#233

OGO-6

U.V. AIRGLOW

69-051A-13A

(103 tapes)

OGO 6

U.V. AIRGLOW TAPES

69-051A-13A

This data set has been restored. There were originally 103, 7-track, 556 BPI tapes, written in Binary. There are 17 restored tapes. The DR tapes are 3480 cartridges and the DS tapes are 9-track, 6250 BPI. The original tapes were created on an IBM 7094 computer from CDC 6400 tapes using a PIFT program. The restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding DD numbers are as follows:

DR#	DS#	DD#	FILES	TIME SPAN	
DR-004736	DS-004736	DD-010930	1-50	06/09/69-06/12/69	(a)
		DD-010931	51-100	06/12/69-06/16/69	
		DD-010932	101-150	06/16/69-06/19/69	
		DD-010933	151-200	06/19/69-06/22/69	(b)
		DD-010934	201-250	02/22/69-06/26/69	
		DD-010935	251-300	06/26/69-06/29/69	(c)
DR-004737	DS-004737	DD-010936	1-50	06/29/69-07/03/69	
		DD-010937	51-100	07/03/69-07/06/69	(d)
		DD-010938	101-150	07/06/69-07/10/69	
		DD-010939	151-200	07/10/69-07/13/69	
		DD-010940	201-250	07/13/69-07/17/69	
		DD-010941	251-300	07/17/69-07/20/69	
DR-004738	DS-004738	DD-010942	1-50	07/24/69-07/27/69	(e)
		DD-010943	51-100	08/03/69-08/06/69	(f)
		DD-010944	101-145	08/10/69-08/13/69	(g)
		DD-010945	146-188	08/13/69-08/16/69	(h)
		DD-010946	189-238	08/17/69-08/20/69	(i)
		DD-010947	239-288	08/20/69-08/24/69	
DR-004763	DS-004763	DD-010948	1-50	08/24/69-08/27/69	
		DD-010949	51-100	08/27/69-08/31/69	(j)
		DD-010950	101-150	08/31/69-09/03/69	
		DD-010951	151-200	09/03/69-09/07/69	
		DD-010952	201-250	09/07/69-09/10/69	
		DD-010953	251-300	09/10/69-09/14/69	
DR-004764	DS-004764	DD-010954	1-50	09/14/69-09/17/69	(k)
		DD-010955	51-88	09/17/69-09/20/69	(l)
		DD-010956	89-131	09/20/69-09/24/69	(m)
		DD-010957	132-181	09/24/69-09/27/69	
		DD-010958	182-231	09/27/69-10/01/69	(n)
		DD-010959	232-281	10/01/69-10/04/69	(o)

DR#	DS#	DD#	FILES	TIME SPAN	
DR-004765	DS-004765	DD-010960	1-50	10/04/69-10/08/69	
		DD-010961	51-100	10/08/69-10/11/69	
		DD-010962	101-150	10/11/69-10/15/69	
		DD-010963	151-200	10/15/69-10/18/69	(p)
		DD-010964	201-250	10/18/69-10/22/69	
		DD-010965	251-300	10/22/69-10/25/69	
DR-004766	DS-004766	DD-010966	1-50	10/25/69-10/28/69	
		DD-010967	51-100	11/04/69-11/08/69	
		DD-010968	101-150	11/08/69-11/11/69	
		DD-010969	151-200	11/11/69-11/15/69	(q)
		DD-010970	201-250	11/15/69-11/18/69	(r)
		DD-010971	251-293	11/18/69-11/21/69	(s)
DR-004767	DS-004767	DD-010972	1-50	11/22/69-11/25/69	
		DD-010973	51-100	11/25/69-11/29/69	
		DD-010974	101-150	11/29/69-12/02/69	
		DD-010975	151-192	12/02/69-12/05/69	(t)
		DD-011568	193-242	12/05/69-12/09/69	
		DD-011569	243-292	12/09/69-12/12/69	(u)
DR-004768	DS-004768	DD-011570	1-50	12/12/69-12/16/69	
		DD-011571	51-100	12/16/69-12/19/69	(v)
		DD-011572	101-150	12/19/69-12/23/69	(w)
		DD-011573	151-200	12/23/69-12/26/69	
		DD-011574	201-250	12/26/69-12/30/69	
		DD-011575	251-300	01/02/70-01/06/70	
DR-004769	DS-004769	DD-011576	1-50	01/06/70-01/09/70	
		DD-011577	51-100	01/09/70-01/12/70	
		DD-011713	101-150	01/12/70-01/16/70	
		DD-011714	151-200	01/16/70-01/19/70	
		DD-011715	201-250	01/19/70-01/23/70	
		DD-011716	251-300	01/23/70-01/26/70	(x)
DR-004770	DS-004770	DD-011717	1-50	01/26/70-01/29/70	
		DD-011718	51-100	02/06/70-02/09/70	
		DD-011719	101-150	02/09/70-02/12/70	
		DD-011720	151-200	02/12/70-02/16/70	
		DD-011721	201-250	02/16/70-02/19/70	(y)
		DD-011722	251-300	02/19/70-02/23/70	(z)
DR-004771	DS-004771	DD-011723	1-50	02/23/70-20/26/70	
		DD-011724	51-100	03/02/70-03/05/70	
		DD-011725	101-150	03/05/70-03/09/70	
		DD-011726	151-200	03/09/70-03/12/70	
		DD-011727	201-250	03/12/70-03/16/70	
		DD-011728	251-300	03/16/70-03/19/70	

DR#	DS#	DD#	FILES	TIME SPAN	
DR-004772	DS-004772	DD-011729	1-50	03/19/70-03/22/70	
		DD-011730	51-100	03/26/70-03/29/70	
		DD-011578	101-150	03/29/70-04/02/70	
		DD-011579	151-200	04/02/70-04/05/70	
		DD-011580	201-250	04/05/70-04/09/70	
		DD-011581	251-300	04/09/70-04/12/70	
DR-004816	DS-004816	DD-011582	1-50	04/12/70-04/16/70	
		DD-011583	51-100	04/16/70-04/19/70	
		DD-011584	101-150	04/19/70-04/22/70	
		DD-011585	151-200	04/26/70-04/29/70	
		DD-011586	201-250	04/29/70-05/03/70	
		DD-011587	251-300	05/03/70-05/06/70	
DR-004817	DS-004817	DD-011731	1-50	05/06/70-05/10/70	(aa)
		DD-011732	51-100	05/10/70-05/13/70	
		DD-011733	101-150	05/13/70-05/17/70	
		DD-011734	151-200	05/17/70-05/20/70	
		DD-011735	201-250	05/20/70-05/23/70	
		DD-011736	251-300	05/23/70-05/27/70	(ab)
DR-004818	DS-004818	DD-011737	1-50	05/27/70-05/30/70	
		DD-011738	51-100	05/30/70-06/03/70	
		DD-011739	101-150	06/03/70-06/06/70	
		DD-011740	151-200	06/06/70-06/10/70	
		DD-011741	201-250	06/13/70-06/17/70	
		DD-011742	251-300	06/17/70-06/20/70	
DR-004819	DS-004819	DD-011743	1-50	06/20/70-06/23/70	
		DD-011744	51-100	06/23/70-06/27/70	
		DD-011745	101-150	06/27/70-06/30/70	
		DD-011746	151-200	07/11/70-07/14/70	
		DD-011747	201-250	07/14/70-07/18/70	
		DD-011748	251-300	07/18/70-07/21/70	
		DD-011749	301-350	07/21/70-07/24/70	

(a) DD-010930: RECORD 80 DROPPED FROM FILE 22.
(b) DD-010933: RECORD 85 DROPPED FROM FILE 2.
(c) DD-010935: RECORD 4 DROPPED FROM FILE 1.
(d) DD-010937: RECORDS 19 & 22 DROPPED FROM FILE 2.
(e) DD-010942: RECORDS 26 & 27 DROPPED FROM FILE 5.
(f) DD-010943: RECORD 14 DROPPED FROM FILE 1.
(g) DD-010944: FILES 2-6 ALL WITH 0 BLOCK READ, NOT COPIED.
(h) DD-010945: FILES 2-8 ALL WITH 0 BLOCK READ, NOT COPIED.
(i) DD-010946: RECORDS 38 & 40 DROPPED FROM FILE 1, AND
RECORDS 27 & 29 DROPPED FROM FILE 2.
(j) DD-010949: RECORD 11 DROPPED FROM FILE 1, AND
RECORDS 29 & 33 FROM FILE 5.

(k) DD-010954: RECORD 10 DROPPED FROM FILE 1.
(l) DD-010955: FILES 2-13 ALL WITH 0 BLOCK READ, NOT COPIED.
(m) DD-010956: FILES 2-8 ALL WITH 0 BLOCK READ, NOT COPIED.
(n) DD-010958: RECORD 47 DROPPED FROM FILE 10.
(o) DD-010959: RECORD 40 DROPPED FROM FILE 4.
(p) DD-010963: RECORD 45 DROPPED FROM FILE 31.
(q) DD-010969: RECORD 45 DROPPED FROM FILE 40.
(r) DD-010970: RECORD 78 DROPPED FROM FILE 29.
(s) DD-010971: FILES 2-8 ALL WITH 0 BLOCK READ, NOT COPIED.
(t) DD-010975: FILES 2-9 ALL WITH 0 BLOCK READ, NOT COPIED.
(u) DD-011569: RECORD 9 DROPPED FROM FILE 1.
(v) DD-011571: DATA, ORBIT 2801-2800, STACKED STARTING FILE 101.
(w) DD-011572: DATA, ORBIT 2851-2900, STACKED STARTING FILE 51.
(LABELS OF ABOVE TWO TAPES WERE SWITCHED AROUND).
(x) DD-011716: RECORD 16 DROPPED FROM FILE 1, AND
RECORD 81 DROPPED FROM FILE 3.
(y) DD-011721: DATA, ORBIT 3701-3750, STACKED STARTING FILE 251.
(z) DD-011722: DATA, ORBIT 3751-3800, STACKED STARTING FILE 201.
(LABELS OF ABOVE TWO TAPES WERE SWITCHED AROUND).
RECORD 69 DROPPED FROM FILE 50.
(aa) DD-011731: RECORD 12 & 14 DROPPED FROM FILE 1.
(ab) DD-011736: RECORD 68 DROPPED FROM FILE 1.

REQ. AGENT
ROP

RASH NO.
RB0232

ACQ. AGENT
RNH

69-051A-13A

OGO-6

U.V. AIRGLOW TAPES

This data set consists of 110 tapes. These tapes are 556 BPI, Binary produced on the 7094 computer from CDC 6400 tape using a PIFT program. Each tape has 50 files.

D#	C#	START	STOP	ORBITS
D-10930	C-08278	6/09/69	6/12/69	51- 100
D-10931	C-08279	6/12/69	6/16/69	101- 150
D-10932	C-08280	6/16/69	6/19/69	151- 200
D-10933	C-08281	6/19/69	6/22/69	201- 250
D-10934	C-08282	6/22/69	6/26/69	251- 300
D-10935	C-08283	6/26/69	6/29/69	301- 350
D-10936	C-08284	6/29/69	7/03/69	351- 400
D-10937	C-08285	7/03/69	7/06/69	401- 450
D-10938	C-08286	7/06/69	7/10/69	451- 500
D-10939	C-08287	7/10/69	7/13/69	501- 550
D-10940	C-08288	7/13/69	7/17/69	551- 600
D-10941	C-08289	7/17/69	7/20/69	601- 650
D-10942	C-08290	7/24/69	7/27/69	701- 750
D-10943	C-08291	8/03/69	8/06/69	851- 900
D-10944	C-08292	8/10/69	8/13/69	951-1000
D-10945	C-08293	8/13/69	8/16/69	1001-1050
D-10946	C-08294	8/17/69	8/20/69	1051-1100
D-10947	C-08295	8/20/69	8/24/69	1101-1150
D-10948	C-08296	8/24/69	8/27/69	1151-1200
D-10949	C-08297	8/27/69	8/31/69	1201-1250
D-10950	C-08298	8/31/69	9/03/69	1251-1300
D-10951	C-08299	9/03/69	9/07/69	1301-1350

D#	C#	START	STOP	ORBITS
D-10952	C-08300	9/07/69	9/10/69	1351-1400
D-10953	C-08301	9/10/69	9/14/69	1401-1450
D-10954	C-08302	9/14/69	9/17/69	1451-1500
D-10955	C-08303	9/17/69	9/20/69	1501-1550
D-10956	C-08304	9/20/69	9/24/69	1551-1600
D-10957	C-08305	9/24/69	9/27/69	1601-1650
D-10958	C-08306	9/27/69	10/01/69	1651-1700
D-10959	C-08307	10/01/69	10/04/69	1701-1750
D-10960	C-08308	10/04/69	10/08/69	1751-1800
D-10961	C-08309	10/08/69	10/11/69	1801-1850
D-10962	C-08310	10/11/69	10/15/69	1851-1900
D-10963	C-08311	10/15/69	10/18/69	1901-1950
D-10964	C-08312	10/18/69	10/22/69	1951-2000
D-10965	C-08313	10/22/69	10/25/69	2001-2050
D-10966	C-08314	10/25/69	10/28/69	2051-2100
D-10967	C-08315	11/04/69	11/08/69	2201-2250
D-10968	C-08316	11/08/69	11/11/69	2251/2300
D-10969	C-08317	11/11/69	11/15/69	2301-2350
D-10970	C-08318	11/15/69	11/18/69	2351-2400
D-10971	C-08319	11/18/69	11/21/69	2401-2450
D-10972	C-08320	11/22/69	11/25/69	2451-2500
D-10973	C-08321	11/25/69	11/29/69	2501-2550
D-10974	C-08322	11/29/69	12/02/69	2551-2600
D-10975	C-08323	12/02/69	12/05/69	2601-2650
D-11568	C-08864	12/05/69	12/09/69	2651-2700
D-11569	C-08865	12/09/69	12/12/69	2701-2750
D-11570	C-08866	12/12/69	12/16/69	2751-2800
D-11571	C-08867	12/16/69	12/19/69	2801-2850
D-11572	C-08868	12/19/69	12/23/69	2851-2900
D-11573	C-08869	12/23/69	12/26/69	2901-2950

D#	C#	START	STOP	ORBITS
D-11574	C-08870	12/26/69	12/30/69	2951-3000
D-11575	C-08871	1/02/70	1/06/70	3051-3100
D-11576	C-08872	1/06/70	1/09/70	3101-3150
D-11577	C-08873	1/09/70	1/12/70	3151-3200
D-11713	C-08961	1/12/70	1/16/70	3201-3250
D-11714	C-08962	1/16/70	1/19/70	3251-3300
D-11715	C-08963	1/19/70	1/23/70	3301-3350
D-11716	C-08964	1/23/70	1/26/70	3351-3400
D-11717	C-08965	1/26/70	1/29/70	3401-3450
D-11718	C-08966	2/06/70	2/09/70	3551-3600
D-11719	C-08967	2/09/70	2/12/70	3601-3650
D-11720	C-08968	2/12/70	2/16/70	3651-3700
D-11721	C-08969	2/16/70	2/19/70	3701-3750
D-11722	C-08970	2/19/70	2/23/70	3751-3800
D-11723	C-08971	2/23/70	2/26/70	3801-3850
D-11724	C-08972	3/02/70	3/05/70	3901-3950
D-11725	C-08973	3/05/70	3/09/70	3951-4000
D-11726	C-08974	3/09/70	3/12/70	4001-4050
D-11727	C-08975	3/12/70	3/16/70	4051-4100
D-11728	C-08976	3/16/70	3/19/70	4101-4150
D-11729	C-08977	3/19/70	3/22/70	4151-4200
D-11730	C-08978	3/26/70	3/29/70	4251-4300
D-11578	C-08874	3/29/70	4/02/70	4301-4350
D-11579	C-08875	4/02/70	4/06/70	4351-4400
D-11580	C-08876	4/06/70	4/09/70	4401-4450
D-11581	C-08877	4/09/70	4/12/70	4451-4500
D-11582	C-08878	4/12/70	4/16/70	4501-4550
D-11583	C-08879	4/16/70	4/19/70	4551-4600
D-11584	C-08880	4/19/70	4/22/70	4601-4650
D-11585	C-08881	4/26/70	4/29/70	4701-4750
D-11586	C-08882	4/29/70	5/03/70	4751-4800

D#	C#	START	STOP	ORBITS
D-11587	C-08883	5/03/70	5/06/70	4801-4850
D-11731	C-08979	5/06/70	5/10/70	4851-4900
D-11732	C-08980	5/10/70	5/13/70	4901-4950
D-11733	C-08981	5/13/70	5/17/70	4951-5000
D-11734	C-08982	5/17/70	5/20/70	5001-5050
D-11735	C-08983	5/20/70	5/23/70	5051-5100
D-11736	C-08984	5/23/70	5/27/70	5101-5150
D-11737	C-08985	5/27/70	5/30/70	5151-5200
D-11738	C-08986	5/30/70	6/03/70	5201-5250
D-11739	C-08987	6/03/70	6/06/70	5251-5300
D-11740	C-08988	6/06/70	6/10/70	5301-5350
D-11741	C-08989	6/13/70	6/17/70	5401-5450
D-11742	C-08990	6/17/70	6/20/70	5451-5500
D-11743	C-08991	6/20/70	6/23/70	5501-5550
D-11744	C-08992	6/23/70	6/27/70	5551-5600
D-11745	C-08993	6/27/70	7/01/70	5601-5650
D-11746	C-08994	7/11/70	7/14/70	5801-5850
D-11747	C-08995	7/14/70	7/18/70	5851-5900
D-11748	C-08996	7/18/70	7/21/70	5901-5950
D-11749	C-08997	7/21/70	7/24/70	5951-6000

OGO-F Processing Summary

69-051A-13A

Each 2 FFD tapes correspond to 1 FAØ tape in low sequence

Tape	Revs	start		stop		Conv	AØ on	Merge	Comment
FFD001	1-50	6-5-69	1547 48.812	6-9-69	0254 00	✓ 5-11-71	✓ 5-12-71	✓ 6-7-71	
FFD002	51-100	6-9-69	0254 04.874	6-12-69	1400 00	✓ 5-7-71	✓ 5-11-71	✓ 6-2-71	
FFD003	101-150	6-12-69	1400 06.822	6-16-69	0105 00	✓ 4-20-71	✓ 4-29-71	✓ 6-3-71	
FFD004	151-200	6-16-69	0105 53.917	6-19-69	1211 00	✓ 4-20-71	✓ 4-22-71	✓ 6-25-71	
FFD005	201-250	6-19-69	1211 25.572	6-22-69	2316 00	✓ 4-20-71	✓ 4-24-71	✓ 6-25-71	
FFD006	251-300	6-22-69	2316 44.497	6-26-69	1021 00	✓ 12-13-71	✓ 12-14-71	✓ 5-1-72	
FFD007	301-350	6-26-69	1021 57.404	6-29-69	2126 00	✓ 4-20-71	✓ 4-22-71	✓ 6-3-71	
FFD008	351-400	6-29-69	2126 46.489	7-3-69	0831 00	✓ 4-20-71	✓ 4-24-71	✓ 6-3-71	
FFD009	401-450	7-3-69	0831 27.938	7-6-69	1935 00	✓ 4-20-71	✓ 4-23-71	✓ 6-3-71	
FFD010	451-500	7-6-69	1935 52.590	7-10-69	0639 00	✓ 4-23-71	✓ 4-29-71	✓ 6-3-71	
FFD011	501-550	7-10-69	0639 58.604	7-13-69	1743 00	✓ 4-23-71	✓ 4-29-71	✓ 6-3-71	
FFD012	551-600	7-13-69	1743 44.886	7-17-69	0447 00	✓ 4-23-71	✓ 4-29-71	✓ 6-7-71	
FFD013	601-650	7-17-69	0447 11.195	7-20-69	1550 00	✓ 4-24-71	✓ 5-3-71	✓ 7-6-71	
FFD014	651-700	7-20-69	1550 22.342	7-24-69	0253 00	✓ 4-24-71	✓ 4-29-71		
FFD015	701-750	7-24-69	0253 21.090	7-27-69	1356 00	✓ 4-26-71	✓ 4-30-71	✓ 6-30-71	
FFD016	751-800	7-27-69	1356 08.426	7-30-69	0058 00	✓ 4-21-71	✓ 4-22-71		
FFD017	801-850	7-30-69	0058 40.968	8-3-69	1200 00	✓ 4-21-71	✓ 4-22-71		
FFD018	851-900	8-3-69	1200 58.157	8-6-69	2302 00	✓ 4-21-71	✓ 5-3-71	✓ 6-3-71	
FFD019	901-950	8-6-69	2302 54.928	8-10-69	1004 00	✓ 4-28-71	✓ 5-4-71	✓ 5-10-72	
FFD020	951-1000	8-10-69	1004 30.127	8-13-69	2105 00	✓ 4-24-71	✓ 4-30-71	✓ 5-1-72	
FFD021	1001-1050	8-13-69	2105 51.375	8-17-69	0807 00	✓ 4-24-71	✓ 5-10-71	✓ 5-1-72	
FFD022	1051-1100	8-17-69	0807 04.237	8-20-69	1908 00	✓ 4-24-71	✓ 5-7-71	✓ 6-3-71	
FFD023	1101-1150	8-20-69	1908 12.944	8-24-69	0609 00	✓ 4-26-71	✓ 5-9-71	✓ 6-7-71	
FFD024	1151-1200	8-24-69	0609 18.497	8-27-69	1710 00	✓ 4-26-71	✓ 5-9-71	✓ 6-3-71	
FFD025	1201-1250	8-27-69	1710 21.053	8-31-69	0411 00	✓ 4-26-71	✓ 5-9-71	✓ 6-7-71	
FFD026	1251-1300	8-31-69	0411 17.742	9-3-69	1512 00	✓ 4-27-71	✓ 5-11-71	✓ 6-3-71	
FFD027	1301-1350	9-3-69	1512 09.751	9-7-69	0212 00	✓ 4-28-71	✓ 5-9-71	✓ 6-3-71	
FFD028	1351-1400	9-7-69	0212 54.832	9-10-69	1313 00	✓ 4-28-71	✓ 5-9-71	✓ 6-7-71	
FFD029	1401-1450	9-10-69	1313 33.138	9-14-69	0014 00	✓ 5-5-71	✓ 5-12-71	✓ 6-7-71	
FFD030	1451-1500	9-14-69	0014 05.833	9-17-69	1114 00	✓ 5-6-71	✓ 5-7-71	✓ 6-28-71	
FFD031	1501-1550	9-17-69	1114 31.197	9-20-69	2214 00	✓ 5-5-71	✓ 5-11-71	✓ 6-7-71	
FFD032	1551-1600	9-20-69	2214 49.980	9-24-69	0914 00	✓ 5-5-71	✓ 5-11-71	✓ 6-7-71	
FFD033	1601-1650	9-24-69	0914 43.721	9-27-69	2014 00	✓ 5-5-71	✓ 5-11-71	✓ 6-7-71	
FFD034	1651-1700	9-27-69	2014 23.250	10-1-69	0713 00	✓ 5-5-71	✓ 12-14-71	✓ 12-21-71	
FFD035	1701-1750	10-1-69	0713 39.166	10-4-69	1812 00	✓ 5-5-71	✓ 5-11-71	✓ 6-7-71	
FFD036	1751-1800	10-4-69	1812 30.185	10-8-69	0510 00	✓ 5-5-71	✓ 5-11-71	✓ 6-17-71	
FFD037	1801-1850	10-8-69	0510 57.462	10-11-69	1608 00	✓ 5-5-71	✓ 5-11-71	✓ 6-8-71	
FFD038	1851-1900	10-11-69	1608 59.585	10-15-69	0306 00	✓ 5-7-71	✓ 5-11-71	✓ 6-7-71	
FFD039	1901-1950	10-15-69	0306 34.866	10-18-69	1403 00	✓ 5-3-71	✓ 5-12-71	✓ 6-7-71	
FFD040	1951-2000	10-18-69	1403 46.849	10-22-69	0100 00	✓ 5-12-71	✓ 5-14-71	✓ 6-8-71	
FFD041	2001-2050	10-22-69	0100 34.757	10-25-69	1156 00	✓ 5-12-71	✓ 5-14-71	✓ 6-9-71	
FFD042	2051-2100	10-25-69	1156 56.956	10-28-69	2252 00	✓ 5-12-71	✓ 5-14-71	✓ 6-9-71	
FFD043	2101-2150	10-28-69	2252 48.818	11-1-69	0948 00	✓ 5-11-71	✓ 5-14-71	✓ 5-1-72	
FFD044	2151-2200	11-1-69	0948 16.907	11-4-69	2043 00	✓ 5-10-71	✓ 5-12-71	✓ 7-6-71	
FFD045	2201-2250	11-4-69	2043 26.127	11-8-69	0738 00	✓ 5-12-71	✓ 5-14-71	✓ 6-9-71	
FFD046	2251-2300	11-8-69	0738 20.885	11-11-69	1832 00	✓ 5-12-71	✓ 5-14-71	✓ 6-17-71	
FFD047	2301-2350	11-11-69	1832 59.555	11-15-69	0527 00	✓ 5-13-71	✓ 5-14-71	✓ 6-9-71	
FFD048	2351-2400	11-15-69	0527 23.829	11-18-69	1621 00	✓ 5-13-71	✓ 5-14-71	✓ 6-9-71	
FFD049	2401-2450	11-18-69	1621 37.452	11-22-69	0315 00	✓ 5-13-71	✓ 5-14-71	✓ 6-9-71	
FFD050	2451-2500	11-22-69	0315 38.668	11-25-69	1409 00	✓ 5-13-71	✓ 5-14-71	✓ 6-29-71	

	Revs	start		stop		Conv	AB on	Merge	Comment
FFD051	2501-2550	11-25-69	1409 29.993	11-29-69	0102 00	✓5-18-71	✓ 6-1-71	✓ 6-9-71	
FFD052	2551-2600	11-29-69	0102 53.373	12-2-69	1156 00	✓5-18-71	✓ 5-21-71	✓ 6-9-71	
FFD053	2601-2650	12-2-69	1156 09.039	12-5-69	2248 00	✓5-18-71	✓ 5-21-71	✓ 6-9-71	
FFD054	2651-2700	12-5-69	2248 57.864	12-9-69	0941 00	✓5-18-71	✓ 5-21-71	✓ 6-9-71	
FFD055	2701-2750	12-9-69	0941 36.163	12-12-69	2034 00	✓5-18-71	✓ 5-21-71	✓ 6-9-71	
FFD056	2751-2800	12-12-69	2034 04.163	12-16-69	0726 00	✓5-18-71	✓ 5-21-71	✓ 7-2-71	
FFD057	2801-2850	12-16-69	0726 23.140	12-19-69	1818 00	✓ 5-21-71	✓ 6-1-71	✓ 6-9-71	
FFD058	2851-2900	12-19-69	1818 33.041	12-23-69	0510 00	✓5-19-71	✓ 5-25-71	✓ 6-9-71	
FFD059	2901-2950	12-23-69	0510 33.585	12-26-69	1602 00	✓ 5-18-71	✓ 5-21-71	✓ 6-9-71	
FFD060	2951-3000	12-26-69	1602 23.404	12-30-69	0254 00	✓ 5-18-71	✓ 5-21-71	✓ 6-17-71	
FFD061	3001-3050	12-30-69	0254 03.724	1-2-70	1345 00	✓ 11-2-71	✓ 11-3-71		bad A
FFD062	3051-3100	1-2-70	1345 35.643	1-6-70	0036 00	✓ 5-22-71	✓ 6-1-71	✓ 6-14-71	
FFD063	3101-3150	1-6-70	0036 58.326	1-9-70	1128 00	✓ 5-22-71	✓ 5-24-71	✓ 6-14-71	
FFD064	3151-3200	1-9-70	1128 14.673	1-12-70	2219 00	✓ 12-7-71	✓ 12-13-71	✓ 5-1-72	
FFD065	3201-3250	1-12-70	2219 25.242	1-16-70	0910 00	✓ 5-22-71	✓ 5-24-71	✓ 6-15-71	
FFD066	3251-3300	1-16-70	0910 27.505	1-19-70	2001 00	✓ 5-22-71	✓ 5-24-71	✓ 7-6-71	
FFD067	3301-3350	1-19-70	2001 16.995	1-23-70	0651 00	✓ 5-22-71	✓ 5-24-71	✓ 7-6-71	
FFD068	3351-3400	1-23-70	0651 51.185	1-26-70	1742 00	✓ 5-22-71	✓ 5-24-71	✓ 6-17-71	
FFD069	3401-3450	1-26-70	1742 09.612	1-30-70	0432 00	✓ 6-2-71	✓ 6-3-71	✓ 6-17-71	
FFD070	3451-3500	1-30-70	0432	2-2-70	1522 00				3455-99 m
FFD071	3501-3550	2-2-70	1522 04.061	2-6-70	0211 00	✓ 5-22-71	✓ 5-24-71	✓ 6-17-71	
FFD072	3551-3600	2-6-70	0211 37.423	2-9-70	1300 00	✓ 11-23-71	✓ 11-30-71	✓ 5-1-72	
FFD073	3601-3650	2-9-70	1300 55.037	2-12-70	2349 00	✓ 6-10-71	✓ 6-11-71	✓ 6-17-71	
FFD074	3651-3700	2-12-70	2349 53.835	2-16-70	1038 00	✓ 6-10-71	✓ 6-11-71	✓ 6-17-71	
FFD075	3701-3750	2-16-70	1038 27.916	2-19-70	2126 00	✓ 6-10-71	✓ 6-11-71	✓ 6-17-71	
FFD076	3751-3800	2-19-70	2126 33.093	2-23-70	0814 00	✓ 6-10-71	✓ 6-11-71	✓ 6-17-71	
FFD077	3801-3850	2-23-70	0814 10.008	2-26-70	1901 00	✓ 6-11-71	✓ 6-15-71	✓ 7-6-71	
FFD078	3851-3900	2-26-70	1901 21.572	3-2-70	0548 00	✓ 11-23-71	✓ 11-30-71		
FFD079	3901-3950	3-2-70	0548 07.994	3-5-70	1634 00	✓ 6-10-71	✓ 6-11-71	✓ 6-17-71	
FFD080	3951-4000	3-5-70	1634 33.204	3-9-70	0320 00	✓ 6-10-71	✓ 6-11-71	✓ 6-17-71	
FFD081	4001-4050	3-9-70	0320 39.312	3-12-70	1406 00	✓ 6-14-71	✓ 6- -71	✓ 6-17-71	
FFD082	4051-4100	3-12-70	1406 26.290	3-16-70	0052 00	✓ 6-11-71	✓ 6-15-71	✓ 5-1-72	
FFD083	4101-4150	3-16-70	0052 00.106	3-19-70	1137 00	✓ 6-11-71	✓ 6-15-71	✓ 6-21-71	
FFD084	4151-4200	3-19-70	1137 23.038	3-22-70	2222 00	✓ 6-11-71	✓ 6-15-71	✓ 6-21-71	
FFD085	4201-4250	3-22-70	2222 36.850	3-26-70	0907 00	✓ 6-11-71	✓ 6-15-71	✓ 5-1-72	
FFD086	4251-4300	3-26-70	0907 43.238	3-29-70	1952 00	✓ 6-11-71	✓ 6-15-71	✓ 6-29-71	
FFD087	4301-4350	3-29-70	1952 41.391	4-2-70	0637 00	✓ 6-11-71	✓ 6-15-71	✓ 5-10-72	
FFD088	4351-4400	4-2-70	0637 28.963	4-5-70	1722 00	✓ 11-23-71	✓ 12-1-71	✓ 2-14-72	
FFD089	4401-4450	4-5-70	1722 06.338	4-9-70	0406 00	✓ 7-16-71	✓ 7-20-71	✓ 5-1-72	
FFD090	4451-4500	4-9-70	0406 32.354	4-12-70	1450 00	✓ 7-16-71	✓ 7-20-71	✓ 5-1-72	
FFD091	4501-4550	4-12-70	1450 44.014	4-16-70	0134 00	✓ 7-14-71	✓ 7-20-71	✓ 7-26-71	
FFD092	4551-4600	4-16-70	0134 39.788	4-19-70	1218 00	✓ 7-14-71	✓ 7-21-71	✓ 8-1-71	
FFD093	4601-4650	4-19-70	1218 15.706	4-22-70	2301 00	✓ 7-20-71	✓ 7-22-71	✓ 5-10-72	
FFD094	4651-4700	4-22-70	2301 25.717	4-26-70	0944 00	✓ 12-7-71	✓ 12-8-71	✓ 5-11-72	
FFD095	4701-4750	4-26-70	0944 10.528	4-29-70	2026 00	✓ 7-24-71	✓ 8-6-71	✓ 8-19-71	
FFD096	4751-4800	4-29-70	2026 31.445	5-3-70	0708 00	✓ 7-23-71	✓ 8-6-71	✓ 8-19-71	
FFD097	4801-4850	5-3-70	0708 25.272	5-6-70	1749 00	✓ 8-28-71	✓ 8-30-71	✓ 2-15-72	
FFD098	4851-4900	5-6-70	1749 49.375	5-10-70	0430 00	✓ 8-28-71	✓ 8-30-71	✓ 2-22-72	
FFD099	4901-4950	5-10-70	0430 44.732	5-13-70	1511 00	✓ 8-28-71	✓ 8-30-71	✓ 2-15-72	
FFD100	4951-5000	5-13-70	1511 15.904	5-17-70	0151 00	✓ 9-3-71	✓ 9-27-71	✓ 5-10-72	

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	Revs	start		stop		Conv	AØ	Merge	Comm
FFD101	5001-5050	5-17-70	0151 20.050	5-20-70	1230 00	✓ 11-1-71	✓ 11-2-71	✓ 5-10-72	
FFD102	5051-5100	5-20-70	1230 58.934	5-23-70	2310 00	✓ 11-2-71	✓ 11-4-71	✓ 5-10-72	
FFD103	5101-5150	5-23-70	2310 06.411	5-27-70	0548 00	✓ 9-3-71	✓ 9-27-71	✓ 3-21-72	
FFD104	5151-5200	5-27-70	0948 51.946	5-30-70	2027 00	✓ 9-3-71	✓ 9-27-71	✓ 3-21-72	
FFD105	5201-5250	5-30-70	2027 14.651	6-3-70	0705 00	✓ 9-9-71	✓ 9-27-71	✓ 3-21-72	
FFD106	5251-5300	6-3-70	0705 15.750	6-6-70	1742 00	✓ 9-27-71	✓ 10-14-71	✓ 3-21-72	
FFD107	5301-5350	6-6-70	1742 57.637	6-10-70	0420 00	✓ 11-10-71	✓ 11-10-71	✓ 2-22-72	
FFD108	5351-5400	6-10-70	0420 23.514	6-13-70	1457 00	✓ 11-10-71	✓ 11-10-71		
FFD109	5401-5450	6-13-70	1457 33.226	6-17-70	0134 00	✓ 11-10-71	✓ 11-15-71	✓ 3-21-72	
FFD110	5451-5500	6-17-70	0134 24.180	6-20-70	1210 00	✓ 11-9-71	✓ 11-9-71	✓ 3-21-72	
FFD111	5501-5550	6-20-70	1210 53.616	6-23-70	2247 00	✓ 11-5-71	✓ 11-8-71	✓ 3-21-72	
FFD112	5551-5600	6-23-70	2247 02.581	6-27-70	0922 00	✓ 11-9-71	✓ 11-9-71	✓ 3-21-72	
FFD113	5601-5650	6-27-70	0922 52.979	6-30-70	1958 00	✓ 11-10-71	✓ 11-11-71	✓ 3-21-72	
FFD114	5651-5700	6-30-70	1958 21.865	7-4-70	0633 00	✓ 11-10-71	✓ 11-23-71	✓ 3-23-72	
FFD115	5701-5750	7-4-70	0633 27.989	7-7-70	1708 00	✓ 11-10-71	✓ 11-12-71	3-23-72	
FFD116	5751-5800	7-7-70	1708 09.107	7-11-70	0342 00	✓ 11-11-71	✓ 11-11-71	✓ 5-10-72	
FFD117	5801-5850	7-11-70	0342 26.605	7-14-70	1416 00	✓ 11-9-71	✓ 11-9-71	✓ 2-16-72	
FFD118	5851-5900	7-14-70	1416 21.895	7-18-70	0049 00	✓ 11-15-71	✓ 11-16-71	✓ 5-10-72	
FFD119	5901-5950	7-18-70	0049 59.945	7-21-70	1123 00	✓ 11-23-71	✓ 11-11-71	✓ 2-16-72	
FFD120	5951-6000	7-21-70	1123 18.599	7-24-70	2156 00	✓ 11-12-71	✓ 11-15-71	✓ 2-16-72	
FFD121	6001-6050	7-24-70	2156 18.413	7-28-70	0828 00	✓ 11-15-71	✓ 11-16-71		
FFD122	6051-6100	7-28-70	0828 54.986	7-31-70	1901 00	✓ 11-15-71	✓ 11-16-71	no data	
FFD123	6101-6150	7-31-70	1901 11.743	8-4-70	0533 00	✓ 11-15-71	✓ 11-16-71		
FFD124	6151-6200	8-4-70	0533 13.428	8-7-70	1605 00	✓ 11-16-71	✓ 11-17-71		
FFD125	6201-6250	8-7-70	1605 07.107	8-11-70	0236 00	✓ 11-16-71	✓ 11-17-71		
FFD126	6251-6300	8-11-70	0236 54.898	8-14-70	1308 00	✓ 11-19-71	✓ 11-22-71		
FFD127	6301-6350	8-14-70	1308 39.246	8-17-70	2340 00	✓ 11-18-71	✓ 11-19-71		
FFD128	6351-6400	8-17-70	2340 18.254	8-21-70	1011 00	✓ 12-4-71	✓ 12-6-71		
FFD129	6401-6450	8-21-70	1011 46.160	8-24-70	2043 00	✓ 11-18-71	✓ 11-19-71		
FFD130	6451-6500	8-24-70	2043 08.748	8-28-70	0714 00	✓ 11-18-71	✓ 11-19-71		
FFD131	6501-6550	8-28-70	0714 24.576	8-31-70	1745 00	✓ 12-11-71	✓ 12-17-71		
FFD132	6551-6600	8-31-70	1745 32.303	9-4-70	0416 00	✓ 12-14-71	✓ 12-17-71		
FFD133	6601-6650	9-4-70	0416 28.458	9-7-70	1447 00	✓ 12-11-71	✓ 12-15-71		
FFD134	6651-6700	9-7-70	1447 11.436	9-11-70	0117 00	✓ 12-11-71	✓ 12-15-71		
FFD135	6701-6750	9-11-70	0117 39.766	9-14-70	1147 00	✓ 12-13-71	✓ 12-17-71		
FFD136	6751-6800	9-14-70	1147 52.964	9-17-70	2217 00	✓ 12-13-71	✓ 12-17-71		
FFD137	6801-6850	9-17-70	2217 49.763	9-21-70	0847 00	✓ 12-14-71	✓ 12-22-71		
FFD138	6851-6900	9-21-70	0847 30.186	9-24-70	1916 00	✓ 12-15-71	✓ 12-22-71		
FFD139	6901-6950	9-24-70	1916 51.213	9-28-70	0545 00	✓ 12-6-71	✓ 12-10-71		
FFD140	6951-7000	9-28-70	0545 51.831	10-1-70	1614 00	✓ 12-6-71	✓ 12-10-71		
FFD141	7001-7050	10-1-70	1614 31.365	10-5-70	0242 00	✓ 12-14-71	✓ 12-17-71		
FFD142	7051-7100	10-5-70	0242 50.643	10-8-70	1310 00	✓ 12-18-71	✓ 12-17-71		
FFD143	7101-7150	10-8-70	1310 51.045	10-11-70	2338 00	✓ 12-29-71	✓ 12-30-71		
FFD144	7151-7200	10-11-70	2338 34.822	10-15-70	1005 00	✓ 12-16-71	✓ 12-30-71		
FFD145	7201-7250	10-15-70	1005 58.575	10-18-70	2033 00	✓ 12-19-71	✓ 1-12-72		
FFD146	7251-7300	10-18-70	2033 01.467	10-22-70	0659 00	✓ 12-24-71	✓ 1-12-72		
FFD147	7301-7350	10-22-70	0659 40.667	10-25-70	1725 00	✓ 1-7-72			
FFD148	7351-7400	10-25-70	1725 57.652	10-29-70	0351 00	✓ 12-16-71			
FFD149	7401-7450	10-29-70	0351 55.360	11-1-70	1417 00	✓ 12-15-71	✓ 12-16-71		
FFD150	7451-7500	11-1-70	1417 32.281	11-5-70	0042 00	✓ 12-15-71	✓ 12-16-71		

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FFD151	7501-7550	11-5-70	0642 49.361	11-8-70	1107 00	✓	12-22-71	✓	1-6-72	no data	
FFD152	7551-7600	11-8-70	1107 43.538	11-11-70	2132 00	✓	12-30-71	✓	1-6-72		
FFD153	7601-7650	11-11-70	2132 11.589	11-15-70	0756 00	✓	12-24-71	✓	1-12-72		
FFD154	7651-7700	11-15-70	0756 13.253	11-18-70	1819 00	✓	12-24-71	✓	1-12-72		
FFD155	7701-7750	11-18-70	1819 47.961	11-22-70	0442 00	✓	1-5-72	✓	1-12-72		
FFD156	7751-7800	11-22-70	0442 57.396	11-25-70	1505 00	✓	1-5-72	✓	1-12-72		
FFD157	7801-7850	11-25-70	1505 41.290	11-29-70	0128 00	✓	1-5-72	✓	1-15-72		
FFD158	7851-7900	11-29-70	0128 09.742	12-2-70	1150 00	✓	1-5-72	✓	1-15-72		
FFD159	7901-7950	12-2-70	1150 09.832	12-5-70	2211 00	✓	1-11-72				
FFD160	7951-8000	12-5-70	2211 58.208	12-9-70	0833 00	✓	1-7-72				
FFD161	8001-8050	12-9-70	0833 29.490	12-12-70	1854 00	✓	1-7-72	✓	1-31-72		
FFD162	8051-8100	12-12-70	1854 49.599	12-16-70	0515 00	✓	1-8-72	✓	1-31-72		
FFD163	8101-8150	12-16-70	0515 44.608	12-19-70	1536 00	✓	1-7-72				
FFD164	8151-8200	12-19-70	1536 30.992	12-23-70	0157 00	✓	1-7-72				
FFD165	8201-8250	12-23-70	0157 05.841	12-26-70	1217 00	✓	1-11-72	✓	1-31-72		
FFD166	8251-8300	12-26-70	1217 29.974	12-29-70	2237 00	✓	1-11-72	✓	1-31-72		
FFD167	8301-8350	12-29-70	2337 44.241	1-2-71	0857 00	✓	1-25-72				
FFD168	8351-8400	1-2-71	0857 48.225	1-5-71	1917 00	✓	1-11-72				
FFD169	8401-8450	1-5-71	1917 41.355	1-9-71	0637 00	✓	1-15-72	✓	2-1-72		
FFD170	8451-8500	1-9-71	0537 23.763	1-12-71	1556 00	✓	1-15-72	✓	2-1-72		
FFD171	8501-8550	1-12-71	1556 56.839	1-16-71	0216 00	✓	1-15-72				
FFD172	8551-8600										
FFD173	8601-8650										
FFD174	8651-8700	1-22-71	2254 14.475	1-26-71	0912 00	✓	1-15-72				
FFD175	8701-8750	1-26-71	0912 49.170	1-29-71	1931 00	✓	1-15-72				
FFD176	8751-8800										
FFD177	8801-8850	2-2-71	0548 57.119	2-5-71	1606 00	✓	1-27-72				
8											
9											
FFD180											
1											
2											
3											
4											
5											
6											
7											
8											
9											
FFD190											
1											
2											
3											
4											
5											
6											
7											
8											
9											
FFD200											

70 ↑ → FFD167 ↓ 71

	Rows	start	end	Conv	AØ	Merge	Commen
FFD201	10001-10050						
2	10051-10100						
3	10101-10150						
4	10151-10200						
5	10201-10250						
6	10251-10300						
7	10301-10350						
8	10351-10400						
9	10401-10450						
FFD210	10451-10500						
1	10501-10550						
2	10551-10600						
3	10601-10650						
4	10651-10700						
5	10701-10750						
6	10751-10800						
7	10801-10850						
8	10851-10900						
9	10901-10950						
FFD220	10951-11000						

69-051A-13A

EXPERIMENT 13, OGO-6, Merged Tape Description

The final merged tapes for this experiment each contain 50 orbits of experimental data and selected attitude/orbit information. The tapes are written at 556 bpi, 7 track, odd parity and were produced on a CDC 6400 computer system. All words are 60 bits long in CDC 6000 format for numerical information and in CDC 6000 display code for BCD information.

Each tape contains 50 files of information consisting of 1 25-word orbit information record, 1 80-word attitude/orbit data record containing parameters for start of orbit (ascending node) and approximately 100 200-word records each containing 80 words of attitude/orbit data at one minute intervals and 120 words of experimental data at one second intervals. A 5 word label record preceedes the first orbit. Two ends-of-file indicate the end of information on a tape.

The experimental data is not calibrated, but is stored in data number form. Calibration is applied at the time of data display so that problems normally resulting from calibration refinements are simplified. Digitized calibration curves are available for use upon request.

The detailed contents of each record are described below:

A. Label record - 5 60-bit words

word 1 BCD Tape Number i.e. FFDNNNbbb

2 Integer Orbit Number of first orbit on tape

3 Integer flag - should always be 50

4 Integer flag - should always be 1

5 BCD Identification - OGO-FbbF13

*Lower case b indicates a BCD blank.

B. Orbit Information record - 25 60-bit words

word 1	Orbit Number	Integer
2,3	Day No. & msec of day, orbit start	"
4,5	Day No. & msec of day, orbit end	"
6,7	Day No. & msec of day, eclipse start	"
8,9	Day No. & msec of day, eclipse end	"
10,11	Day No. & msec of day, noon turn	"
12,13	Day No. & msec of day, epoch	"
14	Semimajor axis a (earth radii)	Real
15	Eccentricity e	"
16	Inclination i (degrees)	"
17	Longitude of ascending node Ω (degrees)	"
18	Argument of perigee ω (degrees)	"
19	Period (minutes)	"
20	$\dot{\Omega}$ (degrees/day)	"
21	$\dot{\omega}$ (degrees/day)	"
22	$\dot{T}$ (minutes/day)	"
23-25	Spares	

C. Attitude/orbit data record - 80 60-bit words

word 1,2	Day No. & msec of day for this record	Integer
3,5	Local time at subsatellite point (hr, min, sec)	"

word 6,7	No data/Suspect data flags	Integer
8-10	Position vector x,y,z (kilometers)	Real
11	Radial distance r (kilometers)	"
12-14	Velocity vector $\dot{x},\dot{y},\dot{z}$ (km/sec)	"
15	Speed v (km/sec)	"
16-18	Solar vector x_s,y_s,z_s (kilometers)	"
19	Solar distance r_s (kilometers)	"
20,21	Latitude & Longitude of subsatellite point (degrees)	"
22	Height above geoid h (kilometers)	"
23,24	Right ascension & declination of satellite (degrees)	"
25,26	Right ascension & declination of field of view (degrees)	"
27	Sun-earth-satellite angle (degrees)	"
28	Solar zenith angle - subsatellite point (degrees)	"
29	Solar zenith angle - at satellite (degrees)	"
30	True anomaly (degrees)	"
31-33	Roll axis components in GEI coords	"
34-36	Pitch axis components in GEI coords	"
37-39	Yaw axis components in GEI coords	"
40	Array angle (degrees)	"
41	OPEP angle (degrees)	"
42	Magnetic range (earth radii)	"
43	Magnetic latitude (degrees)	"
44	McIlwain parameter (earth radii)	"
45	Field strength (gamma)	"
46	Field strength ratio to equatorial	"
47,48	Latitude & longitude of mag line ingress (degrees)	"

word 49,50	Latitude & longitude of mag line egress (degrees)	Real
51-53	Magnetic line unit vector in GEI coords	"
54-56	Magnetic line unit vector in body coords	"
57-59	$\hat{BBG}$ vector	"
60-68	GEI to GSE transformation matrix	"
69-77	GEI to GSM transformation matrix	"
78	Attitude data flag	"
79,80	Spares	

More complete descriptions of the parameters are available in the Data Processing Plan for OGO-E.

D. Merged data records - 200 60-bit words

Words 1-80 are exactly as those detailed in C above with each record now corresponsing to times occuring on even minutes and at 1 minute intervals.

Words 81-140 contain channel A data words

Words 141-200 contain channel B data words

The experimental data consists of packed words containing the integer day number in the high 12 bits, integer seconds of day in the next 24 bits and the experimental reading in the low 12 bits. The range of data is 0-255 in data numbers ($0-377_8$) with 4000_8 used to indicate lack of data. The first word of the group of 60 corresponds to the time given in words 1 and 2 of the record and each succeeding word at 1 second time intervals.

R. P. Headley
7-15-71

FILE 0001 REC 0001 CH 0132

0001	000000000063	000000000240	000047660112	000000000240	000076370140	000000000000	000000000000	000000000000
0049	000000000000	000000000000	000000000000	000000000234	000000156024	201435667302	174622240601	207507776256
0097	210550614744	210473206527	207616627055	600744657434	602611176060	000000000000		

FILE 0001 REC 0002 CH 0468

0001	000000000240	000047660112	000000000022	000000000050	000000000023	000000000000	000000000000	615716455266
0049	211565161233	572521777777	215717132220	176466754057	601402125633	203707172317	203713711657	231736174314
0097	234404134621	232703230531	234441645261	563526125377	607756662703	213402123770	210542163767	563516372633
0145	210540173211	576674667264	207615005777	207615005777	207615013512	210654741761	573761731545	577626202665
0193	200725562703	574760135521	600724550167	577627332611	203776645307	575425105111	170760721754	210513777217
0241	604761026104	201445303326	203656106021	201451351307	217501757320	201411415562	205437623654	607742326110
0289	605634602671	610400631770	176521317645	576532145250	200761430365	200750173677	576757260556	176557163122
0337	214635377045	217470701311	214675702225	176646334535	200713504464	177616505352	600764772711	176603436534
0385	175520100640	000000000000	577627312703	200725570300	176646334535	200713505115	177616502745	600754760153
0433	177407221651	575523002256	576545116475	577556252223	200725550272	000000000000		

FILE 0001 REC 0003 CH 2628

0001	000000000240	000050033640	000000000022	000000000052	000000000002	000000000000	000000000000	615715300240
0049	211475062426	211607725300	215715346414	200432653131	601406751035	203706435143	203714512074	231736160030
0097	234404135057	232703231154	234441645266	202606710137	607756037737	212776431235	210543051232	202604506315
0145	210542343641	202513727750	207611572276	207611572276	207611600013	210663247072	173534067726	577646726421
0193	200722124701	575401042456	600721504273	577644737340	200776677725	574614437174	574562504326	210515470716
0241	605413004754	201443735047	204473467431	201454451126	217511651706	201430531344	205451463017	607743037432
0289	605645763432	610401544230	177502414702	576533471470	200736066575	200732477667	576776374670	177436757361
0337	214633617416	217471134622	215547544227	176646321602	200713505101	177616505723	600764773356	176603424517
0385	175520070074	000000000000	577627312703	200725570300	176646321602	200713505532	177616503317	600755022511
0433	177407001477	575520166477	576543541376	577556417145	200725570154	000000000000	000000000240	000000024404
0481	000000000251	000000000240	000000024405	000000000251	000000000240	000000024406	000000000251	000000000240
0529	000000024407	000000000251	000000000240	000000024410	000000000251	000000000240	000000024411	000000000251
0577	000000000240	000000024412	000000000251	000000000240	000000024413	000000000251	000000000240	000000024414
0625	000000000251	000000000240	000000024415	000000000251	000000000240	000000024416	000000000251	000000000240
0673	000000024417	000000000251	000000000240	000000024420	000000000251	000000000240	000000024421	000000000251
0721	000000000240	000000024422	000000000251	000000000240	000000024423	000000000251	000000000240	000000024424
0769	000000000251	000000000240	000000024425	000000000251	000000000240	000000024426	000000000251	000000000240
0817	000000024427	000000000251	000000000240	000000024430	000000000251	000000000240	000000024431	000000000251
0865	000000000240	000000024432	000000000251	000000000240	000000024433	000000000251	000000000240	000000024434
0913	000000000251	000000000240	000000024435	000000000251	000000000240	000000024436	000000000251	000000000240
0961	000000024437	000000000251	000000000240	000000024440	000000000251	000000000240	000000024441	000000000251
1009	000000000240	000000024442	000000000251	000000000240	000000024443	000000000251	000000000240	000000024444
1057	000000000251	000000000240	000000024445	000000000251	000000000240	000000024446	000000000251	000000000240
1105	000000024447	000000000251	000000000240	000000024450	000000000251	000000000240	000000024451	000000000251
1153	000000000240	000000024452	000000000251	000000000240	000000024453	000000000251	000000000240	000000024454
1201	000000000251	000000000240	000000024455	000000000251	000000000240	000000024456	000000000251	000000000240
1249	000000024457	000000000251	000000000240	000000024460	000000000251	000000000240	000000024461	000000000251
1297	000000000240	000000024462	000000000251	000000000240	000000024463	000000000251	000000000240	000000024464
1345	000000000251	000000000240	000000024465	000000000251	000000000240	000000024466	000000000251	000000000240
1393	000000024467	000000000251	000000000240	000000024470	000000000251	000000000240	000000024471	000000000251
1441	000000000240	000000024472	000000000251	000000000240	000000024473	000000000251	000000000240	000000024474
1489	000000000251	000000000240	000000024475	000000000251	000000000240	000000024476	000000000251	000000000240
1537	000000024477	000000000251	000000000240	000000024404	000000000025	000000000240	000000024405	000000000025
1585	000000000240	000000024406	000000000026	000000000240	000000024407	000000000026	000000000240	000000024410
1633	000000000026	000000000240	000000024411	000000000026	000000000240	000000024412	000000000026	000000000240
1681	000000024413	000000000026	000000000240	000000024414	000000000025	000000000240	000000024415	000000000025
1729	000000000240	000000024416	000000000025	000000000240	000000024417	000000000025	000000000240	000000024420
1777	000000000025	000000000240	000000024421	000000000025	000000000240	000000024422	000000000025	000000000240
1825	000000024423	000000000025	000000000240	000000024424	000000000025	000000000240	000000024425	000000000025
1873	000000000240	000000024426	000000000024	000000000240	000000024427	000000000024	000000000240	000000024430
1921	000000000024	000000000240	000000024431	000000000023	000000000240	000000024432	000000000022	000000000240
1969	000000024433	000000000022	000000000240	000000024434	000000000022	000000000240	000000024435	000000000022
2017	000000000240	000000024436	000000000022	000000000240	000000024437	000000000022	000000000240	000000024440
2065	000000000021	000000000240	000000024441	000000000021	000000000240	000000024442	000000000021	000000000240
2113	000000024443	000000000020	000000000240	000000024444	000000000020	000000000240	000000024445	000000000020
2161	000000000240	000000024446	000000000017	000000000240	000000024447	000000000017	000000000240	000000024450
2209	000000000017	000000000240	000000024451	000000000017	000000000240	000000024452	000000000017	000000000240

Dev 556, B/N
No. 50 files
6/9/69 –
6/12/69

ORBITS A51 –
100
D-1000
C-0120

FILE 001 REC 0007 CH 2628

1729	000000000243	000000142256	000000000012	000000000243	000000142257	000000000012	000000000243	000000142260
1777	000000000012	000000000243	000000142261	000000000012	000000000243	000000142262	000000000243	000000000012
1825	000000142263	000000000012	000000000243	000000142264	000000000012	000000000243	000000142265	000000000012
1873	000000000243	000000142266	000000000012	000000000243	000000142267	000000000012	000000000243	000000142270
1921	000000000012	000000000243	000000142271	000000000012	000000000243	000000142272	000000000012	000000000243
1969	000000142273	000000000012	000000000243	000000142274	000000000012	000000000243	000000142275	000000000012
2017	000000000243	000000142276	000000000012	000000000243	000000142277	000000000012	000000000243	000000142300
2065	000000000012	000000000243	000000142301	000000000012	000000000243	000000142302	000000000012	000000000243
2113	000000142303	000000000012	000000000243	000000142304	000000000012	000000000243	000000142305	000000000012
2161	000000000243	000000142306	000000000012	000000000243	000000142307	000000000012	000000000243	000000142310
2209	000000000012	000000000243	000000142311	000000000012	000000000243	000000142312	000000000012	000000000243
2257	000000142313	000000000012	000000000243	000000142314	000000000012	000000000243	000000142315	000000000012
2305	000000000243	000000142316	000000000012	000000000243	000000142317	000000000012	000000000243	000000142320
2353	000000000012	000000000243	000000142321	000000000012	000000000243	000000142322	000000000012	000000000243
2401	000000142323	000000000012	000000000243	000000142324	000000000012	000000000243	000000142325	000000000012
2449	000000000243	000000142326	000000000012	000000000243	000000142327	000000000012	000000000243	000000142330
2497	000000000012	000000000243	000000142331	000000000012	000000000243	000000142332	000000000013	000000000243
2545	000000142333	000000000013	000000000243	000000000012	000000142334	000000000243	000000142335	000000000012
2593	000000000243	000000142336	000000000012	000000000243	000000142337	000000000012		

FILE 001 REC 0008 CH 2628

0001	000000000243	000000205400	000000000022	000000000014	000000000055	000000000000	000000000000	615711721620
0049	212617135603	616626357252	215714502633	175612544237	601405442746	203711656540	203716416511	231532447762
0097	234407010542	232710160163	234441737431	577606642313	206770402715	212757754236	210533437647	577604432050
0145	210532632374	577753257156	207564077237	207564077237	207564104773	210701504122	574671204606	577630356005
0193	200724542372	575641151710	600721632354	577634052354	200774456023	575726550402	172422323776	210531533523
0241	605404073046	201434362431	604404634723	201442235733	217551237727	201425003414	205742324357	206766561306
0289	604666024336	207400311615	577507303110	175762145510	200741072526	200650312443	577723141250	577513351164
0337	613762660400	217524226151	615725372544	176462005761	200720354340	177622645202	600772201105	176430600327
0385	174746770003	000000000000	577627312703	200725570300	176462005761	200720354637	177622643441	600770324736
0433	175644626635	176431144036	175530511266	577641670526	200721342213	000000000000	000000000243	000000142340
0481	000000000247	000000000243	000000142341	000000000247	000000000243	000000142342	000000000246	000000000243
0529	000000142343	000000000247	000000000243	000000142344	000000000247	000000000243	000000142345	000000000250
0577	000000000243	000000142346	000000000251	000000000243	000000142347	000000000252	000000000243	000000142350
0625	000000000252	000000000243	000000142351	000000000252	000000000243	000000142352	000000000242	000000000243
0673	000000142353	000000000241	000000000243	000000142354	000000000241	000000000243	000000142355	000000000240
0721	000000000243	000000142356	000000000237	000000000243	000000142357	000000000246	000000000243	000000142360
0769	000000000247	000000000243	000000142361	000000000247	000000000243	000000142362	000000000247	000000000243
0817	000000142363	000000000247	000000000243	000000142364	000000000247	000000000243	000000142365	000000000247
0865	000000000243	000000142366	000000000246	000000000243	000000142367	000000000246	000000000243	000000142370
0913	000000000245	000000000243	000000142371	000000000245	000000000243	000000142372	000000000246	000000000243
0961	000000142373	000000000247	000000000243	000000142374	000000000250	000000000243	000000142375	000000000250
1009	000000000243	000000142376	000000000251	000000000243	000000142377	000000000251	000000000243	000000142400
1057	000000000252	000000000243	000000142401	000000000251	000000000243	000000142402	000000000251	000000000243
1105	000000142403	000000000251	000000000243	000000142404	000000000251	000000000243	000000142405	000000000251
1153	000000000243	000000142406	000000000251	000000000243	000000142407	000000000251	000000000243	000000142410
1201	000000000251	000000000243	000000142411	000000000251	000000000243	000000142412	000000000252	000000000243
1249	000000142413	000000000252	000000000243	000000142414	000000000252	000000000243	000000142415	000000000252
1297	000000000243	000000142416	000000000252	000000000243	000000142417	000000000252	000000000243	000000142420
1345	000000000252	000000000243	000000142421	000000000252	000000000243	000000142422	000000000252	000000000243
1393	000000142423	000000000252	000000000243	000000142424	000000000252	000000000243	000000142425	000000000252
1441	000000000243	000000142426	000000000252	000000000243	000000142427	000000000252	000000000243	000000142430
1489	000000000253	000000000243	000000142431	000000000253	000000000243	000000142432	000000000253	000000000243
1537	000000142433	000000000253	000000000243	000000142340	000000000014	000000000243	000000142341	000000000014
1585	000000000243	000000142342	000000000014	000000000243	000000142343	000000000014	000000000243	000000142344
1633	000000000014	000000000243	000000142345	000000000014	000000000243	000000142346	000000000014	000000000243
1681	000000142347	000000000014	000000000243	000000142350	000000000014	000000000243	000000142351	000000000015
1729	000000000243	000000142352	000000000015	000000000243	000000142353	000000000014	000000000243	000000142354
1777	000000000015	000000000243	000000142355	000000000015	000000000243	000000142356	000000000014	000000000243
1825	000000142357	000000000014	000000000243	000000142360	000000000014	000000000243	000000142361	000000000014
1873	000000000243	000000142362	000000000013	000000000243	000000142363	000000000013	000000000243	000000142364
1921	000000000013	000000000243	000000142365	000000000013	000000000243	000000142366	000000000013	000000000243
1969	000000142367	000000000013	000000000243	000000142370	000000000012	000000000243	000000142371	000000000012