DATA SET CATALOG #125

OGO-4

LOW ENERGY AUR PART A

67-073A-11A 31 tapes

67-073A-11A
OGO-4 L ENERGY AUR PART A

This data set consists of 31, 800 BPI, BINARY, 9-track tapes produced on the IBM/360. The copy tapes are 7-track instead of nine track and there are frequently 2 C-tapes to each D-tape. The unique time is given in the first word of each record and is in deciseconds since 0 hours, 0 minutes, and 0 seconds of June 28, 1967.

D#9tr.	D#-7tr.	Start	Stop
D-05976	D-06374	7/30/67 0.12.9	9/12/67 22.36.5
	D-06375	9/12/67 22.36.42	9/16/67 0.35.36
D-05977	D-06376	9/16/67 0.35.38	10/11/67 10.56.33
	D-06377	10/11/67 10.56.35	10/16/67 18.12.20
D-05978	D-06378	10/16/67 18.12.57	11/16/67 18.48.15
	D-06379	11/16/67 18.48.24	12/5/67 17.13.44
D-05979	D-06380	12/5/67 17.15.20	1/7/68 0.18.39
	D-06381	1/7/68 0.18.48	1/10/68 4.41.0
D-05980	D-06382	1/10/68 4.41.37	1/12/68 20.20.10
D-05981	D-06383	1/12/68 20.20.19	1/22/68 21.8.30
	D-06384	1/22/68 21.8.39	1/23/68 23.10.27
D-05982	D-06385	1/23/68 23.10.36	1/31/68 8.22.40
	D-06386	1/31/68 8.22.42	2/2/68 1.1.55
D-05983	D-06387	2/2/68 1.1.58	2/8/68 23.43.18
	D-06388	2/8/68 23.43.22	2/10/68 23.44.9
D-05984	D-06389	2/10/68 23.44.11	2/17/68 23.9.18
	D-06390	2/17/68 23.9.21	2/19/68 0.30.18
D-05985	D-06391	2/19/68 0.30.55	2/20/68 8.23.10
D-05986	D-06392	2/20/68 8.23.12	2/26/68 23.22.53
	D-06393	2/26/68 23.22.56	2/28/68 9.36.2
D-05987	D-06394	2/28/68 9.36.4	3/6/68 9.14.43
	D-06395	3/6/68 9.14.45	3/9/68 16.55.49
D-05988	D-06396	3/9/68 16.56.25	3/20/68 19.15.25
	D-06397	3/20/68 19.16.2	3/23/68 7.24.8
D-05989	D-06398	3/23/68 7.24.10	3/26/68 8.36.8
D-05990	D-06399	3/26/68 8.36.10	4/4/68 3.47.49
	D-06400	4/4/68 3.47.51	4/6/68 6.2.7
D-05991	D-06401	4/6/68 6.2.9	4/11/68 4.5.41
	D-06402	4/11/68 4.6.18	4/12/68 6.36.2
D-05992	D-06403	4/12/68 6.36.4	4/16/68 1.35.15
	D-06404	4/16/68 1.35.17	4/16/68 15.58.7
D-05993	D-06405	4/16/68 15.58.9	4/20/68 11.9.17
	D-06406	4/20/68 11.9.53	4/21/68 3.11.9
D-05994	D-06407	4/21/68 3.11.12	4/24/68 1.12.59
	D-06408	4/24/68 1.13.1	4/24/68 12.34.17
D-05995	D-06409	4/24/68 12.34.20	4/24/68 14.6.15
D-05996	D-06410	4/24/68 14.6.17	4/27/68 2.13.47
	D-06411	4/27/68 2.13.50	4/27/68 15.12.6

D-05997	D-06412	4/27/68 15.12.8	4/30/68 3.8.20
	D-06413	4/30/68 3.8.23	4/30/68 14.36.22
D-05998	D-06414	4/30/68 14.36.25	4/30/68 16.2.23
D-05999	D-06415	4/30/68 16.2.25	5/3/68 1.0.22
	D-06416	5/3/68 1.0.59	5/3/68 5.16.44
D-06000	D-06417	5/3/68 9.16.46	5/5/68 14.37.36
	D-06418	5/5/68 14.37.38	5/6/68 3.38.39
D-06001	D-06419	5/6/68 3.38.48	5/9/68 0.3.25
	D-06420	5/9/68 0.3.28	5/9/68 14.25.26
D-06002	D-06421	5/9/68 14.25.29	5/12/68 23.36.45
	D-06422	5/12/68 23.36.48	5/13/68 15.47.26
D-06003	D-06423	5/13/68 15.47.29	5/13/68 15.50.56
D-06004	D-06424	5/13/68 15.50.58	5/17/68 23.49.14
	D-06425	5/17/68 23.49.17	5/18/68 22.36.45
D-06005	D-06426	5/18/68 22.37.21	5/22/68 23.50.29
	D-06427	5/22/68 23.50.32	5/24/68 0.25.47
D-06006	D-06428	5/24/68 0.25.49	6/1/68 20.53.11

46 more tapes have been added to this data set. The unique time is given in the first word of each record and is in deciseconds since 0 hours, 0 minutes and 0 seconds of June 28, 1967.

D# 9tr.	D# 7tr.	START		STOP	
D-08502	D-10291	5/27/68	9.26.37	6/05/68	20.29.36
D-08503	D-10292	6/05/68	20.29.48	6/05/68	23.46.32
D-08504	D-10293	6/05/68	23.46.36	6/24/68	20.36.18
D-08505	D-10294	6/24/68	20.36.20	6/25/68	22.31.31
D-08506	D-10295	6/25/68	22.31.33	7/06/68	19.40.43
D-08507	D-10296	7/06/68	19.40.46	7/07/68	8.22.16
D-08508	D-10297	7/07/68	8.22.20	7/15/68	20.58.04
D-08509	D-10298	7/15/68	20.58.05	7/16/68	4.57.16
D-08510	D-10299	7/16/68	4.57.18	7/24/68	18.47.12
D-08511	D-10300	7/24/68	18.47.10	7/25/68	17.29.48
D-08512	D-10301	7/25/68	17.29.50	7/30/68	6.06.55
D-08513	D-10302	7/30/68	6.06.59	7/31/68	1.42.46
D-08514	D-10303	7/31/68	1.42.48	8/01/68	18.15.20
D-08515	D-10304	8/01/68	18.15.22	8/05/68	16.21.00
D-08516	D-10305	8/05/68	16.21.05	8/09/68	12.32.47
D-08517*	D-10306	8/09/68	12.32.51	8/13/68	4.18.09
D-08518	D-10307	8/13/68	4.18.10	8/16/68	18.18.10
D-08519	D-10308	8/16/68	18.18.21	8/17/68	13.48.38
D-08520	D-10309	8/17/68	13.49.15	8/21/68	5.04.15
D-08521	D-10310	8/21/68	5.04.17	8/25/68	13.02.07
D-08522	D-10311	8/25/68	13.02.10	8/29/68	4.23.41
D-08523	D-10312	8/29/68	4.23.49	9/03/68	12.24.45

D@ 9tr.	D@ 7tr.	START		STOP	
D-08524	D-10313	9/03/68	12.24.46	9/04/68	13.04.12
D-08525	D-10314	9/04/68	13.04.14	9/11/68	0.20.40
D-08526	D-10315	9/11/68	0.21.17	9/12/68	2.16.35
D-08527	D-10316	9/12/68	2.16.36	9/23/68	12.22.14
D-08528	D-10317	9/23/68	12.22.23	10/11/68	22.19.05
D-08529	D-10318	10/11/68	22.19.08	10/23/68	16.18.22
D-08530	D-10319	10/23/68	16.18.27	10/30/68	10.13.18
D-08531	D-10320	10/30/68	10.13.20	11/07/68	9.15.46
D-08532	D-10321	11/07/68	9.15.49	11/13/68	7.28.13
D-08533	D-10322	11/13/68	7.28.32	11/13/68	20.26.54
D-08534	D-10323	11/13/68	20.26.56	11/17/68	8.52.57
D-08535*	D-10324	11/17/68	8.52.59	11/22/68	5.19.02
D-08536	D-10325	11/22/68	5.19.04	11/22/68	15.04.07
D-08537	D-10326	11/22/68	15.04.16	11/28/68	16.14.58
D-08538	D-10327	11/28/68	16.15.07	12/03/68	13.11.16
D-08539	D-10328	12/03/68	13.11.25	12/05/68	4.06.53
D-08540	D-10329	12/05/68	4.06.56	12/05/68	7.00.37
D-08541	D-10330	12/05/68	7.00.39	12/11/68	2.08.31
D-08542	D-10331	12/11/68	2.08.33	12/17/68	4.02.56
D-08543	D-10332	12/17/68	4.02.59	12/18/68	13.59.55
D-08544	D-10333	12/18/68	14.00.32	12/27/68	1.30.56
D-08545	D-10334	12/27/68	1.31.31	1/14/69	14.07.40
D-08546	D-10335	1/14/69	14.07.45	1/15/69	1.39.40
D-08547	D-10336	1/15/69	1.39.45	1/25/69	11.54.15

* Indicates a problem encountered while attempting to dupe 9 track to 7 track tapes.

APPENDIX B

Pogo II Encyclopedia Tape

The Pogo II Encyclopedia Tapes are 9-track, 800 bpi tapes written in IBM/360 internal format. The record format is undefined (U) with a maximum block size of 9002 bytes (BLKSIZE=9002). The tapes as produced by the Encyclopedia program are labeled tapes containing standard IBM magnetic tape labels with a data set name PORCA. The Pogo II data tapes sent to the Data Center do not contain the standard magnetic tape labels. All tapes contain a single file of data.

POCO II Encyclopedia Tape Format

Records on the POCO II Encyclopedia Tapes correspond to records on the input decom tapes. That means a record is information from one satellite telecommunication sequence (128 main commutator frames). Files from the decom tapes, however, are merged, so the Encyclopedia Tapes consist of records from all input files written in time order with no duplicate coverage.

Name	Dimension	Type	Contents
ITIME	1	I*4	Unique Time of 1st frame
ITIM	1	I*4	Millisecond of 1st frame
SCLK	128	I*4	Spacecraft clock
WPOWER	1	I*2	Experiment Power
WMODE	1	I*2	Experiment Mode:
			1 = Electrons
			2 = Protons
			0 = Undetermined
WTEMP	1	I*2	Experiment Temperature
WLOAD	1	I*2	OGO Load Bus
WPLOT	7	I*2	Calibration Voltages
WBACK	4	I*2	Background Readouts
WFLA	1	I*2	Absolute File Number
WTYP	1	I*2	Data Type:
			1 = 4 KB
			2 = 16 KB
			3 = 64 KB
			4 = 4 KB Playback
WERS	128	I*2	Error indicator:
			0 - 12 Number of bit errors in frame sync word
			99 = Data is pad
			999 Data and time is pad
WDATA	Depends on format	I*2	Data Arrays