

CWN  
4/97

805

APOLLO

ALSEP/SIDE NPACK

APOLLO 12	69-099C-05G	SPMS-00092
APOLLO 14	71-008C-06G	SPMS-00599
APOLLO 15	71-063C-05G	SPMS-00564

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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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

Apollo 12

ALSEP/SIDE NPAK

69-099C-05G SPMS-00092

This data set consists of three tapes. The D tapes are 9-track, 6250 BPI and the C tapes are 3480 cartridges, all written in Binary. These tapes were created on an IBM 3081. Originally there were 25 7-track, 200 BPI tapes. These tapes were never ingested and were not assigned a media number. In order to find the time spans, a program called ALSEP of Kent Hill's was used. The D and C numbers, along with the number of files and time spans are as follows:

D#	C#	FILES	TIME SPAN
D108716	C032811	1	03/03/73 - 03/04/73
		2	03/04/73 - 03/05/73
		3	03/06/73 - 03/06/73
		4	03/07/73 - 03/07/73
		5	03/08/73 - 03/08/73
		6	03/08/73 - 03/09/73
		7	03/09/73 - 03/09/73
		8	03/09/73 - 03/10/73
		9	03/10/73 - 03/11/73
D108717	C032812	1	03/11/73 - 03/11/73
		2	03/11/73 - 03/12/73
		3	03/12/73 - 03/12/73
		4	08/27/73 - 08/28/73
		5	08/24/73 - 08/24/73
		6	08/22/73 - 08/23/73
D108718	C032813	1	05/11/73 - 05/11/73
		2	03/15/73 - 03/18/73
		3	03/14/73 - 03/14/73
		4	03/13/73 - 03/14/73
		5	03/12/73 - 03/13/73
		6	03/14/73 - 03/14/73

Apollo 14

ALSEP/SIDE NPAK

71-008C-06G SPMS-00599

This data set consist of 6 tapes. The D tapes are 9-track, 6250 BPI and the C tapes are 3480 cartridges, all written in Binary. These tapes were created on an IBM 3081 computer. Originally there were 39 7-track, 200 BPI tapes. These tapes were never ingested and were not assigned a media number. In order to find the time spans, a program called ALSEP of Kent Hill's was used. The D and C numbers, along with the number of files and time spans are as follows:

D#	C#	FILES	TIME SPAN
D108710	C032805	1	04/02/73 - 04/02/73
		2	05/28/73 - 05/30/73
		3	08/06/73 - 08/08/73
		4	12/16/73 - 12/19/73
		5	12/19/73 - 12/22/73
D108711	C032806	1	12/22/73 - 12/22/73
		2	12/22/73 - 12/25/73
		3	12/25/73 - 12/25/73
		4	12/25/73 - 12/28/73
		5	12/28/73 - 12/28/73
		6	12/28/73 - 12/31/73
D108712	C032807	1	12/31/73 - 12/31/73
		2	12/31/73 - 12/31/73
		3	01/01/74 - 01/03/74
		4	01/03/74 - 01/03/74
		5	01/03/74 - 01/06/74
		6	01/15/74 - 01/18/74
D108713	C032808	1	01/18/74 - 01/21/74
		2	01/21/74 - 01/21/74
		3	01/21/74 - 01/24/74
		4	01/24/74 - 01/24/74
		5	02/23/74 - 02/26/74
		6	02/26/74 - 02/26/74

D#	C#	FILES	TIME SPAN
D108714	C032809	1	03/16/74 - 03/19/74
		2	02/26/74 - 03/01/74
		3	03/19/74 - 03/19/74
		4	03/19/74 - 03/22/74
		5	03/22/74 - 03/22/74
		6	03/22/74 - 03/25/74
D108715	C032810	1	03/25/74 - 03/25/74
		2	03/28/74 - 03/28/74
		3	06/03/74 - 06/05/74

Apollo 15

ALSEP/SIDE NPAK

71-063C-05G SPMS-00564

This data set consists of 23 tapes. The D tapes are 9-track, 6250 BPI and the C tapes are 3480 cartridges, all written in binary. These tapes were created on an IBM 3081. Originally there were 264 7-track, 200 BPI tapes, but only 181 tapes were able to be copied. These original 181 tapes were never ingested into the archives and were not assigned a media number. In order to find the time spans, a program called ALSEP of Kent Hills was used. The D and C numbers for the newly created 23 tapes, along with the number of files and time spans are as follows:

D#	C#	FILES	TIME SPAN
D108722	C032817	1	01/21/73 - 01/22/73
		2	01/22/73 - 01/23/73
		3	01/23/73 - 01/23/73
		4	05/19/73 - 05/20/73
		5	05/21/73 - 05/21/73
		6	05/22/73 - 05/23/73
		7	05/30/73 - 05/30/73
		8	09/24/73 - 09/27/73
D108723	C032818	1	09/27/73 - 09/27/73
		2	09/27/73 - 09/30/73
		3	09/30/73 - 09/30/73
		4	09/30/73 - 10/03/73
		5	10/03/73 - 10/03/73
		6	10/09/73 - 10/12/73
		7	10/15/73 - 10/15/73
		8	10/17/73 - 10/18/73
		9	10/21/73 - 10/21/73
		10	10/24/73 - 10/24/73
		11	10/27/73 - 10/27/73
		12	10/27/73 - 10/27/73
		13	11/02/73 - 11/02/73
		14	11/05/73 - 11/05/73
		15	11/05/73 - 11/06/73
		16	11/06/73 - 11/08/73
		17	11/11/73 - 11/13/73
		18	11/13/73 - 11/14/73

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71-063C-05G

D#	C#	FILES	TIME SPAN
D108724	C032819	1	11/14/73 - 11/14/73
		2	11/14/73 - 11/14/73
		3	11/17/73 - 11/20/73
		4	11/20/73 - 11/20/73
		5	11/20/73 - 11/23/73
		6	11/26/73 - 11/29/73
		7	11/29/73 - 11/29/73
		8	11/29/73 - 11/29/73
D108725	C032820	1	11/29/73 - 11/29/73
		2	12/02/73 - 12/02/73
		3	12/04/73 - 12/05/73
		4	12/06/73 - 12/08/73
		5	12/05/73 - 12/06/73
		6	12/05/73 - 12/05/73
		7	12/08/73 - 12/11/73
		8	12/11/73 - 12/11/73
D108726	C032821	1	12/15/73 - 12/17/73
		2	12/14/73 - 12/15/73
		3	12/17/73 - 12/20/73
		4	12/23/73 - 12/26/73
		5	12/26/73 - 12/26/73
		6	12/26/73 - 12/26/73
		7	12/29/73 - 12/29/73
		8	12/29/73 - 12/29/73
		9	12/29/73 - 12/31/73
D108727	C032822	1	01/01/74 - 01/01/74
		2	01/01/74 - 01/03/74
		3	01/03/74 - 01/04/74
		4	01/04/74 - 01/04/74
		5	01/07/74 - 01/10/74
		6	01/10/74 - 01/12/74
		7	01/12/74 - 01/13/74
		8	01/13/74 - 01/14/74
D108728	C032823	1	01/13/74 - 01/14/74
		2	01/14/74 - 01/16/74
		3	01/16/74 - 01/16/74
		4	01/16/74 - 01/19/74
		5	01/19/74 - 01/19/74
		6	01/19/74 - 01/22/74
		7	01/22/74 - 01/22/74
		8	01/22/74 - 01/25/74
		9	01/25/74 - 01/25/74

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D#	C#	FILES	TIME SPAN
D108729	C032824	1	01/25/74 - 01/28/74
		2	01/28/74 - 01/28/74
		3	01/28/74 - 01/31/74
		4	01/31/74 - 01/31/74
		5	01/31/74 - 02/02/74
		6	02/02/74 - 02/03/74
		7	01/28/74 - 01/31/74
		8	02/03/74 - 02/03/74
D108730	C032825	1	02/15/74 - 02/18/74
		2	02/18/74 - 02/18/74
		3	02/18/74 - 02/21/74
		4	02/21/74 - 02/21/74
		5	02/21/74 - 02/24/74
		6	02/24/74 - 02/24/74
		7	02/24/74 - 02/24/74
		8	02/27/74 - 02/27/74
D108731	C032826	1	02/27/74 - 03/02/74
		2	03/02/74 - 03/02/74
		3	03/02/74 - 03/03/74
		4	03/03/74 - 03/03/74
		5	03/03/74 - 03/05/74
		6	03/05/74 - 03/05/74
		7	03/05/74 - 03/08/74
		8	03/08/74 - 03/11/74
D108732	C032827	1	03/11/74 - 03/12/74
		2	03/12/74 - 03/13/74
		3	03/14/74 - 03/14/74
		4	03/16/74 - 03/17/74
		5	03/17/74 - 03/20/74
		6	03/20/74 - 03/20/74
		7	03/20/74 - 03/20/74
		8	03/23/74 - 03/23/74
D108733	C032828	1	03/23/74 - 03/26/74
		2	03/26/74 - 03/29/74
		3	03/29/74 - 03/29/74
		4	04/02/74 - 04/03/74
		5	04/03/74 - 04/03/74
		6	04/04/74 - 04/06/74
D108734	C032829	1	04/07/74 - 04/09/74
		2	04/10/74 - 04/10/74
		3	04/10/74 - 04/11/74
		4	04/11/74 - 04/12/74
		5	04/12/74 - 04/12/74
		6	04/16/74 - 04/18/74
		7	04/18/74 - 04/18/74

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D#	C#	FILES	TIME SPAN
D108735	C032830	1	04/21/74 - 05/21/74
		2	04/22/74 - 04/24/74
		3	04/24/74 - 04/24/74
		4	04/25/74 - 04/27/74
		5	04/28/74 - 04/30/74
		6	04/30/74 - 04/30/74
		7	05/01/74 - 05/02/74
		8	05/02/74 - 05/03/74
		9	05/03/74 - 05/03/74
D108736	C032831	1	05/22/74 - 05/24/74
		2	05/25/74 - 05/27/74
		3	05/27/74 - 05/27/74
		4	05/30/74 - 05/30/74
		5	05/31/74 - 05/31/74
		6	06/01/74 - 06/01/74
		7	06/01/74 - 06/02/74
		8	06/02/74 - 06/02/74
		9	06/08/74 - 06/08/74
D108737	C032832	1	06/09/74 - 06/10/74
		2	06/10/74 - 06/11/74
D108738	C032833	1	06/14/74 - 06/14/74
		2	06/18/74 - 06/20/74
		3	06/21/74 - 06/23/74
		4	06/24/74 - 06/26/74
		5	06/27/74 - 06/29/74
		6	07/06/74 - 07/07/74
D108739	C032834	1	07/07/74 - 07/08/74
		2	07/11/74 - 07/11/74
		3	07/12/74 - 07/14/74
		4	07/15/74 - 07/17/74
		5	07/18/74 - 07/20/74
		6	07/24/74 - 07/26/74
		7	07/29/74 - 07/29/74
		8	07/29/74 - 07/29/74
D108740	C032835	1	07/29/74 - 07/29/74
		2	07/30/74 - 07/31/74
		3	07/31/74 - 07/31/74
		4	08/02/74 - 08/04/74
		5	08/05/74 - 08/06/74
		6	08/06/74 - 08/07/74
		7	08/08/74 - 08/10/74
D108741	C032836	1	08/10/74 - 08/10/74
		2	08/11/74 - 08/13/74
		3	08/14/74 - 08/16/74
		4	08/17/74 - 08/19/74
		5	08/20/74 - 08/22/74
		6	08/31/74 - 08/31/74
		7	09/04/74 - 09/05/74
		8	09/05/74 - 09/06/74

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D#	C#	FILES	TIME SPAN
D108742	C032837	1	08/23/74 - 08/25/74
		2	08/29/74 - 08/31/74
		3	09/04/74 - 09/05/74
		4	09/05/74 - 09/06/74
		5	09/06/74 - 09/06/74
		6	09/06/74 - 09/06/74
		7	09/06/74 - 09/06/74
		8	09/07/74 - 09/09/74
		9	09/13/74 - 09/13/74
D108743	C032838	1	09/06/74 - 09/06/74
		2	09/07/74 - 09/09/74
		3	09/13/74 - 09/15/74
		4	09/15/74 - 09/15/74
D108744	C032839	1	05/04/74 - 05/06/74
		2	05/07/74 - 05/09/74
		3	05/09/74 - 05/09/74
		4	05/10/74 - 05/11/74
		5	05/11/74 - 05/12/74
		6	05/13/74 - 05/14/74
		7	05/18/74 - 05/18/74
		8	05/19/74 - 05/21/74
		9	05/21/74 - 05/21/74

Sample of output from Kent Hills Program ①

Program SIDE\_SUMM. Run date: 15-MAY-96

Input file: mka300

Input tape file number: 1

Record 1 size = 48 bytes.  
This is an NPAK header; each 6 bits padded to 8.

SIDE ALSEPCA/S5101974 V07453051574 1

Record 2 size = 432 bytes.  
This is NPAK format, with 6 bits padded to 8.

432 0  
NPAK Format

Start Day, Hour, Minute, Millisecond: 58 18 52 931  
Eof while skipping.  
Approximate Stop Time: 61 7 34 12514  
3 input records processed (including headers).  
8238 input records skipped.  
0 records out.  
End of File on Read.

Input tape file number: 2

Record 1 size = 48 bytes.  
This is an NPAK header; each 6 bits padded to 8.

SIDE ALSEPCA/S5101974 V07453051574 2

Record 2 size = 432 bytes.  
This is NPAK format, with 6 bits padded to 8.

432 0  
NPAK Format

Start Day, Hour, Minute, Millisecond: 61 7 34 13721  
Eof while skipping.  
Approximate Stop Time: 61 18 51 40153  
3 input records processed (including headers).  
2799 input records skipped.  
0 records out.  
End of File on Read.

Input tape file number: 3

Record 1 size = 48 bytes.  
This is an NPAK header; each 6 bits padded to 8.

SIDE ALSEPCA/S5101974 V14680051574 1

Record 2 size = 432 bytes.  
This is NPAK format, with 6 bits padded to 8.

432 0

NPAK Format

Start Day, Hour, Minute, Millisecond: 61 18 52 681  
 Eof while skipping.  
 Approximate Stop Time: 62 22 55 15667  
 3 input records processed (including headers).  
 8238 input records skipped.  
 0 records out.  
 End of File on Read.

Input tape file number: 4

Record 1 size = 48 bytes.  
 This is an NPAK header; each 6 bits padded to 8.

SIDE ALSEPCA/S5101974 V14680051574 2

Record 2 size = 432 bytes.  
 This is NPAK format, with 6 bits padded to 8.

432 0

NPAK Format

Start Day, Hour, Minute, Millisecond: 62 22 55 16874  
 Eof while skipping.  
 Approximate Stop Time: 63 18 14 9538  
 3 input records processed (including headers).  
 8238 input records skipped.  
 0 records out.  
 End of File on Read.

Input tape file number: 5

Record 1 size = 48 bytes.  
 This is an NPAK header; each 6 bits padded to 8.

SIDE ALSEPCA/S5101974 V14680051574 3

Record 2 size = 432 bytes.  
 This is NPAK format, with 6 bits padded to 8.

432 0

NPAK Format

Start Day, Hour, Minute, Millisecond: 63 18 14 10745  
 Eof while skipping.  
 Approximate Stop Time: 64 11 18 24110  
 3 input records processed (including headers).  
 8238 input records skipped.  
 0 records out.  
 End of File on Read.

Input tape file number: 6

Record 1 size = 48 bytes.  
 This is an NPAK header; each 6 bits padded to 8.

SIDE ALSEPCA/S5101974 V14680051574 4

Record 2 size = 432 bytes.  
This is NPAK format, with 6 bits padded to 8.

432 0  
NPAK Format

Start Day, Hour, Minute, Millisecond: 64 11 18 25318  
Too Big: 16776976  
Eof while skipping.  
Too Big: 16776705  
Too Big: 16776705  
Too Big: 16776968  
Approximate Stop Time: 64 18 45 59608  
3 input records processed (including headers).  
2966 input records skipped.  
0 records out.  
End of File on Read.

Input tape file number: 7

Record 1 size = 48 bytes.  
This is an NPAK header; each 6 bits padded to 8.

SIDE ALSEPCA/S5101974 V10655051574 1

Record 2 size = 432 bytes.  
This is NPAK format, with 6 bits padded to 8.

432 0  
NPAK Format

Start Day, Hour, Minute, Millisecond: 64 18 52 643  
Too Big: 16776705  
Too Big: 16777153  
Too Big: 16776194  
Eof while skipping.  
Too Big: 16776998  
Too Big: 16777017  
Approximate Stop Time: 67 15 11 12956  
3 input records processed (including headers).  
2385 input records skipped.  
0 records out.  
End of File on Read.

Input tape file number: 8

Record 1 size = 48 bytes.  
This is an NPAK header; each 6 bits padded to 8.

SIDE ALSEPCA/S5101974 V09789051774 1

Record 2 size = 432 bytes.  
This is NPAK format, with 6 bits padded to 8.

4

432

0

NPAK Format

Start Day, Hour, Minute, Millisecond: 67 18 52 203

Too Big: 16777214

Eof while skipping.

Approximate Stop Time: 70 18 51 58677

3 input records processed (including headers).

3100 input records skipped.

0 records out.

End of File on Read.

Input tape file number: 9

0 input records processed (including headers).

0 input records skipped.

0 records out.

End of File on Read.