0000E240	EC470864	8648607D	48607E88
6083085C	85C86086	08608647	D48647E8	86483086	48601108	606CC860	6F086086	07D48607	E8860834
86086486	48648687	D48647E8	86483486	48602152	82F98302	000000E2	40EC4788	60860860	7D48607E
86083486	60860864	86886886	87D48647	E8864834	86086033	886C62C8	6AC0860	8607D486	07EC8608

Apello 14
71-008C-04R

10 22535
103 - 4

6E086C07	08707D48	6C7A086C	83C86C86	C86C8688	688687D4	86C7A087	08448708	6C3FC868	ABC86840
086C87C7	D487C7A0	87C84887	08708708	7086C7D4	8687A086	884886C8	6C016680	87280200	0000E240
EC68886C	86C86C7D	487C7A08	7084C870	86C86886	886C86C7	D486C7A0	86C83886	C86C3748	6C82486C
CE486C86	87D486C7	A0870834	87086C86	C86886C7	D48687A0	86883086	86880166	80ACE802	000000E2
40EC6C08	68868868	7D48687A	08688288	6886C86C	C7D486C7	A086C820	86C86C3C	486C86C8	486C86C8
6C400868	8687D486	87A08688	20868868	86886C86	C7D486C7	A0868820	86C86C01	6680D2AB	02000000
E240EC6C	886C86C8	6C7D086C	7A087082	48708708	7086C86C	8687D486	87A08688	28868868	00086882
4868CE48	6C86C7D4	8687A086	883086C8	7087086C	86C7D487	C7A08708	3487086C	016680F8	68020000
00E240EC	40086C86	C86C7D08	687A0868	83886886	886C8688	68647D48	8687A086	883C86C8	6C01086C
AEC86C40	086C86C7	D086C7A0	86C84086	C86C8708	708707D4	86C7A086	C84086C8	6C016681	1E180200
0000E240	EC40C86C	8688687D	486C7A08	6C84086C	86C86C86	C86C86C7	D48687A0	86883886	C86C2F88
6C82486C	CE487086	C7D486C7	A086C830	86C86C86	88686887	D486C7A0	87082C87	08700166	8143D802
000000E2	40EC4108	68864864	7D48687A	086C8288	7086C86C	86886886	87D486C7	A0870824	87057003
486C8BC8	6C40086C	86C7D486	879C8688	2486C86C	86C86886	87D48707	9C86C824	86C86C01	66816998
02000000	E240EC41	C87086C8	6C7D4868	7A086C82	886C86C8	6886C86C	86C7D486	87A08688	28858868
3C868682	486C2408	6C86C7D4	86C7A086	C82C86C8	6C868868	8687D086	C7A086C8	34868868	0165818F
48020000	00E240EC	42486C86	C8687D48	687A0868	83C86C86	C86C85C8	688687D0	8687A086	C84486C8
6C26C86C	ABC86C40	086C86C7	D48687A0	86884486	886C8708	7086C7D4	8687A086	C84086C8	70016681
85080200	0000E240	EC42886C	86C8687D	486C7A08	6C83C86C	86886886	886C86C7	D486C7A0	86883886
88683388	6882486C	CE486C86	C7D486C7	A086C834	86C86886	88688547	D48687A0	86882C86	C86C0166
81DAC802	000000E2	40EC4308	68868868	7D48687A	08688288	6886886C	86C86C86	C7D486C7	A086C820
86C86800	0868ABC8	68400868	86C7D486	C7A086C8	2086C86C	86886886	C7D08687	A0868824	86C86C01
66820088	02000000	E240EC43	886C86C8	6C7D086C	7A086C82	886C86C8	6C86C868	8687D086	879C8688
2C868868	20486C82	436CCE48	6C86C7D4	86879C86	C83086C8	6C868868	8687D486	C79C86C8	3486C86C
01668226	38020000	00E240EC	44086C86	C86C7D48	687A0868	83C86C86	C86C86C8	688687D4	8687A086
48408688	680D486C	ABC87D40	086C86C7	D48687A0	86884486	C86C86C8	688687D4	8687A086	C84486C8
68016682	48FB0200	0000E240	EC44886C	86C86C7D	486C7A08	6883C86C	86C87087	086C86C7	D48687A0
86C83486	C86C2BC8	6C824868	CE486C86	C7D486C7	A086C82C	86C86C86	C87086C7	D486C7A0	86882886
88680166	8271C802	000000E2	40EC4508	6806C86C	7D486C7A	08688248	68868868	86C86C86	87D48687
A086C820	86C86C00	0868ABC8	6840086C	8707D087	07A08708	2087086C	86C86C86	C7D086C7	9C858820
68886801	66829768	02000000	E240EC45	88688868	6C7D486C	79C86C82	886C86C8	6C86C86C	86C7D486
C7A086C8	3086C86C	00086882	4868CE48	688687D4	8687A086	883486C8	68868868	86C7D486	C7A08688
38868868	016682BD	2B020000	00E240EC	46086C86	C86C7D48	687A0868	84486C86	C8688688	688687D4
86C7A087	084C86C8	6C20C868	ABC86840	08688687	D486C7A4	86C85086	C86C86C8	6C86C7D4	86C7A086
88488688	68016682	E2B02000	0000E240	EC468868	8688687D	486C7A08	6C83C86C	86C86C86	C86C86C7
D486C7A0	86C83886	C86C0088	C8248686	CE486C86	C7D486C7	A086C830	86C86C86	C86C86C7	D48707A0
87082486	C86C0166	8308AB92	000000E2	40EC4798	6C86C870	7D48707A	086C8188	6C86C86C	86C86C86
C7D086C7	A086C814	86886C11	086CABC8	6C40086C	86C7D487	07A08708	18870870	86C86886	87D486C7
A086C81C	86C86C01	66832E58	02000000	E240EC47	886C86C8	6C7D4868	7A086882	486886C8	6C87D870
86C7D486	87A08688	30868868	34086882	4868CE48	6C86C7D4	86C79C86	C83C8688	68868868	86C7D486
87A08688	4486886C	01668354	18020000	00E240EC	48086C86	C8687D48	687A086C	84886C86	C8688688
6C8687D4	8687A086	884C8688	6831486C	ABC86C40	086C86C7	D486C7A0	86C8AC86	C86C86C8	6C86C7D4
86C7A086	C84486C8	68016683	79080200	0000E240	EC488868	86C8707D	486C7A08	6C83886C	86C87087
086C8687	D48687A0	86882C86	886C0048	6C82486C	CE486C86	C7D48687	A0868820	86C86886	C86C86C7
008687A0	86C81886								

RECORD 1366 OF FILE 1
LENGTH = 7290 BYTES

24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	4924						

APOLLO 15 LM/ALSEP

LARGE METEOROID IMPACTS ON TAPE

71-063C-01R

PSPG-00581

This data set has been restored. There were originally six 7-track, 800 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on an IBM 360 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005355	DS005355	D022541	1	10/20/71 - 01/04/72 (a)
		D022542	2	05/11/72 - 08/29/72 (b)
		D022543	3	08/29/72 - 07/04/73 (c)
		D022544	4	07/20/73 - 04/19/74 (d)
		D022545	5	05/24/74 - 11/24/74 (e)
		D022546	6	11/27/74 - 05/04/75

- (a) D022541: Read errors occurred in records: 57, 88, 112 of file 1.
- (b) D022542: Read error occurred in record: 210 of file 1.
- (c) D022543: Read error occurred in records: 210 of file 1.
- (d) D022544: Read errors occurred in records: 180, 416, 861 of file 1.
- (e) D022545: Read error occurred in record: 1560 of file 1.

Refer to 69-099C-03R

D-22541

5E8C1C43	9C02FFC0	0CE240EC	6187F47F	47F47EC7	F47D87F4	7B47F47F	47F47F47	F4FFC7E0	7F47D87F
47B47F47	F4C187F4	3A87F47D	C7F47F07	E07F07DE	7F47B000	07F87F87	F87F87E0	7F47D87F	47E07F07
F05E8C1C	654C02FF	CC0CE240	EC62C7F4	7F47F47E	C7F47D87	F47B07F4	7F47F47F	47F4FFC7	E47F47D8
7F47AC7F	7F47A00C	F42CE7F4	67C7F47F	47F47F47	DE7F47AC	0007F07F	07F07F47	E47F07D8	7F07AC7F
07F05E8C	1C8F1C02	FFC000E2	40EC62B7	F47F47F4	7E47F47D	87F47AC7	F47F47F4	7F87F8F8	C7E47F87
D87F47AC	7F47F421	F7F43A87	F27CC7F8	F7F47E47	47D87F47	800007F4	7F47F47F	47E07F07	D87F07B0
7F07F45E	8C1CB4CC	02FFC000	E240EC63	07F47F47	F07E07F0	7D87F07B	07F07F07	F47F47E4	FFC7E07F
07D87EC7	EC7F07F0	0C47F020	87F4C7C7	F47F47EC	F47D787F	F07D787F	07F07F07	F07E07F0	07C87F07
B47F07F0	5E8C1C4A	EC02FFC0	00E240EC	6387F07F	47F87E07	F87D87F4	7B47F47F	47F47F47	F4FFC7E4
7F47D87F	47B47F47	F40507F8	3A87F87D	C7F47F47	E47F4708	7F47B000	07F47F87	F87F47E4	7F47D87F
47B07F47	F45E8C1D	CC4C02FF	C00CE240	EC6407F8	7F87F87E	47F47D87	F07B07F0	7F07F07F	47F4FFC7
E47F47D8	7F07B07F	C7F01E47	F02CE7F4	67C7F47F	47E47F47	D87F47E0	0007F47F	07F07F47	E47F47D8
7F47B7C7	47F45E8C	1C25F0C2	FFC00CE2	40EC6487	F47F87F8	7E47F47C	87F47AC7	F47F47F4	7F87F8FF
C7E47F47	087F47AC	7F47F000	07F43A87	E47DC7F4	7F47E47F	47D87F47	AC0007F8	7F87F47F	07E07F07
D87F07AC	7F07F45E	EC1C48B8	02FFC000	E240EC65	07F47F47	F47E07F4	7D87F47B	07F47E47	E47F47E0
FFC7E07F	07D87F07	EC7F47F8	1807FE20	87F867C7	F27F47E0	7F07D87F	07B40007	F47F47F4	7FE7E07F
47D87F47	B47F47F4	5E8C1C71	7C02FFC0	00E240EC	6E87F87F	C7F87E07	F87D87F4	7B47F47F	47F47F47
F4FFC7E0	7F47D87F	47B47F47	F40CC7F4	3A87F47D	C7F47F07	E07F07D8	7F47B000	07F87F47	F47F07E4
7F07D87F	07B07F07	F45E8C1D	S72C02FF	C00CE240	EC6607F4	7F47F47E	47F47D87	F07B07F4	7F47F87F
87F8FFC7	E47F07D8	7F07EC7F	C7FCC547	F02C87F4	67C7F47F	47E47F47	DC7F47AC	0007F07F	07F07F47
E47F47DC	7F47AC7F	47F45E8C	1DBCEC02	FFC000E2	4CEC6687	F47F47F0	7E47F07C	87F47B07	F47F47F8
7F87F4FF	C7E47F07	D87FC7B0	7F07F408	47F83A87	F27DC7F8	7F87E47F	87D87F87	B00007F4	7F47F47F
87E07F87	D87F87B0	7F87F8E5	8C1DE2AC	02FFC000	E240EC67	07F87F47	F47E07F4	7D87F47B	07E47E47
F47F47F4	FFC7E07F	47D87F47	B07F47F4	0587F420	87F467C7	F47F47E0	7F47D87F	47AC0007	F47F07F0
7EC7E07F	C7D87F07	AC7F47F8	5E8C1E08	6C02FFC0	00E240EC	6787F87F	47F07E07	F07D87F0	7AC7F07F
47F87F87	F4FFC7E4	7F07DE7F	07AC7F07	E41E87F4	3A87F87D	C7F87F47	E07F47D8	7F47B000	07F07F47
F47F47E4	7FC7D87F	C7B7C7F0	F45E8C1E	F2E2C02FF	C00CE240	EC6807F4	7F47F47E	47F07D87	FC7B07F0
7F07F47F	47F4FFC7	E47F47D8	7F07B0C7	C7F00E87	F2C087F0	67C7F47F	47E47F47	D87F87B4	0007F47F
C7F07F07	E47F47C8	7F47B47F	47F45E8C	1E53DC02	FFC00E02	40EC6887	F47F47F4	7E47F47D	87F47B07
F47F47F4	7FC7F0FF	C7E47F47	D87F47B0	7F47F81D	87F83A87	F87DC7F8	7F47E07F	47D87F07	B00007F4
7F47F47F	47E07F07	D87FC7B0	7F07F45E	8C1E799C	02FFC000	E240EC69	07F47F87	F87E07F4	7D87F47B
07F47F47	F87F87F8	FFC7E07F	47D87F07	AC7F07FC	03C7F420	87F467C7	F47F47E0	7F07D87F	07AC0007
F87F87F4	7F47E07F	C7D87F07	AC7F07F0	5E8C1E9F	SC02FFC0	00E240EC	6987F47F	47F47E47	F47D87F4
7AC7F07F	C7F07F07	F0FC7E47	F07D87F4	07AC7F07	F0C9C7F4	3A87F47D	C7F47F47	E47F47D8	7F47B000
07F47F47	47F47E47	7F07D87F	07B7C7F4	F45E8C1E	C51C02FF	C00CE240	EC6A07F4	7F47F47E	07F07D87
F07B47F4	7F47F47F	47F4FFC7	EC7FC7D8	F07B87F4	47F80087	F82087F8	67C7F87F	E47E07F0	D87F07B4
0007F47F	47F87F87	EC7F47D8	7F07B47F	07F05E8C	1EEAD0C2	FFC000E2	40EC6A87	F47F47F4	7E07F47D
87F47B07	F47F47F4	C7E47F47	D87F47B0	7F47F47E	7F47F400	07F83A87	F87DC7F8	7F47E07F	47C87F47
B00007F4	7FC7F07F	47E07F47	D87F47B0	7F47F45E	8C1F108C	02FFC000	E240EC6B	07F87F87	F87E47F4
7D87F47A	C7C7F07F	F47F47F4	47D87F47	AC7F47F4	47F87F47	0447F820	87F867C7	F47F47E4	7F47D87F
47AC0007	F47F47F4	7F47E47F	07D87F07	AC7F07F4	5E8C1F36	4C02FFC0	00E240EC	6887F47F	47F47E47
F47D87F4	7AC7F47F	47F47F47	F47F47F4	F47F47F4	F411C7F4	3A87F47D	C7F47F07	C7F47F07	E47F47D8
7F47B000	07F87F87	F47F47E4	7F47D87F	47B07F47	F45E8C1F	SC0C02FF	C00CE240	EC6C07F4	7F87F87E
47F87D87	F47E47F4	7F47F47F	47F87F87	E47F87D8	7F87B47F	47F413A7	F42087F4	67C7F47F	E47E47F8
D87F87B4	00C7F47F	47F47F07	EC7F47D8	7F47B07F	47F45E8C	1F81CC02	FFC000E2	40EC6C87	F47F47F4
7E07F47D	87F47B07	F47F47F4	7F47F4FF	C7E07F07	D87F07B0	7F47F400	07F43A87	F47DC7F4	7FC7E07F
C07D87F4	AC0007F4	7F47F47F	47E07F47	D87F47AC	7F47F45E	8C1FA77C	02FFC000	E240EC40	07F47F47
F47E07F4	7D87F47A	C7F87F87	FC7FC7F8	FFC7E47F	C7D87EC7	AC7F07F4	0007F820	87F867C7	FC7F87E4
7F47D87F	7F47D87F	F47F47F0	7EC7E47E	C7D87E47	8C7F07F4	5E8C1F0D	3C02FFC0	00E240EC	40C7F87F
47F07E47	F07D87EC	7EC7EC7F	07F07F47	F47FC7E4	7FC7D87F	07B07F07	F02FC7F4	3A87F47D	C7F47F07
E47F07D8	7FC7B000	07F47F47	F87F87E0	F7F8D87F	47B07F47	F45E8C1F	F2FC02FF	C00CE240	EC4107F4
7F47F47E	07F47D87	F47B07F4	7F47F47F	47F4FFC7	EC7F07D8	7F07B07F	07F40347	F42087F4	67C7F07F
07E07F07	D87F47B0	0007F47F	47F07F07	EC7EC7D8	7EC7B07F	07F45E8C	20188C02	FFC000E2	40EC4187
F47F47F0	7EC7F07C	C7F07B07	F07F47F8	7F87F87F	C7E07F07	D87F07AC	7EC7F03C	87F03A87	F47DC7F4
7F47F07F	47D87F47	AC00C7F4	7F47F47F	47E07F87	D87F87AC	7F87F45E	8C203E6C	02FFC000	E240EC42
47F07F07	F07E47F4	7C87F47B	C7F47F47	F07F07F0	FFC7E47F	07D87F07	B07F07F0	0407F420	87F467C7
F47F47E4	7F47D87F	C7B00007	F47F47F4	7F47E47F	C7D87F07	B07F07F0	5E8C2064	C02FFC00	00E240EC
42C7F47F	47F47E47	F47C87F4	7B07F47F	47F47F47	F47F47F4	7F87D87F	87B07F87	F833C7F8	3A87F87D
C7F87F47	E47F47D8	7F47B000	07F87F87	F87F47E0	7F47F47F	47F47FC7	F45E8C20	89EC02FF	C00CE240
EC4307F4	7F47F07E	C7F07D87	FC7B47F4	7F47F47F	47F47F47	EC7F47D8	7F07AC7F	07F00007	F42087F4
67C7F47F	47E07F47	D87F47AC	0007F47F	47F47F47	07F07F07	7F47F4FF	C7E07F47	20AFAC02	FFC000E2
40EC4387	F87F87F8	7E07F47D	87F47AC7	F07F07FC	7F47F87F	87E07F87	D87F47AC	7F47F405	87F43A87
F47DC7F4	7F47E07F	47D87F47	B00C07F4	7F47F87F	F47F47F0	F47F87F8	7F47F45E	8C20D58C	02FFC000
E240EC44	07F47F47	F47E47F4	7D87F47B	C7F47F47	F47F87F8	FFC7E47F	47D87F47	B07F07F0	2DC7F420
87F467C7	F47F47E4	7F47D87F	47B00007	F47F47F0	7F07E47F	07D87F07	807F07F4	5E8C20F8	1C02FFC0
00E240EC	4487F87F	4487F87F	F47D87F4	7B07F07F	C7F07F07	F0FC7E47	7F47D87F	47B07F87	F43887F4
3A87F47D	C7F07F07	EC7F47D8	7F47B000	07F47F47	F47F07F0	7F07D87F	07B07F47	F45E8C21	20DC02FF
C00CE240	EC4507F4	EC4507F4	7F47FC7E	07F07D87	F07B07F4	47F4FFC7	E07F07D8	7F07B07F	47F43207
F82087F8	67C7F87F	47E07F47	087FC7B0	0007F07F	0007F07F	E07F87D8	7F47B07F	07F05E8C	21469C02
FFC000E2	40EC4587	F47F47F8	7E07F87D	87F87AC7	87F87AC7	F47F47F0	C7E47F47	D87F47AC	7F47F404
87F43A87	F47DC7F4	7F47E47F	47D87F47	47D87F47	7F07F07F	07E47F47	D87F47AC	7F47F45E	8C216C5C
02FFC000	E240EC46	C7F47F47	F47E47F4	7D87F47E	C7F47F47	FFC7E47F	FFC7E47F	47D87F07	807F07F4
0007F420	E7F667C7	F87F87E4	7F47D87F	47B400C7	F87F87F8	7F87E47F	47D87F07	B47F07F0	5E8C2192
0C02FFC0	00E240EC	4687F47F	87F47E47	F47D87F4	7E47F07F	07F07F07	F0FFC7E4	7F07D87F	07B07F47
F40007F4	3A87F07D	C7F07F07	E47F07D8	7F47AC00	07F47F47	07F47F47	7F07D87F	07AC7F07	F05E8C21
87CC02FF	C00CE240	EC47C7F0	7F07F07E	07F07D87	FC7AC7F0	0007F47F	47F4FFC7	E07F47D8	7F47B07F
47C00007	F42087F4	67C7F47F	87E7F87F	D87F47B0	0007F47F	07F07F07	E07F47D8	7F47B07F	47F45E8C
21DC8C02	FFC000E2	40EC4787	F47F87F8	7E07F47D	87F47AC7	F47F47F4	7F47F4FF	C7E47F47	D87F07AC
7F07F012	47F43A87	F47CC7F8	7F87E47F	47D87F47	47D87F47	7F07F47F	47E47F07	D87F07B0	7F07F07F
8C22034C	02FFC000	E240EC48	07F47F47	F47E47F4	7D87F47B	07F47F87	F87F87F4	FFC7E47F	07D87F07

71-683-018

<

APOLLO 16 LM/ALSEP

LARGE METEOROID IMPACTS ON TAPE

72-031C-01R

PSPG-00081

This data set has been restored. There were originally five 7-track, 800 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on a 360 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005313	DS005313	D022547	1	05/11/72 - 08/29/72
		D022548	2	08/29/72 - 07/04/73 (a)
		D022549	3	07/20/73 - 04/19/74
		D022550	4	05/24/74 - 11/21/74 (b)
		D022551	5	11/27/74 - 05/04/75 (c)

- (a) D022548: Read error occurred in record 664 of file 1.
 (b) D022550: Read errors occurred in records 223, 228, 232, 235, 237, 239, 241, 244, 246, 250, 253, 1446 of file 1.
 (c) D022551: Read error occurred in record 1665 of file 1.

Refer to 69-099C-03R

IEF2651 VOL SER NOS= K3SCR3.
IEF2651 SYS7610C.T163658.RV000.YZJRJLR3.S0000109 DELETED

IEF2651 VOL SER NOS= K3SCR3.

IEF3731 STEP /LINK / START 76100.1717

IEF3741 STEP /LINK / STOP 76100.1719 CPU 0MIN 01.555EC MAIN 130K LGS OK

- STEP 02 - RETURN CODE = 0000

STEP TIME =

.20 MINS=(CPU=

.02,IO=

.18)

IO IN SECS. DISK= 10.42,DRUM= .56,TAPE= .00,CEL= .00,OTHR= .18
XXGO EXEC PGM=*.LINK.SYSLMCD,CCND=(4,LT),REGION=70K 00000230
XXFT05F001 CC DCNAME=CATAS 00000240
XXFT06F001 DD SYSOUT=CCUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=6BLKSIZE) 00000250
IEF6531 SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265)
XXFT07F001 DC SYSOUT=E,DCB=(RECFM=FB,BLKSIZE=7280,LRECL=80) 00000260
XXSYSPRINT DD SYSOUT=CCUT,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.FTC8F001 DD UNIT=7TRACK,DISP=(CLC,KEEP),LABEL=(01,BLP.,IN),

CCB=(BLKSIZE=32000,RECFM=U,DEN=2,TRTCH=C),

// VCL=SER=JJ0021

//GO.DATAS DC *

IEF2361 ALLOC. FOR YZJRJLR3 GO

IEF2371 232 ALLOCATED TO PGM=*.DD

IEF2371 231 ALLOCATED TO FTC5F001

IEF2371 331 ALLOCATED TO FTC6F001

IEF2371 331 ALLOCATED TO FTC7F001

IEF2371 232 ALLOCATED TO SYSPRINT

IEF2371 231 ALLOCATED TO SYSPRINT

IEF2371 331 ALLOCATED TO SYSPRINT

IEF2371 000 ALLOCATED TO FTC8F001

RECCRD 1 OF FILE 1

LENGTH = 18 BYTES

2AAB0FF3C1

575565CF 0138E400 1001EDC0 0002AAB0

4E291D2B2

RECCRD 2 OF FILE 1

LENGTH = 18 BYTES

575565CF 0138E400 1001ED00 0002AAB0

RECCRD 3 OF FILE 1

LENGTH = 7290 BYTES

2AAB0FF3 C02FFC0 00E240EC 5307C47C 07B87EC7 BC7D07BC 7C47C07B C7C07C47 CC7D07EC 7CC7D07C
47C87BC7 B800C7BC B4C7BCC8 87C07C87 EC7CC7D0 7CC7C800 07C07C47 C87C87EC 7B87D47B 47C87BC7
C42AAB10 198B02FF C000E240 EC5387CC 7C87C87E C7C87D87 C87C87C4 7C07C07B C7B87B87 EC7BC7D8
7CC7C87D 87D8C0C7 D065C7C4 8487BC7C 07EC7C07 D87BC7C4 0007B47B 87C47D07 EC7D47D8 7CC7C47C
C7B82AAB 103F4B02 FFC000E2 40EC5407 C07C47C4 7EC7C47D 87C47C47 C47C47C8 7CC7C87C 07EC7B87
DE7B87C4 7BC7C034 07C4B4C7 C8C887CC 7C87EC7C 47D87C47 C40007C4 7C07BC7B 87EC7BC7 D87C47C8
7CC7D02A AB10650B C2FFC000 E240EC54 87C87C07 8C7EC7C0 7D87C07C 47B87BC7 B87BC7C4 7CC7EC7D
47D47D07 C47C87BC 0047B865 C7BC8487 C07C07EC 7C07C07C 07C40007 C47C47C8 7C47EC7B C7D07BC7
C87BC7C0 2AAB1C8A B802FFC0 00E240EC 5507C47C 47C47EC7 C87D07CC 7C87C87C 07BC7BC7 C07C07EC
7C07D07C 47C87C87 C40E07C0 B4C7BCC8 87C07C47 EC7C47D0 7C07C800 07B07B47 C07C87F0 7C87D47C
47C87C47 C42AAB10 B07E02FF C000E240 EC5587BC 7B87BC7F 07B87D87 BC7C87C0 7CC7D47D 47C87BC7
EC7B87D8 7BC7C87C 07CC08C7 C065C7C0 8487C47C 47EC7C07 087C07C8 0C07C87C 87C07BC7 EC7C07DC
7CC7C87C C7CE2AAB 10D63B02 FFC000E2 40EC5607 C87CC7CC 7EC7C47D 87C07C47 8C7BC7BC 7BC7C07C
E7EC7D07 D87CC7C4 7C47C03D 87C4E4C7 C4C887C0 7B87EC7B 47D47B47 C40007C4 7C87C87C C7EC7C87
C47C47C4 7C07C02A AB10F8F8 02FFC000 E240EC56 87BC7BC7 BC7EC7C4 7D87CC7C 47D07CC7 C47C07C0
7EC7EC7B C7D07BC7 C47BC7C4 0007C865 C7C88487 C87CC7EC 7C87D07C C7C40007 B87BC7C0 7C47F07C
87D07CC7 C47C87C4 2AAB1121 AB02FFC0 00E240EC 5707C47C 47C07EC7 BC7D47BE 7C47BC7C 07C47CC7
CC7C87EC 7C87D47C 87C47C47 C00E47C0 B4C7BCC8 87BC7BC7 EC7EC7D8 7C07C800 07CC7CC7 C47C07EC
7C47C87C 47C47BC7 B82AAB11 476B02FF C000E240 EC5787C0 7C87CC7E C7CC7D87 C87C87C0 7C07C07C
C7C07C07 EC7C07D8 7C07C47C 07C40CC7 C465C7C4 8487CC7C 07EC7BC7 087BC7C8 0007C07C 47C87CC7

92-051C-01A

<

4E327E3B	F5C241C0	00E240EC	4B87A47A	C7AC8247	A8B3C7A8	7107AC7A	87AC79C7	A07AC818	7B08407A
C7107A87	A00107A0	0007A0FF	C7A47A48	0C7A4848	7A471400	07A47A07	A07AC804	7AC84C7A	C7187AC7
A44E327E	61C9026C	C000E240	EC4C07A0	7A47A881	47A88407	A87187A8	7A479C79	87A07A88	307AC824
7A87187A	47AC0157	A733C79C	FFC77C7A	C8507A48	0C7A8718	0007A87A	47A07A08	6C7B07F8	7B07187A
87A44E32	7E877902	524000E2	40EC4C87	A87A87A8	8807A47F	47A47187	A87A87A4	7A47A87A	C88C7A87
F74A8714	7A47A400	07A40007	A8FFC7A8	7A48907A	08007A07	140007A8	7A87A079	C88B7AC8	147B0710
7E07A84E	327EA029	02508000	E240EC4D	C79C7A07	A88787B0	8287B071	07AC7A47	A079C7A0	7A48687A
88387A87	107A47A4	2687A036	87A0FFC7	A07A4853	7A48447A	87100007	A87A47A0	7A484C7B	084C7B07
107A87A4	4E327E92	E9025700	00E240EC	4D87A07A	07A88447	A88487AC	7147A87A	479C79C7	A47A8844
7AC8407A	C7147AC7	A420479C	00079CFF	C7A07A83	4C7A8834	7A871800	07A47A47	A47A8858	7A48287A
47187A47	A44E327E	F3A90249	0000E240	EC4E07A0	7A07A486	47A88137	AC7187AC	7A47A07A	07A07A88
787A8810	7A87187A	47A40EC7	A03907A0	FFC7A07A	48947A48	087A471C	0007A87A	47A07A48	B87AC80C
7AC71C7A	87AC4E32	7F1E5902	4F4C00E2	40EC4E87	A07A07A4	8DC7A881	47A871C7	A87A47A0	7A07A47A
88E47A88	2C7A871C	7A87A400	07A40007	A0FC7A44	7A49047A	48307A47	180007A8	7A47A07A	09047A88
3C7AC718	7A87A44E	327F4419	02380000	E240EC4F	07A07A47	A88FC7AC	8447A871	87A47A47	A07A07A0
7A48EC7A	484C7A87	187A87A4	26C7A038	C7A0FFC7	A47A88D8	7A88487A	87130007	A87A87A4	7A48C07A
C8447AC7	187A87A4	4E327F69	D90241C0	09E240EC	4F87A07A	47AC8AC7	AC83C7AC	7187A87A	47A07A47
A87AC898	7AC8307A	87187A47	A42037A0	0007A0FF	C7A47A48	8C7A4824	7A471800	07A87A47	A07A0888
7AC8207A	C7187A87	A44E327F	8F99026C	0000E240	EC50079C	7A07A888	87AC81C7	AC7187A8	7A079C7A
07A47A88	9C7AC81C	7AC7167A	87A40007	A039079C	FFC7A47A	88A07A58	207A8718	0007A87A	47A07A48
B07AC824	7AC71E7A	87A44E32	7F855902	D2C000E2	40EC5087	A07A47A8	8C07AC82	C7AC71C7	87A07A7A
7A07A47A	83CC7A88	347A371C	7A87A40D	C7A00007	A0FFC7A8	7A88D47A	88387A47	1C0007AC	7AC7A47A
08D87A88	407AC71C	7A87A44E	327FDB09	0250C000	E240EC51	079C7A47	A88D97AC	3447AC71	C7A87A47
A07A07A4	7A88D07A	C8447AC7	187A87A4	0F07A038	C7A0FFC7	A47A88C8	7A88407A	87180007	A87A47A0
7A48BC7A	C83C7AC7	147A47A0	4E328000	C90257C0	00E240EC	5187A07A	47A48807	A84347A8	7147A87A
47A07AC7	A47A88A0	7A83307A	87147A87	A43547A0	00079CFF	C7A07A48	987A482C	7A471400	07A47A47
A07A0894	7A482E7A	87147A87	A44E3280	26890249	0000E240	EC52073C	7A07A489	07A85287	A87147A4
7A079C79	C75C7A48	947A8828	7AC7147A	87A40C47	A039079C	FFC7A07A	48987A48	2C7A4714	0007A47A
079C79C8	A07A8830	7AC7147A	87A44E32	80C4C392	4F0000E2	40EC5237	A07A07A8	8A87A883	47A87187
A87A47A0	7A07A47A	88B07A83	387A8718	7A47A436	07A0C007	A0FFC7A4	7A48887A	48387A07	180007A4
7A47A47A	488C7A88	387A8718	7A87A44E	328071F9	0238C000	E240EC53	07A47A47	A88BC7A8	83C7A471
87A47A47	A47AC7A0	7A08387A	433C7A87	187A87A4	00C7A439	07A0FFC7	A47A88B0	7A48387A	47180007
A87A47A0	7AC8A87A	83387AC7	187A37A4	4E328097	890241C0	00E240EC	5387A47A	47A88A07	AC8347A8
7147A47A	07AC7A07	A47A4898	7A83307A	87147A87	A400C7A0	0007A0FF	C7A47A88	937A482C	7A471000
C7A47A47	A07A088C	7A482C7A	87107A87	A44E3280	BD79026C	C000E240	EC5407A0	7A07A488	C7A88307
A87107A4	7AC79C79	C79C7A48	8C7A3830	7AC7147A	C7A40047	A039079C	FFC7A07A	488C7A88	347A8714
0007A47A	07A07A08	907AC834	7AC7147A	87A44E32	80E32902	524000E2	40EC5487	A07A47A8	8947AC83
47A87187	A47A07A0	7A07A07A	48987A88	347AC718	7A87A800	87A00007	A0FFC7A4	7AC89C7A	88347A47
180007A4	7A47A47A	C39C7A48	347A4718	7A87A44E	328108E9	02508000	E240EC55	07A07A47	A88A07A8
8387AC71	87A87A47	A07A07A4	7A88A07A	88387A87	187A47A0	1FC7A039	07A0FFC7	A47A889C	7A48387A
87140007	A87A87A4	7A48987A	C8387AC7	147A87A4	4E32812E	A9025700	00E240EC	5587A07A	47A88947
AC8347A8	7147A47A	47A07A37	A47A488C	7A83307A	C7147A87	A40CC7A0	0007A0FF	C7A47A88	887A4830
7A471400	07A47A47	A07A0884	7A48307A	87147A87	A44E3281	54690249	0000E240	EC56079C	7A07A888
47AC8307	AC7147A8	7AC79C79	C7A07A88	8C7AC330	7AC7147A	87A40047	9C39079C	FFC7A07A	48807A88
307AC714	00C7A87A	07A07A08	807AC830	7AC7147A	87A04E32	817A1902	4F4000E2	40EC5687	A07A47A8
8807AC83	47AC7147	A37A47A0	79C7A07A	88807AC8	347AC714	7AC7A400	07A00007	9CFFC7A4	7A48807A
48347A47	140007A4	7AC7A07A	C8847A83	347AC714	7AC7A44E	32819FD9	02380000	E240EC57	079C7A07
A88847A8	8337A871	47A37A47	A07A07A4	7A48847A	88387A87	147A47A0	0FC7A039	079CFFC7	A07A4884
7A88387A	87140C07	A87A07A0	7A48847A	C8347AC7	147A87A0	4E3281C5	990241C0	00E240EC	57879C7A
07A88807	AC8307AC	7147A87A	479C79C7	A47A8880	7AC82C7A	C7147A87	A411C79C	00079CFF	C7A47A88
7C7A8830	7A471400	07A47A47	A07A0878	7A48307A	87147A87	A84E3281	EB59026C	0000E240	EC5807A0
7A07A487	47A88347	AC7147A8	7A47A07A	07A07A48	707A8834	7A87187A	87A40F07	A03907A0	FFC7A47A
486C7A48	347A4714	00C7A87A	47AC79C8	6C7A4834	7A87187A	87A84E32	82110902	D2C000E2	40EC5887
9C7A07A8	86C78C83	47AC7147	A87A87A4	7A07A47A	886C7AC8	347AC714	7A87A40F	C7A00007	A0FFC7A4
7A88707A	48387A47	140007A4	7A47A47A	08747A43	3C7A4718	7A87A44E	328236C9	0250C000	E240EC59
07A07A47	A88787A8	8447A871	87A87A47	A07A07A0	7A48737A	88447A87	187A47A4	32C7A039	07A0FFC7
A07A487A	7A48347A	47140007	A87A47A0	7A086C7A	88207AC7	107AC7A8	4E32825C	890257C0	00E240EC
5987A07A	47A88647	AC80C7A8	7107A47A	47A07A07	A07A485C	7A87FC7A	C70C7A87	A41807A4	0007A4FF
C7A87A88	547A47FC	7AC70C00	C7A47A87	A47A4850	7A47FC7A	47107A47	A44E3282	82390249	0000E240
EC5A07A4	7A87A884	C7A83047	A47147A4	7A47A47A	07A07A48	47A88107	7AC7147A	C7A43847	A039079C
FFC7A07A	485C7A88	1C7A8718	0007A47A	C7A07A08	587A8828	7A871C7A	47A04E32	82A7F902	4F0000E2
40EC5A87	A07A07A4	85C7A833	47A371C7	A87A47A0	7A07A47A	88607AC8	337A871C	7A47A40E	07A00007
A0FFC7A4	7A48647A	083C7A07	1C0007A4	7A47A47A	08647A48	387A871C	7A87A44E	3282CDB9	02380000
E240EC58	C7A07A47	A88647A8	8347A871	87A47A47	A07A07A0	7A48607A	38287A87	187A47A0	2807A039
079CFFC7	A07A485C	7A882C7A	87140007	A87A47A0	7A08587A	C8147AC7	107A87A4	4E3282F3	790241C0
00E240EC	58879C7A	07A88507	AC80C7AC	7107A87A	47A079C7	A07A884C	7AC8087A	C7107AC7	A80007A0
C0079CFF	C7A47A88	437A380C	7A871400	07A47A47	A07A0844	7A88107A	C7147A87	A44E3283	1929026C
C000E240	EC5C079C	7A07A884	47AC81C7	AC7147A8	7A47A07A	07A47A88	447AC824	7AC7187A	87A40D87
A03907A0	FFC7A47A	C8447AC8	2C7A8718	0007A87A	47A47A48	447AC830	7AC71C7A	479C4E32	833EE902
5240C0E2	40EC5C87	9C7A07A8	8487AC83	47AC7187	AC7A47A0	7A07A07A	88437A88	347A8718	7A87A400
C7A00007	9CFFC7A0	7A434C7A	48307A47	180007A4	7A47A07A	084C7A88	2C7AC714	7A87A44E	328364A9
02508000	E240EC50	0A07A447	A884C7AC	8247AC71	47A87A47	A079C7A0	7A434C7A	881C7AC7	147A87A4
11079C39	079CFFC7	A07A884C	7AC8187A	C7140007	A87A47A0	7A08487A	C8187AC7	147A87A4	4E32838A
69025700	00E240EC	5087A07A	47A88447	AC8187AC	7147A87A	479C79C7	A07A8340	7AC8187A	C7187A87
A42C07A0	C007A0FF	C7A47A88	3C7A881C	7A471800	07A47A47	A47A483C	7A48207A	471C7A47	A44E3283
B0190249	00C0E240	EC5C79C7	7AC7A483	87AC8247	AC71C7A8	7A47A079	C7A07A48	387A8828	7A871C7A
87A428C7	A039079C	FFC7A47A	48347A88	2C7A8718	0007A47A	07A07A48	387AC82C	7A87197A	47A44E32
8305D962	4F4000E2	40EC5E87	A07A07A4	8387A882	C7A87147	A87A47A4	7A07A47A	48387A88	287A8710
7A87A411	07A0C070	A0FFC7A4	7A483C7A	48247A47	1C0007A4	7A07AC79	C83C7A88	1C7AC710	7AC7A84E
3283F599	02380000	E240EC5F	C7A07A07	A883C7A8	31C7A871	07A47A07	A079C7A0	7A483C7A	881C7AC7

APOLLO 12 LM/ALSEP

HIGH FREQUENCY TELESEISMS ON TAPE

69-099C-03S

PSPG-00598

This data set has been restored. There were originally two 7-track, 800 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on an IBM 360 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005389	DS005389	D022552	1	04/17/71 - 07/11/71
		D022553	2	01/02/72 - 01/13/75 (a)

- o (a) D022553: Read errors occurred in records 34, 54, & 1031 of file 1.

Refer to 69-099C-03R

```

IEF2851 VOL SER NOS= K3SYS6.
IEF2851 SYS1.ALGLIB
IEF2851 VOL SER NOS= K3SYS6.
IEF2851 SYS76043.T091706.RV000.YZJRJLR3.L0DMOD
IEF2851 VOL SER NOS= K3SCR3.
IEF2851 SYS76043.T091706.SV000.YZJRJLR3.R0000581
IEF2851 VOL SER NOS= K3SCR3.
IEF2851 SYS76043.T091706.SV000.YZJRJLR3.R0000582
IEF2851 VOL SER NOS= K3SCR3.
IEF2851 SYS76043.T091706.RV000.YZJRJLR3.R0000583
IEF2851 VOL SER NOS= K3SCR2.
IEF2851 SYS76043.T091706.RV000.YZJRJLR3.S0000584
IEF2851 VOL SER NOS= K3SCR3.
IEF2851 SYS76043.T091706.RV000.YZJRJLR3.S0000584
IEF2851 VOL SER NOS= K3SCR3.
IEF3731 STEP /LINK / START 76043.1222
IEF3741 STEP /LINK / STOP 76043.1230 CPU 0MIN 01.99SEC MAIN 130K LCS OK
- STEP 01 - RETURN CODE = 0000

```

```

STEP TIME = .21 MINS=(CPU=.03,IO=.18)
IO IN SECS. DISK= 10.47,DRUM=.56,TAPE=.00,CELL=.00,OTHR=.16
XXGO EXEC PGM=*.LINK.SYSLMOD,COND=(4,LT),REGION=70K
XXFT05F001 DD DDNAME=DATAS
XXFT06F001 DD SYSOUT=6OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE)
IEF6531 SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265)
XXFT07F001 DD SYSOUT=5,DCB=(RECFM=FB,BLKSIZE=7265,LRECL=80)
XXSYSPRINT DD SYSOUT=6OUT,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.FT08F001 DD UNIT=7TRACK,DISP=(OLD,KEEP),LABEL=(01,ELP,.IN),
// DCB=(BLKSIZE=32000,RECFM=U,DEN=2,TRTCH=C),
// VOL=SER=JJ0024
//GO.DATAS DD *
//

```

```

IEF2361 ALLOC. FOR YZJRJLR3 GO
IEF2371 232 ALLOCATED TO PGM=*,DD
IEF2371 231 ALLOCATED TO F105F001
IEF2371 332 ALLOCATED TO F106F001
IEF2371 332 ALLOCATED TO F107F001
IEF2371 331 ALLOCATED TO SYSPRINT
IEF2371 231 ALLOCATED TO SYSPRINT
IEF2371 232 ALLOCATED TO SYSPRINT
IEF2371 0C0 ALLOCATED TO FT08F001

```

RECORD 1 OF FILE 1
LENGTH = 18 BYTES

575565CF 0104C400 0C01ECC0 00022883

RECORD 2 OF FILE 1
LENGTH = 18 BYTES

575565CF 0104C400 0C01ECC0 00022883

RECORD 3 OF FILE 1
LENGTH = 7290 BYTES

D-22532
4/17/7 - 7/11/7

22883133	C602FFC0	00E240EC	5A07F07F	07E88247	E48287E4	7F87E87E	C7F07F07	F07E8824	7E48247E
47F87E87	EC3C47F0	8F87F4DD	47F07EC8	247E8820	7E87F800	07F07F07	F07EC824	7E481C7E	47FC7E87
EC228831	59E602FF	C00CE240	EC5A87F0	7F07E882	47E481C7	E47FC7E8	7EC7F07F	07F07E88	247E481C
7E47FC7E	87EC00C7	F04107F0	F807F07E	C8247E88	207EC7FC	0007F07F	07F07EC8	247E4820	7E47FC7E
87EC2288	317F4602	FFC000E2	40EC5B07	F47F07E8	8247E482	47E48007	E87EC7F0	7F47F47E	C8207E88
247E4800	7E87EC2A	07F08F87	F4DD87F4	7EC8207E	C8287E87	FC0007EC	7F07F07E	C8207E48	2C7E47FC
7E87EC22	8831A4F6	02FFC000	E240EC5B	87F07F07	E88207E4	82C7E47F	C7E87EC7	F07F07EC	7E88207E

48C	04804E28	80483080	481C8048	04054804	61C80461	48048048	28804834	80481C00	08048048
04804828	80483480	481C8048	043DFE68	4D9402FF	C000E240	EC618804	80480482	88048348	0481C804
80480880	48048048	28804834	80481C80	48041048	049B0804	F3480480	48288048	3480481C	00080480
48048048	2880C834	80481C80	48043DFE	68734402	FFC000E2	40EC6208	04804804	82880483	480481C8
04804804	80480480	48288048	3480481C	80480401	080461C8	04614804	80482C80	48348048	1C080804
80480480	482C8048	3480481C	8048043D	FE689904	02FFC000	E240EC62	88048048	0482C800	83480481
C8048048	04804E04	80482C80	48348048	1C804804	19480498	0804F348	0480482C	80483480	481C0008
04804804	80482880	08348048	1C804804	3DFE68BE	C0E240EC	63080480	48048048	48048288	04834804
81C80480	48088048	04800828	081C8048	081C8048	04000804	61C80461	48048048	28804834	80481C00
08048048	04804828	48048348	481C8048	043DFE68	E84022FF	EC638804	80480482	48288048	88048348
0481C804	80480480	48048048	80481C80	80481C80	48041B08	049B0804	F3480480	48288048	3480481C
00080480	48048048	28804834	48048348	48043DFE	690A3402	FFC000E2	40EC6408	04804804	82880483
480481C8	04804804	80480480	48288048	3480481C	8048882E	480461C8	04614804	80082C80	48348048
1C000804	80480480	482C8048	3480481C	8048043D	FE693004	E240EC64	88048048	0482C804	80083480
83480481	C8048048	04804804	80482C80	48348048	1C804804	00080898	0804F348	65080480	480482C8
081C0008	04804804	80482C80	08308048	1C804804	3DFE6955	B402FFC0	61C80461	48048048	28804834
04834804	81C80480	48048048	04804828	04804834	481C8048	04000804	EC658804	80480482	88048348
80481C00	08048C48	04804828	80483480	481C8048	043DFE69	7B7402FF	C000E240	F3480480	48288048
88048348	04818804	80480880	48048048	28804834	80481880	48040008	049B0804	40EC6608	04804804
3480481C	000C0480	80480804	28804834	80481C80	48043DFE	69A12402	FFC000E2	04614804	80482880
82880483	480481C8	04804804	80480480	48288048	3480481C	8048041F	480461C8	E240EC66	88048048
48348048	1C00C804	04804804	48288008	3480481C	8048043D	FE69C6E4	02FFC000	0804F348	04804828
00828800	83480481	C8048048	04804804	80482880	80482880	3DFE69EC	A402FFC0	00E240EC	67080480
80483480	481C0C08	04804804	80482880	48048288	04804828	481C8048	04200804	61C80461	48048048
48048288	00834804	81C80480	48048048	04804828	80483480	043DFE6A	126402FF	C000E240	EC678804
28804834	80481C00	08048048	80480480	48048048	28804834	80481880	48041E08	049B0804	F3480480
80480482	88048348	0481C804	48048048	48048048	2C804834	80483480	6A382402	FFC000E2	40EC6808
482C8048	3480481C	00080480	48048048	80480480	482C8048	3480481C	80480480	80480480	04614804
04804804	82C80483	48048188	04804804	80480480	482C8048	3480481C	FE6A5DD4	02FFC000	E240EC68
80482C80	48348048	1C000804	80480480	482C8048	80480480	48348048	1C804804	00080898	0804F348
88048048	0082C800	83480481	C8048048	04804804	80482880	48348048	3DFE6A83	9402FFC0	00E240EC
04804828	80483480	481C00C8	04804804	80482880	48048288	80483480	481C8048	04228804	61C80461
69080480	48048288	04834804	81C80480	08048048	04804828	80083480	043DFE6A	A95402FF	C000E240
46048048	28804834	80481C00	0481C804	80480480	48048048	2C804834	80481C80	48041408	049B0804
EC698804	80480C82	C8008348	00080480	48048048	48048048	2C800834	48043DFE	6ACF0402	FFC000E2
F3480480	482C8008	3480081C	48048188	04804804	80480480	482C8008	3480481C	80480415	880461C8
04EC6A80	04804800	82C80083	1C000804	80480480	482C8008	3480481C	FE6AF4C4	02FFC000	02FFC000
04614804	80482C80	48348048	0082C800	83480481	04804804	80482880	48348048	1C804804	00080498
E240EC6A	88048048	0082C800	481C0008	04804804	80482880	08348048	1C804804	3DFE681A	8402FFC0
0804F348	04804828	80483480	00834804	08048048	04804828	80483480	80483480	481C8048	04000804
00E240EC	68080480	28804834	80481C00	08048048	04804828	80483480	481C8048	043DFE68	404402FF
61C80461	48048C48	80480482	80483480	0481C804	80480480	48048048	28804834	80481C80	48043488
C000E240	EC688E04	48288048	34804818	00080480	48048048	28804834	80481880	48043DFE	68660402
049B0804	F3480480	48288048	82C80483	480481C8	04804804	482C8008	3480481C	8048043D	8048043D
FFC000E2	40EC6C08	04804804	80482C80	48348048	1C000804	80480480	482C8008	08348048	1C804804
820461C8	04614804	88048048	04828804	48048348	83480481	C8048048	80482880	08348048	3DFE68B1
02FFC000	E240EC6C	0804F348	40090480	80483480	00830804	81C80480	48048048	08048288	80483080
00080498	0804F348	00E240EC	48048048	28804834	80481C00	08048048	48048288	80083480	481C8048
7402FFC0	61C80461	80480480	80480480	80480482	88008348	0081C804	80480880	28800834	28800834
04000804	C000E240	EC40C808	F3480480	48048048	82880083	480481C8	80480480	482C8048	80481C80
D73402FF	049B0804	40EC4108	04804800	80482C80	48348048	1C000804	80480480	3480481C	8048043D
48042F48	FFC000E2	04614804	80482C80	88048048	0482C800	83480481	04804804	80482880	48348048
68FC4E02	48C861C8	E240EC41	04804804	0480482C	80483480	481C0008	04804804	80482C80	48348048
FE6C22A4	02FFC000	0804F348	04804804	42480480	48048288	00834804	81C80480	48088048	04804828
1C804804	3C880498	00E240EC	61C80861	48048C48	28804834	80481C00	08048048	04804828	80483480
3DFE6C48	6402FFC0	00E240EC	041D8808	EC428804	80480482	88048348	0481C804	08088080	481C8048
481C8048	041D8808	C000E240	6E2402FF	F3480480	48288048	3480481C	00080480	48048048	28800834
043DFE6C	6E2402FF	FFC000E2	80483480	40EC4308	88048048	82880483	480481C8	80480480	80481C80
80081C80	480434C8	049B0804	480434C8	04614804	80482880	48348048	1C000804	48288048	48288048
48043DFE	6C93E402	FFC000E2	8048043E	080461C8	E240EC43	88088048	83480481	C8048048	3480481C
3480481C	8048043E	02FFC000	FE6C8994	02FFC000	0804F348	48048288	481C0008	04804804	80082880
8048043D	1C804E04	1A480898	08348048	00E240EC	44080480	00834804	81C80480	80482880	08348048
08348048	3DFE6C0F	040B8804	5402FFC0	61C80461	48048048	28804834	08048048	48048048	48048288
1C804804	481C8048	051402FF	040B8804	C000E240	EC448804	80480482	04818804	80480480	80483480
80483480	043DFE6D	840434C8	049B0804	049B0804	F3480480	80480480	00080480	48048048	28804834
481C8048	043DFE6D	6D2AC402	80480480	FFC000E2	40EC4508	80480480	480481C8	04804804	80480480
28800834	80481C80	080461C8	6D2AC402	04614804	40EC4508	80480480	1C000804	80480480	482C8048
80481C80	48043C8E	FE6D5084	080461C8	E240EC45	0804F348	80480480	83480481	C8048048	04804804
48288048	3480481C	1C804804	FE6D5084	00080498	0804F348	80480480	481C0008	04804804	04804804
3480481C	48348048	3DFE6D76	4402FFC0	00E240EC	46080480	80480480	00834804	81C80480	80482C80
80482C80	1C804804	48188048	04000808	61C80461	48048048	28804834	80481C00	08048048	48048048
80483480	481C8048	043DFE6D	043DFE6D	C000E240	EC468804	80480482	88048348	0481C804	80880880
48048048	28804834	80481C80	48040088	089B0804	F3480480	48288048	3480481C	00080480	48048048
28804834	8C481C80								

APOLLO 14 LM/ASLEP

HIGH FREQUENCY TELESEISMS ON TAPE

71-008C-04S

PSPG-00250

This data set has been restored. There was originally one 7-track, 800 BPI tape written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tape was created on an IBM 360 computer and the restored tape was created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D number are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005903	DS005903	D022554	1	04/17/71 - 01/13/75

o D022554: Read error occurred in record 58 of file 1.

Refer to 69-099C-03R

D-22554
14, S

RECORD 1 CF FILE 1
LENGTH = 18 BYTES

575565CF 01D4C400 CE01ECC0 00022EE2

RECORD 2 CF FILE 1
LENGTH = 18 BYTES

575565CF 01D4C400 CE01ECC0 00022EE2

RECORD 3 CF FILE 1
LENGTH = 7250 BYTES

22882CF1 1C20000 CCE240EC 528E4EE4 834C7E4E 5C7CC850 8108548E 08508508 508507E4 8E47CC85
05108508 50358850 ECAE4C8C CE4C8E07 F48507CC E54E1485 48548548 5084C7E4 8507CC85
5022882C 16D0F020 C00CE240 ECE30E4C 84C8AC7E 4E4E7CC8 4CB1484C 8508508E 08548547 E48547CC
85481485 C84C00C8 4C11EE4C 000E4C85 07E48507 CC84C810 84C8AC84 C8508507 E48547CC 85881C65
88582288 2D3C8602 0C0C0CE2 40EC5388 5485085C 7F48AC7C C848810E 48844848 8488AC84 C7E48507
DCE50810 E54E5401 CCE4EC48 548CCCE4 8507E485 C7D084C8 1484C850 8508508E 07E48AC7 CC84C810
84C85022 882D6246 C20C0000 E240EC54 085E85EE SE7E4858 7C885481 08508508 4C848848 8487E884
87C88488 1484CE50 338EEC11 E65C0C08 508E47EE EEE7C858 88148548 5485084C 84C7E885 07D08508
14850850 22882D88 C6020000 00E240EC 548E548E CE4C7E48 487D0848 81484C85 08548548 548547E4
8547CC85 08148508 4C0E4E4C 8C4E488C 084CE5C7 EC8507CC E508108E 08508508 508507E4 8547D085
081C8508 5022882C ADC6C200 000CE240 EC55085C E508507E 48507D0E 50810850 50850804 CE4C84C7
E484C7D0 E5C8108E CCE428C8 5411CE54 000E54E5 C7E48507 CC850810 8508508E 48548507 EC8487CC
84881094 884C2288 2CD37602 C0C0CE2 40EC558E 54854854 7E48547C C8508148 50850850 50850850 85085C85
07E884C7 CC84C814 E4CCE4C7 C84E8C48 488C0848 8487E884 C7CC8548 1485885C 85C85885 87E88507
C0850814 85C85022 882DF936 C20C0000 E240EC56 CE48448 447E484E 7D085081 08548588 5E858E54
8507E485 C7CC84C8 1084E848 08E4E11 C84C0008 4C84C7E8 84C7CC8E 0814E508 50850850 8E47E885
C7CC85C9 14E58854 228E2E1E F602C000 00E240EC 56884884 48447E88 447D0848 81084884 CE508588
5E8587E4 E5E7D88E EE1CE548 5C0CCE4C 8C4E488C CE48447 E48487D8 85081485 48548548 548507E4
8547D485 E8148548 EC22E82E 44AC0200 000CE240 EC57084C 84C64C7E 48487C08 4881484C 84C85C84
C85084C7 E4E507CC E50E1485 4E5417C8 54118854 C0085085 07E48507 C8850814 85085084 85085084 C84C8507
E4E507C8 E5C8108E CCEC2288 2E6A6602 000C00E2 4CEC5788 50850850 7E08507C 884C8108 4CE4CE4C
85085485 47DC8547 CCE4E610 E54E501A 08508C48 5C8C8584 8547DC85 47C88548 10854850 84C84884
C7CC8507 CCE50810 E50E022 882E9C26 C20C0000 E240EC58 085485C8 4C7E084C 7CC84C81 0E4C8508
50850850 85C7E485 07DC8508 1C850850 1C850850 16CE5011 8E54008 548547E8 8507C085 08148508 5084CE4C
8507E885 47D08548 1C854850 228E2E85 E6020000 0CE240EC 58884CE4 88487E88 4C7D084C 81C85C85
085C8508 50E547E8 E547D485 08148508 5017484C 8C4E4C8C 084C8507 EC8507D8 85081485 0E5084C8
4C8507E8 E5C7D085 CE14E4C8 4C22882E DB9602CC C0CE240 EC59084C 8508547E 88547CC8 5C814E4C
84C84C84 C8508547 E4E547C8 E50E1485 C8503288 5C118850 00085485 47E08507 C8850810 85C84C84
C84C84C7 F084C7C8 E50E1085 CE5C2288 2F015602 0C000E2 40EC5988 54854854 7E08547C CE508108
5085C84C 84C84C84 C7E0E4C7 CC850E10 E50E5412 E65C0848 508C084C 84C7E085 07CC8508 1C854854
85085C84 C7E484C7 CC850810 E50E5422 882F271E 02000000 E240EC5A 085084C8 4C7E884C 7CC84C81
08508508 54E54E54 E507E485 07CC8508 1485085C 3C85011 C8500008 4C84C7E4 8487D084 881484C8
50E54854 47D4E508 47D4E508 14850850 14850850 DCE02000 00E240EC 5A884C84 C8487E88 4C7D4E4C
81485084 C84C84C8 50E507EC E547D085 84814854 5400C850 8C4E508C 08508507 EC8507CC 84C81484
C8508508 50E507E8 E507C884 C81484C3 4C22882F 72860200 000E240 EC5B084C 8508547E 4E547C88
54810854 E508508E CCE4C7C8 EC84C7CC 84C81484 CCE4C298 5011C850 0008508E 47E08547 CC858E10
858E588E E485084C E084E7CC E48E1084 84C8228E 2F9E4602 40EC5E88 4C850850 7E08547C
C8548108 54E58E88 E54E5085 C7E4E4C7 CC84C810 84C84C8 484C84E 4C8C084C 8507E485 07CC8508
14850850 E5085485 E7E4E587 DC854814 E5084C22 8E2F3E06 E2200000 E240EC5C 084884C8 4C7E4E4C
7D484C81 50E8508E 5E8E5854 E547E485 C7D48508 14850850 36C85011 C8500008 508507E8 8507D085
08148508 CE4C4C4C 8507E885 47D08548 14854854 228E2F3 E3602000 00E240EC 5C885485 0E507E48
4C700848 81484848 C84CE508 508507E4 8507CC8E 4E148508 5000084C 8C484C8C 8C484C8C 8507D085
8508108E 084C84C8 50E57E4 E5C7CC8E 48108548 E5228830 C9760200 000E240 EC5D0854 85085C7E
48507CC8 50810850 E4CE4C84 C84C84C7 E48507CC E508108E 08501688 8508108E 4C11C84C 00084884 C7E484C7
CCE4CE10 E5CE508E CE5CE547 F48587CC E58E108E 4E502288 302F3602 00000E2 40EC5D88 4C84CE4C
7E484C7D C84E8108 4E84E648 84CE4C84 C7E4E507 085485E7 85485429 88548C48 548C0854 8E47E485
47D08508 14E5084C E4CE4C84 44844E44 8487E484 C7D08548 1485885C 2C085C11 C85C0008 0E508548
547E4854 7DC85081 E4CE4C84 E507E485 07CC85C8 1C850850 2288307A A6020000 00E240EC 5E885485
8507D084 88148448 4484E64C E507E485 07CC85C8 488487E8 C4C7C84 C8108508 501CC854 8C48508C 0E5084C7
48547E88 547CC854 E10E5084 C24E8488 848487E8 E4C7C84 C8108508 501CC854 8C48508C 0E5084C7
E8E507CC E5C8108E 4E54E548 548507E4 8507D085 E48507D0 E48507D0 4C228830 A0660200 000E240 EC5F0E44
8488487E 484C7D08 E5C81CE4 858E588E 8E548547 E48507D0 E48507D0 85081084 C84C1A48 0C084C85
07E08507 DCE50810 E50E5085 4E548547 E48547CC EEC81485 C8502288 30C62602 000000E2 4CEC5F88

22882CF1
043409C10

71-008C-495

00E24CEC	578E24B2	4E247FC8	247AE824	7F0E2482	4E248243	248247FC	8247AE82	47F08248	24C9CE24
300R24B4	4E24B247	FC8247A8	8247FC82	4E24E248	248247FC	8247A882	47F0828E	24Q43407	65450200
000CE240	EC580E24	8E24E247F	8E247A89	247F0824	824E2482	824E247F	FC8247A8	8247F082	824208C8
24604824	AC8E2482	47FC8247	A88247F0	824E2482	4E248247	FC8247A8	8247F082	A8240434	078B0502
000000E2	40CE588E	24824624	7FC6247A	8E247FC8	24824824	824E2482	47FC8247	A88247F0	82482408
CE248C0B	24640E24	E247FC82	47AE8247	F0824824	824E2482	47FC8247	A88247FC	82482404	34C7BCC5
02000000	E240EC59	0E248248	247FC624	7AB8247F	CE248248	24824824	8247FC82	47A88247	FC824E28
328E246C	4824AC8E	248247FC	6247A882	47FC624E	24824824	8247FC82	47A88247	FC824824	043407D6
85020000	0CE240FC	58E2482E	4E247FC8	247A882E	7F0E2882	824E2482	4E247A88	8247F082	47F08248
24144E24	80CE2484	CE248247	FC9247A8	8247F0E2	4E248243	208247FC	8247A882	47FC08248	24C43407
FC350200	000CE240	EC5AC824	824E247F	CE8247A8	247F0824	824E2482	4E248247	FC8247A8	8247FC82
48242C43	246C04824	AC8E2482	47FC8247	A88247F0	824E2482	4E248247	FC8247A8	8247F082	82424034
0821F502	00000E2	4CECEA88	24824E24	7FC6247A	8E247F08	24824824	82482482	47FC8247	824247F0
824E240E	48248C0B	24840824	8247FC82	47AE8247	FC824824	824E2482	47FC8247	8247F082	824247F0
34C8BA7B5	02000000	E240EC5B	08248248	247FC824	7AB8247F	08248248	24824824	8247FC82	47A88247
F0924E24	25E8E246C	4E24AC88	248247FC	3247A882	47F08248	24824824	8247FC82	47A88247	47A88247
C4340E6D	65020000	0CE240EC	58E2482E	48247FC8	247A8824	7F082482	4E248248	248247FC	8247A882
47F08248	243F0E24	80CE2484	CE248247	FC8247A8	8247F082	4E248248	248247FC	8247A882	47F08248
24043408	53250200	000CE240	EC5C0E24	824E247F	CE247A88	247F0824	824E2482	8247A882	8247A882
82477FC32	482409C8	246C4824	AC482482	47FC8247	A88247F0	824E2482	8247A882	8247A882	8247A882
4E240434	0388E502	000C00E2	4CE5C882	24824824	7FC8247A	88247F08	24824824	8247A882	8247A882
A88247F0	82482404	CE248008	24340C82	8247FC82	47A88247	F0824824	24824824	8247A882	8247A882
82482404	340E8E45	CE200000	E240EC5D	CE248248	247FC824	7AB8247F	08248248	8247A882	8247A882
47A88247	F0824824	CE4E2460	4824AC43	248247FC	8247A882	8247F082	24824824	8247A882	8247A882
FC824824	47340904	55020000	00FE24CE	5D82482E	CE247FC8	247A8824	7F082482	8247A882	8247A882
8247A882	47FC0824	2414E824	80CE2484	48248247	FC8247A8	8247F082	8247A882	8247A882	8247A882
47F08248	24043409	2A150200	000CE240	EC5E0824	824E247F	8247A882	247F0824	8247A882	8247A882
FC8247AE	82477FC8	4E24E288	246C4E24	AC4E2482	47FC8247	A88247F0	824E2482	8247A882	8247A882
82477FC8	48240434	CE4FC502	000C00E2	40CE588E	24824824	7FC8247A	88247F08	8247A882	8247A882
47FC8247	A88247F0	E24E240A	E24EC08	24840824	8247FC82	47A88247	F0824824	8247A882	8247A882
A88247F0	82482404	34057595	020C0C00	E240EC5F	CE208248	247FC824	7AB8247F	08248248	24824824
8247FC82	47AE8247	FC824824	080E246C	4824AC8E	248247FC	8247A			

[illegible]

APOLLO 15 LM/ALSEP
HIGH FREQUENCY TELESEISMS ON TAPE
71-063C-01S PSPG-00348

This data set has been restored. There was originally one 7-track, 800 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tape was created on an IBM 360 computer and the restored tape was created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005648	DS005648	D022555	1	01/02/72 - 01/13/75

Refer to 69-099C-03R

```

IEF285I VOL SER NOS= K3SYS6.
IEF285I SYS76049.T072707.RV000.YZJRJLR1.LODMOD PASSED
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76049.T072707.SVC00.YZJRJLR1.R0001442 SYSOUT
IEF285I VOL SER NOS= K3SCR2.
IEF285I SYS76049.T072707.SV000.YZJRJLR1.R0001443 SYSOUT
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76049.T072707.RV000.YZJRJLR1.R0001444 DELETED
IEF285I VOL SER NOS= K3SCR5.
IEF285I SYS76049.T072707.RV000.YZJRJLR1.S0001445 SYSIN
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76049.T072707.RV000.YZJRJLR1.S0001445 DELETED
IEF285I VOL SER NOS= K3SCR3.

```

```

IEF373I STEP /LINK / START 76050.0347
IEF374I STEP /LINK / STOP 76050.0347 CPU 0MIN 01.19SEC MAIN 130K LCS 0K

```

```

- STEP 02 - RETURN CODE = 0000 STEP TIME = .19 MINS=(CPU= .01,IO= .18)

```

```

XXGO EXEC PGM=*,LINK.SYSLMOD,COND=(4,LT),REGION=70K STEP TIME = .56,TAPE= .00,CELL= .00,OTHR= .17
XXFT05F001 DD DDNAME=DATA5 ID IN SECS. DISK= 10.40,DRUM= .0000230
XXFT06F001 DD SYSOUT=EQOUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE) .0000240
IEF653I SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265) .0000250
XXFT07F001 DD SYSOUT=B,DCB=(RECFM=FB,BLKSIZE=7280,LRECL=80) .0000260
XXSYSPRINT DC SYSOUT=EQOUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE), .0000270
IEF653I SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265), .0000280
XX SPACE=(CYL,(0,1)),UNIT=(DISK,3)
//GO.FT08F001 DD UNIT=7TRACK,DISP=(OLD,KEEP),LABEL=(01,BLP,,IN),
// DCB=(BLKSIZE=32000,RECFM=U,DEN=2,TRTCH=C),
// VOL=SER=JJ0018
//GO.DATAS DC *

```

```

IEF236I ALLOC. FOR YZJRJLR1 GO
IEF237I 232 ALLOCATED TO PGM=*,DD
IEF237I 231 ALLOCATED TO FT05F001
IEF237I 332 ALLOCATED TO FT06F001
IEF237I 332 ALLOCATED TO FT07F001
IEF237I 332 ALLOCATED TO SYSPRINT
IEF237I 231 ALLOCATED TO SYSPRINT
IEF237I 232 ALLOCATED TO SYSPRINT
IEF237I 0C0 ALLOCATED TO FT08F001

```

```

RECORD 1 OF FILE 1
LENGTH = 18 BYTES

```

575565CF 01D4C400 0F01ED00 00000F19

D-2255
01/02/72 - 01/13/75

```

RECORD 2 OF FILE 1
LENGTH = 18 BYTES

```

575565CF 01D4C400 0F01ED00 00000F19

```

RECORD 3 OF FILE 1
LENGTH = 7290 BYTES

```

00F19F2A	9202FFC0	00E240EC	5B088087	C87C7F48	78818874	64487487	88788788	78FFC7F4	87881C87
8E408748	741AC878	87087855	487C87C7	F487C818	87C64000	08788788	788787F4	87C81C87	C64087C8
7800F19F	505262FF	C008E240	EC5B8874	8748747F	487881C8	7864487C	87C87C87	C878FFC7	F887481C
87464487	887C1C48	8071C880	FFC88087	87F48748	18874640	00087487	887C87C7	F487881C	87463C87
487800F1	9F761202	FFC000E2	40EC5C08	7C88087C	7F487C81	C87863C8	74874874	878878FF	C7F887C8
1C87C540	87C87C34	C87C8708	7C55087C	87C7F487	881887C6	4000087C	87C87C87	C7F48788	18878640
87487400	F19F8D2	02FFC000	E240EC5C	887C8808	7C7F487C	81887864	08788748	74874874	FFC7F487
C8188806	4088087C	00087871	C874EEC8	748747FA	87481887	86400908	7C87C87C	8787F487	48188746
4087887C	00F19FC1	8202FFC0	0CE240EC	5D087C87	C8787F48	78818878	64087887	88788788	78FFC7F4
87881887	8640E788	78278878	87087855	087C87C7	F487C818	87C64000	08748748	748787F4	88081887
C64087C8	7C00F19F	E74202FF	C000E240	EC5D8878	8788747F	487481C8	78640878	87C87C87	C878FFC7
F487881C	87864087	887C2B88	7C72087C	FFC87887	87F48788	1C878640	00087887	C87C87C7	F487481C
87464087	487800F1	A00D0202	FFC000E2	40EC5E08	8088087C	7F487881	C8786408	78878878	878878FF

7-063-015
April 15

7E87F07A	47F07F07	F47F47F8	0007EC7F	47E87F47	A47F47F4	0D47F429	87F48A07	F47F47EC	7F47E47F
47A40007	F47F47F4	7F07EC7F	47E47F47	A47F47F4	04340599	E502FFC0	00E240EC	6007F47F	87F87E87
F47E47F4	7A47F47F	47F47F87	F80007E8	7F87E47F	87A47F47	F408C7F4	8D87F43F	C7F87F87	E87FC7E4
7FC7A400	07FC7F87	F87F47E8	7F47E47F	47A47F87	FC043405	8F9502FF	C000E240	EC6087FC	7F87F87E
87E47E47	F47A07E4	7E47E87E	87E80007	E87E87E4	7F87A07F	47E43687	F42987F8	8407F87F	87E87F47
47F47A00	0007F87E	87FC7F87	E87F47E4	7F47A07F	47F40434	05E55502	FFC000E2	40EC6107	F87F87F8
7EC7F87E	47F47A07	F47F87F8	7F87F800	07EC7F47	E87F47A0	7F47F800	07FC8D87	FC3FC7FC	7F87EC7F
47E47F47	A40007F4	7F47F87F	87EC7F87	E47F47A4	7F47F804	34060B15	02FFC000	E240EC61	87F87F87
F47EC7F0	7E47F07A	87F47F47	F87FC7FC	0007EC7F	47E47F07	A87F47F4	0007F829	47FC8407	FC7F87E8
7F87E47F	47A80007	F87F87F8	7F87E87F	47E47F47	A87F47F4	04340630	D502FFC0	00E240EC	6207FC7F
C7F87E87	F87E47F8	7A47F87F	87F87F87	F80007E8	7F47E47F	47F40434	F400C7F8	8D87F83F	C7F87F47
E87F47E4	7F47SC00	C7F87F87	F87E87E8	7F07E47F	07A07F07	F4043406	568502FF	C000E240	EC6287F8
7E87F87E	87E47E47	F47A07E4	7E47E47F	87E80007	EC7E87E4	7F87A47F	47F420C7	F42987F4	8407F47F
47E87F87	E47F87A0	0007F87F	87F87F87	E87F07E4	7F07A47F	07F40434	067C4502	FFC000E2	40EC6307
F87FC7F8	7E87F47E	87F47A47	F07F47F4	7F87F800	07E87F87	E87F47A8	7F47F400	47F88D87	F83FC7F4
7F47E87F	47E47F47	A80007F8	7FC7FC7F	87E87F07	E47F07A4	7F07F004	3406A205	02FFC000	E240EC63
87F87FC7	F87E87F8	7E47F47A	47F47F47	F47F47F8	0007E87F	87E47F47	A47F47F4	06C7F429	87F48A07
F87F87E8	7F87E47F	87A40007	F87F87F8	7F47E87F	47E47F47	A07F47F4	043406C7	C502FFC0	00E240EC
6407F87F	C7FC7E87	F87E47F4	7A07F47F	07F47F47	F80007E8	7F87E47F	87A07F87	F81807F8	8D87F43F
C7F47F47	E87F47E4	7F47A000	07F87F87	F87F87E8	7F47E47F	07A07F47	F8043406	ED7502FF	C000E240
EC6487EC	7E87E47E	87E47E47	F07A07E4	7E47E87F	C7EC0007	EC7F87E4	7F47A07F	07F00007	F42987F4
8407F87F	87EC7FC7	E87FC7A0	0007F87F	87F47F47	E87F47E8	7F47A47F	47F80434	07133502	FFC000E2
40EC6507	F87E87F8	7E87F47E	47F47A47	F47F47F8	7F87FC00	07E87F87	E47F47A4	7F47F418	47F48D87
F43FC7F8	7F87E87F	87E47F87	A400C7F8	7F47F47F	47E87F87	E47F87A4	7F87F804	340738F5	02FFC000
E240EC65	F87F87F4	F47E87F4	7E47F47A	47F87F87	F87F87F8	0007E87F	47E47F47	A47F87F8	0007F829
C7F88407	87F47E87	7F47E47F	87A40007	F87F87F8	7F47E87F	47E47F47	A47F87F8	0434075E	8502FFC0
00E240EC	6607F87F	87F47E87	F47E47F4	7A47F47F	47F87F87	F80007E8	7F87E87F	87A07F47	F40747F4
8D87F83F	C7F87F87	E87F87E8	7F87A000	07F07F07	F47F87E8	7F87E47F	87A07F87	F4043407	847502FF
C000E240	EC6687E4	7E47E47E	87E47E47	F47A07E4	7F47E87F	87F80007	EC7F47E4	7F47A07F	47F41047
F42987F8	8407F87F	87E87F87	E47F87A0	0007F87F	7F87F87F	E87F47E4	7F07A07F	07F40434	07AA2502
FFC000E2	40EC6707	FC7FC7FC	7E87F87E	47F47A47	F47F87F8	7FC7FC00	07E87F87	E47F87A4	7FC7FC08
47FC8D87	F83FC7F8	7F87E87F	87E47F87	A40007FC	7FC7F87F	87E87F47	E47F47A4	7F47F804	3407CFE5
02FFC000	E240EC67	87FC7FC7	F87E87F4	7E47F47A	47F47F47	F87F87F8	0007E87F	47E47F47	A47F47F4
1EC7F829	87F88407	F87F87E8	F87E47F8	87A40007	F87F87F4	7F47EC7F	47E47F47	A47F47F8	043407F5
A502FFC0	00E240EC	6807F87F	87F87EC7	F47E47F4	7A47F47F	47F47F87	F80007EC	7FC7E47F	87A47F87
F40E87F4	8D87F43F	C7F47F87	EC7F87E4	7F87A400	07F87F87	F47F47E8	7F47E47F	47A07F47	F8043408
1E6502EE	C000E240	EC6687F8	7F87F87E	87F47E47	87F47E47	F47F87F8	87F80007	E87F87E8	7F47A07F
47F41E07	F829C7F8	8407F87F	C7E87F87	E87F87A0	0007F87F	87F47F47	E87F47C0	7F47A47F	47F80434
08411502	FFC000E2	40EC6907	F87F87F4	7E87F07E	47F07A87	F07F47F8	7FC7FC00	07E87F87	E47F47A8
7F47F401	C7F88D87	F83FC7F8	7F87E87F	87E47F87	A80007F4	7F47F47F	87E87F87	E47F87A4	7F47F404
340866D5	02FFC000	E240EC69	87F47F47	F47EC7F4	7E47F47A	47F47F47	F47F47F4	0007EC7F	47E47F47
A47F47F4	0A47F029	87F84007	F07F47EC	7F87E47F	C7A40007	FC7F87F8	7F47EC7F	47E47F47	A47F47F8
0434088C	9502FFC0	00E240EC	6A07FC7F	C7F87E87	F87E47F8	7A07F87F	87F87F87	F80007E8	7F87E47F
479C7F47	F800C7F8	8D87FC3F	C7FC7FC7	E87F87E4	7F479C00	07F47F47	F87F87E8	7F87E47F	87A07F87
F8043408	B25502FF	C000E240	EC6A87F8	7F87F87E	87F87E47	F87F87F8	7F87F87F	87F80007	E87F87E4
7F47A47F	47F80007	F82987F8	8407F87F	47E87F47	E47F47A4	0007F87F	47F47F07	E87F47E4	7F47A87F
47F40434	08D8C502	FFC000E2	40EC6807	F47F47F4	7E87F47E	47F47A87	F47F47F8	7F87F800	07EC7F47
E47F07A4	7F07F404	47F48D87	F83FC7FC	7FC7EC7F	87E47F87	A40007F8	7F87F87F	87EC7F87	E47F87A4
7F87F804	3408FDC5	02FFC000	E240EC68	87F87F87	87EC7F47	7E47F47A	47F47F47	F87F87F8	0007EC7F
87E47F87	A07F87F4	1447F429	87F48A07	F47F87EC	7F87E47F	87A00007	F87F47F4	7F47EC7F	87E47F87
A07F47F4	04340923	8502FFC0	00E240EC	6C07F47F	87F87E87	F87E47F8	7A07F87F	87F87F87	F40007E8
7F47E47F	87A07F87	F81A47F8	8D87F83F	C7F47F47	E87F47E4	7F47A000	07F87F87	F87F87E8	7F87E47F
47A07F07	F0043409	494502EE	C000E240	EC6C87F8	7F87F87E	87F87E47	F47A47F4	7F47F87F	87F80007
E87F87E4	7F87A47F	47F40007	F42987F4	8407F87F	87E87F87	E47FC7A4	0007F87F	87F87F87	E87F47E4
7F47A47F	07F40434	096EF502	FFC000E2	40EC4007	FC7FC7FC	7E87F87E	47F47A47	F47F47F8	7F87FC00
07EC7F47	E47F47A4	7F47F800	07F88D87	FC3FC7FC	7F87EC7F	47E47F47	A40007F4	7F47F87F	87EC7F87
E47F87A4	7F87F404	340994B5	02FFC000	E240EC40	C7F87F87	F87EC7F8	7E47F47A	47F47F47	F47F47F8
0C07EC7F	87E47F87	A47F87F8	2F87F829	C7F88407	F87F87EC	7F87E87F	87A00007	F47F47F4	7F47EC7F
47E47F47	A07F47F4	043409BA	7502FFC0	00E240EC	4107F87F	87F87E87	F47E47F4	7A07F47F	47F47F87
F80007E8	7F87E47F	47A07F47	E40347F4	8D87F83F	C7FC7FC7	E87FC7E4	7F87A000	07F47F47	47F47F87
7E87E47F	87A07F87	F8043409	E03502FF	C000E240	EC4187F8	7F87F87E	87F87E47	F87A47F4	7F47F47F
87F80007	E87F87E4	7F87A87F	47F43C87	F42987F4	8407F47F	87E87F87	E47F87A8	0007F87F	87F87F87
E87F87E4	7F87A87F								

RECORD 1234 OF FILE 1
LENGTH = 7290 BYTES

24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
45245249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
52492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
45249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
52492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492

APOLLO 16 LM/ALSEP

HIGH FREQUENCY TELESEISMS ON TAPE

72-031C-01S

PSPG-00496

This data set has been restored. There was originally one 7-track, 800 BPI tape written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tape was created on an IBM 360 computer and the restored tape was created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D number are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005690	DS005690	D022556	1	09/17/72 - 01/13/75

Refer to 69-099C-03R

IEF2651 VCL SER NOS= K3SCR3.
 IEF2651 SYS76100.T163658.RV000.YZJRJLR2.S0000094 DELETED
 IEF2651 VOL SER NOS= K3SCR3.
 IEF3731 STEP /LINK / START 76100.1712
 IEF3741 STEP /LINK / STUP 76100.1712 CPU DMIN 01.79SEC MAIN 130K LCS OK
 - STEP 02 - RETURN CODE = 0000 STEP TIME = .20 MINS=(CPU= .02,IO= .18)
 //GO. FT08F001 DD UNIT=7TRACK,DISP=(OLD,KEEP),LABEL=(C1,BLP,IN), .00,CELL= .00,0THR= .17

XXGO EXEC PGM=*,LINK,SYSMOD,COND=(4,LT),REGION=70K
 XXFT08F001 DD DDNAME=DATA5
 XXFT08F001 DD SYSOUT=OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE) 00000230
 IEF6531 SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265) 00000240
 XXFT08F001 DD SYSOUT=B,DCB=(RECFM=FB,BLKSIZE=7280,LRECL=80) 00000250
 XXSYSPRINT DD SYSOUT=OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE), 00000260
 IEF6531 SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265), 00000270
 XX SPACE=(CYL,(0,1)),UNIT=(DISK,3) 00000280
 //GO.FT08F001 DD UNIT=7TRACK,DISP=(OLD,KEEP),LABEL=(C1,BLP,IN),
 // DCB=(BLKSIZE=32000,RECFM=U,DEN=2,TRTCH=C),
 // VOL=SER=JJ0017
 //GO.DATA5 DD *

IEF2361 ALLOC. FOR YZJRJLR2 GO
 IEF2371 231 ALLOCATED TO PGM=*,DD
 IEF2371 231 ALLOCATED TO FT05F001
 IEF2371 331 ALLOCATED TO FT06F001
 IEF2371 332 ALLOCATED TO FT07F001
 IEF2371 232 ALLOCATED TO SYSPRINT
 IEF2371 231 ALLOCATED TO SYSPRINT
 IEF2371 331 ALLOCATED TO SYSPRINT
 IEF2371 000 ALLOCATED TO FT08F001

RECORD 1 OF FILE 1
 LENGTH = 18 BYTES

575565CF 01D4C400 1001ED00 00054336

RECORD 2 OF FILE 1
 LENGTH = 18 BYTES

575565CF 01D4C400 1001ED00 00054336

RECORD 3 OF FILE 1
 LENGTH = 7290 BYTES

54336397	8E0240C0	00E240EC	5E87F07E	87E87FC7	F47A07FC	7688007F	87F47EC7	EC7F0800	7F87A47F
C7687F87	EC1D47E4	C787E88F	C7F07F83	0C7F47D4	7F076800	07EC7EC7	F07F07FC	7F87FC7F	87687F87
F4543363	BD7E0243	0000E240	EC5F07F4	7F47F47F	C7FC8147	F07647F0	7F07EC7E	87EC7F07	FC7F8828
7F67647F	87F41A07	F0FFC7EC	0007F07F	47FC7F88	287F4764	0007EC7E	C7F07F08	007F4800	7F87647F
87FC5433	63E32502	4E0000E2	40EC5F87	E47EC7F8	8047FC7E	47FC7647	F07EC7E8	7EC7F07F	47FC7F87
FC7F4764	7FC7FC22	47F4C737	FC8FC7FC	7F07F87F	98387EC7	640007F0	7F07F07E	C7F87F88	507FC764
7FC7F854	336408E5	023880C0	E240EC60	07EC7F07	F87F87FC	8287F876	87F47F07	EC7EC7F0	7F47F87F
47FC7F47	687F47F4	1EC7F4FF	C7F40007	F07F47FC	7F87DC7F	47680007	F07F87F8	7F87FC7F	87D87FC7
687FC7FC	5433642E	A50241C0	00E240EC	6C87F07F	07F48007	F87E07F8	7687F47E	C7E87E87	F07F8800
7F87E87F	87687F47	FC37C7F0	C787F48F	C7F47F87	FC7F87CC	7FC76400	07F47F87	F87F47FC	7F47A87F
87647F87	F4543364	5465026C	0000E240	EC6107EC	7F07F47F	C7F47BC7	F47647F0	7F07F07F	07F07F07
FC7F47F8	7FE7E47F	87F400C7	F4FFC7F4	0007F47F	47FC7F48	0C7F0764	0007EC7E	C7F07F07	F87F87E4
7F87647F	87F45433	647A1502	5F4000E2	40EC5187	F07F07F0	7F87F47C	87F47647	F47F47F0	7EC7EC7F
C7F87F47	E87F4764	7F47F415	C7F4C737	F08F07F0	7F07F87F	481C7F07	640007F0	7F07EC7F	07F87F88
147F8768	7F47F054	33649F05	02508000	E240EC62	07EC7F07	F47F37F8	7EC7F876	87F47F07	07F47F47
7F47F87F	47EC7F47	687F47F4	01C7F0FF	C7F00007	F07F07F8	7F4800C7	07680007	EC7EC7F0	7F07FC7F
88087F87	687F87F3	543364C5	55C24C00	00E240EC	07F87F07	FC7F87FC	7687F47F	07F07FC7	7F07FC7F
EC7F07FC	7FC7E07F	47647F87	F017C7F0	C787EC8F	07FC7F08	0C7F47FC	7F476400	07EC7EC7	F07F4800
7FC7F87F	C7647F47	F0543364	EB550248	0000E240	EC6307EC	7F07F47F	C7F87DC7	F47647F0	7F07FC7F

D-22556
 16, 5

54336397A
 043409C2D

72-0310-015

AC77E7AC	7AB7AE7A	C7B07BC7	FC7E07EC	7AC7747A	C7AC0B07	AC28C7AC	6347B07A	C7F07AC7	FC7A877A
0007A87B	07B47EC7	F07AC7FC	7AC7747B	C7B00434	05311502	180000E2	40EC5D87	AC7AC7AC	7F07AC7F
C7AC7747	AC7AC7AC	7AC7AC7A	C7F07AC7	FC7AC774	7A87A814	47AC8707	AC8587B0	7B07F07A	C7F87A87
7400C7AC	7B07B47B	47F07AC7	F87AC774	7AC7AC04	340556C5	0234C000	E240EC5E	07B07AC7	AC7F07AC
7587AC77	47AC7AC7	AC7AC7AC	7AC7EC7A	C7F747AC	747AC7AC	2687AC28	C7AC6347	AC7AC7EC	7AC7F47A
8774C007	A87AC7B0	7B07EC7A	C7F47AC7	747B07B0	0434057C	85023EC0	00E240EC	5E87AC7A	C7AC7EC7
AC7F47AC	7747AC7A	C7AC7AC7	AC7AC7EC	AC7F47A7	C7747AC7	AC0B07AC	8707AC85	87AC7AC7	EC7A87F8
7A877400	07A87AC7	B07B07EC	7AC7F87A	C7747B07	80043405	A245026B	C000E240	EC5F07B0	7AC7AC7E
C7AC7FC7	C7747AC7	AC7AC7AC	C7AC7AC7	EC7AC7FC	7AC7747A	C7AC0A07	AC2B07B0	6347B07E	07EC7AC7
FC7AE774	00C7A87B	07B07B07	EC7AC7FC	7AC7747A	C7B00434	05C80502	594000E2	40EC5F87	B07AC7AC
7F07AC77	C7AC7747	AC7AC7AC	7AC7AC7A	C7F07AC7	F87AC774	7AC7AC10	07B08707	B085C7B0	7AC7F07A
87F87A47	740007A8	7B07B07B	C7F07AC7	FE7B0774	FE7B0774	3405EDC5	024F8000	E240EC60	07AC7AC7
AC7FC7AC	7F87AC77	47A37A87	AC7AC7B0	7E07F07A	C7F87AC7	747AC7AC	0D07AC28	C7AC6347	B07AC7EC
7AC7F47A	8774C007	A87AC7B0	7B07EC7A	C7F47AC7	747B07B0	04340613	75023000	00E240EC	6087AC7A
C7AC7EC7	AC7F47AC	AC7F47AC	C7AC7AC7	AC7AC7EC	7AC7F47A	C7747AC7	AC3707AC	8707AC85	C7AC7AC7
EC7AC7F8	7A87740J	7A87740J	EC7E07EC	7AC7F87A	C7747AC7	B0C43406	3935020C	0000E240	EC6107B0
7AC7AC7F	C7AC7F87	AC7747AC	7AC7AC7A	C7AC7AC7	F07AC7FC	7AC7747A	C7AC2F87	AC2887AC	6347AC7A
C7F07AC7	FC7AE774	0007A87A	C7B07B07	FC7AC7FC	7AC7747B	07B00434	065EF502	1B4000E2	40EC6187
B07AC7AC	7FC7AC7F	C7AC7747	AC7AC7AC	7AC7AC7A	C7F07AC7	F87AC774	7AC7AC00	07AC8707	AC85C7E0
7AC7F07A	C7F87A87	74C0C7A8	7B07B07B	07EC7AC7	F87AC774	7B07B004	340684B5	02340000	E240EC62
C7B07B07	AC7EC7B0	7F47B0C7	47AC7AC7	AC7AC7AC	7AC7EC7A	C7F47AC7	747AC7AC	00C7AC28	87AC6347
AC7AC7EC	7AC7F07A	8774C007	A87B07B0	7E07EC7A	C7F47AC7	747B07B0	043406AA	65023EC0	00E240EC
6287AC7A	C7AC7EC7	AC7F47AC	7747AC7A	87AC7AC7	AC7AC7EC	7AC7F87A	C7747AC7	AC2107AC	8707AC85
C7B07AC7	EC7AC7F8	7A877400	C7AC7B07	B07B07F0	7AC7FC7A	C7747B07	B0043406	D025026B	0000E240
EC63C7B0	7AC7AC7F	07AC7FC7	AC77B7AC	7AC7AC7B	07B07B07	F07AC7FC	7AC7787A	C7AC0287	AC2887EC
6347B07B	07F07AC7	FC7A877A	0007AE7B	C7B47B47	F07AC7FC	7AC7787A	C7AC0434	06F5E502	D9C000E2
40EC6387	B07EC7AC	7F07AC7F	87AC7747	AC7AC7AC	C7F07AC7	F47AC774	7AC7AC0C	7AC7AC0C	47AC8707
B08587B0	7AC7EC7A	87F07A87	74C0C7A8	7AC7B07A	F07AC774	7AC7AC04	34071BA5	7AC7AC04	024FC000
E240EC64	07AC7AC7	AC7EC7AC	7F07AC77	47AC7AC7	C7AC7AC7	C7F07AC7	747AC7AC	C7F07AC7	1987AC28
87AC6347	AC7AC7EC	7AC7F87A	8774C007	A87AC7B0	7B07F07A	87FC7AC7	747AC7B0	04340741	550230C0
00E240EC	6487B07A	C7AC7F07	AC7FC7AC	7747AC7A	AC7AC7AC	AC7AC7F0	7AC7F07A	C7747AC7	AC0007AC
8707AC85	C7EC7AC7	F07AC7FC	7A877400	07A87AC7	B07B07F0	7AC7FC7A	30043407	C7747AC7	6715020C
0000E240	EC63C7AC	7AC7AC7F	07AC7FC7	7AC7787A	7AC7AC7A	F07AC7FC	7AC7787A	F07AC7FC	C7AC00C7
AC2887B0	6347B07A	C7F07A87	F87A4774	0007A87A	C7B07B07	EC7AC7F8	7AC7747B	07B00434	07B0C0502
1B0000E2	40EC6587	B07AC7AC	7EC7AC7F	47AC7AC7A	47AC7AC7A	7AC7AC7A	C7EC7AC7	F47AC77A	7AC7AC00
07AC87C7	AC8587AC	7AC7F07A	7AC7F07A	74C0C7A8	7AC7B07B	07F07AC7	F47AC774	7AC7B004	3407B295
C234C00C	E240EC66	07AC7AC7	AC7F07AC	7F47AC77	47AC7AC7	AC7AC7AC	7AC7EC7A	C7F87AC7	747AC7AC
C087AC28	87AC6347	AC7AC7EC	7A87FC7A	87740007	A87B07B4	7B07F07A	C7FC7AC7	747AC7B0	043407D8
45023EC0	00E240EC	C7AC7F07	C7AC7F07	AC7FC7AC	7747AC7A	C7AC7AC7	AC7AC7F0	7AC7FC7A	C7747AC7
AC1947AC	87B07B07	EC7A87FC	7AC7AC7E	7A877400	07A87AC7	B07B07EC	7AC7F87A	C7747B07	B0043407
FE05026B	C0C0E240	EC6707B0	7AC7AC7E	C7AC7F87	AC7747AC	7AC7AC7A	C7AC7AC7	F07AC7F4	7AC7747A
C7AC0D47	AC2887AC	6347AC7A	C7F07AC7	F47A8774	0007A87A	C7B07B07	F07AC7F4	7AC7747B	07B00434
0823C502	554C00E2	AC7AC7AC	AC7AC7AC	7F07AC7F	47AC7747	AC7AC7AC	7AC7AC7A	C7F07AC7	F87AC774
7AC7AC1D	C7AC7800	AC3587AC	7AC7EC7A	97F87A47	740007A8	AC7AC7AC	07EC7AC7	FC7AC778	7B07B004
34084985	024F8000	E240EC68	C7B07B07	B07EC7B0	7FC7AC77	47AC7AC7	AC7AC7AC	7AC7EC7A	C7FC7AC7
747AC7AC	0F47AC28	87B06347	B07AC7EC	7A87FC7A	87740007	A87B07B4	7B07F07A	C7FC7AC7	747AC7B0
0434086F	35C230C0	00E240EC	6887AC7A	C7AC7F07	AC7F87AC	7747AC7A	C7AC7AC7	AC7AC7F0	7AC7F47A
C7747AC7	AC0C47AC	8774AC85	87AC7AC7	FC7AC7F4	7A877400	07A87AC7	B07B07EC	7AC7F47A	C7747EC7
B004340B	94F5020C	0000E240	EC6907AC	7AC7AC7E	C7AC7F47	C7AC7F47	7AC7AC7A	C7AC7AC7	EC7AC7F4
7AC7747A	C7AC0C07	AC2887AC	6347AC7A	C7EC7AC7	F87A8774	0007A87A	C7B07B07	EC7A87F8	7AC7747A
C7B00434	08B8E502	1B4000E2	40EC6987	AC7AC7A8	7EC7A87F	C7AC7747	AC7AC7AC	7AC7B07A	C7EC7AC7
FC7AC778	7AC7AC0J	C7AC87C7	AC8587B0	7AC7F07A	87FC7A47	740007A8	7AC7B07B	07F07AC7	FC7AC774
7B07B004	34C8EC75	0234C000	E240EC6A	07E07AC7	AC7F07AC	7F87AC77	47AC7AC7	AC7AC7AC	7AC7F07A
C7F87AC7	747AC7AC	0007AC28	87AC6347	B07B07F0	7AC7F87A	87740007	A87B07B0	7B07F07A	C7F87AC7
747B07B0	0434C906	25C23EC0	00E240EC	6A87B07A	C7AC7EC7	AC7F47AC	7747AC7A	87A87A87	AC7AC7EC
7AC7F47A	C7747AC7	AC0007AC	8707AC35	EC87AC7C	7AC7AC7E	7A877400	07AC7B07	B07E07EC	7AC7F47A
C7747B07	B0043409	2BEC026B	0000E240	EC6B07AC	C7AC7F87	C7AC7F87	AC7747AC	7AC7AC7B	07B07B07
EC7AC7F8	7AC7787A	C7AC0447	B028C7B0	6347B07A	C7F07A87	FC7A4778	0007A87A	C7B07B07	F07AC7FC
7AC7787B	07B0C434	0951A5C2	D9C010E2	40EC6B87	7F07B07AC	7F07B07AC	AC7AC7AC	AC7AC7AC	7AC7AC7A
C7FC7AC7	FC7AC774	7AC7AC14	C7AC7077	B0C8587B	7B07F07A	C7FC7A87	07EC7AC7	7B07B47B	47F07B07
F87B0774	7AC7AC7A	34097765	024FC000	E240EC6C	07AC7AC7	7F87AC77	7F87AC77	47AC7AC7	AC7B07E0
7AC7F07A	C7F47AC7	747AC7AC	747AC7AC	1907AC28	C7AC6347	AC7AC7F0	7A87F47A	A87AC7B0	7B07F07A
C7F47AC7	747B07B0	0434C99D	150230C0	00E240EC	00E240EC	AC7F87AC	87740007	7747AC7A	C7AC7AC7
AC7AC7F0	7AC7F87A	C7747AC7	AC0007AC	8707AC85	C7AC7AC7	EC7AC7F8	7A877400	C7A87B07	B07B07EC
7AC7F87A	C7747AC7	AC7747AC	AC7747AC	0000E240	EC40C7AC	7AC7AC7E	C7A87F87	A87747AC	7AC7AC7B
C7B07B07	F07AC7F8	7AC7747B	7AC7747A	C7AC0007	6347AC7A	C7F07A87	F87A4774	00C7A87A	C7B07B07

RECORD 1153 OF FILE 1
 LENGTH = 7290 BYTES

24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924

APOLLO 12 LM/ALSEP

SELECTED MOONQUAKE EVENTS ON TAPE

69-099C-03T

PSPG-00484

This data set has been restored. There were originally two 7-track, 800 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on an IBM 360 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005593	DS005593	D022557	1	01/17/72 - 04/23/72 (a)
		D022558	2	09/23/72 - 10/15/72 (b)

- o (a) D022557: Read errors occurred in records 517, & 998 of file 1.
- o (b) D022558: Read error occurred in record 3 of file 1.

Refer to 69-099C-03R

Page 12
69-0900-037

```
XXFT06F001 DD SYSOUT=OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE) 00000250
IEF6531 SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265)
XXFT07F001 DD SYSOUT=E,DCB=(RECFM=FB,BLKSIZE=7280,LRECL=80) 00000260
XXSYSPRINT DD SYSOUT=OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE), 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=7TRACK,DISP=(OLD,KEEP),LABEL=(01,BLP,IN),
// DCB=(BLKSIZE=32000,RECFM=U,DEN=2,TRTCH=C),
// VOL=SER=JJ0013
//GC.DATAS CD *
```

```
IEF2361 ALLOC. FOR YZJRJLR5 GO
IEF2371 231 ALLOCATED TO PGM=*,DD
IEF2371 331 ALLOCATED TO FT05F001
IEF2371 331 ALLOCATED TO FT06F001
IEF2371 232 ALLOCATED TO FT07F001
IEF2371 331 ALLOCATED TO SYSPRINT
IEF2371 231 ALLOCATED TO SYSPRINT
IEF2371 232 ALLOCATED TO SYSPRINT
IEF2371 0C0 ALLOCATED TO FT08F001
```

RECORD 1 OF FILE 1
LENGTH = 18 BYTES

575565CF 00000000 0C01DB40 00105869

22557
01/17/7 - 4/23/7

RECORD 2 OF FILE 1
LENGTH = 18 BYTES

575565CF 00000000 0C01DB40 00105869

RECORD 3 OF FILE 1
LENGTH = 3645 BYTES

0586996F	C3027840	00E240EC	4288387B	C7C08387	BC7C0348	78C85C83	87BC7C00	0083873C	7C000000
00586999	5830278C	000E240E	C4308387	BC7C0838	78C7C020	CDA4C1C8	387BC7C0	0008347B	C7C00000
00058699	BB430278	400E240E	EC438834	78C7C083	478C7C00	5078C85C	8307BC7C	00008317	BC7C0000
00005869	9E0F3027	88000E24	0EC44083	473C7C08	347BC7C0	26CDA8C1	C83478C7	C0000934	78C7C000
00000586	9A06B302	780000E2	40EC4488	347BC7C0	83473C7C	039878C8	5C83478C	7C000033	478C7C00
00000058	69A2C730	2F8C000E	240EC450	83478C7C	08347BC7	C0000DA4	C1C8347B	C7C40008	3478C7C4
00000005	869A5233	0278C000	E240EC45	88347BC7	C483478C	7C000078	C85C8347	BC7C0000	83478C7C
00000000	5869A77F	30278C00	0E240EC4	6083878C	7C08387B	C7C00000	A8C1C838	78C7C000	08347BC7
C0000000	05869A9D	A3027800	00E240EC	4688347B	C7C09347	BC7C0000	78C85C83	478C7C00	0083478C
7C000000	005869AC	36302780	000E240E	C4708347	BC7C0834	78C7C000	0DA8C1C8	347BC7C0	0008347B
C7C00000	0005869A	E9230278	C000E240	EC478834	78C7C083	478C7C01	4478C85C	83478C7C	00008347
BC7C0000	00005869	B0EE3027	80000E24	0EC48083	478C7C08	347BC7C0	000DA4C1	C83873C7	C0000838
78C7C000	00000586	9B34A302	78C000E2	40EC4888	387BC7C0	83878C7C	00C878C8	5C83873C	7C000083
87C07C00	00000058	69B5A530	2780000E	240EC490	8347C07C	08347C07	C0000DA8	C1C8347B	C7C00008
347BC7C0	00000005	869B8013	02788000	E240EC49	88347BC7	C093478C	7C000078	C85C8347	BC7C0000
83478C7C	00000000	58698A5D	30278800	0E240EC4	A083478C	7C08387B	C7C0340D	A4C1C838	78C7C000
083878C7	C0000000	05869BCB	93027840	00E240EC	4A88387C	07C08387	BC7C00F4	78C85C83	478C7C00
0083478C	7C000000	005869BF	1430278C	000E240E	C4808347	BC7C0834	78C7C018	CDA4C1C8	3478C7C0
0008347B	C7C00000	0005869C	17030278	4000E240	EC488384	78C7C083	478C7C00	0878C85C	83478C7C
00008347	BC7C0000	00058699	C3C30278	88000E24	0EC4C083	878C7C08	387BC7C0	00CDA8C1	C8387C07
C0000834	7C07C000	00000586	9C628302	780000E2	40EC4C88	347C07C0	8347C07C	00007328	5C8347C0
7C000083	478C7C00	00000058	69C88330	2F3C000E	240EC4D0	83478C7C	083478C7	C0000A14	C1C8387B
C7C00008	3478C7C0	00000005	869CADF3	0278C000	E240EC4D	883478C7	C083478C	7C006378	C85C8347
BC7C0000	83478C7C	00000000	5869C038	30278C00	0E240EC4	E093478C	7C08347B	C7C0053D	A8C1C834
78C7C000	08347BC7	C0000000	05869CF9	73027800	00E240EC	4E83478C	C7C08347	C07C0000	78C85C83
47C07C00	0083478C	7C000000	005869D1	F3302780	000E240E	C4F08387	BC7C0838	78C7C03F	CDA8C1C8
387BC7C0	0008387B	C7C00000	0005869D	44E30278	C000E240	EC4F8838	78C7C083	878C7C00	D478C85C

RECORD 3 OF FILE 1
LENGTH = 7290 BYTES

D-22558
9/23/71-10/15/71

55B52F0A	8502FFC0	00E240EC	52800000	00008340	007BC000	7C000000	00000000	00000834	0007BC00
07C00000	0018C000	6CC00085	40000008	340007B8	0007C000	00000000	00000834	00073C00	07C40000
0055B52F	304502FF	C000E240	EC530000	00000083	40007BC0	007C0000	00000000	00000038	340007BC
0007C000	000000C0	00D3C000	C8400000	08340007	BC0007C0	00000000	00000008	3400073C	0007C000
000055B5	2F55F502	FFC000E2	40EC5380	00000000	8340007B	C0007C00	00000000	00000030	08340007
BC0007C0	00000000	C0006CC0	00854000	00083400	07BC0007	C0000000	00000000	08340007	BC0007C0
00000055	B52F7B85	02FFC000	E240EC54	00000000	00834000	7BC0007C	00000000	00000000	00083400
07BC0007	C0000000	000000D3	C000C840	00000834	00073C00	07C00000	00000000	00083400	07BC0007
C0000000	55B52FA1	7502FFC0	00E240EC	54800000	00008340	007BC000	7C000000	00000030	00000830
0007BC00	07C40000	00000000	6CC00085	40000008	340007BC	0007C400	00000000	00000334	0007BC00
07C00000	0055B52F	C73502FF	C000E240	EC550000	00000834	40007BC0	007C0000	00000030	00000085
340007BC	0007C000	00000680	00D3C000	C8400000	08340007	BC0007C0	00000000	00000008	340007BC
0007C000	000055B5	2FE0F502	FFC000E2	40EC5580	00000000	8340007B	C0007C00	00000000	00000000
08340007	BC0007C0	00000006	C0006CC0	00854000	00083400	07BC0007	C0000000	00000030	08340007
BC0007C0	00000055	B53012A5	02FFC000	E240EC56	00000000	00834000	7BC0007C	00000030	00000000
00083400	07BC0007	C0000000	000000D3	C000C840	00000834	00073C00	07C00000	00000030	00083400
07BC0007	C0000000	55B53038	7502FFC0	00E240EC	56800000	00083400	007BC000	7C000000	00000000
00000830	0007BC00	07C00000	00000000	6CC00085	40000008	300007BC	0007C400	00000000	00000834
0007BC00	07C40000	0055B530	5E2502FF	C000E240	EC570000	00000834	40007BC0	007C0000	00000000
00000008	340007BC	0007C000	00000680	00D3C000	C8400000	08340007	BC0007C0	00000030	00000085
340007BC	0007C000	000055B5	3083E502	FFC000E2	40EC5780	00000000	8340007B	C0007C00	00000000
00000000	08340007	BC0007C0	00000007	80006CC0	00854000	00083400	07BC0007	C0000030	00000000
08340007	BC0007C0	00000055	B530A995	02FFC000	E240EC58	00000000	00834000	7BC0007C	00000000
00000000	00083400	07BC0007	C0000000	064000D3	C000C840	00000834	0007BC00	07C00000	00000000
00083400	07BC0007	C0000000	55B530CF	5502FFC0	00E240EC	58800000	00083400	00083400	007BC000
00000000	00000834	0007BC00	07C00000	00068000	6CC00085	40000008	340007BC	0007BC00	007C0000
00000834	0007BC00	07C00000	0055B530	F51502FF	C000E240	EC590000	00000834	40007BC0	00000000
00000000	00000008	340007BC	0007C000	00003340	00D3C000	C8400000	08340007	BC0007C0	007C0000
00000008	340007BC	0007C000	000055B5	311A0502	FFC000E2	40EC5980	00000000	8340007B	C0007C00
00000000	00000000	08300007	BC0007C0	00000000	00005CC0	00854000	00083400	07BC0007	C0000000
00000000	08300007	BC0007C0	00000055	B531A085	02FFC000	E240EC5A	00000000	00834000	7BC0007C
00000000	00000000	00083400	07BC0007	C0000000	2DC030D3	C000C840	00000834	0007BC00	07C00000
00000000	00083400	07BC0007	C0000000	55353166	4502FFC0	00E240EC	5A800000	00083400	007BC000
00000000	00000834	0007BC00	07C00000	0007BC00	000E1008	6CC00085	40000008	340007BC	0007C000
00000000	00000834	0007BC00	07C00000	0055B531	8C0502FF	C000E240	EC5B0000	00000033	40007BC0
007C0000	00000000	00000008	00000008	340007BC	00002A00	00D3C000	C8400000	08340007	BC0007C0
00000000	00000008	340007BC	0007C000	000055B5	31B1C502	FFC000E2	40EC5B80	00000030	8340007B
C0007C00	00000000	00000000	08340007	BC0007C0	00000000	0006CC00	00854000	00083400	07BC0007
C4000000	00000000	08340007	BC0007C0	00000055	B531D785	02FFC000	E240EC5C	00000000	08340007
7BC0007C	00000000	00000000	00083400	07BC0007	C0000000	3FC000D3	C000C840	00000834	0007BC00
07C00000	00000000	00083400	07BC0007	C0000000	55B531FD	3502FFC0	00E240EC	5C800000	00008340
007BC000	7C000000	00000000	00000834	0007BC00	0007C000	07C00000	00000000	6CC00085	40000008
0007C000	00000000	00000834	0007BC00	0007BC00	07C00000	00553532	22F502FF	C000E240	EC5D0000
40007BC0	007C0000	00000000	00000000	00000008	340007BC	00000640	00D3C000	C8400000	08340007
BC0007C0	00000000	00000008	340007BC	0007C000	000055B5	3248B502	FFC000E2	40EC5280	00000000
8340007B	C0007C00	00000000	00000000	08340007	BC0007C0	00000013	00006CC0	00854000	00083400
07BC0007	C0000000	00000000	08340007	BC0007C0	00000055	B532E75	02FFC000	E240EC5E	00000000
00834000	7BC0007C	00000000	00000000	00083400	07BC0007	C0000000	254000D3	C000C840	00000834
0007BC00	07C00000	00000000	00083400	073C0007	C0000000	55B53294	2502FFC0	00E240EC	5E800000
00008340	007BC000	7C400000	00000000	00000834	00073C00	07C40000	00070000	6CC00085	40000008
340007BC	0007BC00	00000000	00000834	0007BC00	07C00000	0055B532	B9F502FF	C000E240	EC5F0000
00000083	40007BC0	007C0000	00000000	00000008	340007BC	0007C000	00000880	00D3C000	C8400000
08340007	BC0007C0	00000000	00000008	340007BC	00070000	000055B5	32DEA502	FFC000E2	40EC5F80
00000000	8300007B	80007C00	00000000	00000000	08300007	BC0007C0	0000000F	00006CC0	00854000
00083000	07BC0007	C0000000	00000000	08300007	BC0007C0	00000055	B5330565	02FFC000	E240EC60
00000000	00830000	7BC0007C	00000000	00000000	00083400	07BC0007	C0000000	08340007	BC0007C0
00008340	0007BC00	07C00000	00000000	00083400	07BC0007	C0000000	55B53328	1502FFC0	00E240EC
60800000	00008340	0007BC00	7C000000	00000000	00000834	0007BC00	00358030	00358030	6CC00085
40000008	340007BC	0007C000	00000000	00008340	00073C00	07C00000	0055B533	50D502FF	C000E240
EC610000	00000083	4007BC00	00000000	00000008	00000008	340007BC	000055B5	33769502	FFC000E2
CB400000	08340007	BC0007C0	00000000	00000008	00000008	0007C000	000055B5	33769502	FFC000E2
40EC6180	00000000	8300007B	C0007C00	00000000	00000000	08300007	BC0007C0	00000030	00006CC0
00854000	00083400	07BC0007	C0000000	00000000	08340007	BC0007C0	00000055	B5339C55	02FFC000
E240EC62	00000000	00834000	7BC0007C	00000000	00000000	00083400	07BC0007	C0000000	00E000D3
C000C840	00000334	0007BC00	07C00000	00000000	00083400	07BC0007	C0000000	55B533C2	1502FFC0
00E240EC	62800000	00083400	007BC000	7C000000	00000000	00008340	00008340	0007BC00	07C00000
6CC00085	40000008	340007BC	0007C000	00000000	00000834	0007BC00	07C00000	0055B533	E7D502FF
C000E240	EC630000	00000083	00000083	00007BC0	007C0000	00000000	00300008	340007BC	0007C000
00D3C000	C8400000	08340007	BC0007C0	00000000	00000000	00000834	0007BC00	0007C000	00000240
FFC000E2	40EC6380	00000000	8340007B	C0007C00	00000000	00000000	00000000	08340007	BC0007C0
C0006CC0	00854000	00083400	07BC0007	C0000000	00000000	08340007	BC0007C0	00000055	00000007
02FFC000	E240EC64	00000000	00834000	7BC0007C	00000000	00000000	00000000	00083400	07BC0007
184000D3	C000C840	00000834	0007BC00	07C00000	00000000	00083400	07BC0007	C0000030	55B53459
0502FFC0	00E240EC	64800000	00083400	007BC000	7C000000	00000000	00008340	0007BC00	07C00000
00000000	6CC00085	40000008	340007BC	0007C000	00000000	00008340	0007BC00	07C00000	0055B534

APOLLO 14 LM/ALSEP

SELECTED MOONQUAKE EVENTS ON TAPE

71-008C-04T

PSPG-00477

This data set has been restored. There were originally two 7-track, 800 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on an IBM 360 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005594	DS005594	D022560	1	08/04/71 - 10/15/71
		D022559	2	01/17/72 - 04/23/75

Refer to 69-099C-03R

```

IEF2851 VOL SER NOS= K3SYS6.
IEF2851 SYS7605C.T085602.RV000.YZJRJLR1.LODMGD PASSED
IEF2851 VOL SER NOS= K3SCR3.
IEF2851 SYS7605C.T085602.SV000.YZJRJLR1.R0000521 SYSOUT
IEF2851 VOL SER NOS= K3SCR2.
IEF2851 SYS7605C.T085602.SV000.YZJRJLR1.R0000522 SYSOUT
IEF2851 VOL SER NOS= K3SCR3.
IEF2851 SYS7605C.T085602.RV000.YZJRJLR1.R0000523 DELETED
IEF2851 VOL SER NOS= K3SCR4.
IEF2851 SYS7605C.T085602.RV000.YZJRJLR1.S0000524 SYSIN
IEF2851 VOL SER NOS= K3SCR4.
IEF2851 SYS7605C.T085602.RV000.YZJRJLR1.S0000524 DELETED
IEF2851 VOL SER NOS= K3SCR4.
IEF3731 STEP /LINK / START 76050.1828
IEF3741 STEP /LINK / STOP 76050.1828 CPU OMIN 01.64SEC MAIN 130K LCS OK
- STEP 02 - RETURN CODE = 0000

```

```

XXGO EXEC PGM=*.LINK.SYSLMOD,COND=(4,LT),REGION=70K STEP TIME = .20 MINS=(CPU=.02,IO=.18)
XXFT05F001 DC DDNAME=DATAS .56,TAPE= .00,CEL= .00,OTHR= .17
XXFT06F001 DC SYSOUT=ECUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE) 00000230
IEF6531 SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265) 00000240
XXFT07F001 DC SYSOUT=E,DCB=(RECFM=FB,BLKSIZE=7280,LRECL=80) 00000250
XXSYSPRINT DC SYSOUT=ECUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE), 00000260
IEF6531 SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265), 00000270
XX SPACE=(CYL,(0,1)),UNIT=(DISK,3) 00000280
//GO.FT08F001 DD UNIT=7TRACK,DISP=(OLD,KEEP),LABEL=(01,BLP,,IN),
// DCB=(BLKSIZE=32000,RECFM=U,DEN=2,TRTCH=C),
// VOL=SER=JJ0078
//GO.DATAS DC *

```

```

IEF2361 ALLOC. FOR YZJRJLR1 GO
IEF2371 232 ALLOCATED TO PGM=*.DD
IEF2371 231 ALLOCATED TO FT05F001
IEF2371 332 ALLOCATED TO FT06F001
IEF2371 332 ALLOCATED TO FT07F001
IEF2371 332 ALLOCATED TO SYSPRINT
IEF2371 231 ALLOCATED TO SYSPRINT
IEF2371 232 ALLOCATED TO SYSPRINT
IEF2371 0C0 ALLCCATED TO FT08F001

```

RECORD 1 OF FILE
LENGTH = 18 BYTES

575565CF 00000000 0E01CB40 00005869

RECORD 2 OF FILE
LENGTH = 18 BYTES

575565CF 00000000 0E01DB40 00005869

RECORD 3 OF FILE
LENGTH = 7290 BYTES

05865547	33020C00	C0E240EC	48083883	88387F48	387C8838	7B483883	88388388	388387F8	8387CC83
87BC8388	38134838	DE083861	08388387	F88387CC	8387CC83	88388388	388387F8	8387CC83	87E48388
38058655	6CF30200	0000E240	EC488838	8348387F	88387CC8	387FC838	83883883	88388387	F88387CC
83881483	88380C08	3880483C	85C83883	C7F88387	CC838824	83883883	88388387	F88387C8	83882C83
88380586	95928302	000000E2	40EC4908	38838838	7F88387C	88388288	38838838	83883C83	87F88387
C883881C	83883813	483EDE08	3C610838	8387F883	88388388	88388388	83883883	87F88387	CC8387F0
83883805	86958873	020C0000	E240EC49	883883C8	3C7F4838	7CC8387D	88388348	34834834	8347F483
87CC8347	C4836834	0EC8348C	083465C8	348347F4	8387CC83	878C8388	38838838	8347F483	47CC8347
B8834834	058655DE	230200C0	00E240EC	4A083883	88387F88	387CC838	7C083883	883883C8	3C83C7F8
83C7CC83	C7DC83C8	3C34083C	DE083C61	083C83C7	F88407CC	8407E883	C83C83C8	3C83C7F8	8387CC83
87FC8388	3C058696	03E30200	000CE240	EC4A883C	83C83C7F	883C7CC8	3C80C83C	83C83C83	883C83C7
F883C7C8	83C81C83	883E0E48	38804838	85C83883	87FC8387	C8838828	83883883	88388387	FC8387CC
83882883	88380586	9629A302	000000E2	40EC4808	38838838	7FC83C7C	C83C81C8	3C83C83C	83C93C83

April 14
71-008-017

11-22559
1/17/72 - 4/23/75

71C7B0FF	C7AC7A87	A87A87A8	7A47D47A	471C7A8F	FC7AC7AC	3687A8FF	C7A80007	A87AC7DC	7B071C7B
0FFC7B47	B07AC7AC	7AC7DC7B	47207B4F	FC7B47B0	248C2393	EF020000	00E240EC	5E07AC7B	07B07D87
B07207B0	FFC7B07A	C7AC7AC7	A87A47E0	7A47207A	4FFC7AC7	AC2D47AC	0007ACFF	C7AC7A87	E47A8720
7ACFFC7B	07AC7AC7	A87A87E0	7B07207B	0FFC7B07	B0248C23	B9AF0200	0000E240	EC5E87AC	7AC7AC7D
C7B07207	B0FFC7B4	7B47B47B	07AC7A87	E07A471C	7A4FFC7A	87A821C7	B0FFC7B0	0007B07B	C7E47B07
1C7B8FFC	7B47B07B	47B47B47	DC7B071C	7B07B07B	07B4248C	23D6F02	000000E2	40EC5F07	B87347B0
7C07AC72	07A8FFC7	AC7AC7AC	7B07B07B	07D07B07	1C7B0FFC	7B07AC20	47A80007	A8FFC7AC	7A87D47A
87207A8F	FC7AC7A8	7A87A87A	87D47A87	207A4FFC	7A87A824	8C24051F	02000000	E240EC5F	87A87A87
A87D47A8	7207ACFF	C7B07B07	B07AC7AC	7A87DC7A	87207A8F	FC7AC7AC	29C7ACFF	C7B00007	AC7AC7E0
7E07207B	0FFC7B47	B07B07B0	7B07D87B	07207ACF	FC7B07B0	248C242A	DF020000	00E240EC	6007B07B
07AC7D07	A87207A8	FFC7AC7A	C7AC7B07	07B07D87	7B07207B	0FFC7B47	B42347B4	0007B0FF	C7B47B07
C7B47207	7B8FFC7B	C7B07B47	7A87AC7A	7AC7247A	CFCC7B07	AC248C24	509F0200	0000E240	EC6087AC
7AC7AC7D	07AC7247	A8FFC7A8	7A47A07A	07A47A47	D07A8720	7A8FFC7A	C7AC3707	ACFFC7AC	0007A87A
87D87A87	1C7ACFFC	7B07B07B	07B07AC7	DC7AC71C	7ACFFC7B	07B0248C	24766F02	000000E2	40EC6107
B07B07AC	7E47AC71	C7ACFFC7	B07B07B0	7B07B07B	07EC7B47	207B8FFC	7C07B800	07B80007	B0FFC7B0
7E7E7A7B	C7207B0F	FC7B47B4	7B47B07A	C7D47A87	207A8FFC	7AC7AC24	8C249C0F	02000000	E240EC61
87A87A87	AC7C87AC	7207B0FF	C7B47B07	AC7AC7B0	7AC7CC7A	C71C7A8F	FC7A87A8	1247A8FF	C7AC0007
AC7AC7D4	7AC71C7A	CFCC7B07	AC7AC7AC	7A87D87A	871C7A8F	FC7AC7AC	248C24C1	CF020000	00E240EC
6207AC7A	C7AC7D87	B07207B0	FFC7B07A	C7AC7AC7	AC7A87D8	7A87207A	8FFC7A87	A80107AC	0007B0FF
C7B47B47	D87B4724	7B0FFC7B	07A87A87	AC7AC7D0	7AC7207B	0FFC7B47	B4248C24	E78F0200	0000E240
EC6287B4	7B47B47C	C7B47207	B4FFC7B8	7B47B47B	47B47B07	D47B0720	7ACFFC7B	07AC2107	B0FFC7B4
40C7B47B	87E07B47	207E0FFC	7B07AC7A	C7AC7AC7	DC7AC720	7ACFFC7A	C7AC248C	250D4F02	000300E2
00EC6307	A87AC7AC	7D47B072	07B0FFC7	B07AC7AC	7B07B47B	47D87B47	207B0FFC	7B07AC00	07B00007
ACFFC7B0	7AC7EC7A	E72C7ACF	FC7AC7AC	7AC7AC7A	C7DC7AC7	1C7ACFFC	7B07B024	8C2532FF	02000000
E240EC63	87B07B47	B47D87B4	71C7B0FF	C7B47B47	B87B87B4	7B47DC7B	071C7B0F	FC7B07B0	1EC7B0FF
C7B00007	AC7AC7DC	7A87207A	8FFC7AC7	AC7AC7AC	7AC7D47A	87247A8F	FC7AC7A8	248C2558	BF020000
00E240EC	6407A87A	87AC7C7B	AC7247B0	FFC7B07B	07AC7B07	B07B07CC	7AC7247A	CFCC7B07	AC2E87B0
0007B0FF	C7B47B47	D87B0720	7ACFFC7A	C7A87AC7	807B87E0	7BC7207B	4FFC7B07	B0248C25	7E7F0200
0000E240	EC6487B4	7B47B07D	C7B07207	B4FFC7BC	7BC7BC7B	87B47B07	D87AC720	7A8FFC7A	C7A82E07
ACFFC7B0	0007AC7A	C7D47A87	207A4FFC	7A87A87A	C7AC7B07	CC7B0724	7ACFFC7B	07B0248C	25A42F02
000000E2	40EC6507	B47B07B0	7C87B072	47B0FFC7	B07AC7A8	7A87A87A	87D07A87	207A8FFC	7AC7AC00
07AC0007	ACFFC7AC	7A87E07A	871C7A8F	FC7AC7AC	C7A7A87A	87E07A87	187ACFFC	7B07B024	8C25C9EF
02000000	E240EC65	87AC7A87	A87D87AC	71C7B0FF	C7B47B07	B07B07B0	7B07D87B	07207B4F	FC7B87B4
0007B4FF	C7B00007	AC7AC7D8	7AC72C7B	0FFC7B47	B47B07B0	7AC7D07A	C7247ACF	FC7AC7AC	248C25EF
AF020000	00E240EC	6607B07B	07B47C47	B87247B8	FFC7B87B	47B07B07	B47B47C4	7B87247B	8FFC7B87
E824C7BC	0007ECFF	C7B07B47	D07B0720	7B0FFC7B	47B07B07	AC7A87D8	7A87207A	CFCC7B47	B4248C26
156E0200	0000E240	EC66E7B4	7AC7A87D	47A871C7	ACFFC7B0	7AC7AC7A	C7AC7B07	D07AC71C	7ACFFC7A
C7AC2447	ACFFC7AC	C007A87A	47D07A07	1C7A0FFC	7A47A47A	87A87AC7	D07AC71C	7A8FFC7A	C7AC248C
263B1F02	000000E2	40EC6707	B07B07B0	7D47B472	07B4FFC7	87B07B07	7B07AC7A	87E07AC7	207B0FFC
7E47B435	47B00007	ACFFC7AC	7AC7E87A	C7207ACF	FC7B07B0	7B47B47B	07E07A87	207A8FFC	7A87A824
8C2660DF	C2000000	E240EC67	87AC7AC7	C7D07A87	7207A8FF	C7A87A87	AC7B07B0	7B07D07A	C7207B0F
FC7B47B0	1D87B0FF	C7B00007	AC7AC7D4	7AC71C7A	CFCC7B07	AC7AC7AC	7A87D47A	87207ACF	FC7B07AC
248C2686	9F020000	00E240EC	6807AC7A	87A87D47	A87207A8	FFC7AC7A	C7B07B47	B87B87D4	7B87247B
4FFC7B87	B40F679A	0007B0FF	C7B07AC7	D87AC724	7ACFFC7B	07AC7AC7	AC7AC7D8	7AC7207A	CFCC7B07
AC248C26	AC4F0200	0000E240	EC6887B4	7B47B07D	47AC7207	A8FFC7AC	7AC7AC7A	C7AC7AC7	D07AC71C
7ACFFC7B	07AC2E07	A87FC7AC	0007A87A	87D47A87	1C7A8FFC	7B07B07B	C7B47B47	D47B0720	7B07FC7B
47B4248C	26D20F02	000000E2	40EC6907	B87B87B4	7D87B472	47B0FFC7	B47B47B4	7B47B47B	47E07B07
247B0FFC	7B47B41B	87B400C7	B4FFC7B4	7B07DC7B	07247ACF	FC7E07AC	7AC7B07B	07D07AC7	207A8FFC
7A87A824	8C26F7CF	02000000	E240EC69	87A47A87	A47C87A8	7207A8FF	C7AC7AC7	B07B07B0	7AC7D07A
87207A8F	FC7AC7AC	3107ACFF	C7AC00C7	AC7B07E0	7B471C7B	4FFC7B47	B07AC7AC	7AC7E47A	47207A4F
FC7A87A4	248C271D	8F020000	00E240EC	6A07AC7A	C7AC7E07	AC7207AC	FFC7B07B	07B07AC7	AC7A87E0
87E7207A	CFCC7B07	B00C07B0	0007B0FF	C7B47B07	DC7B0720	7B0FFC7B	07AC7AC7	AC7AC7D8	7A87207A
8FFC7AC7	AC248C27	434F0200	0000E240	EC6A87AC	7AC7B07D	47B471C7	B8FFC7C0	7B87B87B	87B87B47
D47B071C	7ACFFC7A	C7AC0047	ACFFC7AC	0007A87A	87D47A87	207A8FFC	7AC7AC7A	C7AC7A87	D07A8724
7ACFFC7B	07AC248C	2768FF02	000000E2	40EC6807	AC7A87A8	7C87A872	47A8FFC7	AC7AC7B0	7B47B87B
47CC7B07	247B0FFC	7B07B035	07B000C7	B4FFC7B8	7B87D87B	87207B8F	FC7B47B0	7B07AC7A	C7DC7A87
207A8FFC	7AC7A824	8C278EBF	02000000	E240EC68	87A87A47	A47D87A8	71C7A8FF	C7A87A47	A47A47A4
7A47D47A	87207A8F	FC7AC7AC	2C47ACFF	C7AC0007	AC7AC7D0	7AC7207A	CFCC7B07	B07B07B4	7B07D07A
C7207ACF	FC7B07B0	248C27B4	7F020000	00E240EC	6C07AC7A	C7AC7D07	AC7207AC	FFC7B07B	07B07AC7
AC7A87E8	7A87207A	8FFC7B07	AC36C7AC	0007ACFF	C7B07AC7	E47AC720	7B0FFC7B	07B07AC7	AC7A87D0
7A47207A	8FFC7AC7	A8248C27	DA2FC200	0000E240	EC6C87AC	7AC7AC7C	87AC71C7	B0FFC7B4	7B47B47B
87B87B87	D07B871C	7B8FFC7B	47B000C7	ACFFC7B0	0007AC7A	C7DC7B07	207B8FFC	7B87B47B	07AC7B07
D87B8720	7B4FFC7B								

RECCRD 1981 OF FILE 1
LENGTH = 7290 BYTES

24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249

D-22560
8/10/171 - 10/15/71

45837869	A5020000	00E240EC	48885485	885870A8	547C8850	82084C85	08508548	58858704	8547C885
48248508	50004854	AC485491	48508507	D48507C8	85482485	48508548	54854700	8507C485	08248508
50458378	8F650200	0000E240	EC490858	8548547D	08547C08	54824854	85485485	48548507	D48507C0
85082485	48582AC8	58960858	78885485	07D48507	C4850824	85485485	48508507	348547C8	85482485
48544583	78851502	000000E2	40EC4988	54854854	7D48547C	88508248	54854854	85485085	07D484C7
C8850820	85085C24	4854AC48	58918854	8547D485	07C48508	24850850	85085485	87D08547	C4850824
85085445	B378DAD5	02000000	E240EC4A	08548548	547D0858	7C485882	48548548	50854858	8587D085
47C48508	2485084C	34484C96	08507888	548547D4	8547C485	82485088	50850850	8547D485	47C88548
24854854	45837C00	95020000	00E240EC	4A885485	885870A8	547C8854	82485085	48548548	548547D4
8547C885	48248548	540AC850	AC485491	48548547	D48507C4	85082484	C8508508	548587D4	8587C485
88208588	5445837C	26550200	0000E240	4EC48085	8508507D	48547C48	54820858	85485485	48508507
D48507C4	85082085	08500008	30960854	78C85485	87D48587	C8854820	85485085	08508507	D48547C8
85482485	08504583	7C4C0502	000000E2	40EC4888	54914854	8548547C	88548248	54854854	85085085
47D08547	C8854820	85485400	C854AC48	54914854	8547D485	47C48508	24850850	85485485	47D08547
C4850824	85085045	837C71C5	02000000	E240EC4C	08548548	547D4854	7C885482	48548548	54854854
8547D485	47C88508	24854854	01085496	085078C8	508507D4	8507C885	08248508	50850850	8507D485
07C88548	20858858	45837C97	85020000	00E240EC	AC885485	8547D488	547C4854	82485085	08508508
548547D4	8547C485	48208508	50000850	AC485091	88508507	D88507C8	85482085	88588548	548547D8
8507C885	08208548	5445837C	8D450200	0000E240	EC4D0850	8508547D	88547CC8	58820854	85085085
08508547	D88547C8	85482485	48548248	54960854	78885885	87D08587	C8858824	85485485	48548547
D48547C8	85482485	48504583	7CE2F502	000000E2	40EC4D88	50850854	7D48547C	88548248	54854854
85885885	47D48547	C4850824	8508502F	C854AC48	58918858	8547D485	07C48508	24850850	85085085
07D48507	C8850624	85485445	837D0885	02000000	E240EC4E	08548548	547D4850	7C885082	48508508
54854854	8547D485	47C88548	24850850	1D485096	08507888	508507D4	8507C484	C8208508	50850854
8547D485	47C48548	20854858	45837D2E	75020000	00E240EC	A8854854	8547D488	547C4854	82085084
C8508548	548587D4	8547C885	48208508	500E8850	AC485491	48548587	D48587C8	85482085	48508508
508547D4	85077C85	08208508	5045837D	54350200	0000E240	EC4F0850	8548547D	48547C88	54824854
85085485	48548587	D88547CC	D88547CC	85482485	08501CC8	54960858	87D48547	C8854824	85085085
08548587	D48587C8	D48587C8	D48587C8	D48587C8	7D79E502	000000E2	40EC4F88	50854854	7D48547C
50850854	85485885	87D48547	87D48547	87D48547	85485400	0854AC48	58914858	8547D485	07C48508
85485885	87D48547	C8850820	85085045	837D9FA5	02000000	E240EC50	08548548	507D4850	7C885082
08508548	54854E50	8507D485	07C88508	20854854	00085896	085878C8	588587D4	8547C885	08208508
50854854	8547D485	07C88508	20850850	45837D0C	65020000	00E240EC	50885885	88547D48	547C8854
82085485	48548548	548547D4	8507CC85	08248548	541E8854	AC485491	88548547	D48507CC	85082485
084C8508	508547D4	8547C885	48248548	5445837D	EB250200	0000E240	EC510854	8588547D	48547C88
50824850	85085485	88508547	D48507C8	85082485	08502408	54960854	78C85485	47D48547	C4858824
85885485	48548547	D48547C4	85482485	48544583	7E10D502	000000E2	40EC5188	54854854	7D48507C
88508248	50850850	85085485	47D48507	C8854824	85485835	C858AC48	58918854	8547D485	47C88548
24854854	85485485	47D48507	C8850824	85085045	837E3695	02000000	E240EC52	08588548	507D4850
7C885082	48548588	58858854	8507D885	07C48508	24850854	23485496	085478C8	548547D8	8507C485
08208508	54854E54	8547D485	47C88548	20850850	45837E5C	55020000	00E240EC	52885085	08547D48
547C8854	82085485	48548548	548507D4	8507C885	08208508	5445837E	88274858	AC485491	D48547C8
85482485	08508508	548547D4	8507CC85	08208508	D48587C4	85482485	80502000	0000E240	EC530858
48507C88	50824850	85085485	88508587	D48587C4	85482485	48544583	485400C8	54960854	78C85485
C4854824	85485485	48548547	D48547C4	85482485	48544583	7EA7C502	000000E2	40EC5388	50850850
7D48507C	48548248	54854854	85485485	47D48507	C8850824	85085001	8854AC48	54918854	8547D485
47C88548	20854E54	85485485	07D48507	CC850820	85085045	837EC085	02000000	E240EC54	08548548
507D8850	7CC85082	08508548	54854854	8547D885	07C88508	20850854	00085896	085878C8	548507D8
8507C885	482C8548	54854854	8547D485	47C48548	20854850	45837EF3	45020000	00E240EC	54885085
48587D48	547C8854	82085085	08508508	548547D4	8547C885	48248548	50138850	AC485491	48548587
D48587C8	85482485	48588588	548547D4	84C7C885	08248548	5445837F	18F50200	0000E240	EC550854
8508507D	48587C48	54824854	85485485	48548547	D48547C4	85482485	88582FC8	58960854	78C85085
07D88547	C4854E24	85885885	48548547	D88587C4	85482485	48544583	7F3E8502	000000E2	40EC5588
54854858	7D88547C	88548208	50850850	85485885	87D48587	C8854820	8508501E	C850AC48	54918858
8587D485	87CC8548	20854850	85085485	47D48547	CC850824	85485445	837F6475	02000000	E240EC56
08588588	547D8850	7C885082	08508508	54854854	8547D485	47C88548	24854854	07C85496	085478C8
548547D4	8547C885	48248548	54850854	8547D485	47C48548	24854854	45837F8A	35020000	00E240EC
56885885	88587D48	587C8854	82085485	08508508	508547D8	8547C885	48248548	54000854	AC485491
4E548547	D48547C8	85082485	C8508548	548547D4	8547C885	88248588	5845837F	AFE50200	0000E240
EC370850	85085C7D	48547C48	54824854	85485485	48508547	D48547C4	85482485	485410C8	54960854
78C85485	47D48547	C8854824	85485485	48548547	D48507C8	85082485	08544583	7FD5A502	000000E2
40EC5788	54854E54	7D48547C	88548248	54854854	85485485	47D48547	C8850820	85085021	0854AC48
54914854	8507D885	07C88508	20854854	85485085	07D88547	C8858820	85885845	837FF865	02000000
E240EC58	85085088	547D8850	7C885082	08508508	50854854	8547D485	47C48508	20850854	1D085496
085478C8	548547D4	8547C485	48208588	58858858	8547D485	07C88508	24850854	45838021	25020000
00E240EC	58885485	48547D48	587C8858	82085885	48508508	508547D4	8547C885	88248548	541DC850
AC485091	88508507	D48507C8	85082485	08548548	548547D4	8547C885	48248548	54458380	46D50200
0000E240	EC590854	85485C7D	48507C88	54824854	85485485	48508547	D48507C8	85082085	085432C8
54960854	78C85485	47D48547	C8854824	85485485	8548507	D88507C4	85082485	8504583	806C9502
000000E2	40EC5888	54850854	7D88547C	88548248	54854854	85485485	47D88547	C4854824	85485412
0854AC48	50918850	8547D885	47C48588	24858854	85485485	85485485	85082485	85085445	83809255
02000000	E240EC5A	08548548	547D4854	7C885082	08508548	54854854	8547D485	47C88508	20850850
38885496	085078C8	508507D4	8507CC85	48208588	82085885	88548508	508507D4	8507C885	08208548
05020000	00E240EC	48885485	48547D48	D48547C4	85482085	548547D4	8547C885	48208548	54458380
500EC850	AC485491	5A885485	85485485	D48547C4	85482085	548547D4	8547C885	D88507C8	85082085
DDC50200	0000E240	EC580854	85485485	47D88507	C8850820	85085485	085887C4	85882485	88544583
08502988	54560E54	78C85485	40EC5888	50854854	7D48587C	48588248	85485485	87D48547	C4854824
81038502	000000E2	40EC5888	50854854	8587D485	47C88508	2484C84C	85085485	47D48547	85485445
8508500A	8854AC48	54918858	08548548	547D4854	7C885482	48548508	54854858	8587D485	47C88508
B3812945	02CC0000	E240EC5C	08548548	547D4854	7C885482	48548508	54854858	8587D485	47C88508

5

5

5

APOLLO 15 LM/ALSEP
SELECTED MOONQUAKE EVENTS ON TAPE
71-063C-01T PSPG-00094

This data set has been restored. There were originally two 7-track, 800 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on an IBM 360 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005629	DS005629	D022561	1	08/04/71 - 10/15/71 (a)
		D022562	2	01/17/72 - 04/23/75

(a) D022561: Read errors occurred in records 2, 4, 5, 6 of file 1.

Refer to 69-099C-03R

```

IEF285I SYS76050.T085602.SVC00.YZJRJLR2.R0000900 SYSOUT
IEF285I VOL SER NOS= K3SCR3.
IEF285I SYS76050.T085602.SV000.YZJRJLR2.R0000901 SYSOUT
IEF285I VOL SER NOS= K3SCR2.
IEF285I SYS76050.T085602.RV000.YZJRJLR2.R0000902 DELETED
IEF285I VOL SER NOS= K3SCR5.
IEF285I SYS76050.T085602.RV000.YZJRJLR2.S0000903 SYSIN
IEF285I VOL SER NOS= K3SCR2.
IEF285I SYS76050.T085602.RV000.YZJRJLR2.S0000903 DELETED
IEF285I VOL SER NOS= K3SCR2.

```

```

IEF373I STEP /LINK / START 76050.1925
IEF374I STEP /LINK / STOP 76050.1940 CPU 0MIN 01.30SEC MAIN 130K LCS 0K
- STEP 02 - RETURN CODE = 0000

```

```

STEP TIME = .20 MINS=(CPU=.02,IO=.18)
.00,CEL=.00,OTHR=.17

```

```

XXGO EXEC PGM=*.LINK.SYSLMOD,COND=(4,LT),REGION=70K 00000230
XXFT05F001 DD DDNAME=CATAS 00000240
XXFT06F001 DD SYSOUT=8OUT,DCB=(RECFM=WBA,LRECL=137,BLKSIZE=8BLKSIZE) 00000250
IEF653I SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=WBA,LRECL=137,BLKSIZE=7265)
XXFT07F001 DD SYSOUT=8OUT,DCB=(RECFM=WBA,BLKSIZE=7280,LRECL=80) 00000260
XXSYSPRINT DD SYSOUT=8OUT,DCB=(RECFM=WBA,LRECL=137,BLKSIZE=8BLKSIZE), 00000270
IEF653I SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=WBA,LRECL=137,BLKSIZE=7265),
XX SPACE=(CYL,(0,1)),UNIT=(DISK,3) 00000280
//GO.FT08F001 DD UNIT=7TRACK,DISP=(OLD,KEEP),LABEL=(01,BLP.,IN),
// DCB=(BLKSIZE=32000,RECFM=U,DEN=2,TRTCH=C),
// VOL=SER=JJ0024
//GO.CATAS DC *

```

```

IEF236I ALLOC. FOR YZJRJLR2 GO
IEF237I 231 ALLOCATED TO PGM=*.DD
IEF237I 331 ALLOCATED TO FT05F001
IEF237I 331 ALLOCATED TO FT06F001
IEF237I 331 ALLOCATED TO FT07F001
IEF237I 332 ALLOCATED TO SYSPRINT
IEF237I 231 ALLOCATED TO SYSPRINT
IEF237I 232 ALLOCATED TO SYSPRINT
IEF237I 000 ALLOCATED TO FT08F001

```

```

RECORD 1 OF FILE 1
LENGTH = 18 BYTES

```

575565CF 00000000 0F01DCCC 00045B38

```

RECORD 2 OF FILE 1
LENGTH = 18 BYTES

```

575565CF 00000000 0F01DCCC 00045B38

```

RECORD 3 OF FILE 1
LENGTH = 7299 BYTES

```

45B3822F	8502FFC0	00E240EC	57882483	08487F88	54808840	79482881	C82C8448	50FFC7F8	83490882
47988288	3C264850	9308508D	C83C82C7	F8828808	83879C00	085083C8	288247F8	84C80884	879C8388
2C45B382	554502FF	C000E240	EC580850	8508387F	882A8088	2479C838	84C84C83	C828FFC7	FC834808
85479885	C8402188	1C818814	83083485	87FC85C8	08840798	00082083	084484C7	F8838808	82C79483
484045B3	827AF502	FFC000E2	40EC5888	3C834834	7F883880	88407948	4083C838	834834FF	C7F883C8
0883C798	83C83C22	C8389308	308DC830	8407F484	88088487	9800082C	83084084	C7F48408	08830798
82C83045	8382A085	02FFC000	E240EC59	083883C8	447F4844	80883879	882C82C8	3884884C	FFC7F483
880882C7	9882C83C	33084881	8848E308	388307F4	83480884	479C0008	4C834824	8287F485	08088507
9C83C820	45B382C6	7502FFC0	00E240EC	59882884	48587F88	50808838	79C82482	483884C8	54FFC7F8
8248C881	879C8248	4015485C	93085C8D	C8408247	F8820804	83479800	084C8388	248207F8	84880485
87948548	3C45B382	EC2502FF	C000E240	EC5A0824	8348407F	88448048	3879482C	83084084	C848FFC7
F8834804	83079483	48380C08	3C818840	83084083	87F88348	04834794	00084884	C8408347	F482C804
83879484	084445B3	8311E502	FFC000E2	40EC5A88	3C834834	7F483C80	48447988	40834830	830838FF
C7F48448	0484C79C	83482401	08289308	3C8DC850	8547F484	08048287	9C000830	84484C84	47F08348
04830798	83484045	B38337A5	02FFC000	E240EC5B	08448348	2C7F0830	80484079	88448388	2482C840

Apollo 15
71-0610-017

D-22561
8/04/7 - 10/15/7

47BC0007	F87F47F4	7F07E07E	C7D47E87	B07E87EC	5CCAD0B8	A202FFC0	00E240EC	6387F47F	87F47E07
F47D47E0	7B07C07F	C7F07E07	F0FFC7E0	F07D087F	07B07F07	F00547F4	30C7F482	87F47F47	E47F87D8
7F87B000	07F87F07	EC7E87E0	7E87D087	07B07F87	FC5CCAD0	DE6202FF	C000E240	EC6407F4	7EC7E87E
07E87087	EC7B07F0	7F87F87F	87F4FFC7	E07EC7D8	7EC7E07E	C7F015C7	F43747F8	07C7F87F	87E07F47
0E7F0780	0007F07F	C7F47F07	E07F47D4	7F47B07F	47F45CCA	D1041202	FFC000E2	40EC6487	F47F47F0
7E07EC7D	47EC7B07	EC7EC7F0	7F47F4FF	C7E07F47	D47F47B0	7F47F400	07F030C7	F08287F0	7F07E07F
07D47F07	B00007F8	7F47F47F	07E07EC7	D47EC7B0	7F07F05C	CAD129D2	02FFC000	E240EC65	07F47F47
F47E07F0	7D47F07B	C7F07F07	F07F07F0	FFC7E07F	47D47F47	B07F47F0	1847F037	47EC0807	F07F07E0
7F47D47F	47B00007	F47F47F0	7F07E07F	07D47F07	B07F07F0	5CCA014F	9202FFC0	00E240EC	6587F07F
47F87E07	F87D47F4	7B07F47F	07F07EC7	ECFFC7E0	7EC7D87E	C7B07F07	F40007F8	3087F0C2	87F87F47
E07F07D8	7EC7AC00	07F07F47	F47F07E0	7F07D87F	07AC7F07	F05CCAD1	755202FF	C000E240	EC6607F4
7F47F07E	07F07D87	F07AC7F0	7F07F07F	47F4FFC7	E07F07D4	7F07AC7F	07F40587	F43747F4	0807F47F
47E07F07	D47F07B0	0007F07F	07F07F07	E07F07D4	7F07B07E	C7E55CCA	D1980202	FFC000E2	40EC6687
F07F47F4	7E07F47D	47F47B07	F47F47F4	7F47F0FF	C7E07EC7	D47EC7B0	7F07F009	07F43087	F48287F4
7F07E07F	07D47F07	B40007F0	7F07EC7E	C7E07F07	D47F07B4	7F07F05C	CAD1C0C2	02FFC000	E240EC67
07F07F07	F07E07F0	7D47F47B	C7F47F87	F87F87F8	FFC7E07F	07D47EC7	B07F07F4	0607F837	47FC07C7
F87F87E0	7F07D47F	C7B0C007	EC7F07F0	7EC7E07E	C7D87EC7	B07F07F0	5CCAD1E6	8202FFC0	0CE240EC
6787F07F	07EC7E07	EC7D87EC	7B07EC7E	C7E07F07	F0FFC7E0	7F07D87F	07AC7F07	F01E87EC	30C7EC82
87EC7EC7	E07F07D4	7F47AC00	07F47F47	F07F07E0	7F07D47F	07B07F07	F05CCAD2	0C4202FF	C000E240
EC6807F8	7F87F47E	C7F47D47	F07C87C7	7F47F47F	47F4FFC7	E07F07D4	7F07B07F	07F00EC7	F03747F0
0607F07F	07E07F47	D47F47B0	0007F87F	47F47F07	E07F07D4	7F47B07F	47F85CCA	D231F202	FFC000E2
40EC6887	F87F47F4	7E07F07D	47FC7B07	F07F07F0	7F07F0FF	C7E07EC7	D47F07B0	7F07F41E	07F430C7
FC8287F0	7F07E07F	C7D47F07	B00007F4	7F47F07F	07E07EC7	D47F07B0	7F07F45C	CAD257B2	02FFC000
E240EC69	07F87F47	F07E07F0	7D47EC7B	07EC7F07	F07F47F4	FFC7E07F	47D47F07	807F07F0	03C7F037
47F00807	F07F47E0	7F47D47F	87AC0007	F87F47F4	7F07E07F	07D47F07	807F47F4	5CCAD27D	7202FFC0
0CE240EC	6987F47F	47F47E07	F47D47F4	7B07F47F	47F07E07	ECFFC7E0	7EC7D47E	C7B07F07	F00A07F4
3087F482	87F47F47	E07F07D4	7F07B000	07F07E07	F07F07E0	7EC7D47E	C7B07EC7	F05CCAD2	A33202FF
C000E240	EC6AC7F0	7F07F07E	07EC7D47	EC7B07EC	7F07F47F	87F4FFC7	E07F07D4	7EC7B07E	C7EC0087
EC3747F0	07C7F07F	47E07F47	D47F47AC	0007F47F	47F07F07	E07EC7D4	7EC7AC7E	C7F05CCA	D2C8E202
FFC000E2	40EC6A87	F47F87F8	7E07F47D	47F07B07	F07EC7EC	7EC7F0FF	C7E07F47	D87F87B0	7F87F400
07F430C7	F08267EC	7F07E07F	07D47F47	B00007F4	7F47F07F	07E07F07	D47F47AC	7F47F45C	CAD2EEA2
02FFC000	E240EC6B	07F07F07	F07E07F0	7D47F07A	C7F07F07	F07F47F0	FFC7E07E	C7D47F07	B07F07F4
0447F837	47F40807	F47F07E0	7EC7D47E	C7B00007	F47F87F4	7F47E07F	F07D47F0	807F07F0	5CCAD314
6202FFC0	00E240EC	6B87F07F	47F47E07	F07D47F0	7B07EC7E	C7F07F07	F4FFC7E4	7F47D47E	47B07F07
EC1287EC	30C7EC82	87EC7F07	E47F47D4	7F47B000	07F47F07	F07EC7E0	7F07D47F	07B47F07	F05CCAD3
3A2202FF	C000E240	EC6C07F0	7F07F07E	07F07D87	F07B47F0	7F07F47F	47F0FFC7	E07F07D8	7EC7B07E
C7EC1487	EC3747F0	0607F07F	07E07F07	D47F07B0	0007F47F	47F07F07	E07F07D8	7F07AC7F	C7F05CCA
D35F2E02	FFC0C0E2	40EC6C87	F07F07F0	7E07F07D	F47F07AC	F07F47F4	7F47F0FF	C7E07EC7	D47F07AC
7F07F800	07F83087	F88287F8	7F47E07F	47D47F07	AC0007F0	7F07F07F	47E07F87	D47F87AC	7F87F45C
CAD38592	02FFC000	E240EC40	07F07F07	EC7EC7EC	7D47EC7B	07F07F07	F47F47F0	FFC7E07F	07D47F07
E07F07EC	0007EC37	47E807C7	B87EC7E0	7EC7D47F	F07B4007	F47F47F4	7F47E07E	C7D47EC7	B47E87EC
5CCAD3AB	5202FFC0	00E240EC	40C7F07F	47F47E47	F47D47F0	7B47F07E	07F07F07	F0FFC7E4	7F47D47F
47B47F47	F42FC7F4	3087F082	87F07F07	47F07D47	7F47B400	07F87F47	F47F47E4	7F07D47F	07B07F07
F05CCAD3	D11202FF	C000E240	EC41C7F0	7F47F47E	07F47D47	F47B07F0	7F07F07F	07F0FFC7	E07F07D4
7F07AC7F	F43747F4	F43747F4	08C7F47F	07E07F07	D47F07AC	0007F07F	07F07F07	E07F07D4	7F07AC7F
07F05CCA	D3F6C202	FFC000E2	40EC4187	F07F47F4	7E07F47D	47F47A87	F47F47F4	07E07EC7	7F47F0FF
D87F07AC	7F47F83C	87F83087	F88287F4	7F07E07F	F07D87F0	AC0007F8	7F47F47F	EC7F07F0	D47EC7B0
7EC7F05C	CAD41C82	02FFC000	E240EC42	47F47F47	F07E07EC	D47EC7B0	47EC7EC7	EC7F07F0	FFC7E07F
47D47F47	B47F47F0	0447EC37	47EC07C7	EC7F07E0	7F07D47F	07B40007	F47F47F4	7F47E07F	07D47F07
E47EC7EC	5CCAD442	4202FFC0	00E240EC	42C7F07F	47F47E07	F47D47F4	7B47F47F	07F07F07	F4FFC7E0
7F47D47F	7B47F47F	F033C7F4	3087F482	87F87F87	E07F87D4	7F47B000	07F07F07	EC7F07E0	7F47D47F
47B07F87	F85CCAD4	680202FF	C000E240	EC4307F4	7EC7E87E	07E87D87	EC7AC7F0	7F07F07F	47F4FFC7
E67F47D8	7F47A87F	07F00007	F03747F0	0807F07F	47E07F47	D47F47A8	0007F07F	07F07F07	E07F47D8
7F47A87F	7F07F5CC	D43DC202	FFC000E2	40EC4387	F07EC7EC	7E07EC7D	87F07AC7	F07F47F4	7F87F8FF
C7E07F07	D87F07B0	7EC7EC05	C7EC30C7	EC8287F0	7F47E07F	47D47F87	B00007F8	7F47F07E	C7E07EC7
D47EC7B4	7F07F45C	CAD4B372	02FFC000	E240EC44	07F87F87	F47E07F0	7D47F07B	47F07F07	07F07F47
FFC7E07F	47D47F47	B47F47F0	2C87F037	47F00807	F07F07E0	7F07D47F	07B40007	F07F07F4	7F47E07F
C7D47F07	B47E07F0	5CCAD4D9	3202FFC0	00E240EC	4487F47F	47E07E07	F07D47EC	7B07EC7E	C7E07F47
F4FFC7E0	7F47D47F	47B07F47	F43807F4	30C7F482	87F47F87	E07F87D4	7F87AC00	07F07EC7	EC7F07E0
7F87D47F	47AC7F47	F05CCAD4	FEF202FF	C000E240	EC4507EC	7EC7F07E	07F07D47	F07AC7F0	7F07EC7E
C7F0FFC7	E07F07D4	7F07AC7F	C7F00007	F03747F0	97C7F07F	47E07F47	D87F07AC	0007F07E	C7EC7EC7
EC7F07D8	7F47EC7F								

RECCRD 208 OF FILE 1
 LENGTH = 7290 BYTES

24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	24924924	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	24924924	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	24924924	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	24924924	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	24924924	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	24924924	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	24924924	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	24924924	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	24924924	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
92492492	24924924	49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924
49249249	24924924	92492492	49249249	24924924	92492492	49249249	24924924	92492492	49249249
24924924									

```

IEF6531 SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265)
XXFTC7F001 DD SYSOUT=B,DCB=(RECFM=FB,BLKSIZE=7260,LRECL=80) 00000260
XXSYSPRINT DD SYSOUT=C,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=8BLKSIZE), 00000270
IEF6531 SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265),
XX SPACE=(CYL,(0,1)),UNIT=(DISK,3) 00000280
//GO.FTC8F001 DD UNIT=7TRACK,DISP=(OLD,KEEP),LABEL=(01,BLP.,IN),
// DCE=(BLKSIZE=32000,RECFM=U,DEN=2,TRT C1=C),
// VOL=SER=JJ0018
//GO.DAT5 DD *

```

```

IEF2361 ALLOC. FOR YZJRJLR3 GO
IEF2371 232 ALLOCATED TO PGM=*,DD
IEF2371 232 ALLOCATED TO FT05F001
IEF2371 332 ALLOCATED TO FT06F001
IEF2371 232 ALLOCATED TO FT07F001
IEF2371 331 ALLOCATED TO SYSPRINT
IEF2371 231 ALLOCATED TO SYSPRINT
IEF2371 232 ALLOCATED TO SYSPRINT
IEF2371 0C0 ALLOCATED TO FTC8F001

```

RECORD 1 OF FILE
LENGTH = 18 BYTES 1

575565CF 00000400 0F01DB40 00005869

RECORD 2 OF FILE
LENGTH = 18 BYTES 1

575565CF 00000400 0F01DB40 00005869

RECORD 3 OF FILE
LENGTH = 7290 BYTES 1

058696EB	S302FFC0	00E240EC	5807E47E	47F47E47	F47D87F4	7A47E47E	47F87E87	F8FFC7E4	7F47D87E
47A47F07	F403C7F4	EB87F845	47F87F87	E47F47D8	7F47A400	07F07F47	F47F47E4	7F47D87F	07A47F07
F0058697	110302FF	C000E240	EC5887F4	7F47F07E	47F07D87	F07A07F0	7F47F47E	47F47F07	E47F47C8
7F47A07F	47F403C7	F48847F4	8187F47E	47E47F47	D87F47A0	0007F87F	87F47F47	E47F47D8	7F47A47F
47F40586	9736C302	FFC000E2	40EC5907	F87F87F4	7E47F47D	87F47A47	F47F47F8	7F87F4FF	C7E47F07
D87FC7A4	7F07F032	87F4EB87	F84547FC	7F87E47F	87D87F47	A00007F4	7F47F07F	07E47F47	D87F47A0
7F87F805	86575CB3	02FFC000	E240EC59	87F87F87	F47E47F4	7DC7F07A	47F47F47	F87F87F4	FFC7E47F
07D87FC7	A47F47F4	2747F888	47F88187	F87F87E4	7F87D87F	47A40007	F47F47F4	7F47E47F	47D87F87
A47F87F8	05669782	4302FFC0	00E240EC	SA07F47E	47F07E47	F07D87F0	7A47F07E	47E47F47	F4FFC7E4
7F07D87F	07A47F07	F00007F4	EB87F445	87F47F47	E47F47D8	7F47A000	07F47F47	F47F47E4	7F47D87F
47A07F47	F4053C97	A80302FF	C000E240	EC5A87F4	7F07F07E	47F07D87	F47A47F4	7F87F87F	87F4FFC7
E47F07D8	7F07A47F	07F400C7	F88847F8	8187F47E	47E47F47	DC7F47A4	C007F87F	87F87F47	E47F07DC
7F07A47F	07F40586	97CDB302	FFC000E2	40EC5807	F47F47F4	7E47F47D	C7F47A47	F87F87F8	7F47F4FF
C7E47F07	DC7F07A4	7F47F429	07F4EB87	F84547F8	7F47E47E	47D87F47	A00007F4	7F47F47F	47E47F47
D87F47A0	7F47F405	8697F373	02FFC000	E240EC58	87F47F47	F47E47F8	7D87F87A	07F87F87	F87F47F4
FFC7E47F	47D87F47	A07F47F4	1807F888	47F48187	F47F47E4	7F47D87F	47A00007	F87F87F8	7F47E47F
07D87F07	A47E07E0	05869819	3302FFC0	00E240EC	SC07E47E	47F87E47	F47D87F4	7A47F47E	47E47F47
F4FFC7E4	7F47D87F	47A47F47	F40947F4	EB87F445	87F47F47	E47F47D8	7F47A400	07F47F47	F47F47E4
7F47D87F	47A47F47	F4058698	3EF302FF	CC00E240	EC5C87F4	7F47F47E	47F47DC7	F47A47F4	7F47F47F
47F4FFC7	E47F47DC	7F07A47F	07F40007	F48847F4	8187F47E	47E47F47	DC7F47A8	0007F47F	47F47F47
E47F47DC	7F47A47F	47F40586	9864A302	FFC000E2	40EC5D07	F47F47F4	7E47F47D	87F47A47	F87F87F8
7F87F4FF	C7E47F47	D87F47A4	7F47F404	47F8E887	F84547F8	7F87E47F	87D87F47	A00007F8	7F87F87F
47E47F47	D87F47A0	7F47F405	8698A630	02FFC000	E240EC5D	87F47F47	F47E47F0	7D87F07A	07F07F07
F47F47F4	FFC7E47F	47D87F47	A07F47F0	11C7F088	F47F0818	F47F47E4	7F47D87F	87A00007	F47F47F4
7F47E47F	47E87F47	A07F47F4	C5869880	2302FFC0	00E240EC	SE07F47E	47F47E47	F47D87F4	7A07F47E
87F87F87	F8F8C7E4	7F87D87F	47A47F47	F42247F4	EB87F845	47F87F87	E47F47DC	7F47A400	07F47F47
FC7FC7E4	7F47DC7F	47A47F47	F4058698	D5E302FF	C000E240	EC5E87F4	7F47F47E	47F47DC7	F47A87F4
7F47F47F	07F47F47	E47F47DC	7F47A47F	47F4047F	F88847F8	8187F87F	47E47F47	DC7F07A4	0007F07F
47F47F47	E47F47C8	7F47A47F	47F40586	98F8A302	FFC000E2	40EC5F07	F47F47F4	7E47F07D	87F07A47

D-22562
01/17/7 - 4/23/7

1FC85C81	48586C08	58858E58	55C5C500	07FC85C3	148586C4	8588580D	C8588708	5CAB485C	85C7FC55
C81025C6	C40CC85A	85883C85	C7FC8588	1C8586C4	85885824	8C211A1F	02FFC000	E240EC6A	885C85C8
5C80C85C	E1CE5C6E	485C8588	53858858	C080085C	C81085C6	C485C860	25885CE0	48580F48	5885A800
85880C85	86C40C08	6086085C	85C7FC85	820C8586	C485C85C	248C213F	DF02FFC0	00E240EC	68085C85
C8587FC8	5886CCE8	6C485885	83588588	580007FC	85880C85	C6C485C8	60038860	870E5CAB	485C85C7
FC85C80C	8586C400	08588588	55C85C7FC	85880C85	86C88588	58248C21	659F02FF	C000E240	EC6885C8
85C85C7F	C85C8108	5C6C8E5C	85C85C85	C85C0007	FC858814	8586C485	885429C8	54E04859	DF485C86
07FC8608	148606C4	00085885	88588587	FC858810	8586C485	8858248C	2188AF02	FFC000E2	40EC6C08
5C85C85C	7FC85881	08586C48	58858858	58885C00	80085C88	1085C6C4	85C85C38	885C8708	5CAB485C
85C7FC85	C81CE5C6	C000085A	85485885	C7FC8608	1085C6C0	85C85824	8C21310F	02FFC000	E240EC6A
88588588	547FC854	8108586C	C85C8608	6085C858	0007FC85	88108586	C4858858	000E540E	4854DF48
5885C7FC	86C60C6E	06C40008	53858858	8587FC85	880C8546	C4854854	248C21D6	CF02FFC0	00E240EC
40085885	C85C7FC8	5C80CE58	6C4E5885	885C85C8	5C0007FC	85881085	86C48588	5400085A	870854AB
4E588587	FC85CE10	8606C400	08C8E588	88887FC8	85881485	86C885C8	5C248C21	FC8F02FF	C000E240
EC40C85C	85CE85C80	08588148	586C885C	5C85C8A5	C8580008	00858814	8586C485	C8602F88	60E04860
DF485C8E	E7FC8588	148586C4	00085C85	C8608607	FC85C810	85C6C485	C85C248C	22223F02	FFC000E2
40EC4108	5C85C858	7FC85881	C8586C08	58858858	85885800	07FC85C8	1085C6C0	85C85C03	485C86C8
5CAB485C	85E7FC85	880C8586	C000085C	85C85885	87FC8588	0C8586C0	85885C24	8C2247FF	02FFC000
E240EC41	88608608	607FC85C	80C85C6C	085C8588	58854854	0007FC85	880C8586	C085885C	3C885CE0
485CDF48	5CE6C7FC	86080C86	06C40008	5C858858	85880085	400C8546	C485885C	248C226D	BF02FFC0
00E240EC	42486665	C8588008	58810E54	C8888585	885C85C8	5C000800	85C41085	86C88588	58218858
870858AB	485885C7	FC85C810	8606C400	08C85888	588547FC	85881035	36C485C8	5C248C22	937F02FF
C000E240	EC42CE58	8608607F	C8608108	5C6C4858	85885885	82580007	FC858814	85C6C486	08602F88
60E0485C	DF485C85	87FC8588	108586C4	00085C85	C85C86C7	FC85C810	8586C485	4854248C	22B92F02
FFC000E2	40EC4308	5885C860	7FC86081	8606C088	5C858854	85485800	07FC8588	0C8586C0	85885400
0854E7C8	54AE4E58	85C7FC86	080C8606	C000085C	85C85885	87FC8548	0C8546C0	85485824	8C22DEFF
02FFC000	E240EC43	885C85C8	5C80085C	80C85C6C	085C8608	6085C85C	00080085	880C8586	C085885C
1A8858E0	4854DF48	548547FC	85880C86	06C40008	64860860	8607FC85	C80C85C6	C8858858	248C2304
AF02FFC0	00E240EC	44085885	C85C7FC8	5C81085C	6C888585	48548588	5C0007FC	86381086	06C485C8
581C8588	870C858AB	48588587	FC858814	8586C400	08588588	8885C7FC	85C81485	86C48588	54248C23
2A6F02FF	C000E240	EC448588	5E8E5C7F	C85C8148	5C6C4858	85485485	48580007	FC85C814	85C6C485
CE5C3388	58EC485C	DF485C85	C7FC85C8	1485C6C0	00085885	485885C7	FC860810		

[illegible]

APOLLO 16 LM/ALSEP

SELECTED MOONQUAKE EVENTS ON TAPE

72-031C-01T

PSPG-00663

This data set has been restored. There was originally one 7-track, 800 BPI tape written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tape was created on an IBM 930 computer and the restored tape was created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D number are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005895	DS005895	D022563	1	05/27/72 - 04/23/75

Refer to 69-099C-03R

```

09 IEF285I SYS2.COBLIR KEPT
10 IEF285I VOL SER NOS= K3SYS6.
01 IEF285I SYS1.ALGLIB KEPT
12 IEF285I VOL SER NOS= K3SYS6.
13 IEF285I SYS76056.T074845.RV000.YZJRJLR3.L09M00 PASSED
14 IEF285I VOL SER NOS= K3SCR2.
15 IEF285I SYS76056.T074845.SV000.YZJRJLR3.R0000360 SYSOUT
16 IEF285I VOL SER NOS= K3SCR2.
17 IEF285I SYS76056.T074845.SV000.YZJRJLR3.R0000361 SYSOUT
18 IEF285I VOL SER NOS= K3SCR2.
19 IEF285I SYS76056.T074845.RV000.YZJRJLR3.R0000362 DELETED
20 IEF285I VOL SER NOS= K3SCR3.
21 IEF285I SYS76056.T074845.RV000.YZJRJLR3.S0000363 SYSIN
22 IEF285I VOL SER NOS= K3SCR2.
23 IEF285I SYS76056.T074845.RV000.YZJRJLR3.S0000363 DELETED
24 IEF285I VOL SER NOS= K3SCR2.
04 IEF373I STEP /LINK / START 76056.1346
05 IEF374I STEP /LINK / STOP 76056.1347 CPU 0MIN 02.05SEC MAIN 130K LCS OK
06 - STEP 01 - RETURN CODE = 0000 STEP TIME = .21 4INS=(CPJ= .03,IO= .18)
07 ID IN SECS. DISK= 10.60,DRUM= .56,TAPE= .00,CEIL= .03,OTHR= .17
08 XXGO EXEC PGM=*,LINK,SYS.MOD,COND=(4,LT),REGION=70K 00000230
09 XXFT05F001 DD DDNAME=DATA5 00000240
10 XXFT06F001 DD SYSOUT=OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=83,KSIZ=83,KSIZ=83) 00000250
11 IEF653I SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265)
12 XXFT07F001 DD SYSOUT=B,DCB=(RECFM=FB,BLKSIZE=7280,LRECL=30) 00000260
13 XXSYSPRINT DD SYSOUT=OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=83,KSIZ=83,KSIZ=83) 00000270
14 IEF653I SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265)
15 XX SPACE=(CYL,(0,1)),UNIT=(DISK,3) 00000280
16 //GO,FT08F001 DD UNIT=7TRACK,DISP=(OLD,KEEP),LABEL=(01,BLP,1IN)
17 // DCB=(BLKSIZE=32000,RECFM=U,DEN=2,TRTCH=C),
18 // VOL=SER=JJ0078
19 //GO,DATA5 DD *
20 //
21 IEF236I ALLOC. FOR YZJRJLR3 GO
22 IEF237I 231 ALLOCATED TO PGM=*,DD
23 IEF237I 232 ALLOCATED TO FT05F001
24 IEF237I 332 ALLOCATED TO FT06F001
25 IEF237I 331 ALLOCATED TO FT07F001
26 IEF237I 231 ALLOCATED TO SYSPRINT
27 IEF237I 232 ALLOCATED TO SYSPRINT
28 IEF237I 331 ALLOCATED TO SYSPRINT
29 IEF237I 0C1 ALLOCATED TO FT09F001

RECORD 1 OF FILE 1
LENGTH = 18 BYTES

575565CF 00000000 1001DE80 0002FE35

RECORD 2 OF FILE 1
LENGTH = 18 BYTES

575565CF 00000000 1001DE80 0002FE35

RECORD 3 OF FILE 1
LENGTH = 7290 BYTES

2FE3537E F1026DC0 00E240EC 67879479 47947E07 947F1794 79479479 47947947 947947E0 7907EC79
07947907 941DC794 8BA79485 C7947947 E07947E8 79079400 07207947 947947E0 7947E479 47907907
902FE353 A4A1025B 400CE240 EC680794 7947947E 07947E47 94790794 79079079 07947947 E07947E4
79479079 47900F47 90B4C794 A3879479 47E07947 E4794790 00079479 47947947 E47947E4 79479079
07902FE3 53CA6102 4F8000E2 40EC6887 94794794 7E47947E 87947907 90790790 79479479 47E07947

```

Apollo 16
 72-051C-017

D-22563
 5/28/7 - 4/23/7

29
19
19

1

[illegible]