

Data Set Catalog # 128

Alouette - I
Extended World Maps

62-049A-00E

66 tapes

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1. INTRODUCTION:

The documentation for this data set was originally on paper, kept in NSSDC's Data Set Catalogs (DSCs). The paper documentation in the Data Set Catalogs have been made into digital images, and then collected into a single PDF file for each Data Set Catalog. The inventory information in these DSCs is current as of July 1, 2004. This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system. The information existing in the DSCs is now not needed for locating the data files, but we did not remove that inventory information.

The offline tape datasets have now been migrated from the original magnetic tape to Archival Information Packages (AIP's).

A prior restoration may have been done on data sets, if a requestor of this data set has questions; they should send an inquiry to the request office to see if additional information exists.

2. ERRATA/CHANGE LOG:

NOTE: Changes are made in a text box, and will show up that way when displayed on screen with a PDF reader.

When printing, special settings may be required to make the text box appear on the printed output.

| Version | Date | Person | Page | Description of Change |
|---------|------|--------|------|-----------------------|
| 01 | | | | |
| 02 | | | | |

3 LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC INFORMATION SYSTEM:

<http://nssdc.gsfc.nasa.gov/nmc/>

[NOTE: This link will take you to the main page of the NSSDC Master Catalog. There you will be able to perform searches to find additional information]

4. CATALOG MATERIALS:

- a. Associated Documents To find associated documents you will need to know the document ID number and then click here.
<http://nssdcftp.gsfc.nasa.gov/miscellaneous/documents/>

- b. Core Catalog Materials

ALOUETTE 1
 EXTENDED WORLD MAPS, TAPE
 62-049A-00E

This data set has been restored. There were originally 67 7-track, 556 BPI tapes written in Binary. There are six restored tapes. The DR tapes are 3480 cartridges and the DS tapes are 9-track, 6250 BPI. The original tapes were created on a 7094 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

| DR# | DS# | D# | FILES | TIME SPAN |
|----------|----------|---------|-------|-------------------------|
| DR003971 | DS003971 | D008061 | 1 | 12/03/67 - 12/14/67 |
| | | D006261 | 2 | 05/04/69 - 05/12/69 |
| | | D006262 | 3 | 05/13/69 - 05/20/69 |
| | | D006263 | 4 | 06/03/69 - 06/12/69 |
| | | D006264 | 5 | 06/13/69 - 06/21/69 |
| | | D006265 | 6 | 10/12/69 - 10/26/69 |
| | | D006266 | 7 | 10/26/69 - 11/09/69 |
| | | D006267 | 8 | 11/09/69 - 11/23/69 |
| DR003972 | DS003972 | D006268 | 1 | 11/23/69 - 12/07/69 |
| | | D006269 | 2 | 12/07/69 - 12/21/69 (a) |
| | | D006270 | 3 | 12/21/69 - 12/31/69 |
| | | D006271 | 4 | 01/01/70 - 01/04/70 |
| | | D006272 | 5 | 01/04/70 - 01/18/70 |
| | | D006273 | 6 | 01/18/70 - 02/01/70 |
| | | D006274 | 7 | 02/01/70 - 02/15/70 |
| DR003973 | DS003973 | D006275 | 1 | 02/15/70 - 03/01/70 |
| | | D006276 | 2 | 03/01/70 - 03/15/70 |
| | | D006277 | 3 | 03/15/70 - 03/29/70 |
| | | D006278 | 4 | 03/29/70 - 04/12/70 |
| | | D006279 | 5 | 04/12/70 - 04/26/70 |
| | | D006280 | 6 | 04/26/70 - 05/10/70 |
| | | D006281 | 7 | 05/10/70 - 05/24/70 |
| | | D006282 | 8 | 05/24/70 - 06/07/70 |
| | | D006283 | 9 | 06/07/70 - 06/21/70 |
| | | D006284 | 10 | 06/21/70 - 07/06/70 |
| | | D006285 | 11 | 07/05/70 - 07/19/70 |

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| DR# | DS# | D # | FILES | TIME SPAN |
|----------|----------|---------|-------|-------------------------|
| DR003974 | DS003974 | D006286 | 1 | 07/19/70 - 08/02/70 |
| | | D006287 | 2 | 08/02/70 - 08/16/70 |
| | | D006288 | 3 | 08/16/70 - 08/30/70 |
| | | D006289 | 4 | 08/30/70 - 09/13/70 |
| | | D006290 | 5 | 09/13/70 - 09/27/70 |
| | | D006291 | 6 | 09/27/70 - 10/11/70 |
| | | D006292 | 7 | 10/11/70 - 10/25/70 |
| | | D006293 | 8 | 10/25/70 - 11/08/70 |
| | | D006294 | 9 | 11/08/70 - 11/22/70 |
| | | D006295 | 10 | 11/22/70 - 12/06/70 |
| | | D006296 | 11 | 12/06/70 - 12/20/70 |
| | | D006297 | 12 | 12/20/70 - 12/31/70 |
| | | D006298 | 13 | 01/03/71 - 01/17/71 |
| | | D006299 | 14 | 01/17/71 - 01/31/71 |
| DR003975 | DS003975 | D006300 | 1 | 01/31/71 - 02/14/71 |
| | | D006301 | 2 | 02/14/71 - 02/28/71 |
| | | D006302 | 3 | 02/28/71 - 03/14/71 |
| | | D006303 | 4 | 03/14/71 - 03/28/71 |
| | | D008062 | 5 | 03/28/71 - 04/11/71 |
| | | D008063 | 6 | 04/11/71 - 04/25/71 |
| | | D006361 | 7 | 04/25/71 - 05/09/71 |
| | | D008064 | 8 | 05/09/71 - 05/23/71 |
| | | D006362 | 9 | 05/23/71 - 06/06/71 |
| | | D005889 | 10 | 06/06/71 - 06/20/71 |
| | | D006823 | 11 | 06/20/71 - 07/04/71 |
| | | D007051 | 12 | 07/04/71 - 07/18/71 |
| | | D006158 | 13 | 07/18/71 - 08/01/71 |
| | | D001001 | 14 | 08/01/71 - 08/15/71 |
| DR003976 | DS003976 | D007033 | 1 | 08/15/71 - 08/29/71 |
| | | D007034 | 2 | 08/29/71 - 09/12/71 |
| | | D007035 | 3 | 09/12/71 - 09/26/71 |
| | | D007050 | 4 | 09/26/71 - 10/10/71 |
| | | D007057 | 5 | 10/10/71 - 10/24/71 (b) |
| | | D007110 | 6 | 11/07/71 - 11/21/71 |
| | | D008086 | 7 | 11/21/71 - 12/05/71 |
| | | D008087 | 8 | 12/05/71 - 12/19/71 |
| | | D008088 | 9 | 12/19/71 - 01/02/72 |
| | | D008090 | 10 | 01/02/72 - 01/16/72 |
| | | D008089 | 11 | 01/16/72 - 01/30/72 (c) |
| | | D008142 | 12 | 01/30/72 - 02/13/72 |
| | | D008143 | 13 | 02/13/72 - 02/28/72 (d) |

(a) D006269 : Read error occurred in record 4750.

(b) D007057 : Read error occurred in record 1380.

(c) D008089 : Read errors occurred in records 645, 931, 935, 993, 1005, 1065, 1103, 1189, & 1201.

(d) D008143 : Read errors occurred in records 1468, & 1469.

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ALOUETTE I EXTENDED WORLD MAPS

This data set consists of 43, 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 | 7/6/70 | 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-06341 | 4/25/71 | 5/9/71 |
| D-06342 | 5/23/71 | 6/6/71 |
| D-05889 | 6/06/71 | 6/20/71 |
| D-06152 | 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 boxes 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 | 12-3-71 | 12-14-71 |
| 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 | 2/22/72 | 2/25/72 |

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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.

| <u>D#</u> | <u>START</u> | <u>STOP</u> |
|-----------|--------------|-------------|
| 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 | 7/06/70 | 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 |

| <u>ID</u> | <u>START</u> | <u>STOP</u> |
|-----------|--------------|-------------|
| 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 | 2/26/72 |

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

| Word Position | Data Contents | Word Position | Data Contents |
|---------------|----------------------|---------------|------------------------------|
| 1 | First word of IDENT | 15 | GENW ONG |
| 2 | Second word of IDENT | 16 | DIP |
| 3 | Date | 17 | CYROF |
| 4 | Orbit | 18 | B |
| 5 | Julian Date | 19 | MAGLAT |
| 6 | Day of Year | 20 | L |
| 7 | GNTIME | 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 | GENLAT | 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.