#479

COSMOS 900

ELECTRON + PROTON DATA

77-023A-05A

COSMOS 900

ELECTRON + PROTON DATA

77-023A-05A

This data set has been restored. There was originally one 9-track, 1600 BPI tape written in ASCII. 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 a MOD-COMP 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
DR005695	DS005695	D043047	1 - 2	12/01/77 - 12/12/77

REQ. AGENT	RAND NO.	ACQ. AGENT
VPL	V0063	DNS

COSMOS 900

ELECTRON + PROTON DATA

77-023A-05A

This data set catalog consists of 1 data tape. The tape is 9 track, ASCII, 1600 BPI with 2 files of data. The tape was created on the MODCOM IV computer system.

Time span is as follows:

D#	C#	FILES	TIME SPAN
D-43047	C-21305	1	12/01/77 - 12/02/77
		2	12/11/77 - 12/12/77

77-023A

DOCUMENTATION FOR COSMOS-900

THE COSMSO-900 DATA TAPE WAS DERIVED FROM A LISTING OF DATA FROM RUSSIA WHICH WAS KEYPUNCHED TO DATA CARDS THEN LOADED ONTO A 9TRK, 1600BPI.ASCII TAPE(77-023A-05A).

THE TAPE HAS 2 FILES, WITH 80 BYTE RECORDS. THE FIRST FILE HAS 2163 RECORDS WITH DATA FROM DECEMBER 1-2,1977 DAYS(335-336).

THE SECOND FILE HAS 1271 RECORDS WITH DATA FROM DECEMBER 11-12,1977 DAYS(345-346).

THE FIRST RECORD OF THE FIRST FILE IS A HEADER RECORD AND CONTAINS THE FOLLOWING:

BYTES			FORMAT
1-10	STATION ID.	COSMOS-900	A10
11	# FILES	2	I1
12-13	BYTES/REC.	80	I2
14	BLANK		X
15	FILE #	1	I1
16-19	# RECS./FILE	2163	I4
START TIME FILE# 1			
20-21	YEAR	77	I2
22-24	DAY	335	I3
25-26	HOUR	14	I2
27-28	MINUTE	41	I2
29-30	SECONDS	25	I2
31	'-'		A1(OR IF NOT WANTED(X))
STOP TIME FILE# 1			
32-34	DAY	336	I3
35-36	HOUR	10	I2
37-38	MINUTE	42	I2
39-40	SECONDS	30	I2
41	'-'		A1(OR IF NOT WANTED(X))
42	FILE #	2	I1
43-46	# RECS./FILE	1271	I4
START TIME FILE# 2			
47-48	YEAR	77	I2
49-51	DAY	345	I3
52-53	HOUR	20	I2
54-55	MINUTE	56	I2
56-57	SECONDS	04	I2
58	'-'		A1(OR IF NOT WANTED(X))
STOP TIME FILE# 2			
59-61	DAY	346	I3
62-63	HOUR	07	I2
64-65	MINUTE	50	I2
66-67	SECONDS	18	I2
68-80	BLANK		X

THE DATA RECORDS ARE TIME/DATA, TIME/DATA! THAT IS TWO!! PAIRS OF TIME/DATA!!!!!!!!!!!!!!!!!!!!

THE DATA RECORD IS FORMATED AS FOLLOWS:

BYTES		FORMAT	1ST 2 RECS 1	2
1-3	DAY	I3	335	335
4	BLANK	X		
5-6	HOUR	I2	14	14
7	BLANK	X		
8-9	MINUTE	I2	41	42
10	BLANK	X		
11-12	SECONDS	I2	25	47
13-14	BLANK	2X		
15-18	PROTONS (1-3 MEV LOG(C/S))	F4.2	.92	.92
19-20	BLANK	2X		
21-24	PROTONS (80-130 KEV LOG(C/S))	F4.2	.96	.96
25-26	BLANK	2X		
27-30	ELECTRONS (80-130 KEV LOG(C/S))	F4.2	2.54	1.53
31-39	BLANK	9X		
40-42	DAY	I3	335	335
43	BLANK	X		
44-45	HOUR	I2	14	14
46	BLANK	X		
47-48	MINUTES	I2	42	42
49	BLANK	X		
50-51	SECONDS	I2	42	52
52-53	BLANK	2X		
54-57	PROTONS (1-3 MEV LOG(C/S))	F4.2	.92	.92
58-59	BLANK	2X		
60-63	PROTONS (80-130 KEV LOG(C/S))	F4.2	.96	.96
64-65	BLANK	2X		
66-69	ELECTRONS (80-130 KEV LOG(C/S))	F4.2	1.39	1.83
70-80	BLANK	10X		

D- 43047
Cosmos 900
12/01/77 - 12/12/77

DUMP OF TAPE X395

INPUT TAPE X395 ON MT2
DATA INPUT H9 NF 2 FL 2 2 2

FILE 1 RECORD 1 LENGTH 80BYTES 2 1335

(0)	434F534D	4F532D39	30303238	30203132	31353937	37333335	31343431	32352D33	33363130	34323330
(40)	3B323132	37323737	33343532	30353030	34203334	36303735	30313820	20202020	20202020	20202020

FILE 1 RECORD 2 LENGTH 80BYTES

(0)	33333520	31342034	31203235	2020202E	39322020	202E3936	2020322E	35342020	20202020	20202033
(40)	33352031	34203432	20343220	20202E39	32202020	2E393620	20312E33	39202020	20202020	20202020

FILE 1 RECORD 2158 LENGTH 80BYTES

(0)	33333620	31302034	32203135	2020202E	39322020	202E3936	2020312E	34362020	20202020	20202033
(40)	33362031	30203432	20323020	20202E39	32202020	2E393620	20312E32	32202020	20202020	20202020

FILE 1 RECORD 2159 LENGTH 80BYTES

(0)	33333620	31302034	32203330	2020202E	39322020	202E3936	2020312E	33362020	20202020	20202033
(40)	33362031	30203432	20333520	20202E39	32202020	2E393620	20312E30	38202020	20202020	20202020

FILE	INPUT RECS.	DATA RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY PERM	ZERO B	SHORT	UNDEF.	INPUT RETRIES #RECS.	TOTAL#
1	2159	2161	80	0	0	0	0	0	0

FILE 2 RECORD 1 LENGTH 80BYTES

(0)	33343520	32302035	30202034	2020202E	39322020	312E3033	2020202E	39372020	20202020	20202033
(40)	34352032	30203530	20353120	20202E39	32202031	2E343920	20202E39	37202020	20202020	20202020

FILE 2 RECORD 2 LENGTH 80BYTES

(0)	33343520	32302035	30203536	2020202E	39322020	312E3630	2020202E	39372020	20202020	20202033
(40)	34352032	30203531	20203120	20202E39	32202031	2E333820	20202E39	37202020	20202020	20202020

FILE 2 RECORD 1270 LENGTH 80BYTES

(0)	33343620	20372035	30202033	2020202E	39322020	312E3234	2020202E	39372020	20202020	20202033
(40)	34362020	37203530	20313320	20202E39	32202031	2E363020	20202E39	37202020	20202020	20202020

FILE 2 RECORD 1271 LENGTH 80BYTES

(0)	33343620	20372035	30203138	2020202E	39322020	202E3936	2020202E	39372020	20202020	20202033
(40)	34362020	37203530	20323820	20202E39	32202031	2E333820	20202E39	37202020	20202020	20202020

FILE	INPUT RECS.	DATA RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY PERM	ZERO B	SHORT	UNDEF.	INPUT RETRIES #RECS.	TOTAL#
2	1271	1273	80	0	0	0	0	0	0

EOJ DUMP STOPPED AFTER FILE 2 # OF PERMANENT READ ERRORS 0

START TIME 1/27/81 12:43:15 STOP TIME 1/27/81 12:44:18