Data Set Catalog # 128

Alouette - I
Extended World Maps

62-049A-00E 66 tapes

66 55

62-049A-00E

ALOUETTE I EXTENDED WORLD MAPS

This data set consists of ~~43~~ 45, 556 BPI, BINARY, 7-track tapes made on the IBM/7094. Each tape has one file of data on it. The end of the file can be recognized by the multiple use of the number 200777777776. The tapes in this data set were made from the originals because the originals did not have EOF's on them. The originals were returned to the experimenter.

D#	Start	Stop
D-06261	5/4/69	5/12/69
D-06262	5/13/69	5/20/69
D-06263	6/3/69	6/12/69
D-06264	6/13/69	6/21/69
D-06265	10/12/69	10/26/69
D-06266	10/26/69	11/9/69
D-06267	11/9/69	11/23/69
D-06268	11/23/69	12/7/69
D-06269	12/7/69	12/21/69
D-06270	12/21/69	12/31/69
D-06271	1/1/70	1/4/70
D-06272	1/4/70	1/18/70
D-06273	1/18/70	2/1/70
D-06274	2/1/70	2/15/70
D-06275	2/15/70	3/1/70
D-06276	3/1/70	3/15/70
D-06277	3/15/70	3/29/70
D-06278	3/29/70	4/12/70
D-06279	4/12/70	4/26/70
D-06280	4/26/70	5/10/70
D-06281	5/10/70	5/24/70
D-06282	5/24/70	6/7/70
D-06283	6/7/70	6/21/70
D-06284	6/21/70	7/6/70
D-06285	7/5/70	7/19/70
D-06286	7/19/70	8/2/70
D-06287	8/2/70	8/16/70
D-06288	8/16/70	8/30/70
D-06289	8/30/70	9/13/70
D-06290	9/13/70	9/27/70
D-06291	9/27/70	10/11/70
D-06292	10/11/70	10/25/70
D-06293	10/25/70	11/8/70
D-06294	11/8/70	11/22/70
D-06295	11/22/70	12/6/70
D-06296	12/6/70	12/20/70
D-06297	12/20/70	12/31/70
D-06298	1/3/71	1/17/71
D-06299	1/17/71	1/31/71

D-06300	1/31/71	2/14/71
D-06301	2/14/71	2/28/71
D-06302	2/28/71	3/14/71
D-06303	3/14/71	3/28/71
D-06361	4/25/71	5/9/71
D-06362	5/23/71	6/6/71
D-05889	6/06/71	6/20/71
D-06168	7/18/71	8/1/71
D-06823	6/20/71	7/4/71
D-01001	08/01/71	08/15/71
D-7033	8/15/71	8/29/71
D-7034	8/29/71	9/12/71
D-7035	9/12/71	9/26/71

Note: D-06299 does not have the identification record in words one or two. Instead it has the date of the start of the tape in those positions. Therefore, we could only determine that the tape was an Alouette I tape by the fact that the label on the 'T' tape proclaimed it as such.

D-7050	9/26/71	10/10/71
D-7051	7/04/71	7/18/71
D-7057	10/10/71	10/24/71
D 07110	11/7/71	11/21/71
D-08061	12-3-67	12-17-67
D-08062	3-28-71	4-11-71
D-08063	4-11-71	4-25-71
D-08064	5-9-71	5-23-71
D-08086	11-21-71	12-5-71
D-08087	12-5-71	12-19-71
D-08088	12-19-71	1-2-72
D-08089	1-16-72	1-30-72
D-08090	1-2-72	1-16-72
D-08142	1/20/72	2/28/72
D-08143	2/28/72	2/28/72

62-049A-00E

ALOUETTE I EXTENDED WORLD MAPS

This data set consists of 66, 556 BPI, Binary, 7-track tapes made on the IBM-7094. Each tape has one file of data on it. The end-of-file can be recognized by the multiple use of the number 200777777776. The tapes in this data set were made from the originals because the originals did not have EOF's on them. The originals were returned to the experimenter.

D#	START	STOP
D-06261	5/04/69	5/12/69
D-06262	5/13/69	5/20/69
D-06263	6/03/69	6/12/69
D-06264	6/13/69	6/21/69
D-06265	10/12/69	12/26/69
D-06266	10/26/69	11/09/69
D-06267	11/09/69	11/23/69
D-06268	11/23/69	12/07/69
D-06269	12/07/69	12/21/69
D-06270	12/21/69	12/31/69
D-06271	1/01/70	1/04/70
D-06272	1/04/70	1/18/70
D-06273	1/18/70	2/01/70
D-06274	2/01/70	2/15/70
D-06275	2/15/70	3/01/70
D-06276	3/01/70	3/15/70
D-06277	3/15/70	3/29/70
D-06278	3/29/70	4/12/70
D-06279	4/12/70	4/26/70
D-06280	4/26/70	5/10/70
D-06281	5/10/70	5/24/70
D-06282	5/24/70	6/07/70
D-06283	6/07/70	6/21/70
D-06284	6/21/70	7/06/70
D-06285	7/05/70	7/19/70
D-06286	7/19/70	8/02/70
D-06287	8/02/70	8/16/70
D-06288	8/16/70	8/30/70
D-06289	8/30/70	9/13/70
D-06290	9/13/70	9/27/70
D-06291	9/27/70	10/11/70
D-06292	10/11/70	10/25/70
D-06293	10/25/70	11/08/70
D-06294	11/08/70	11/22/70
D-06295	11/11/70	12/06/70
D-06296	12/06/70	12/20/70
D-06297	12/20/70	12/31/70
D-06298	1/03/71	1/17/71
D-06299	1/17/71	1/31/71
D-06300	1/31/71	2/14/71
D-06301	2/14/71	2/28/71
D-06302	2/28/71	3/14/71
D-06303	3/14/71	3/28/71
D-06361	4/25/71	5/09/71

ID#	START	STOP
D-06362	5/23/71	6/06/71
D-05889	6/06/71	6/20/71
D-06158	7/18/71	8/01/71
D-06823	6/20/71	7/04/71
D-01001	8/01/71	8/15/71
D-07033	8/15/71	8/29/71
D-07034	8/29/71	9/12/71
D-07035	9/12/71	9/26/71
D-07050	9/26/71	10/10/71
D-07051	7/04/71	7/18/71
D-07057	10/10/71	10/24/71
D-07110	11/07/71	11/21/71
D-08061	12/03/67	12/14/67
D-08062	3/28/71	4/11/71
D-08063	4/11/71	4/25/71
D-08064	5/09/71	5/23/71
D-08086	11/21/71	12/05/71
D-08087	12/05/71	12/19/71
D-08088	12/19/71	1/02/72
D-08089	1/16/72	1/30/72
D-08090	1/02/72	1/16/72
D-08142	1/30/72	2/13/72
D-08143	2/13/72	2/28/72

Note: D-06299 does not have the identification record in words one or two. Instead it has the date of the start of the tape in those positions. Therefore, we could only determine that the tape was an Alouette I tape by the fact that the label on the 'T' tape proclaimed it as such.

A-03022

APPENDIX 6

ISIS-UN1107 AND IB7094 FILE FORMATS
UNIVAC 1107 and IBM 7094 Tapes

Each record is an output of 28 words using normal FORTRAN IV output instructions. (The UNIVAC 1107 data records are each 31 words in length.) The Word Position column refers to word position within the 28-word block. For definition of items in the Data Contents column, refer to Appendix 7.

Logical Record Format

Diskette and ISIS Equivalent Tape Format

Word Position	Data Contents	Word Position	Data Contents
1	First word of IDENT	15	GEN ONG
2	Second word of IDENT	16	DIP
3	Date	17	GYROF
4	Orbit	18	B
5	Julian Date	19	MAGLAT
6	Day of Year	20	L
7	GMTIME	21	B.RA
8	Code for LMSTIME	22	B.DEC
9	LMSTIME	23	INLAT
10	GEDLAT	24	INRAD
11	GEDLONG	25	STA (numerical equiv.)
12	HGT	26	ION (numerical equiv.)
13	CLESRA	27	DIS
14	GEDLAT	28	Type of data item indicator*

*Type of data item indicator:
if equal to 1, regular satellite data item;
if equal to 2, ascending node crossing data item;
if equal to 3, north point data item;
if equal to 4, descending node data item;
if equal to 5, south point data item;
if equal to 6, sunlight entrance data item;
if equal to 7, sunlight exit data item.

The following page contains sample output, printed on the 1107, from the UN1107 output file generated by the program. Sample output from the IB7094 output file is not contained herein.