#286

APOLLO 15

B MAGNETUDE COMPONETS

71-063C-03B

Table of Contents

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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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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 15 LM/ALSEP

B MAGNTDE, COMPNTS, MAG TAPE

71-063C-03B PSFP-00162

This data set has been restored. There were originally 138 7-track, 556 BPI tapes written in Binary. There are eleven restored tapes. The DR tapes are 3480 cartridges and the DS tapes are 9-track, 6250 BPI. The original tapes were created on an IBM 7094 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIMS SPAN	
DR005418	DS005418	D015780	1	07/31/71 - 08/03/71	
		D015781	2	08/03/71 - 08/06/71	
		D015782	3	08/06/71 - 08/09/71	
		D015783	4	08/09/71 - 08/12/71	
		D015784	5	08/12/71 - 08/15/71	
		D015785	6	08/15/71 - 08/18/71	
		D015786	7	08/18/71 - 08/21/71	
		D015787	8	08/21/71 - 08/24/71	
		D015788	9	08/24/71 - 08/27/71	(a)
		D015789	10	08/27/71 - 08/30/71	(b)
		D015790	11	08/30/71 - 09/02/71	
		D015791	12	09/02/71 - 09/05/71	
		D015792	13	09/05/71 - 09/08/71	
DR005419	DS005419	D015793	1	09/08/71 - 09/11/71	
		D015794	2	09/11/71 - 09/14/71	
		D015795	3	09/14/71 - 09/17/71	(c)
		D015796	4	09/17/71 - 09/20/71	
		D015797	5	09/20/71 - 09/23/71	
		D015798	6	09/23/71 - 09/26/71	
		D015799	7	09/26/71 - 09/29/71	
		D015800	8	09/29/71 - 10/02/71	
		D015801	9	10/02/71 - 10/05/71	
		D015802	10	10/05/71 - 10/08/71	
		D015803	11	10/08/71 - 10/11/71	
		D015804	12	10/11/71 - 10/14/71	
		D015805	13	10/14/71 - 10/17/71	

DR#	DS#	D#	FILES	TIMS SPAN	
DR005420	DS005420	D015806	1	10/17/71 - 10/20/71	
		D015807	2	10/20/71 - 10/23/71	
		D015808	3	10/23/71 - 10/26/71	
		D015809	4	10/26/71 - 10/29/71	
		D015810	5	10/29/71 - 11/01/71	
		D015811	6	11/01/71 - 11/02/71	
		D015812	7	11/05/71 - 11/07/71	(d)
		D015813	8	11/07/71 - 11/10/71	
		D015814	9	11/10/71 - 11/13/71	
		D015815	10	11/13/71 - 11/16/71	(e)
		D015816	11	11/16/71 - 11/19/71	
		D015817	12	11/19/71 - 11/22/71	
		D015818	13	11/22/71 - 11/25/71	(f)
DR005421	DS005421	D015819	1	11/25/71 - 11/28/71	
		D015820	2	11/28/71 - 12/01/71	
		D015821	3	12/05/71 - 12/07/71	
		D015822	4	12/07/71 - 12/10/71	
		D015823	5	12/10/71 - 12/13/71	(g)
		D015824	6	12/13/71 - 12/16/71	
		D015825	7	12/16/71 - 12/19/71	
		D015826	8	12/19/71 - 12/22/71	
		D015827	9	12/22/71 - 12/25/71	
		D015828	10	12/25/71 - 12/28/71	(h)
		D015829	11	12/28/71 - 12/31/71	(i)
		D015831	12	01/02/72 - 01/03/72	
		D015830	13	01/03/72 - 01/03/72	
DR005422	DS005422	D015832	1	01/06/72 - 01/09/72	
		D015833	2	01/09/72 - 01/12/72	
		D015834	3	01/12/72 - 01/15/72	
		D015835	4	01/15/72 - 01/18/72	
		D015836	5	01/18/72 - 01/21/72	
		D015837	6	01/21/72 - 01/24/72	
		D015838	7	01/24/72 - 01/27/72	
		D015839	8	01/27/72 - 01/30/72	
		D015840	9	01/30/72 - 02/02/72	
		D015841	10	02/02/72 - 02/05/72	
		D015842	11	02/05/72 - 02/08/72	
		D015843	12	02/08/72 - 02/11/72	
		D015844	13	02/11/72 - 02/14/72	

DR#	DS#	D#	FILES	TIMS SPAN	
DR005423	DS005423	D015845	1	02/14/72 - 02/17/72	
		D015846	2	02/17/72 - 02/20/72	
		D015847	3	02/20/72 - 02/23/72	
		D015848	4	02/23/72 - 02/26/72	
		D015849	5	02/26/72 - 02/29/72	
		D015850	6	03/02/72 - 03/03/72	
		D015851	7	03/03/72 - 03/06/72	
		D015852	8	03/06/72 - 03/09/72	
		D015853	9	03/09/72 - 03/12/72	
		D015854	10	03/12/72 - 03/15/72	
		D015855	11	03/15/72 - 03/18/72	
		D015856	12	03/18/72 - 03/21/72	
		D015857	13	03/21/72 - 03/24/72	
DR005424	DS005424	D015858	1	03/24/72 - 03/27/72	
		D015859	2	03/27/72 - 03/30/72	
		D015860	3	04/01/72 - 04/02/72	
		D015861	4	04/02/72 - 04/05/72	
		D015862	5	04/05/72 - 04/08/72	
		D015863	6	04/08/72 - 04/11/72	
		D015864	7	04/11/72 - 04/14/72	
		D015865	8	04/14/72 - 04/17/72	
		D015866	9	04/17/72 - 04/20/72	
		D015867	10	04/20/72 - 04/23/72	
		D015868	11	04/23/72 - 04/26/72	
		D015869	12	04/26/72 - 04/29/72	
		D015870	13	04/29/72 - 05/02/72	
DR005425	DS005425	D015871	1	05/02/72 - 05/05/72	
		D015872	2	05/05/72 - 05/08/72	
		D015873	3	05/08/72 - 05/11/72	
		D015874	4	05/11/72 - 05/14/72	
		D015875	5	05/14/72 - 05/17/72	
		D015876	6	05/17/72 - 05/19/72	
		D015877	7	05/20/72 - 05/23/72	
		D015878	8	05/23/72 - 05/26/72	
		D015879	9	05/26/72 - 05/29/72	
		D015880	10	05/29/72 - 06/01/72	
		D015881	11	06/01/72 - 06/04/72	(j)
		D015882	12	06/04/72 - 06/07/72	
		D015883	13	06/07/72 - 06/10/72	

DR#	DS#	D#	FILES	TIMS SPAN
DR005426	DS005426	D015884	1	06/10/72 - 06/13/72
		D015885	2	06/13/72 - 06/16/72
		D015886	3	06/16/72 - 06/19/72
		D015887	4	06/19/72 - 06/22/72
		D015888	5	06/22/72 - 06/25/72
		D015889	6	06/25/72 - 06/28/72
		D016151	7	06/28/72 - 07/01/72
		D016152	8	07/01/72 - 07/04/72
		D016153	9	07/04/72 - 07/07/72
		D016154	10	07/07/72 - 07/10/72
		D016155	11	07/10/72 - 07/13/72
		D016156	12	07/13/72 - 07/16/72
		D016157	13	07/16/72 - 07/19/72
DR005427	DS005427	D016158	1	07/19/72 - 07/22/72
		D016159	2	07/22/72 - 07/25/72
		D016160	3	07/25/72 - 07/28/72
		D016180	4	07/28/72 - 07/31/72
		D016179	5	07/31/72 - 08/03/72
		D016178	6	08/03/72 - 08/06/72
		D016177	7	08/06/72 - 08/09/72
		D016176	8	08/09/72 - 08/12/72
		D016175	9	08/12/72 - 08/15/72
		D016174	10	08/15/72 - 08/18/72
		D016173	11	08/18/72 - 08/21/72
		D016172	12	08/21/72 - 08/24/72
		D016171	13	08/24/72 - 08/27/72
DR005428	DS005528	D016163	1	08/27/72 - 08/30/72
		D016164	2	08/30/72 - 09/02/72
		D016165	3	09/02/72 - 09/05/72
		D016166	4	09/05/72 - 09/08/72
		D016167	5	09/08/72 - 09/11/72
		D016168	6	09/11/72 - 09/14/72
		D016169	7	09/14/72 - 09/17/72
		D016162	8	09/17/72 - 09/20/72

(a) D015788: Read error occurred in record 2779 of file 1.
(b) D015789: Read error occurred in record 1060 of file 1.
(c) D015792: Read errors ocurred in records 1315,1584 of file 1.
(d) D015812: Read errors ocurred in records 119,835 of file 1.
(e) D015815: Read error occurred in record 9 of file 1.
(f) D015818: Read errors ocurred in records 121,124 of file 1.
(g) D015823: Read errors ocurred in records 1, 2 of file 1.
(h) D015828: Read errors ocurred in records 1086 of file 1.
(i) D015829: Read errors ocurred in records 908 of file 1.
(j) D015881: Read errors ocurred in records 501 of file 1.

Req. Agent	Rand no.	Acq. Agent
WCH VJP	RC1355	JHK

APOLLO 15

LUNAR SURFACE MAGNETOMETER

71-063C-03B

This data set consists of 138 556 BPI, binary, 7-track tapes, created on an IBM 7094 computer. Each tape contains 1 file. The time spans for each tape are on the following pages.

D#	C#	TIME SPAN
D-15780	C-12375	7/31/71 - 8/03/71
D-15781	C-12376	8/03/71 - 8/06/71
D-15782	C-12377	8/06/71 - 8/09/71
D-15783	C-12378	8/09/71 - 8/12/71
D-15784	C-12379	8/12/71 - 8/15/71
D-15785	C-12380	8/15/71 - 8/18/71
D-15786	C-12381	8/18/71 - 8/21/71
D-15787	C-12382	8/21/71 - 8/24/71
D-15788	C-12383	8/24/71 - 8/27/71
D-15789	C-12384	8/27/71 - 8/30/71
D-15790	C-12385	8/30/71 - 9/02/71
D-15791	C-12386	9/02/71 - 9/05/71
D-15792	C-12387	9/05/71 - 9/08/71
D-15793	C-12388	9/08/71 - 9/11/71
D-15794	C-12389	9/11/71 - 9/14/71
D-15795	C-12390	9/14/71 - 9/17/71
D-15796	C-12391	9/17/71 - 9/20/71
D-15797	C-12392	9/20/71 - 9/23/71
D-15798	C-12393	9/23/71 - 9/26/71
D-15799	C-12394	9/26/71 - 9/29/71
D-15800	C-12404	9/29/71 - 10/02/71
D-15801	C-12405	10/02/71 - 10/05/71
D-15802	C-14537	illegible
D-15803	C-12406	10/08/71 - 10/11/71
D-15804	C-12407	10/11/71 - 10/14/71
D-15805	C-12408	10/14/71 - 10/17/71
D-15806	C-12409	10/17/71 - 10/20/71

D#	C#	TIME SPAN
D-15807	C-12410	10/20/71 - 10/23/71
D-15808	C-12411	10/23/71 - 10/26/71
D-15809	C-12412	10/26/71 - 10/29/71
D-15810	C-12413	10/29/71 - 11/01/71
D-15811	C-12414	11/01/71 - 11/02/71
D-15812	C-12415	11/05/71 - 11/07/71
D-15813	C-12416	11/07/71 - 11/10/71
D-15814	C-12417	11/10/71 - 11/13/71
D-15815	C-12418	11/13/71 - 11/16/71
D-15816	C-12419	11/16/71 - 11/19/71
D-15817	C-12420	11/19/71 - 11/22/71
D-15818	C-12421	11/22/71 - 11/25/71
D-15819	C-12422	11/25/71 - 11/28/71
D-15820	C-12423	11/28/71 - 12/01/71
D-15821	C-12424	12/05/71 - 12/07/71
D-15822	C-12425	12/07/71 - 12/10/71
D-15823	C-12426	12/10/71 - 12/13/71
D-15824	C-12427	12/13/71 - 12/16/71
D-15825	C-12428	12/16/71 - 12/19/71
D-15826	C-12429	12/19/71 - 12/22/71
D-15827	C-13896	12/22/71 - 12/25/71
D-15828	C-13897	12/25/71 - 12/28/71
D-15829	C-13898	12/28/71 - 12/31/71
D-15830	C-12430	1/03/72 - 1/03/72
D-15831	C-12431	1/03/72 - 1/06/72
D-15832	C-12432	1/06/72 - 1/09/72
D-15833	C-12433	1/09/72 - 1/12/72

D#	C#	TIME SPAN
D-15834	C-12434	1/12/72 - 1/15/72
D-15835	C-12435	1/15/72 - 1/18/72
D-15836	C-12436	1/18/72 - 1/21/72
D-15837	C-12437	1/21/72 - 1/24/72
D-15838	C-12438	1/24/72 - 1/27/72
D-15839	C-12439	1/27/72 - 1/30/72
D-15840	C-12440	1/30/72 - 2/02/72
D-15841	C-12441	2/02/72 - 2/05/72
D-15842	C-12442	2/05/72 - 2/08/72
D-15843	C-12443	2/08/72 - 2/11/72
D-15844	C-12444	2/11/72 - 2/14/72

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556 BPI, BINARY, 7-TRACK, 1 FILE

D#	C#	TIME SPAN
D-15845	C-12471	2/14/72 - 2/17/72
D-15846	C-12472	2/17/72 - 2/20/72
D-15847	C-12473	2/20/72 - 2/23/72
D-15848	C-12474	2/23/72 - 2/26/72
D-15849	C-12475	2/26/72 - 2/29/72
D-15850	C-12476	3/02/72 - 3/03/72
D-15851	C-12477	3/03/72 - 3/06/72
D-15852	C-12478	3/06/72 - 3/09/72
D-15853	C-12479	3/09/72 - 3/12/72
D-15854	C-12480	3/12/72 - 3/15/72
D-15855	C-12481	3/15/72 - 3/18/72
D-15856	C-12482	3/18/72 - 3/21/72
D-15857	C-12483	3/21/72 - 3/24/72
D-15858	C-12484	3/24/72 - 3/27/72
D-15859	C-12485	3/27/72 - 3/30/72
D-15860	C-12486	4/01/72 - 4/02/72
D-15861	C-12487	4/02/72 - 4/05/72
D-15862	C-12488	4/05/72 - 4/08/72
D-15863	C-12489	4/08/72 - 4/11/72
D-15864	C-12490	4/11/72 - 4/14/72

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D#	C#	TIME SPAN
D-15865	C-12542	4/14/72 - 4/17/72
D-15866	C-12543	4/17/72 - 4/20/72
D-15867	C-12544	4/20/72 - 4/23/72
D-15868	C-12545	4/23/72 - 4/26/72
D-15869	C-12546	4/26/72 - 4/29/72
D-15870	C-12547	4/29/72 - 5/02/72
D-15871	C-12548	5/02/72 - 5/05/72
D-15872	C-12549	5/05/72 - 5/08/72
D-15873	C-12550	5/08/72 - 5/11/72
D-15874	C-12551	5/11/72 - 5/14/72
D-15875	C-12552	5/14/72 - 5/17/72
D-15876	C-12553	5/17/72 - 5/19/72*
D-15877	C-12554	5/20/72 - 5/23/72
D-15878	C-12555	5/23/72 - 5/26/72
D-15879	C-12556	5/26/72 - 5/29/72
D-15880	C-12557	5/29/72 - 6/01/72
D-15881	C-12558	6/01/72 - 6/04/72
D-15882	C-12559	6/04/72 - 6/07/72
D-15883	C-12560	6/07/72 - 6/10/72
D-15884	C-12561	6/10/72 - 6/13/72
D-15885	C-12562	6/13/72 - 6/16/72
D-15886	C-12563	6/16/72 - 6/19/72
D-15887	C-12564	6/19/72 - 6/22/69
D-15888	C-12565	6/22/72 - 6/25/72
D-15889	C-12566	6/25/72 - 6/28/72

* One day of data missing from tape.

Apollo 15 (71-063C-03B)

D#	C#	TIME SPAN
D-16151	C-12648	06/28/72 - 07/01/72
D-16152	C-12649	07/01/72 - 07/04/72
D-16153	C-12650	07/04/72 - 07/07/72
D-16154	C-12651	07/07/72 - 07/10/72
D-16155	C-12652	07/10/72 - 07/13/72
D-16156	C-12653	07/13/72 - 07/16/72
D-16157	C-12654	07/16/72 - 07/19/72
D-16158	C-12655	07/19/72 - 07/22/72
D-16159	C-12656	07/22/72 - 07/25/72
D-16160	C-12657	07/25/72 - 07/28/72
D-16162	C-12658	09/17/72 - 09/20/72
D-16163	C-12659	08/27/72 - 08/30/72
D-16164	C-12660	08/30/72 - 09/02/72
D-16165	C-12661	09/02/72 - 09/05/72
D-16166	C-12662	09/05/72 - 09/08/72
D-16167	C-12663	09/08/72 - 09/11/72
D-16168	C-12664	09/11/72 - 09/14/72
D-16169	C-12665	09/14/72 - 09/17/72
D-16171	C-12666	08/24/72 - 08/27/72
D-16172	C-12667	08/21/72 - 08/24/72
D-16173	C-12668	08/18/72 - 08/21/72
D-16174	C-12669	08/15/72 - 08/18/72
D-16175	C-12670	08/12/72 - 08/15/72
D-16176	C-12671	08/09/72 - 08/12/72
D-16177	C-12672	08/06/72 - 08/09/72
D-16178	C-12673	08/03/72 - 08/06/72
D-16179	C-12674	07/31/72 - 08/03/72
D-16180	C-12675	07/28/72 - 07/31/72

04-044C-01B

(1)

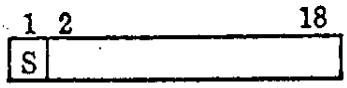
APOLLO CORRECTION TAPE DESCRIPTION

FORTRAN Binary Tape (36 bits per word)

I. Introduction

The correction tape contains lunar magnetic field data in the ALSEP coordinate system. The tape was written by a FORTRAN IV program using a 'WRITE (N) LIST' statement.

The first word of each record contains time in milliseconds for the first vector (X, Y, Z) within a record. Vectors are at approximately 301.88 millisecond intervals. Each component has been rounded to the nearest .01 gamma, multiplied by 100 and stored into 18 bits.



The first bit (1) is 0 for positive field values and 1 for negative field values. For example, a value of -29.376 gamma will be stored as -2938. Two components are packed into each 36-bit word.

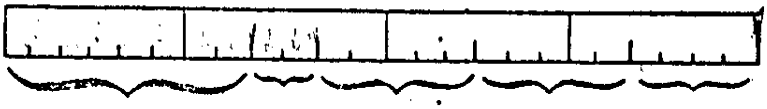
Two vectors require three 36-bit words.

1 2	18	19	36	
S_x	X_1	S_y	Y_1	Word 1
S_z	Z_1	S_x	X_2	Word 2
S_y	Y_2	S_z	Z_2	Word 3

Time on the tape is continuous. Data gaps are filled by flagging missing vectors with 999.9. (X = 999.9, Y = 999.9, Z = 999.9)

II. Output Tape Format

Label Record



4 words

Experiment ID Year Start Time Stop Time Sequence Number

Example: MAGCTA12 932414 32714/0015

Data Records

Time-millisec	Word 1	Word 2	Word 3
	X_1 Y_1	Z_1 X_2	Y_2 Z_2
	Word 4	Word 5	Word 6
	X_3 Y_3	Z_3 X_4	Y_4 Z_4
	Word 7	Word 8	Word 9
	X_5 Y_5	Z_5 X_6	Y_6 Z_6
	Word 748	Word 749	Word 750
	X_{499} Y_{499}	Z_{499} X_{500}	Y_{500} Z_{500}

751 words

III. Last Records

The last record of data is filled with ones (octal ones = 111111111111); last logical record filled with all ones followed by EOF.

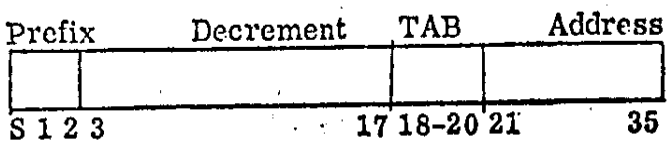
Binary tape, 556 BPI; 7 track, standard IBM EOF.

IV. DCS Blocked Records

The Apollo Correction Tapes were generated by an IBM 7040/7094 Direct Couple Operating System (DCS). To optimize the use of this operating system all tapes processed have a fixed physical record size of 460 words.

Physical-Record Control Words.

The first two words in standard DCS physical records are control words. The first control word contains the number of the record within the current file. The second control word contains the real label in BCD form.



Logical-Record Control Words

Preceding the first word of each logical record is the logical-record control word. The decrement of this word contains the word count of the previous logical record, and its address contains the word count of the following logical record. The remaining bits of the word, prefix and tag, are used to indicate the following.

s=0 The previous logical record is complete in this buffer.

s=1 The previous logical record is incomplete in this buffer or ends in the last word of the previous buffer.

1=0 The previous logical record is a BCD record.

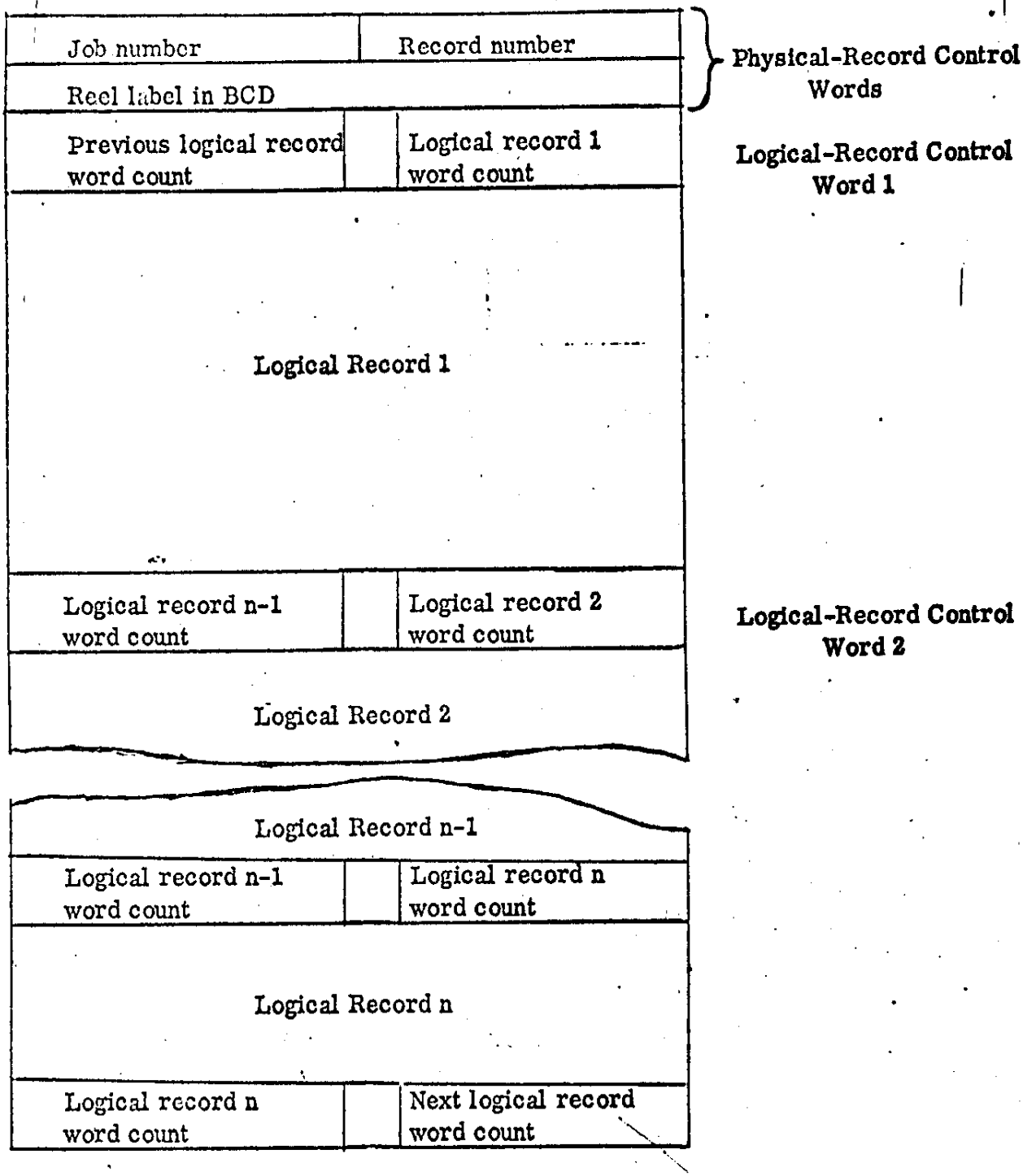
1=1 The previous logical record is a binary record.

18=0 The next logical rocord is complete in this buffer.

18=1 The next logical record is incomplete in this buffer or starts in the first word of the next buffer.

19=0 The next logical record is a BCD record.

19=1 The next logical record is a binary record.



Physical record size is 460 words.

APOLLO CORRECTION TAPE DESCRIPTION

DCS BLOCKED LAYOUT

DCS Physical Rec #1 460 Words

1	Record Number	DCS Physical Control Word
2	Reel Label	DCS Physical Control Word
3	Control Word	DCS Logical
4	Control Word	Fortran
5	} Apollo Label Record Data	
6		
7		
8		
9	Control Word	DCS Logical
10	Control Word	Fortran
11		
12	} Fortran Physical Record #1	
:		
264		
265		
266	Control Word	DCS Logical
267	Control Word	Fortran
268		
269	} Fortran Physical Record #2	
:		
459		
460		

DCS Physical Rec #2 460 Words

1	Record Number	DCS Physical Control Word
2	Reel Label	DCS Physical Control Word
3		
4	} Continuation of Fortran Physical Record #2	
:		
63		
64		
65	Control Word	DCS Logical
66	Control Word	Fortran
67		
68	} Fortran Physical Record #3	
:		
366		
367		
368	Control Word	DCS Logical
369	Control Word	Fortran
370		
371	} Fortran Physical Record #1	
:		
459		
460		

Apollo Logical Rec #1 751 Data Words

(does not include any control words)

Logical rec = 3 phys rec's

1st 2 phys rec's = 255 wds

3rd phys rec = 241 wds

DCS Physical Rec #3 460 Words

1	Record Number	DCS Physical Control Word
2	Reel Label	DCS Physical Control Word
3		
4	}	Continuation of Fortran Physical Record #1
:	}	
105	}	
106		
107	Control Word	DCS Logical
108	Control Word	Fortran
109		
110	}	Fortran Physical Record #2
:	}	
362	}	
363		
364	Control Word	DCS Logical
365	Control Word	Fortran
366		
367	}	Fortran Physical Record #3
:	}	
459	}	
460		

Apollo Logical Rec #2 751 Data Words

DCS Physical Rec #4 460 Words

1	Record Number	DCS Physical Control Word
2	Reel Label	DCS Physical Control Word
3		
4	}	Continuation of Fortran Physical Record #3
:	}	
147	}	
148		
149	Control Word	DCS Logical
150	Control Word	Fortran
151		
152	}	Fortran Physical Record #1
:	}	
404	}	
405		
406	Control Word	DCS Logical
407	Control Word	Fortran
408		
409	}	Fortran Physical Record #2
:	}	
459	}	
460		

1	Record Number	DCS Physical Control Word
2	Reel Label	DCS Physical Control Word
3		
4	}	Continuation of Fortran Physical Record #2
:	}	
203	}	
204		
205	Control Word	DCS Logical
.	.	.
.	.	.
.	.	.
.	.	.

Apollo Logical Rec #3 751 Data Words

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FILE 0001 REC 0001 CH 2760

0001	005200000001	606002030110	000000200005	000004000001	442127236321	010507010201	020111020105	011160606001
0049	200005200400	000377000000	210774605215	400101000063	400123400101	000063400123	400101000063	400123400101
0097	000063400123	400126000103	400066400126	000103400066	400126000103	400066400126	000103400066	400153000124
0145	400031400153	000124400031	400153000124	400027400153	000124400027	400130000102	400065400130	000102400065
0193	400130000102	400065400130	000102400065	400130000102	400065400130	000102400065	400130000102	400065400130
0241	000102400065	400054000041	400067400054	000041400067	400026000021	400033400026	000021400033	400026000021
0289	400033400054	400021400033	400101400001	000003400053	000041000002	400053000041	000001400053	000041000001
0337	400053000041	000001400053	000041000001	400053000041	000001400126	000103000003	400126000103	000003400126
0385	000103000003	400126000103	000003400126	000103000003	400126000103	000103000003	400153000124	400153000124
0433	400031400153	000124400031	400153000124	400031400126	000103400066	400126000103	400066400126	000103400066
0481	400126000103	400066400126	000103400066	400126000103	400066400126	000103400066	400153000124	400031400153
0529	000124400031	400153000124	400031400153	000124400031	400153000124	400031400153	000124400031	400153000124
0577	400031400153	000124400031	400153000124	400031400153	000124400031	400153000124	400031400153	000124400031
0625	400153000124	400031400153	000124400031	400153000124	400031400153	000124400031	400153000124	400031400153
0673	000124400031	400153000124	400031400153	000124400031	400153000124	400031400153	000124400031	400153000124
0721	400031400153	000124400031	400153000124	400031400153	000124400031	400153000124	400031400153	000124400031
0769	400153000124	400031400153	000124400031	400153000124	400031400153	000124400031	400125000165	400031400125
0817	000165400031	400125000165	400031400125	000165400031	400076000227	400031400076	000227400031	400076000227
0865	400031400125	000165400031	400125000165	400031400125	000165400031	400125000165	400031400125	000165400031
0913	400125000165	400031400125	000165400031	400051000206	400067400051	000206400067	400051000206	400067400077
0961	000145400066	400052000124	400123400101	000063400123	400101000063	400123400126	000103400066	400126000103
1009	400066400126	000103400066	400126000103	400066400126	000103400066	400126000103	400066400126	000103400066
1057	400126000103	400066400126	000103400066	400126000103	400066400126	000103400066	400126000103	400066400126
1105	000103400066	400126000103	400066400126	000103400066	400153000124	400031400126	000103400066	400153000124
1153	400031400153	000124400031	400126000103	400066400153	000124400031	400126000103	400066400077	000145400066
1201	400077000145	400066400077	000145400066	400126000103	400066400126	000103400066	400126000103	400066400126
1249	000103400066	400126000103	400066400126	000103400066	400126000103	400066400126	000103400066	400126000103
1297	400066400126	000103400066	400126000103	400066400126	000103400066	400126000103	400066400126	000103400066
1345	400126000103	400066400153	000124400031	400153000124	400031400126	000103400066	400126000103	400066400126
1393	000103400066	400126000103	400066400126	000103400066	400126000103	400066400126	000103400066	400077000145
1441	400066400077	000145400066	400077000145	400066400077	000145400066	400101000063	400123400052	000124400123
1489	400052000124	400123400052	000124400123	400052000124	400123400052	000124400123	400052000124	400123400052
1537	000124400123	400101000063	400123400126	000103400066	400126000103	400066400126	000103400066	400126000103
1585	400066400126	200400600400	000377000000	000103400066	400126000103	400066400126	000103400066	400077000145
1633	400066400077	000145400066	400077000145	400066400077	000145400066	400077000145	400066400052	000124400123
1681	400052000124	400123400052	000124400123	400077000145	400066400077	000145400066	400077000145	400066400077
1729	000145400066	400077000145	400066400076	000227400031	400051000206	400067400051	000206400067	400051000206
1777	400067400024	000166400124	400024000166	400124400024	000166400124	400024000166	400124400077	000145400066
1825	400077000145	400066400077	000145400066	400077000145	400066400126	000103400066	400126000103	400066400126
1873	000103400066	400126000103	400066400126	000103400066	400126000103	400066400126	000103400066	400126000103
1921	400066400100	000062400032	400100000062	400032400100	000062400032	400053000041	000001400053	000041000001
1969	400053000041	000001400053	000041000001	400100000062	000037400100	000062000037	400052000041	000072400025
2017	000020000035	400025000020	000035000000	400001000071	000000400001	000071000000	400001000071	000026400021
2065	000124000026	400021000124	000026400021	000124000001	400001000162	000001400001	000162000001	400001000162
2113	000001400001	000162400025	000020000126	400025000020	000126400100	000061000127	400125000102	000074400125
2161	000102000074	400125000102	000074400125	000102000074	400125000102	000074400153	000123000040	400153000123
2209	000040400153	000123000040	400200000144	000004400153	000124400031	400153000124	400031400126	000103400066
2257	400126000103	400066400101	000063400123	400101000063	400123400126	000104400157	400100000145	400157400125
2305	000166400213	400125000166	400213400124	000251400247	400152000272	400302400152	000272400302	400200000313
2353	400336400152	000272400373	400152000272	400373400153	000273400464	400153000273	400464400125	000252400430
2401	400126000170	400465400154	000211400521	400127000170	400556400130	000106400522	400130000106	400522400130
2449	000106400522	400130000106	400522400130	000106400522	400130000106	400522400130	000106400522	400102000065
2497	400466400102	000065400466	400102000065	400466400102	000065400466	400102000065	400466400102	000065400466
2545	400155000126	400465400155	000126400465	400155000126	400465400230	000170400463	400230000170	400463400230
2593	000170400463	400230000170	400463400230	000170400463	400202000147	400430400202	000147400430	400202000147
2641	400430400154	000126400374	400154000126	400374400154	000126400374	400154000126	400374400154	000126400374
2689	400154000126	400374400154	000126400374	400154000126	400374400154	000126400374	400154000126	400374400154
2737	000126400374	400154000126	400374400154	000126400374				

FILE 0001 REC 0002 CH 2760

0001	005200000002	606002030110	400154000126	400374400154	000126400374	400154000126	400374400154	000126400374
0049	400154000126	400374400154	000126400374	400154000126	400374400154	000126400374	400154000126	400374400154
0097	000126400374	400154000126	400374400154	000126400374	400154000126	400374400154	000126400374	400154000126

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FILE 0001 REC 0009 CH 2760
1153 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1201 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1249 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1297 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1345 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1393 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1441 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1489 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1537 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1585 200400600362 000361000003 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1633 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1681 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1729 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1777 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1825 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1873 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1921 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
1969 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2017 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2065 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2113 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2161 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2209 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2257 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2305 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2353 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2401 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2449 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2497 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2545 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2593 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2641 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2689 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
2737 111111111111 111111111111 111111111111 111111111111
FILE 0001 REC 0010 CH 0300
0001 005200005403 606002030110 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
0049 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
0097 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
0145 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
0193 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
0241 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111 111111111111
0289 111111111111 600362000000
```