DATA SET CATALOG #65

INJUN III
Master Merged File

5 tapes

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

INJUN 3

GM COUNTS, TAPE

62-067B-01B,02A,03A,04A,05A,06A,07A,08A,09A

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY IT CONTAINED FIVE 7-TRACK, 800 BPI TAPES WRITTEN IN BCD. THERE IS ONE RESTORED TAPE WRITTEN IN EBCDIC. THE DR TAPE IS A 3480 CARTRIDGE AND THE DS TAPE IS 9-TRACK, 6250 BPI. THE ORIGINAL TAPES WERE CREATED ON A 7094 COMPUTER. THE DR AND DS NUMBER ALONG WITH THE CORRESPONDING D NUMBERS AND THE TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR002951	DS002951	D005053	1	12/14/62 - 02/19/63
		D005054	2	02/19/63 - 05/08/63
		D005055	3	05/08/63 - 06/29/63
		D005056	4	06/29/63 - 08/25/63
		D005057	5	08/25/63 - 10/31/63

INJUN 3

GM COUNTS. TAPE

62-067B-01B.02A.03A.04A.05A.06A.07A.08A.09A

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY IT CONTAINED FIVE 7-TRACK. 800 BPI TAPES WRITTEN IN BCD. THERE IS ONE RESTORED TAPE WRITTEN IN EBCDIC. THE DR TAPE IS A 3480 CARTRIDGE AND THE DS TAPE IS 9-TRACK. 6250 BPI. THE ORIGINAL TAPES WERE CREATED ON A 7094 COMPUTER. THE DR AND DS NUMBER ALONG WITH THE CORRESPONDING D NUMBERS AND THE TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR002951	DS002951	D005053	1	12/14/62 - 02/19/63
		D005054	2	02/19/63 - 05/08/63
		D005055	3	05/08/63 - 06/29/63
		D005056	4	06/29/63 - 08/25/63
		D005057	5	08/25/63 - 10/31/63

INJUN III
62-067B

TABLE OF CONTENTS

(02

INJUN III
62-067B

Data set consists of 5 merged tapes. These tapes are 800 BPI, BCD, 7-track, 7094 generated. Each consists of experiments 1-9 and 11.
The two programs included in this catalog are:

1) Time Sequence Aanlysis - to obtain the start and stop times for each experiment on the tapes.
2) Non-Sequential Record Count - to list every non-sequential record on the tapes.

TIME SPANS

TAPE NO.	START	STOP
D-05053 (C-03269)	12/14/62	2/19/63
D-05054 (C-03270)	2/19/63	5/8/63
D-05055 (C-03266)	5/8/63	6/29/63
D-05056 (C-03267)	6/29/63	8/25/63
D-05057 (C-03268)	8/25/63	10/31/63

7/17/73 -
The 'D' tapes in this data set have been sent to the Federal Records Center for storage. Only the 'C' tapes remain in the Data Center.
PHR

INJUN III FORMAT
62-067B

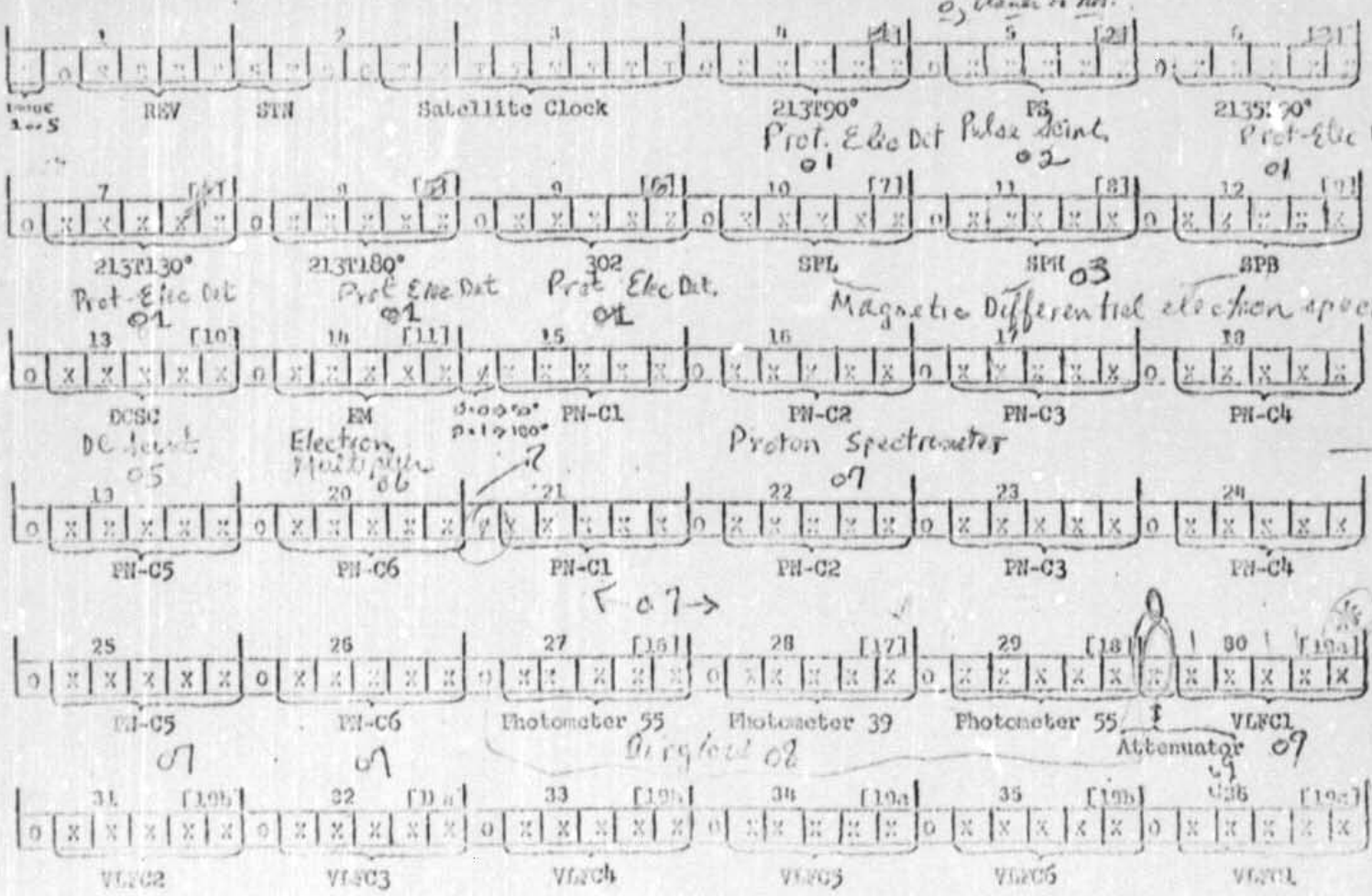
COLUMN	LABEL	DESCRIPTION
1	M	Mode - 1 or 5
3-6	REV	Revolution Number
7-8	STN	Receiving Station Ident
11-18	SAT CLOCK	Satellite Clock
20-24	213T90°	Proton-Electron Detector
26-30	PS	Pulse Scint
32-36	213H90°	Pro-Elect Det
38-42	213T130°	Pro-Elect Det
44-48	213T180°	Pro-Elect Det
50-54	302	Pro-Elect Det
56-60	SPL	Mag Differential Elect. Spect.
62-66	SPH	Mag Differential Elect. Spect.
68-72	SPB	Mag Differential Elect. Spect.
74-78	DCSC	D. C. Scint
80-84	EM	Electron Multiplier
86-90	PN-C1	Proton Spectrometer
92-96	PN-C2	Proton Spectrometer
98-102	PN-C3	Proton Spectrometer
104-108	PN-C4	Proton Spectrometer
110-114	PN-C5	Proton Spectrometer
116-120	PN-C6	Proton Spectrometer
122-126	PN-C1	Proton Spectrometer
128-132	PN-C2	Proton Spectrometer
134-138	PN-C3	Proton Spectrometer
140-144	PN-C4	Proton Spectrometer
146-150	PN-C5	Proton Spectrometer
152-156	PN-C6	Proton Spectrometer
158-162	Photometer 55	Photometer Count
164-168	Photometer 39	Photometer Count
170-174	Photometer 55	Photometer Count
175		Attenuator
176-180	VLFC1	VLF Counts
182-186	VLFC2	VLF Counts
188-192	VLFC3	VLF Counts
194-198	VLFC4	VLF Counts
200-204	VLFC5	VLF Counts
206-210	VLFC6	VLF Counts
212-216	VLFC1	VLF Counts
218-222	VLFC2	VLF Counts
224-228	VLFC3	VLF Counts
230-234	VLFC4	VLF Counts

COLUMN	LABEL	DESCRIPTION
236-240	VLFC5	VLF Counts
242-246	VLFC6	VLF Counts
247-249	AGC	Airglow Counts
250-252	AGC	Airglow Counts
253-255	AGC	Airglow Counts
256-258	AGC	Airglow Counts
260-264	IMS (ISL)	Integral Mag Spect
266-270	IMS (ISH)	Integral Mag Spect
272-276	IMS (ISB)	Integral Mag Spect
280-282	MAG	
283-285	Solar Aspect	
286-288	MAG	
289-336		Error Flags from 8 Sec Sums
339-342	Inv Lat	
344-348	L	
349-352	B	
354-362	B/BO	
363-364	YY	Year
365-366	MM	Month
367-368	DD	Day
369-370	HH	Hour
371-372	MM	Minute
373-374	SS	Second
375-384	L.T.	
385-390		Longitude
391-398		Latitude
399-402		Altitude
403-408		Record Sequence W/in Rev.

ct.
ct.
ct.

INJUN-3
62-067B

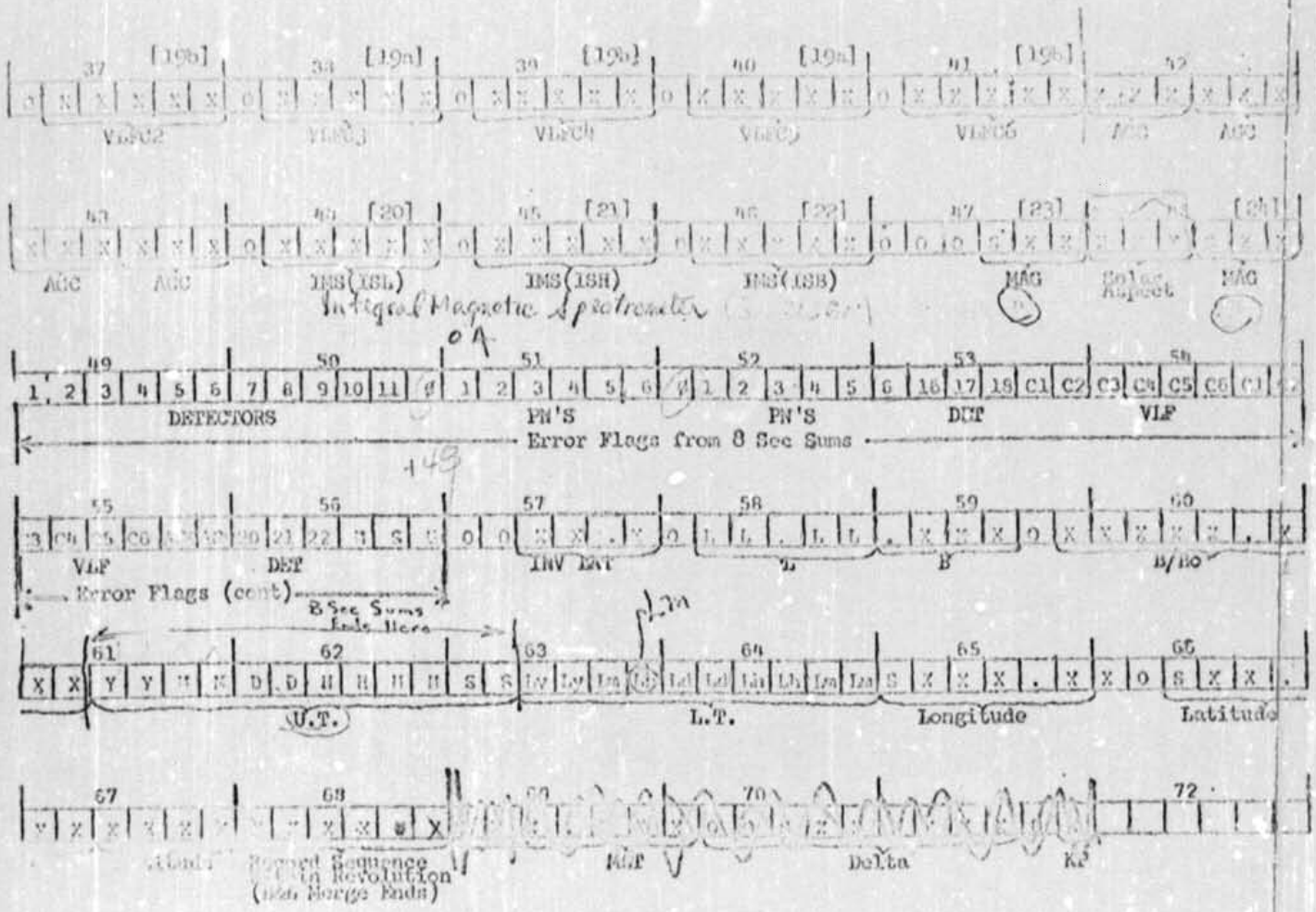
Space Physi
The Univers
Inj 3 Telem



[ ] = Detector number from
Inj 3 Cook Book

FILE NAME Inj Data 2 PROGRAM NAME PROGRAMMER

ADDITIONAL INFORMATION:



FILE NAME: IMS 3 DEL Horne W/SHAPSKP PROGRAM NAME: Garnett's Garden PROGRAMMER Stelling

DATE RECORD LENGTH 80/61, Block=10 MODE BCD CODE 7Redin DENSITY 800

ADDITIONAL INFORMATION: The International Date Line causes problems in longitude in this data.

5

```
$JOB            YZJRJPL,K1005,2,785L,P,KA0001,926
$PAUSE
OPER. ACTION PAUSE

..CONTINUING

$EXECUTE        IBJOB
IBJOB VERSION 5 HAS CONTROL.
$IBJOB          MAP,GO,LOGIC
$IBLDR DECK1                        07/12/67    DECK0000
$IBLDR DECK2                        07/12/67    DECK0000
$IBLDR SUBR                         07/12/67    SUBR0000
$IBLDR WRITE                        07/12/67    WRIT0000
$DATA
```

4

INJUN IV TIME SEQUENCE ANALY

ECK0000
ECK0000
[illegible]
PIT0000

[illegible]ACE ANALYSIS PROGRAM

* CROSS REFERENCE LOGIC *

```
DECK   DECK1    04274 SIZE= 02066
       REAL   //       DELETED REFERS TO  //       AT 76124
       REAL   ......   06346
       VIRT   .FRDD.   REFERS TO  FRDD     AT 26064
       VIRT   .FSLI.   REFERS TO  FSLDI    AT 26274
       VIRT   .FWRD.   REFERS TO  FWRD     AT 26040
       VIRT   .FSLO.   REFERS TO  FSLDO    AT 26365
       VIRT   BCDRD    REFERS TO  WRITA    AT 06567
       VIRT   RERE     REFERS TO  DECK2    AT 06500
       VIRT   SUBR     REFERS TO  SUBR     AT 06520
       VIRT   .FRRN.   REFERS TO  FRRN     AT 26112
       VIRT   .EXIT.   REFERS TO  XIT      AT 20525
       VIRT   .UN02.   REFERS TO  UN02     AT 26251
       VIRT   .FRTN.   REFERS TO  FIOH     AT 25652
       VIRT   .FCNV.   REFERS TO  FCNV     AT 21540
       VIRT   .UN03.   REFERS TO  UN03     AT 26252
       VIRT   .FFIL.   REFERS TO  FIOH     AT 25624
       VIRT   SYSLOC   REFERS TO  .JBCON   AT 03720

DECK   DECK2    06362 SIZE= 00136
       REAL   //       DELETED REFERS TO  //       AT 76124
       EVEN            06363 SIZE= 00001
       REAL   RERE     06500 REF'D BY - DECK1
       VIRT   SYSLOC   REFERS TO  .JBCON   AT 03720

DECK   SUBR     06520 SIZE= 00011 REF'D BY - DECK1 , SUBR
       REAL   SUBR     DELETED REFERS TO  SUBR     AT 06520

DECK   WRITA    06531 SIZE= 10373
       REAL   BCDWR    06531
       REAL   BINWR    06533
       REAL   LLWR     06534
       REAL   BCDRD    06567 REF'D BY - DECK1
       REAL   BINRD    06571
       REAL   LLRD     06572
       REAL   BCDRW    06644
       REAL   BINRW    06646
       REAL   BCDEF    06651
       REAL   BINEF    06653
       REAL   LLEX     06655
       REAL   BCDBS    06711
       REAL   BINBS    06713
       REAL   LLBS     06714
       VIRT   .FWRD.   REFERS TO  FWRD     AT 26040
       VIRT   .FSLO.   REFERS TO  FSLDO    AT 26365
       VIRT   EXIT     REFERS TO  XIT      AT 20525
       VIRT   SYSLOC   REFERS TO  .JBCON   AT 03720
       VIRT   .WRITE   REFERS TO  .IODEF   AT 17614
       VIRT   .READ    REFERS TO  .IODEF   AT 17612
       VIRT   .WEF     REFERS TO  .IOCSB   AT 34602
       VIRT   .REW     REFERS TO  .IOCSH   AT 34601
       VIRT   .BSR     REFERS TO  .IODEF   AT 17624
       VIRT   .OPEN    REFERS TO  .IODEF   AT 17610
       VIRT   .CLOSE   REFERS TO  .IODEF   AT 17606
```

76124

76124

SUBR
06520

```
        VIRT  .UN03.  REFERS TO  UN03     AT 24252
        VIRT  .FFIL.  REFERS TO  FIOH     AT 25624

SUBR  .IBSYS  00000 SIZE= 00134
        REAL  SYSLB1  00000
        REAL  SYSLB2  00001
        REAL  SYSLB3  00002
        REAL  SYSLB4  00003
        REAL  SYSCRD  00004
        REAL  SYSPRT  00005
        REAL  SYSPCH  00006
        REAL  SYSOU1  00007 REF'D BY - FIOS  , FXEM  , .FPTRP, .LXSL , .LXCON
        REAL  SYSOU2  00010
        REAL  SYSIN1  00011
        REAL  SYSIN2  00012
        REAL  SYSPP1  00013
        REAL  SYSPP2  00014
        REAL  SYSCK1  00015
        REAL  SYSCK2  00016
        REAL  SYSUT1  00017
        REAL  SYSUT2  00020
        REAL  SYSUT3  00021
        REAL  SYSUT4  00022
        REAL  SYSUT5  00023
        REAL  SYSUT6  00024
        REAL  SYSUT7  00025
        REAL  SYSUT8  00026
        REAL  SYSUT9  00027
        REAL  SYSTRA  00100
        REAL  SYSDAT  00101
        REAL  SYSCUR  00102
        REAL  SYSRET  00103 REF'D BY - .LXCON
        REAL  SYSKEY  00104
        REAL  SYSSWS  00105
        REAL  SYSPOS  00106
        REAL  SYSUNI  00107 REF'D BY - .IOCS , FIOS  , .LXSL , .LXCON
        REAL  SYSUBC  00110 REF'D BY - .IOCS
        REAL  SYSUAV  00111 REF'D BY - .LXCON
        REAL  SYSUCW  00112 REF'D BY - .IOCS
        REAL  SYSRPT  00113
        REAL  SYSCEM  00114
        REAL  SYSDMP  00115 REF'D BY - .LXCON
        REAL  SYSIDX  00116
        REAL  SYSIDP  00117 REF'D BY - .LXCON
        REAL  SYSCOR  00120
        REAL  SYSLDR  00121
        REAL  SYSACC  00122
        REAL  SYSPID  00123
        REAL  SYSCYD  00124
        REAL  SYSSLO  00126
        REAL  SYSTCH  00127
        REAL  SYSTWT  00131 REF'D BY - .IOCS , .LXSL
        REAL  SYSGET  00132
        REAL  SYSJOB  00133 REF'D BY - .IOCS , FOUT  , .LXSL , .LXCON

SUBR  .IOEX   00702 SIZE= 00047
```

LXSL . .LXCON

XCON

CON

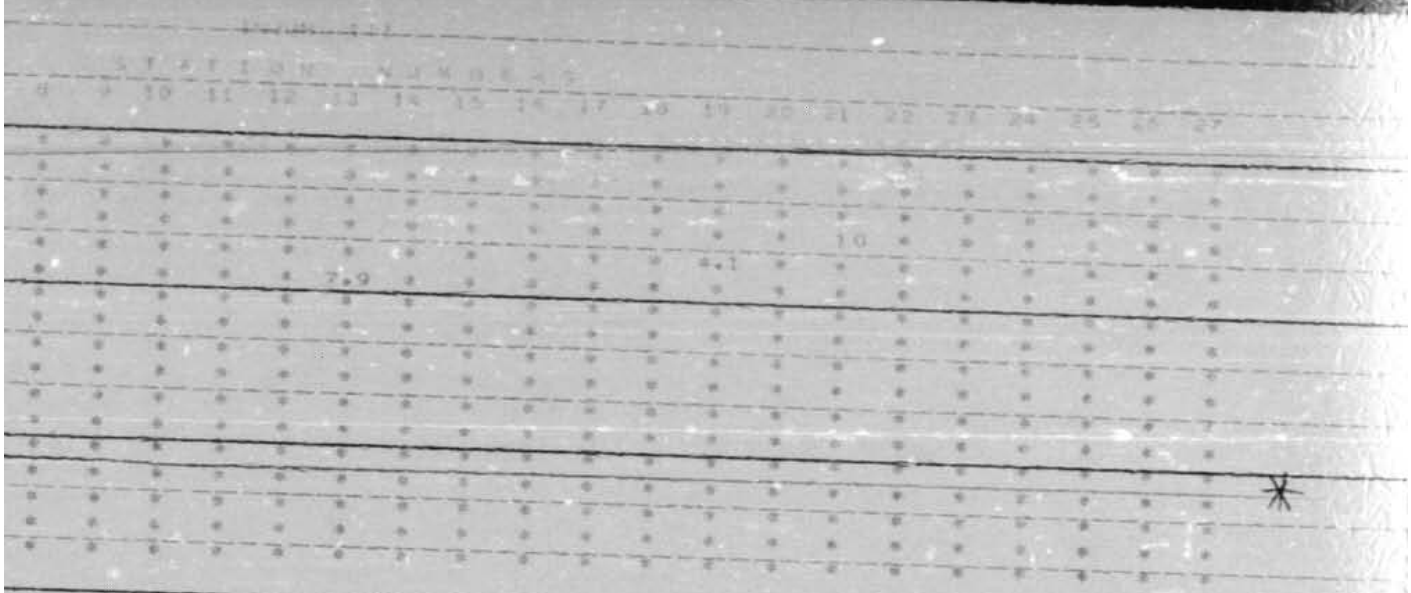
REV.	MODE	STATION 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
003438	1	*	*	*	55	*	*	*	*	*	*	*	*	*	*	*	*	*
003439	1	9.7	*	*	55	*	*	*	*	*	*	*	*	*	*	*	*	*
003441	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003448	1	*	*	*	*	*	*	*	1.7	*	*	*	*	*	*	*	*	*
003450	1	*	*	*	30	*	*	*	*	*	*	*	*	*	*	*	*	*
003451	1	9.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003452	1	17	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003454	1	*	*	*	*	*	*	*	1.9	*	*	*	*	*	*	*	*	*
003457	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003459	1	29	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003460	1	23	1.4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003462	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003465	1	*	2.3	*	*	*	*	*	*	*	*	*	*	*	12	*	*	*
003466	1	*	*	*	*	*	*	*	2.6	*	*	*	*	*	*	*	*	*
003469	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003472	1	14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003473	1	*	*	*	*	*	*	*	2.2	*	*	*	*	*	*	*	*	*
003475	1	*	*	*	43	*	*	*	*	*	*	*	*	*	*	*	*	*
003476	1	11	1.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003477	1	*	3.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003480	1	*	*	*	*	*	*	*	2.6	*	*	*	*	*	*	*	*	*
003482	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003484	1	26	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003485	1	25	3.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003487	1	*	*	*	*	*	*	*	*	*	*	*	*	*	6.7	*	*	*
003488	1	*	5.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003489	1	15	5.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003491	1	*	*	*	*	*	*	*	4.1	*	*	*	*	*	*	*	*	*
003497	1	45	3.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003498	1	*	*	*	*	*	*	*	3.1	*	*	*	*	*	*	*	*	*
003500	1	*	3.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003501	1	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003503	1	*	*	*	*	*	*	*	4.4	*	*	*	*	*	*	*	*	*
003506	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003507	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003509	1	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003510	1	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003512	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003514	1	10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003516	1	*	*	*	*	*	*	*	1.9	*	*	*	*	*	*	*	*	*
003519	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003522	1	24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003523	1	*	*	*	*	*	*	*	5.8	*	*	*	*	*	*	*	*	*
003526	1	*	*	*	*	*	*	*	2.9	*	*	*	*	*	*	*	*	*
003532	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003535	1	12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003539	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003540	1	*	*	*	*	*	*	*	*	*	*	*	*	*	3.9	*	*	*
003544	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003549	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003562	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

REV.	MODE	STATIONS MISSED																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
003564	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003565	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003569	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003587	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003589	1	3.9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003595	1	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003603	1	*	*	*	*	*	*	*	8.2	*	*	*	*	*	*	*	*	*	*
003624	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15	*	*	*
003641	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003649	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003662	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.8	*	*	*
003663	1	14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003675	1	16	*	*	*	*	*	*	*	*	*	*	*	*	*	2.8	*	*	*
003678	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003694	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003699	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003703	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003710	1	*	*	*	*	*	*	*	1.6	*	*	*	*	*	*	*	*	*	*
003712	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.5	*	*	*
003715	1	*	*	*	*	*	*	*	4.4	*	*	*	*	*	*	*	*	*	*
003724	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003725	1	7.2	*	*	*	*	*	*	*	*	*	*	*	*	*	3.4	*	*	*
003728	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003735	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003736	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003750	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15	*	*	*
003751	1	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003752	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15	*	*	*
003753	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003762	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.2	*	*	*
003763	1	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1.9	*	*	*
003764	1	16	*	*	*	*	*	*	*	*	*	*	*	*	*	2.4	*	*	*
003769	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003771	1	7.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003774	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.3	*	*	*
003776	1	6.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003785	1	*	*	*	*	*	*	*	2.1	*	*	*	*	*	*	*	*	*	*
003786	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003788	1	4.4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003790	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7.2	*	*	*
003794	1	*	*	*	*	*	*	*	2.6	*	*	*	*	*	*	*	*	*	*
003796	1	3.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003797	1	6.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003799	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003800	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003803	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.1	*	*	*
003806	1	*	*	*	*	*	*	*	2.4	*	*	*	*	*	*	*	*	*	*
003810	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003813	1	13	*	*	*	*	*	*	2.2	*	*	*	*	*	*	*	*	*	*
003815	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003821	1	7.6	*	*	*	*	*	*	3.7	*	*	*	*	*	*	*	*	*	*

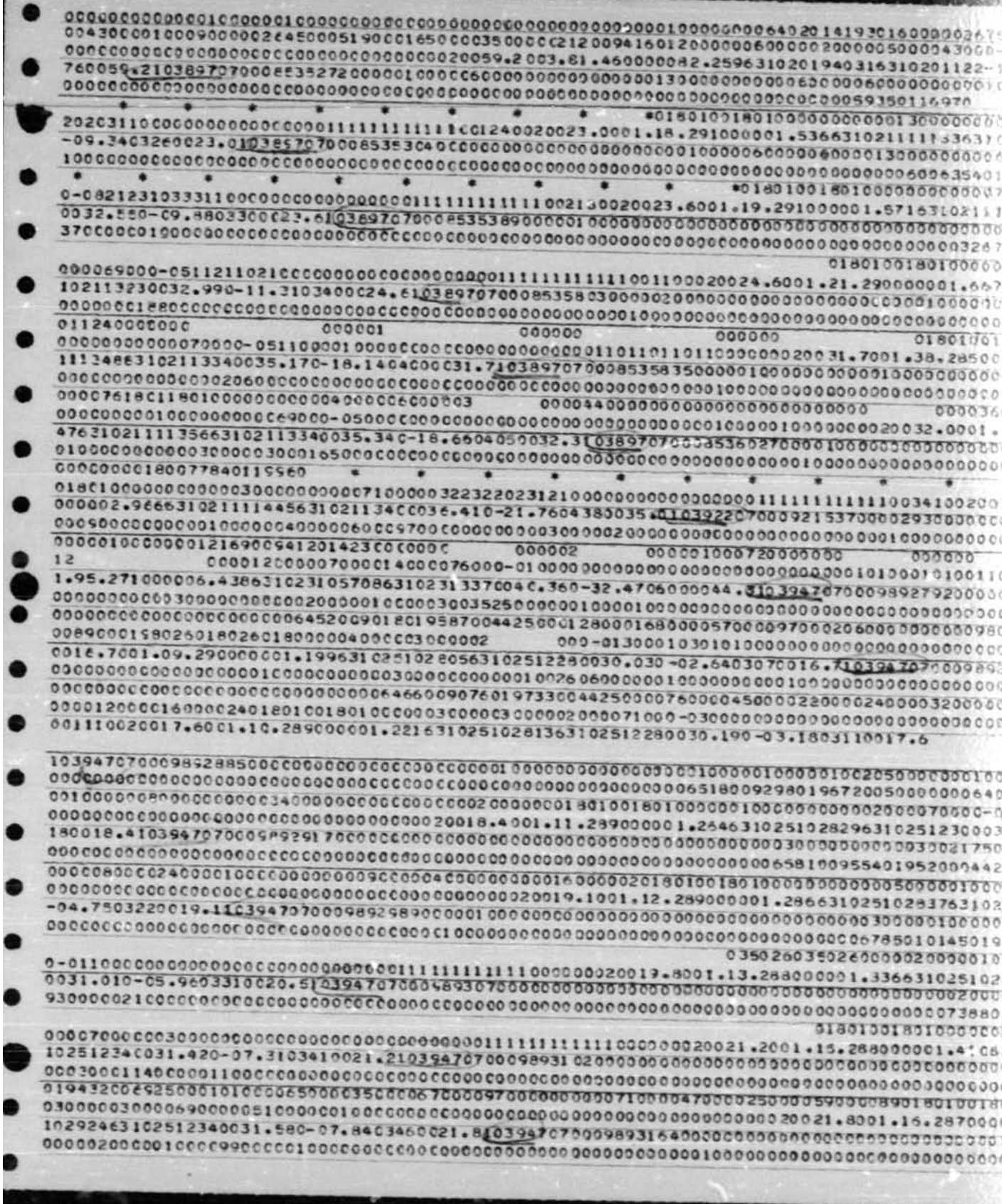
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
									3.8					
								2.7						
						15								
16														
							9.6							
					4.2									
3.8														
											1.8			
2.8														
							4.5							
						13								
					4.0									
							16							
							5.4							
2.5														
							7.5							
					2.6									
3.4														
							5.6							
							12							
				4.9										
15														
											13			
15														
							18							
4.2														
1.8														
2.4												2.6		
					6.8									
2.3														
					3.7									
							4.5							
						3.4								
7.2														
											6.3			
							6.3							
						27								
					5.2									
4.1														
							10							
					5.1									
							7.4							

REV.	MODE	STATION NUMBER																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
003822	1	29	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003826	1	8.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003828	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003835	1	*	*	*	*	*	*	*	1.5	*	*	*	*	*	*	*	*	*
003836	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003889	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003897	1	*	*	*	*	*	*	*	*	*	*	*	*	*	7.9	*	*	*
003922	1	*	*	*	*	*	*	*	26	*	*	*	*	*	*	*	*	*
003947	1	*	*	*	*	*	*	*	8.0	*	*	*	*	*	*	*	*	*
003951	1	*	0.5	*	*	*	*	*	7.4	*	*	*	*	*	*	*	*	*
003965	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003987	1	*	34	*	*	*	*	*	1.0	*	*	*	*	*	*	*	*	*
004022	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003947	1	*	*	*	*	*	*	*	2.0	*	*	*	*	*	*	*	*	*
003951	1	*	0.5	*	*	*	*	*	20	*	*	*	*	*	*	*	*	*
003965	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
003987	1	*	34	*	*	*	*	*	1.0	*	*	*	*	*	*	*	*	*

* Data below this line is not valid. It occured because the
on the last data tape was not blocked 10 logical records.
logical record with the result being that the core area
previous data. Thus the repeat of revolution



alid. It occured because the last physical record not blocked 10 logical records. It only contained one lt being that the core area was filled with the epeat of revolution ~~data~~ number.



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0001000000000640201419301600000267500053700017500
1601200000060000020000050000430000-050C000CC00000
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0000000000000000C0C0059350116970    *    *    *
 *0180100180100000000000130000000000068000-071201
1.18.291000001.536631021111136631C2113200032.390
0000010000060000060000130000000000000001200000C0
0000000000000000000000000000600635401168O0    *
   *    *0180100180100000000000007000C0000006700
0023.6001.19.291000001.571631021111141631021132O
0000000000000000000000000000000000000000000C30000
0000000000000000000000000000032670068460114520
                  0180100180100000000000000000000
0011000020024.6001.21.290000001.667631021111203 63
0002000000000000000000C0000100000000000000000000
1000000000000000000000000000000000000000000007315
        000000              0180100180100000000000
1101101100000000200 31.7001.38.285000002.382631021
5358350000010000000000010000000000010000000000000
0000000010000000000000000000000000000000C0C0000000
0000000000000000000000      0000360180100180100O
0000000010000010000000020032.0001.39.285000002.4
9767000353602700001000000000000000000000000010000
0000000000000001000000000000000000000000000000000
    *   *   *   *   *   *   *   *0180100
0000000000001111111111110034100200350.0001.49.282
35.0103922070009215370000293000000000043000001700
0000000000000000000000001000000000000000000C000000
  0000010007200000000      000000      0000000007
0000000000000000000001010001010011000002004 4.300
1706000044.3103947070009892792000000000000000001
0100000000000000000000000000000000000000000000000
0168000057000097000206000000000098000150000 4700
0001030101000000000000000000000000000000202002
030-02.6403070016.710394707000989282400000000000
0001000000000010000000000000000000000000000000000
0007600004500002200002400003200000000004 000027
1000-0300000000000000000000000000000000000000000
2280030.190-03.1803110017.6

0000001000001000001002050000000100000000000000000  REC     8. LENGTH  4080
0000065180092980196720050000000640000160000007 00
1801000000100000000000200007000C-0300000000000000
00001.2646310251028296310251230003O.490-04.2103
0000000000000030000000000030021750000011000000 0
0000000000000658100955401952000442500003S000022
2018010018010000000000005000001000071000-030000
.12.289000001.2866310251028376310251231003O.650
0000000000000000000000300000100000300295400000 4
0000000000000000000006785010145019389O
          0350260350260000020000010000002      00
019.8001.13.288000001.3366310251028556310251231
0000000000000000000000000000000020000000000010001
0000000000000000000000000000007388010501019345O
                  0180100180100000002000000000000
0000020021.2001.15.288000001.41063102510291663
0000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000007717010765
0000047000025000059000089018010018010000003000O0
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0000001000000000000000000000000000000010000000080
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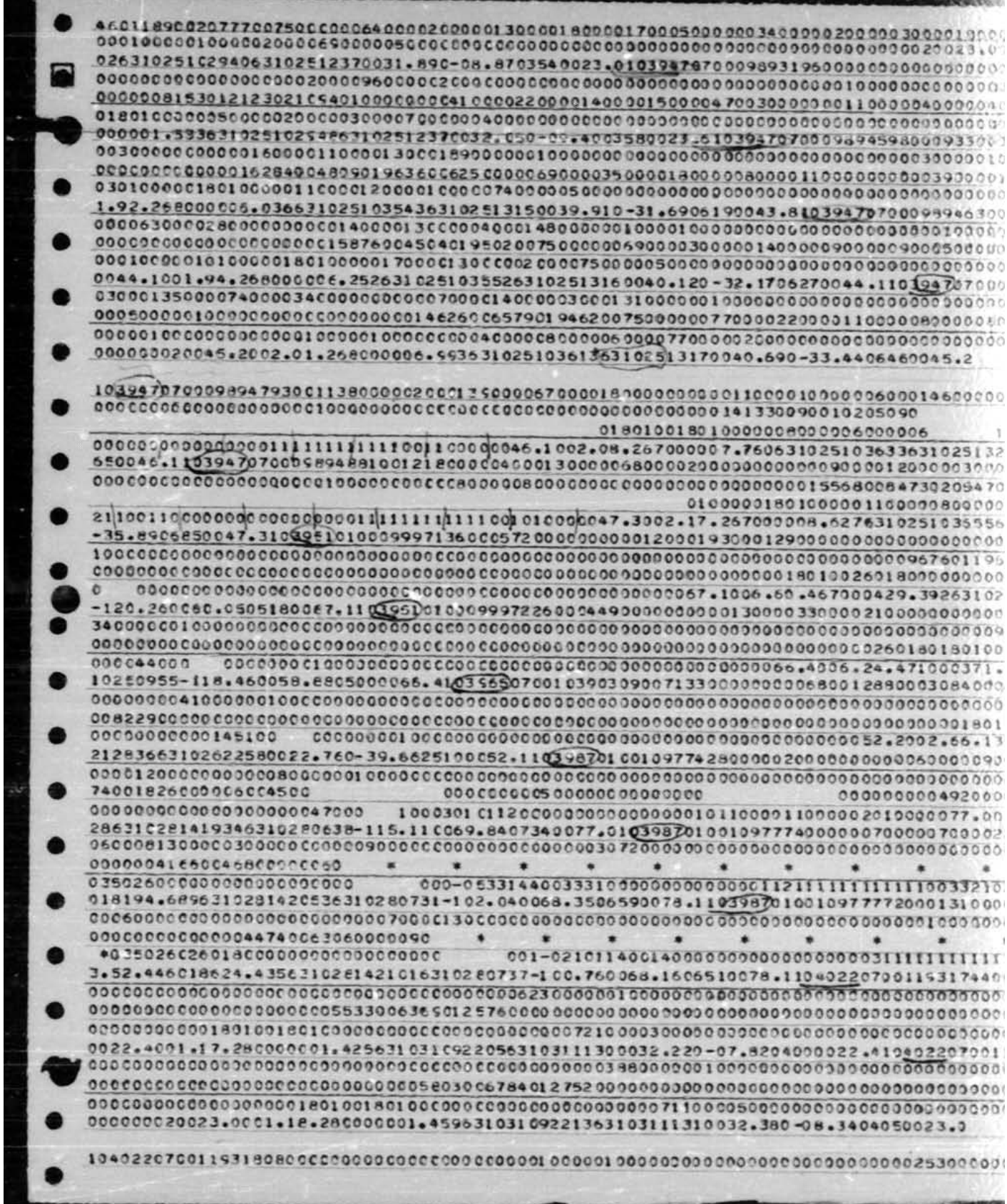

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'0005000000340000020000030000100000090180100180C1000
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139478700098931960000000000000000000000001000C000000
0000000000000000001000003000000000000000000C0000000
1500004700300000001100000400000400000700003901BC10
0000000000000000000000000000000020023.6001.19.286
0023.61039470700098945980009330000010001230C0C6400
0000000000000000000C0000030000010000040000C000C00
0018000008000011000000000390000170000080000000000
0000000000000900000000000000000000000000020043.800
1.6906190043.8103947070009894630000990000002000124
0001000000000000000000100000000000200000C60000
0000300000140000090000090005000003900001200000400
0500000000000000000000000000000000000000000C000002
40.120-32.1706270044.1101947070009894715001294000O
0000001000000000000000000000000000000000000C000400
0000007700002200001100000800000800050000047000004
0077000002000000000000000000000000000000000C000000
2513170040.690-33.4406460045.2

0000000011000010000006000146000000000005000C140000  REC      9. LENGTH  4080
0000000141330090010205090
1001801000000800000600000G      100  1100001100000
6700000 7.76063102510363631025132000 41.230-34.5906
0000200000000000090000120000030002180000001C000000
0000000000000001556800847302054 70
     0100000180100000110000080000 04      100  0000
002.17.267000008.627631025103555631025132300 41.840
1200019300012900000000000000000000000000000360C0000
0000000000000000000000009676011957005536000C000000
0000000000000180100260180000000000000000000      00
000067.1006.60.467000429.392631025174859631C250946
0000000013000033000021000000000000000000000C000000
0000000000000000000000000000000090160118230C548400
0000000000000000000000260180180100000000C0000000
0000000000066.4006.24.471000371.962631025174922 63
0071330000000006800128800030840000000000000C000000
0000000000000000000000000000000000000000000600001 7
0000000000000000000000000000180100180100000000000
0000000000000000000052.2002.66.139000008.332631026
1097742800000200000000006000090000220000CC00006
0000000000000000000000000000000000000000000C000024
000000                000000000492000000035026025018 00
0000010110000110000020100000 77.0019.81.428011060.7
3987010010977740000007000007000022000002000C070000
0000000000000000000000000000000000000000C000C000000
 *    *    *    *    *    *    *      4053035
0000000000011211111111111110033210200 78.1023.35.444
0078.1103987010010977772000131000000000000000C000100
0000000000000000000000000001000000000000000000C000000
   *    *    *    *    *    *    *    *    *
0140000000000000000003111111111111110C2210020078.102
3.1606510078.1104022070011931744000000000000C000000
0000000000000000000000000000000000000300000000000000
0000000000000000000000000000000000000000C000C000000
0300000000000000000000000000000000000000000000C000002
12.220-07.8204000022.4104022070011931776000000C0000
0000001000000000000000000000000000000000000C000000
0003000000000000000000000000000000000000000000C000000
0071100005000000000000000000000000000000000000C000000
0111310032.380-08.3404050023.0

0000000000000000000000000025300000001000000000000000  REC     10. LENGTH   408
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00000000000000000000000000000000000000000000000000000000000000000000000546300660 70 1201 2000000000000
0000000000000000000000000000000000000000000000000000001 801001801000000000000010000000000 7010
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100C23.6

00000000000000546300660701201200000000000000000000000000
00001801001801000000000000100000000007010000500000000000
01.19.27900000 1.492631031092221631031 11310032.540-08.8604