

Data Set Catalog # 227

Explorer 4/
10N Chamber and G.M. Count Data
69-053A-02A 54tapes

Table of Contents

1. Introduction
2. Errata/Change Log
3. LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC
INFORMATION SYSTEM
4. Catalog Materials
 - a. Associated Documents
 - b. Core Catalog Materials

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

IMP-G

ION CHAMBER + GM COUNTS, MAG. TAPE

SPHE 00734

69-053A-02A

THIS DATA SET HAS BEEN RESTORED. THERE WERE ORIGINALLY 54 7-TRACK, 556 BPI TAPES WRITTEN IN BINARY. THERE ARE EIGHT RESTORED TAPES. THE DR TAPES ARE 3480 CARTRIDGES AND THE DS TAPES ARE 9-TRACK, 6250 BPI. THE ORIGINAL TAPES WERE CREATED ON A CDC 6600 COMPUTER AND WERE RESTORED ON THE MRS SYSTEM. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBERS AND TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR004857	DS004857	D011752	1-18	06/21/69 - 07/08/69
		D011753	19-36	07/08/69 - 07/24/69
		D011754	37-53	07/25/69 - 08/10/69
		D011755	54-71	08/10/69 - 08/27/69
		D011756	72-89	08/27/69 - 09/13/69
		D011757	90-107	09/13/69 - 09/30/69
		D011758	108-125	09/30/69 - 10/17/69
		D011759	126-142	10/17/69 - 11/02/69
DR004858	DS004858	D011760	1-18	11/01/69 - 11/19/69
		D011761	19-36	11/19/69 - 12/06/69
		D011762	37-54	12/06/69 - 12/23/69
		D011763	55-63	12/23/69 - 12/31/69
		D011764	64-74	01/01/70 - 01/09/70
		D011765	75-92	01/09/70 - 01/26/70
		D011766	93-109	01/26/70 - 02/11/70
		D011767	110-127	02/11/70 - 02/28/70
DR004859	DS004859	D011768	128-145	02/28/70 - 03/17/70
		D011769	1-18	03/17/70 - 04/03/70
		D011770	19-36	04/03/70 - 04/20/70
		D011771	37-53	04/20/70 - 05/06/70
DR004860	DS004860	D011772	54-71	05/06/70 - 05/23/70
		D011773	1-18	05/23/70 - 06/09/70
		D011774	19-36	06/09/70 - 06/26/70
		D011775	37-54	06/26/70 - 07/13/70
		D011776	55-72	07/13/70 - 07/29/70
		D011777	73-89	07/30/70 - 08/15/70
		D011778	90-107	08/15/70 - 09/01/70
		D011779	108-125	09/01/70 - 09/18/70
		D011780	126-143	09/18/70 - 10/05/70

69-053A-02A

DR#	DS#	D#	FILES	TIME SPAN
DR004861	DS004861	D011781	1-18	10/05/70 - 10/22/70
		D011782	19-35	10/22/70 - 11/07/70
		D011783	36-53	11/07/70 - 11/24/70
		D011784	54-71	11/24/70 - 12/11/70
		D011785	72-89	12/11/70 - 12/28/70
		D011786	90-106	12/28/70 - 01/14/71
		D011787	107-124	01/14/71 - 01/31/71
		D011788	125-141	01/31/71 - 02/16/71
DR004862	DS004862	D011789	1-18	02/16/71 - 03/05/71
		D011790	19-36	03/05/71 - 03/22/71
		D011791	37-54	03/22/71 - 04/08/71
		D011792	55-72	04/08/71 - 04/25/71
DR004863	DS004863	D011793	1-17	04/25/71 - 05/11/71
		D011794	18-34	05/12/71 - 05/28/71
		D011795	35-52	05/28/71 - 06/14/71
		D011796	53-70	06/14/71 - 07/01/71
		D011797	71-89	07/01/71 - 07/18/71
		D011798	90-107	07/18/71 - 08/04/71
DR004864	DS004864	D011799	1-17	08/04/71 - 08/20/71
		D011800	18-35	08/20/71 - 09/06/71
		D011801	36-53	09/06/71 - 09/23/71
		D011802	54-71	09/23/71 - 10/10/71
		D011803	72-89	10/10/71 - 10/27/71
		D011804	90-106	10/27/71 - 11/12/71
		D011805	107-124	02/01/72 - 02/18/72

REQ. AGENT
JCH

RASH NO.
RB3858

ACQ. AGENT
JJB

EXPLORER 41

69-053A-02A

This data set catalogue consists of Explorer 41 Ion chamber and G. M. Count data. The data set contains 54 experimenter - supplied tapes, which are seven track, 556 BPI, CDC 6600 format. The experimenter produced an output tape containing good data for each orbit, and then these output tapes were merged into 54 tapes, containing five orbits per reel. The tapes are multifile with two End-of-file marks to indicate the end of information. Each file contains the data from one 24 hour period. Tape format and dead time factors used in calculating the GM corrected counting rates are contained in Tables 1 and 2, which follow.

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-11752	C-09064	6/21/69 - 7/08/69
D-11753	C-09065	7/08/69 - 7/24/69
D-11754	C-09066	7/25/69 - 8/10/69
D-11755	C-09067	8/10/69 - 8/27/69
D-11756	C-09068	8/27/69 - 9/13/69
D-11757	C-09069	9/13/69 - 9/30/69
D-11758	C-09070	9/30/69 - 10/17/69
D-11759	C-09071	10/17/69 - 11/02/69
D-11760	C-09072	11/02/69 - 11/19/69
D-11761	C-09073	11/19/69 - 12/06/69
D-11762	C-09074	12/06/69 - 12/23/69
D-11763	C-09075	12/23/69 - 12/31/69
D-11764	C-09076	1/01/70 - 1/09/70
D-11765	C-09077	1/09/70 - 1/26/70
D-11766	C-09078	1/26/70 - 2/11/70
D-11767	C-09079	2/11/70 - 2/28/70
D-11768	C-09080	2/28/70 - 3/17/70

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-11769	C-09081	3/17/70 - 4/03/70
D-11770	C-09082	4/03/70 - 4/20/70
D-11771	C-09083	4/20/70 - 5/06/70
D-11772	C-09084	5/06/70 - 5/23/70
D-11773	C-09092	5/23/70 - 6/09/70
D-11774	C-09093	6/09/70 - 6/26/70
D-11775	C-09094	6/26/70 - 7/13/70
D-11776	C-09095	7/13/70 - 7/29/70
D-11777	C-09096	7/30/70 - 8/15/70
D-11778	C-09097	8/15/70 - 9/01/70
D-11779	C-09098	9/01/70 - 9/18/70
D-11780	C-09099	9/18/70 - 10/05/70
D-11781	C-09100	10/05/70 - 10/22/70
D-11782	C-09101	10/22/70 - 11/07/70
D-11783	C-09102	11/07/70 - 11/24/70
D-11784	C-09103	11/24/70 - 12/11/70
D-11785	C-09104	12/11/70 - 12/28/70
D-11786	C-09105	12/28/70 - 1/14/71
D-11787	C-09106	1/14/71 - 1/31/71
D-11788	C-09107	1/31/71 - 2/16/71
D-11789	C-09108	2/16/71 - 3/05/71
D-11790	C-09109	3/05/71 - 3/22/71
D-11791	C-09110	3/22/71 - 4/08/71
D-11792	C-09111	4/08/71 - 4/25/71
D-11793	C-09181	4/25/71 - 5/11/71
D-11794	C-09182	5/12/71 - 5/28/71
D-11795	C-09183	5/28/71 - 6/14/71
D-11796	C-09184	6/14/71 - 7/01/71
D-11797	C-09185	7/01/71 - 7/18/71

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-11798	C-09186	7/18/71 - 8/04/71
D-11799	C-09187	8/04/71 - 8/20/71
D-11800	C-09188	8/20/71 - 9/06/71
D-11801	C-09189	9/06/71 - 9/23/71
D-11802	C-09190	9/23/71 - 10/10/71
D-11803	C-09191	10/10/71 - 10/27/71
D-11804	C-09192	10/27/71 - 11/12/71
D-11805	C-09193	2/01/72 - 2/18/72

* Note - The only known data gap is from 11/12/71 to 02/01/72
(orbits 260 - 285).

Description of IMP-5 Magnetic Tapes Sent
To The National Space Sciences Data Center

This document describes the magnetic tapes supplied to the National Space Sciences Data Center which contain the reduced University of California Ion Chamber (SI) experiment for the IMP-5 (Explorer 41) mission. The reader is referred to the IMP-5 Final Report¹ for a complete description of the experiment.

The magnetic tapes supplied to the Data Center were produced by the CDC 6600 program S1EDIT written by G. Pitt and G. Sessler. The program in part checked the timing information for consistency, removed redundant data due to receiving station overlaps and calculated corrected counting rates for the GM detectors and counting rate for the Ion Chamber. An output tape containing the rates and refined trajectory data was produced for each orbit. These tapes were then merged so that five orbits were contained on one reel. The tapes were recorded at ⁵⁵⁶ bpi, in odd parity (binary), multiframe with two file marks to indicate the end of information. Each file contains the data from one 24 hour period. Table 1 describes the format in detail. Table 2 gives the dead time factors used in calculating the GM corrected counting rates.

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1. Final Technical Report on NASA grant NAS 5-9091, Energetic Particle Flux Experiment (IMP-F & G) January 28, 1965 - June 30, 1971, Space Sciences Laboratory Series 13 Issue 105, December 12, 1972.

Table 1

IMP-5 Edited Tape Format

<u>Word</u>		<u>Format</u>
1	Day	Integer
2	Time in Ms	I
3	Pseudo sequence count	I
4	ID or E_2 counting rate in CTS/sec	Floating point
5	ID or P_2 counting rate in CTS/sec	F
6	IC counting rate in CTS/sec	F
7	E_1 or E_3 counting rate in CTS/sec	F
8	P_1 or P_3 counting rate in CTS/sec	F
9	IC counting rate in CTS/sec	F
Words 10-108 repeat words 1-9 for a total of 12 sequences		
109	Orbit day	I
110	Ms of day	I
111	Geomagnetic latitude (MLAT)	F
112	Satellite distance in Km	F
113	X_{SE}	F
114	Y_{SE}	F
115	Z_{SE}	F
116	X_{SM}	F
117	Y_{SM}	F
118	Z_{SM}	F
119	McIlwain L parameter	F
120	Ecliptic Longitude (ELONG) in degrees	F
121	Solar Magnetospheric Latitude (SMLAT) in degrees	F

Notes

1. $ELONG = \tan^{-1} \frac{Y_{SE}}{X_{SE}}$
2. $SMLAT = \tan^{-1} \frac{Z_{SM}}{\sqrt{X_{SM}^2 + Y_{SM}^2}}$
3. ID is indicated by a word equal to -1 (floating point).
4. Missing data is indicated by a word of all bits on.
5. All words are in CDC 6000 series standard 60 bit integer or floating point format.

Table 2

Counter	Dead Time Factor (μs)
E1	75
E2	100
E3	110
P1	40
P2	95
P3	107

The formula for calculating the corrected counting rate is as follows:

$$R = \frac{R_o}{1 - \tau R_o}$$

where

R = corrected rate

R_o = uncorrected (raw) counting rate

τ = dead time factor for the counter in seconds

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	41	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	348	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	279	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	339	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	339	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	339	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	339	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	348	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	305	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	297	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	321	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	345	OF FILE NO.	12
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	341	OF FILE NO.	13
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	313	OF FILE NO.	14
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	264	OF FILE NO.	15
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	335	OF FILE NO.	16
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	316	OF FILE NO.	17
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	242	OF FILE NO.	18

INPUT TAPE HAS 1330.99 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

D 11767 - E.O.F. parity check
69-053A-02A

FILE 0001 REC 0001 CH 1212

D11752

69-053A-02A

June 21, 1969 - July 8, 1969

18 Files

(each file is 24 HRS
of data)

0001	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
0049	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
0097	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
0145	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
0193	000000020214	055300000000	000000067462	172143421771	005174271721	402333711343	076577777777	777777777777
0241	172354355170	273763101721	434222116531	030077777777	777777777777	000000000000	0000002540000	000000020221
0289	052200000000	000000067463	605737777777	777777776057	377777777777	777777777777	777777777777	172241072770
0337	232454141722	526332347537	316377777777	777777777777	000000000000	000002540000	000000020226	047000000000
0385	000000067464	172243426016	264145421722	417321003277	044077777777	777777777777	172453062115	215032501723
0433	531767210512	454777777777	777777777777	000000000000	000002540000	000000020233	043700000000	000000067465
0481	605737777777	777777776057	377777777777	777777777777	777777777777	172244261543	043472471721	620423761260
0529	212377777777	777777777777	000000000000	000002540000	000000020240	040600000000	000000067466	172241074572
0577	574472231721	770017007377	252377777777	777777777777	172454071310	723505271723	555320527422	033177777777
0625	777777777777	000000000000	000002540000	000000020245	035500000000	000000067467	605737777777	777777776057
0673	377777777777	777777777777	777777777777	172245755053	546170541721	667234603725	726777777777	777777777777
0721	000000000000	000002540000	000000020252	032300000000	000000067470	172170424616	034266161721	620467213352
0769	645577777777	777777777777	172375677407	401066201722	543367444614	311477777777	777777777777	000000000000
0817	000002540000	000000020257	027200000000	000000067471	605737777777	777777776057	377777777777	777777777777
0865	777777777777	172175304023	636517341721	451124163327	501377777777	777777777777	000000000000	000002540000
0913	000000020264	024100000000	000000067472	172166731305	331573541721	551650355420	400777777777	777777777777
0961	172373343114	577502251722	434264601041	325077777777	777777777777	000000000000	000002540000	000000020271
1009	021000000000	000000067473	605737777777	777777776057	377777777777	777777777777	777777777777	172463445561
1057	675435111724	721500100235	551577777777	777777777777	000000000000	000002540000	000000020202	063560513162
1105	245767777777	173554267026	300000006044	325123615777	777717224234	424350000000	604224503716	577777776044
1153	326123615777	777760443430	471357777777	604225434726	477777771724	607155145000	000017275476	255610262254
1201	605133341561	015153150000						

FILE 0001 REC 0002 CH 1212

0001	000000000000	000002540000	000000020276	015600000000	000000067474	172361560137	355147551723	661257540564
0049	116677777777	777777777777	172554244401	040123401725	404055440367	111677777777	777777777777	000000000000
0097	000002540000	000000020303	012500000000	000000067475	605737777777	777777776057	377777777777	777777777777
0145	777777777777	172252637322	452070311721	767727106001	342277777777	777777777777	000000000000	000002540000
0193	000000020310	007400000000	000000067476	172170424616	034266161721	652354344325	700577777777	777777777777
0241	172375677407	401066201723	446144376215	773177777777	777777777777	000000000000	000002540000	000000020315
0289	004300000000	000000067477	605737777777	777777776057	377777777777	777777777777	777777777777	172250306160
0337	550510141722	451142266134	640777777777	777777777777	000000000000	000002540000	000000020322	001100000000
0385	000000067500	172241074572	574472231722	417321003277	044077777777	777777777777	172541740051	313025631724
0433	446370643106	627777777777	777777777777	000000000000	000002540000	000000020326	770000000000	000000067501
0481	605737777777	777777776057	377777777777	777777777777	777777777777	172277010672	530732121721	704165100544
0529	270777777777	777777777777	000000000000	000002540000	000000020333	772700000000	000000067502	172170424615
0577	034266161721	603534700367	403177777777	777777777777	172446166461	104520541722	736305147544	004477777777
0625	777777777777	000000000000	000002540000	000000020340	767600000000	000000067503	605737777777	777777776057
0673	377777777777	777777777777	777777777777	172341100200	136301251722	727535276543	113177777777	777777777777
0721	000000000000	000002540000	000000020345	764500000000	000000067504	172277017160	403300661722	761577317030
0769	354077777777	777777777777	172451043656	576127321723	563704057246	144277777777	777777777777	000000000000
0817	000002540000	000000020352	761300000000	000000067505	605737777777	777777776057	377777777777	777777777777
0865	777777777777	172462267171	663641161724	713115154425	314377777777	777777777777	000000000000	000002540000
0913	000000020357	756200000000	000000067506	172473073765	164604721724	646424240152	503277777777	777777777777
0961	172743411440	62644271725	752711633002	420777777777	777777777777	000000000000	000002540000	000000020364
1009	753100000000	000000067507	605737777777	777777776057	377777777777	777777777777	777777777777	172555211456
1057	136746051726	625265644704	577577777777	777777777777	000000000000	000002540000	000000020276	015660513367
1105	363737777777	173561566336	000000006045	371316752777	777717307433	123320000000	604216364766	577777776045
1153	371316752777	777760443625	706127777777	604217122760	177777771724	465101077000	000017274664	463074226745
1201	605130331735	716522010000						

FILE 0001 REC 0003 CH 1212

0001	000000000000	000002540000	000000020371	750000000000	000000067510	172476763530	147605751724	723775563773
0049	441577777777	777777777777	172650706425	216444311725	540711162632	326177777777	777777777777	000000000000
0097	000002540000	000000020376	744600000000	000000067511	605737777777	777777776057	377777777777	777777777777
0145	777777777777	172673154365	051730401731	721073411704	050677777777	777777777777	000000000000	000002540000
0193	000000020403	741500000000	000000067512	173042616302	670253441727	641721202234	377477777777	777777777777
0241	173050116071	042603761727	423553557607	322677777777	777777777777	000000000000	000002540000	000000020410
0289	736400000000	000000067513	605737777777	777777776057	377777777777	777777777777	777777777777	172677074272
0337	214573511732	477300156565	546477777777	777777777777	000000000000	000002540000	000000020415	733300000000

FILE 0001 REC 0003 CH 1212

0385	000000067514	173041222771	122106131727	653773366173	521377777777	777777777777	777777777777	777777777777
0433	777777777777	777777777777	777777777777	000000000000	000000254000	000000000000	713400000000	000000067521
0481	605737777777	777777776057	377777777777	777777777777	777777777777	17275452572	362151011732	736340540174
0529	653177777777	777777777777	000000000000	000002540000	000000020453	710300000000	000000067522	173143623144
0577	503017761730	775124743110	371577777777	777777777777	173140617150	233572331730	415200160344	450177777777
0625	777777777777	000000000000	000002540000	000000020460	705200000000	000000067523	605737777777	777777776057
0673	377777777777	777777777777	777777777777	172766533064	516046721732	555213546535	135277777777	777777777777
0721	000000000000	000002540000	000000020465	702100000000	000000067524	173072147165	125374231730	555323053623
0765	453077777777	777777777777	173144537270	607216431730	476601054635	334517075467	052714453011	000000000000
0817	000002540000	000000020472	677000000000	000000067525	605737777777	777777776057	377777777777	777777777777
0865	777777777777	173044577372	440501411732	713540104207	174477777777	777777777777	000000000000	000002540000
0913	000000020477	673600000000	000000067526	173142672726	544474201730	657475350551	624777777777	777777777777
0961	173154364441	000744311730	613345237211	370377777777	777777777777	000000000000	000002540000	000000020504
1009	670500000000	000000067527	605737777777	777777776057	377777777777	777777777777	777777777777	173055435616
1057	310627341732	724216056260	510277777777	777777777777	000000000000	000002540000	000000020371	750060513603
1105	504067777777	173566462755	600000001727	513723676000	000017317070	442570000000	604211413717	077777771727
1153	513723676000	000060450073	637157777777	604211765403	077777771723	740240303000	000017264765	237654354172
1201	605127124433	001364730000						

FILE 0001 REC 0004 CH 1212

0001	000000000000	000002540000	000000020511	665400000000	000000067530	173145010425	167617231730	705243431777
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0097	000002540000	000000020516	662300000000	000000067531	605737777777	777777776057	377777777777	777777777777
0145	777777777777	173067154705	255257171733	416643041056	034577777777	777777777777	000000000000	000002540000
0193	000000020523	657100000000	000000067532	173150674257	101370111731	416120275272	567777777777	777777777777
0241	777777777777	777777777777	777777777777	777777777777	777777777777	000000000000	000002540000	000000020547
0289	642400000000	000000067536	173151523576	433355111731	411602022611	101217105410	723471506536	173177166305
0337	044714411731	440234214671	323277777777	777777777777	000000000000	000002540000	000000020554	637300000000
0385	000000067537	605737777777	777777776057	377777777777	777777777777	777777777777	173142125272	745513411732
0433	551573411026	170577777777	777777777777	000000000000	000002540000	000000020561	634200000000	000000067540
0481	173152765427	113126151730	762667655476	366077777777	777777777777	173247513614	614517071731	561270061246
0529	573077777777	777777777777	000000000000	000002540000	000000020566	631100000000	000000067541	605737777777
0577	777777776057	377777777777	777777777777	777777777777	173152602373	705761121732	612706642470	016077777777
0625	777777777777	000000000000	000002540000	000000020573	625700000000	000000067542	173161350620	724505041731
0673	440351723414	107377777777	777777777777	173257721774	605556671731	674143732560	042377777777	777777777777
0721	000000000000	000002540000	000000020600	622600000000	000000067543	605737777777	777777776057	377777777777
0765	777777777777	777777777777	173166406075	663413621732	724556010266	471477777777	777777777777	000000000000
0817	000002540000	000000020605	617500000000	000000067544	173172515042	032524001731	606073363305	571777777777
0865	777777777777	173276117513	532370341732	453011216023	074317107272	712432375570	000000000000	000002540000
0913	000000020612	614400000000	000000067545	605737777777	777777776057	377777777777	777777777777	777777777777
0961	173241000143	373507531732	777053755424	252677777777	777777777777	000000000000	000002540000	000000020617
1009	611200000000	000000067546	173240341352	365740621731	623176273714	747177777777	777777777777	173344614067
1057	234525171732	536002053164	111477777777	777777777777	000000000000	000002540000	000000020611	665460520117
1105	051647777777	173574545020	500000001732	650553272000	000017325472	705570000000	604203734206	077777771732
1153	650553272000	000060450674	450537777777	604204056602	077777771723	570015020000	000017255017	046633335171
1201	605127474323	242255670000						

FILE 0001 REC 0005 CH 1212

0001	000000000000	000002540000	000000020624	606100000000	000000067547	605737777777	777777776057	377777777777
0049	777777777777	777777777777	173247264205	351247161732	672427035550	173077777777	777777777777	000000000000
0097	000002540000	000000020631	603000000000	000000067550	173240001341	742062351731	574772642226	123677777777
0145	777777777777	173351617734	767263031732	616075127274	457177777777	777777777777	000000000000	000002540000
0193	000000020636	577700000000	000000067551	605737777777	777777776057	377777777777	777717115633	251651774022
0241	173255711376	216110551732	670317163402	355277777777	777777777777	000000000000	000002540000	000000020643
0289	574600000000	000000067552	173176300634	604110321731	566622715440	315477777777	777777777777	173356155625
0337	401627511732	676546444457	456077777777	777777777777	000000000000	000002540000	000000020650	571400000000
0385	000000067553	605737777777	777777776057	377777777777	777777777777	777777777777	173265521722	515507521732
0433	710617663774	623677777777	777777777777	000000000000	000002540000	000000020655	566300000000	000000067554
0481	173241467512	663671371731	627164245710	573277777777	777777777777	173366776175	277136761733	412473253021
0529	567777777777	777777777777	000000000000	000002540000	000000020662	563200000000	000000067555	605737777777
0577	777777776057	377777777777	777717115661	064463030150	173276071231	417310541732	753155106253	014177777777
0625	777777777777	000000000000	000002540000	000000020667	560100000000	000000067556	173246566776	263730021731
0673	742662331515	176577777777	777777777777	173376425720	345210671733	473021335212	727677777777	777777777777
0721	000000000000	000002540000	000000020674	554700000000	000000067557	605737777777	777777776057	377777777777

FILE 0001 REC 0005 CH 1212	0765	777777777777	777777777777	173345033356	464031271733	510644163002	312277777777	777777777777	000000000000
	0817	000002540000	000000020701	551600000000	000000067560	173253244613	314575371732	462562353532	725777777777
	0865	777777777777	173447266633	017150411733	603334377225	321677777777	777777777777	000000000000	000002540000
	0913	000000020706	546500000000	000000067561	605737777777	777777776057	377777777777	777717116313	267574545051
	0961	173355327143	517001211733	505266526026	504377777777	777777777777	000000000000	000002540000	000000020713
	1005	543400000000	000000067562	173265611620	243410471732	550237230036	454777777777	777777777777	173462351630
	1057	364675551733	750174765413	251377777777	777777777777	000000000000	000002540000	000000020624	606160520555
	1105	315667777777	173641265164	700000001733	622152544000	000017327476	131150000000	604137356572	477777771733
	1153	622152544000	000060451534	444357777777	604137313040	277777771723	475751101000	000017247635	457533272410
	1201	605131054607	165623000000						

FILE 0001 REC 0006 CH 1212	0001	000000000000	000002540000	000000020720	540200000000	000000067563	605737777777	777777776057	377777777777
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	0097	000002540000	000000020725	535100000000	000000067564	173341305352	717311621732	655262403430	524777777777
	0145	777777777777	173541150754	305363131734	473723250703	005117117071	552326555757	000000000000	000002540000
	0193	000000020732	532000000000	000000067565	605737777777	777777776057	377777777777	777777777777	777777777777
	0241	173441762162	641575131733	726112757243	006177777777	777777777777	000000000000	000002540000	000000020737
	0285	526700000000	000000067566	173354415570	147732771733	437413357713	662077777777	777777777777	173552234723
	0337	612331261734	616074771266	212177777777	777777777777	000000000000	000002540000	000000020744	523500000000
	0385	000000067567	605737777777	777777776057	377777777777	777777777777	777777777777	173445763427	270274571734
	0437	422415361275	504617124334	222335237472	000000000000	000002540000	000000020751	520400000000	000000067570
	0481	173363647122	201755631733	542265620007	027677777777	777777777777	173561501235	507576611734	710140727743
	0525	771377777777	777777777777	000000000000	000002540000	000000020756	515300000000	000000067571	605737777777
	0577	777777776057	377777777777	777777777777	777777777777	173446753647	525313711734	502121603400	477217125604
	0625	624440221202	000000000000	000002540000	000000020763	512200000000	000000067572	173371436414	233076711733
	0673	624027443434	417577777777	777777777777	173564433075	602272461734	746417622417	271177777777	777777777777
	0721	000000000000	000002540000	000000020770	507100000000	000000067573	605737777777	777777776057	377777777777
	0765	777777777777	777777777777	173450251111	055064301734	533466227331	476417126502	207236610761	000000000000
	0817	000002540000	000000020775	503700000000	000000067574	173374670650	410171711733	662740743277	130177777777
	0865	777777777777	173571045223	137567171735	406752476434	725577777777	777777777777	000000000000	000002540000
	0913	000000021002	500600000000	000000067575	605737777777	777777776057	377777777777	777777777777	777777777777
	0961	173454341517	630143621734	527631266154	261277777777	777777777777	000000000000	000002540000	000000021007
	1005	475500000000	000000067576	173376533350	486352471733	610610101407	436477777777	777777777777	173577574677
	1057	642340511735	445027472072	227177777777	777777777777	000000000000	000002540000	000000020720	540260521066
	1105	637667777777	173643556647	100000001734	424001613000	000017334457	325320000000	604135512735	277777771734
	1153	424001613000	000060452270	154027777777	604135351225	377777771723	441244204000	000017247004	257037662070
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FILE 0001 REC 0007 CH 1212	0001	000000000000	000002540000	000000021014	472400000000	000000067577	605737777777	777777776057	377777777777
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	0097	000002540000	000000021021	467200000000	000000067600	173441477563	102041351733	727170030715	364617134511
	0145	745424737630	173646115635	604141261735	527524321773	556177777777	777777777777	000000000000	000002540000
	0193	000000021026	464100000000	000000067601	605737777777	777777776057	377777777777	777777777777	777777777777
	0241	173477560271	616644411734	561332635174	200017135456	330254206557	000000000000	000002540000	000000021033
	0285	461000000000	000000067602	173450522553	237645021734	451205656627	236217136754	127424566416	173662453462
	0337	742773171735	675175704565	614377777777	777777777777	000000000000	000002540000	000000021040	455700000000
	0385	000000067603	605737777777	777777776057	377777777777	7777.7144053	676601665024	173546705735	553123131734
	0433	654625133601	476517144336	521264116717	000000000000	000002540000	000000021045	452500000000	000000067604
	0481	173456711703	467564741734	526216670535	264477777777	777777777777	173674043342	346230101735	773404525461
	0529	033417144510	427155264351	000000000000	000002540000	000000021052	447400000000	000000067605	605737777777
	0577	777777776057	377777777777	777717145200	363741612274	173552257727	343645271734	642472676501	223017145666
	0625	676272065406	000000000000	000002540000	000000021057	444300000000	000000067606	173460737503	471537651734
	0673	530717612445	012517145754	347002172043	173675021624	337453701736	404342370724	722517146052	127776620317
	0721	000000000000	000002540000	000000021064	441200000000	000000067607	605737777777	777777776057	377777777777
	0765	777717146421	530426656667	173553126066	071436741734	667402141447	154017146703	545427611324	000000000000
	0817	000002540000	000000021071	436000000000	000000067610	173457237123	173714671734	532632344774	735717146665
	0865	454624340607	173677215260	014234171736	413214341767	626517147164	437515072236	000000000000	000002540000
	0913	000000021076	432700000000	000000067611	605737777777	777777776057	377777777777	777717144004	615624431106
	0961	173561421566	731633461734	653530635501	517217147470	141414141414	000000000000	000002540000	000000021103
	1005	427600000000	000000067612	173456150672	143274221734	512202160556	470417147622	102644674143	173742220643
	1057	336352111736	440615475745	402017154326	720313015041	000000000000	000002540000	000000021014	472460521376
	1105	576577777777	173646233224	300000001734	546200505000	000017335342	627360000000	604133615474	377777771734

FILE 0001 REC 0001 CF 1212

D-11805

69-053A-02A

Feb 1, 1972--

Feb. 18, 1972

18 Files

(EACH FILE IS
24 HRS. OF DATA)

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0097	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777
0145	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777
0193	000000036535	165400000000	000000000002	605737777777	777777776057	377777777777	777777777777	777777777777
0241	172254332716	425567451720	667215243457	770277777777	777777777777	000000000000	000000400000	000000036542
0289	162300000000	000000000003	172245757310	356324631721	736130242330	357777777777	777777777777	172341105125
0337	664326171722	551746633065	327277777777	777777777777	000000000000	000000400000	000000036547	157200000000
0385	000000000004	605737777777	777777776057	377777777777	777777777777	777777777777	172252637322	452070311721
0433	402315147415	566777777777	777777777777	000000000000	000000400000	000000036554	154000000000	000000000005
0481	172160353770	342770021721	566602466404	304777777777	777777777777	172274467333	713317261722	410751662561
0529	753077777777	777777777777	000000000000	000000400000	000000036561	150700000000	000000000006	605737777777
0577	777777776057	377777777777	777777777777	777777777777	172252001531	324250331721	551613524757	444077777777
0625	777777777777	000000000000	000000400000	000000036566	145600000000	000000000007	172175307033	213573601721
0673	753063464347	761377777777	777777777777	172343120502	140177601721	620476763565	064777777777	777777777777
0721	000000000000	000000400000	000000036573	142500000000	000000000010	605737777777	777777776057	377777777777
0769	777777777777	777777777777	172242566247	212376551720	466044241131	775577777777	777777777777	000000000000
0817	000000400000	000000036600	137400000000	000000000011	172162047236	667453001721	517764436442	475677777777
0865	777777777777	172343756661	160150251722	425706302247	136577777777	777777777777	000000000000	000000400000
0913	000000036605	134200000000	000000000012	605737777777	777777776057	377777777777	777777777777	777777777777
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1009	131100000000	000000000013	172241074572	574472231721	603534700367	403177777777	777777777777	172342262334
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1105	062677777777	173561321532	200000001733	641235041000	000060443570	344757777777	604221074333	777777771733
1153	641235041000	000017327351	450120000000	604220737002	577777771724	740141142000	000060523664	015351021225
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FILE 0001 REC 0002 CF 1212

0001	000000000000	000000400000	000000036617	126000000000	000000000014	605737777777	777777776057	377777777777
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0097	000000400000	000000036624	122700000000	000000000015	172166731305	331573541721	667307162317	415577777777
0145	777777777777	172264412725	626551741722	402373541665	577277777777	777777777777	000000000000	000000400000
0193	000000036631	117500000000	000000000016	605737777777	777777776057	377777777777	777777777777	777777777777
0241	172143420763	643021431720	466044241131	775577777777	777777777777	000000000000	000000400000	000000036636
0289	114400000000	000000000017	172175307033	213573601721	402333711343	076577777777	777777777777	172262060743
0337	011036701722	434264601041	325077777777	777777777777	000000000000	000000400000	000000036643	111300000000
0385	000000000020	605737777777	777777776057	377777777777	777777777777	777777777777	172163540407	321637671720
0433	434166021455	241777777777	777777777777	000000000000	000000400000	000000036550	106200000000	000000000021
0481	172240236774	606634361721	517704436442	475677777777	777777777777	172345772360	026753541721	753077133756
0529	141177777777	777777777777	000000000000	000000400000	000000036655	103100000000	000000000022	605737777777
0577	777777776057	377777777777	777777777777	777777777777	172245755053	546170541720	603457630101	240377777777
0625	777777777777	000000000000	000000400000	000000036662	077700000000	000000000023	172177002406	076374501721
0673	652354344325	700577777777	777777777777	172340247007	640355071721	652365132163	366777777777	777777777777
0721	000000000000	000000400000	000000036667	074600000000	000000000024	605737777777	777777776057	377777777777
0769	777777777777	777777777777	172172115366	012200201717	466040360143	557177777777	777777777777	000000000000
0817	000000400000	000000036674	071500000000	000000000025	172156660532	451435131721	417265012377	442277777777
0865	777777777777	172267603006	065772211721	566611262073	762677777777	777777777777	000000000000	000000400000
0913	000000036701	066400000000	000000000026	605737777777	777777776057	377777777777	777777777777	777777777777
0961	172166726761	706126171720	402307670545	474677777777	777777777777	000000000000	000000400000	000000036706
1009	063300000000	000000000027	172165236005	262650711721	551650355420	400777777777	777777777777	172264412725
1057	626551741721	517771764642	671777777777	777777777777	000000000000	000000400000	000000036617	126060513140
1105	124717777777	173565466217	700000001733	410063402000	000060451575	612207777777	604213320072	077777771733
1153	410063402000	000017335660	734760000000	604214257246	277777771725	426750647000	000060523266	035630337776
1201	605132574014	375162200000						

FILE 0001 REC 0003 CF 1212

0001	000000000000	000000400000	000000036713	060100000000	000000000030	605737777777	777777776057	377777777777
0045	777777777777	777777777777	172241072770	232454141720	434166021455	241777777777	777777777777	000000000000
0097	000000400000	000000036720	055000000000	000000000031	172162047236	667453001721	620467213352	645577777777
0145	777777777777	172347147713	501253501721	603544056240	372677777777	777777777777	000000000000	000000400000
0193	000000036725	051700000000	000000000032	605737777777	777777776057	377777777777	777777777777	777777777777
0241	172243424003	441705731720	466044241131	775577777777	777777777777	000000000000	000000400000	000000036732
0289	046600000000	000000000033	172160353770	342770021720	667242430243	305577777777	777777777777	172341105125
0337	664326171721	770033153157	247377777777	777777777777	000000000000	000000400000	000000036737	043500000000

FILE 0001 REC 0003 CF 1212

0385	000000000034	605737777777	777777776057	377777777777	777777777777	777777777777	172175304023	636517341720
0433	603457630101	240377777777	777777777777	000000000000	000000400000	000000036744	040300000000	000000000035
0481	172165236005	262650711722	434254773005	607577777777	777777777777	172340566055	517163351722	417330050154
0529	715677777777	777777777777	000000000000	000000400000	000000036751	035200000000	000000000036	605737777777
0577	777777776057	377777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777
0625	777777777777	000000000000	000000400000	000000036756	032100000000	000000000037	172162047236	667453011721
0673	770017007377	252377777777	777777777777	172342262334	452767171721	770033153157	247377777777	777777777777
0721	000000000000	000000400000	000000036763	027000000000	000000000040	605737777777	777777776057	377777777777
0769	777777777777	777777777777	172175304023	636517341721	652304342275	675577777777	777777777777	000000000000
0817	000000400000	000000036770	023700000000	010000000041	172175307033	213573601721	721175121317	673077777777
0865	777777777777	172346630600	046666331721	667320373237	533077777777	777777777777	000000000000	000000400000
0913	000000036775	020500000000	000000000042	605737777777	777777776057	377777777777	777777777777	777777777777
0961	172252637322	452070311722	660716445714	371677777777	777777777777	000000000000	000000400000	000000037002
1009	015400000000	000000000043	172242570203	423174661721	736130242330	357777777777	777777777777	172341743255
1057	242203431722	425706302247	136577777777	777777777777	000000000000	000000400000	000000036713	060160513270
1105	130067777777	173571477145	500000001731	737753617000	000060453721	377367777777	604206512422	277777771731
1153	737753617000	000017337604	435720000000	604210504240	777777771724	714362725000	000060522040	437305521561
1201	605137025504	175452620000						

FILE 0001 REC 0004 CF 1212

0001	000000000000	000000400000	000000037007	012300000000	000000000044	605737777777	777777776057	377777777777
0049	777777777777	777777777777	172166726761	706126171721	503003656617	172377777777	777777777777	000000000000
0097	000000400000	000000037014	007200000000	000000000045	172241732375	000571611721	620467213352	645577777777
0145	777777777777	172346630600	046666331721	770033153157	247377777777	777777777777	000000000000	000000400000
0193	000000037021	004100000000	000000000046	605737777777	777777776057	377777777777	777777777777	777777777777
0241	172162045233	625260431721	566543555572	147777777777	777777777777	000000000000	000000400000	000000037026
0289	000700000000	000000000047	172166731305	331573541721	770017007377	252377777777	777777777777	172270441035
0337	753262451722	410751562561	753077777777	777777777777	000000000000	000000400000	000000037032	775600000000
0385	000000000050	605737777777	777777776057	377777777777	777777777777	777777777777	172165233571	342037531720
0433	752753211672	552077777777	777777777777	000000000000	000000400000	000000037037	772500000000	000000000051
0481	172160353770	342770021721	753063464347	761377777777	777777777777	172344515051	533125651721	736143225746
0529	676377777777	777777777777	000000000000	000000400000	000000037044	767400000000	000000000052	605737777777
0577	777777776057	377777777777	777777777777	777777777777	172165233571	342037531721	402315147415	566777777777
0625	777777777777	000000000000	000000400000	000000037051	764300000000	000000000053	172172120137	172634351721
0673	366502465404	304777777777	777777777777	172275325420	011651111721	667320373237	533077777777	777777777777
0721	000000000000	000000400000	000000037056	761100000000	000000000054	605737777777	777777776057	377777777777
0769	777777777777	777777777777	172166726761	706126171721	517733565372	203777777777	777777777777	000000000000
0817	000000400000	000000037063	756000000000	000000000055	172175307033	213573601721	534716345432	714577777777
0865	777777777777	172276163510	664555741722	417330050154	715677777777	777777777777	000000000000	000000400000
0913	000000037070	752700000000	000000000056	605737777777	777777776057	377777777777	777777777777	777777777777
0961	172170422160	576151531721	417244645362	075777777777	777777777777	000000000000	000000400000	000000037075
1009	747600000000	000000000057	172244263635	343525601721	451147517440	114577777777	777777777777	172277657710
1057	520135261722	410751662561	753077777777	777777777777	000000000000	000000400000	000000037007	012360513471
1105	430277777777	173576160406	500000000047	252664701777	777760471371	503527777777	604201643200	077777776047
1153	252664701777	777717344731	334640000000	604204777462	277777771724	526153347000	000060503753	145570420316
1201	605137200426	352776530000						

FILE 0001 REC 0005 CF 1212

0001	000000000000	000000400000	000000037102	744500000000	000000000060	605737777777	777777776057	377777777777
0049	777777777777	777777777777	172155163577	325707711721	620423761260	212377777777	777777777777	000000000000
0097	000000400000	000000037107	741300000000	000000000061	172163542515	647371771721	667307162317	415577777777
0145	777777777777	172344615051	533125651721	652365132163	366777777777	777777777777	000000000000	000000400000
0193	000000037114	736200000000	000000000062	605737777777	777777776057	377777777777	777777777777	777777777777
0241	172163540407	321637671721	402315147415	566777777777	777777777777	000000000000	000000400000	000000037121
0289	733100000000	000000000063	172146610305	435267711721	434216214423	456177777777	777777777777	172262716731
0337	714653471721	704253745500	651577777777	777777777777	000000000000	000000400000	000000037126	730000000000
0385	000000000064	605737777777	777777776057	377777777777	777777777777	777777777777	172173610601	552300061720
0433	667215243457	770277777777	777777777777	000000000000	000000400000	000000037133	724600000000	000000000065
0481	172175307033	213573601721	721175121317	673077777777	777777777777	172273631254	371267311721	736143225746
0529	676377777777	777777777777	000000000000	000000400000	000000037140	721500000000	000000000066	605737777777
0577	777777776057	377777777777	777777777777	777777777777	172252001531	324250331720	667215243457	770277777777
0625	777777777777	000000000000	000000400000	000000037145	716400000000	000000000067	172254336037	553212771722
0673	511460735754	505777777777	777777777777	172354355170	273763101722	644123065020	771377777777	777777777777
0721	000000000000	000000400000	000000037152	713300000000	000000000070	605737777777	777777776057	377777777777

FILE 0001 REC 0005 CH 1212

0765	777777777777	777777777777	172241072770	232454141721	566543555572	147777777777	777777777777	000000000000
0817	000000400000	000000037157	710200000000	000000000071	172274465050	232254561723	414220565616	216677777777
0865	777777777777	172364117032	403436161722	644123065020	771377777777	777777777777	000000000000	000000400000
0913	000000037164	705000000000	000000000072	605737777777	777777776057	377777777777	777777777777	777777777777
0961	172274457150	070042631720	752753211672	562077777777	777777777777	000000000000	000000400000	000000037171
1005	701700000000	000000000073	172247453004	464011621722	520037356126	767077777777	777777777777	172344275754
1057	212224131722	770207776363	670677777777	777777777777	000000000000	000000400000	000000037102	744560513654
1105	632777777777	173641117601	000000006045	214167654777	777717274344	237160000000	604136762572	577777776045
1153	214167654777	777717345644	537600000000	604202137522	777777771724	420215667000	000017275350	435221566230
1201	605135470210	227604100000						

FILE 0001 REC 0006 CH 1212

0001	000000000000	000000400000	000000037176	676600000000	000000000074	605737777777	777777776057	377777777777
0045	777777777777	777777777777	172247450401	122521631720	551601144343	517277777777	777777777777	000000000000
0097	000000400000	000000037203	673500000000	000000000075	172240236774	606634361722	402365215617	602277777777
0145	777777777777	172341424200	320052041722	566705365537	507077777777	777777777777	000000000000	000000400000
0193	000000037210	670400000000	000000000076	605737777777	777777776057	377777777777	777777777777	777777777777
0241	172241730516	135321641717	721063455005	100677777777	777777777777	000000000000	000000400000	000000037215
0285	665200000000	000000000077	172175307033	213573601721	566602466404	304777777777	777777777777	172350325274
0337	333301751722	566705365537	507077777777	777777777777	000000000000	700000400000	000000037222	662100000000
0385	000000000100	605737777777	777777776057	377777777777	777777777777	777777777777	172242566247	212376551720
0433	603457630101	240377777777	777777777777	000000000000	000000400000	000000037227	657000000000	000000000101
0481	172160353770	342770021721	503032630446	552377777777	777777777777	172354305170	273763101722	551746633065
0525	327277777777	777777777777	000000000000	000000400000	000000037234	653700000000	000000000102	605737777777
0577	777777776057	377777777777	777777777777	777777777777	172265242435	576171611721	635354134134	026577777777
0625	777777777777	000000000000	000000400000	000000037241	650600000000	000000000103	172262057254	567555231722
0673	667420470750	705777777777	777777777777	172355531705	106363621723	405655330216	235577777777	777777777777
0721	000000000000	000000400000	000000037246	645400000000	000000000104	605737777777	777777776057	377777777777
0765	777777777777	777777777777	172252637322	452070311721	635354134134	026577777777	777777777777	000000000000
0817	000000400000	000000037253	642300000000	000000000105	172271275003	765773021722	503102356214	344577777777
0865	777777777777	172371006747	003264771723	411045757753	604477777777	777777777777	000000000000	000000400000
0913	000000037260	637200000000	000000000106	605737777777	777777776057	377777777777	777777777777	777777777777
0961	172255170521	253515011722	575147003072	711677777777	777777777777	000000000000	000000400000	000000037265
1005	634100000000	000000000107	172255173735	676621011722	566667772305	135777777777	777777777777	172372165017
1057	202105501723	426010406032	761077777777	777777777777	000000000000	000000400000	000000037176	67660520063
1105	440677777777	173643151302	100000006044	267607206777	777717315363	235500000000	604135145153	177777776044
1153	267607206777	777717346543	717340000000	604137662001	777777771723	705557236000	000017275120	715320173454
1201	605137011026	035443520000						

FILE 0001 REC 0007 CH 1212

0001	000000000000	000000400000	000000037272	631000000000	000000000110	605737777777	777777776057	377777777777
0045	777777777777	777777777777	172277646607	220301461722	727535276543	115177777777	777777777777	000000000000
0097	000000400000	000000037277	625600000000	000000000111	172340564557	501541101722	644102120463	622177777777
0145	777777777777	172370150202	516357061722	603644342656	102477777777	777777777777	000000000000	000000400000
0193	000000037304	622500000000	000000000112	605737777777	777777776057	377777777777	777777777777	777777777777
0241	172342574074	556263371722	767777613534	123077777777	777777777777	000000000000	000000400000	000000037311
0285	617400000000	000000000113	172265247066	726762441722	520037356126	767077777777	777777777777	172356710447
0337	106343131722	761627141621	440277777777	777777777777	000000000000	000000400000	000000037316	614300000000
0385	000000000114	605737777777	777777776057	377777777777	777777777777	777777777777	172265242435	576171611723
0433	414121327315	154377777777	777777777777	000000000000	000000400000	000000037323	611200000000	000000000115
0481	172264411115	747271211722	744637164446	410377777777	777777777777	172371645524	637501311723	402464722734
0525	307277777777	777777777777	000000000000	000000400000	000000037330	606000000000	000000000116	605737777777
0577	777777776057	377777777777	777777777777	777777777777	172254332716	425567451722	612100571555	541677777777
0625	777777777777	000000000000	000000400000	000000037335	602700000000	000000000117	172252642260	161725001722
0673	727677234213	160477777777	777777777777	172362102476	742173621722	551746633065	327277777777	777777777777
0721	000000000000	000000400000	000000037342	577600000000	000000000120	605737777777	777777776057	377777777777
0765	777777777777	777777777777	172262053245	362763351722	442565701204	654577777777	777777777777	000000000000
0817	000000400000	000000037347	574500000000	000000000121	172256667547	023635101722	417321003277	044077777777
0865	777777777777	172360405440	124255451722	661063043204	603377777777	777777777777	000000000000	000000400000
0913	000000037354	571400000000	000000000122	605737777777	777777776057	377777777777	777777777777	777777777777
0961	172250306160	550510161721	752776433527	570277777777	777777777777	000000000000	000000400000	000000037361
1005	566200000000	000000000123	172253500145	647002241722	474524037065	736477777777	777777777777	172356371256
1057	616526371722	721344170217	254077777777	777777777777	000000000000	000000400000	000000037272	631060520375
1105	460137777777	173645200534	400000006044	052553214777	777717324721	455720000000	604133437135	777777776044
1153	052553214777	777717347427	321500000000	604136574020	777777771723	611357522000	000017275027	670745246076
1201	605200612615	753032350000						

0913	000000026357	631400000000	000000604201	173463153414	304042631734	471001753352	151077777777	777777777777
0961	173146346325	673567361721	667320373237	533077777777	777777777777	000000000000	000000610000	000000026364
1009	626200000000	000000604202	605737777777	777777776057	377777777777	777777777777	777777777777	173450526131
1057	040725111737	430430401052	543077777777	777777777777	000000000000	000000610000	000000026270	674160542004
1105	374357777777	173543332714	400000001734	623253217000	000060431621	311367777777	605034643610	077777771734
1153	623253217000	000060431723	020477777777	604527451265	177777771720	614207412000	000060522331	157121532100
1201	605437140600	503724250000						

FILE 0001 REC 0013 CH 1212

0001	000000000000	000000610000	000000026371	623100000000	000000604203	173473231410	551266161734	501400043173
0049	052377777777	777777777777	173270654241	124016161720	635365322642	661177777777	777777777777	000000000000
0097	000000610000	000000026376	620000000000	000000604204	605737777777	777777776057	377777777777	777777777777
0145	777777777777	173466402613	626713271737	502656645264	175477777777	777777777777	000000000000	000000610000
0193	000000026403	614700000000	000000604205	173541526341	155754301734	462761037647	433677777777	777777777777
0241	173360431715	264401751720	603503734035	352477777777	777777777777	000000000000	000000610000	000000026410
0289	611600000000	000000604206	605737777777	777777776057	377777777777	777777777777	777777777777	173546456133
0337	344505111737	523430340051	356477777777	777777777777	000000000000	000000610000	000000026415	606400000000
0385	000000604207	173545507420	056243161734	470627003011	542777777777	777777777777	173443272467	410723711721
0433	603544056240	372677777777	777777777777	000000000000	000000610000	000000026422	603300000000	000000604210
0481	605737777777	777777776057	377777777777	777777777777	777777777777	173571601001	545677111737	500443743261
0529	154777777777	777777777777	000000000000	000000610000	000000026427	600200000000	000000604211	173551437206
0577	307664441734	546335740766	022277777777	777777777777	173470175466	561760731725	410117076270	105077777777
0625	777777777777	000000000000	000000610000	000000026434	575100000000	000000604212	605737777777	777777776057
0673	377777777777	777777777777	777777777777	173667037113	251521241737	410344734713	373677777777	777777777777
0721	000000000000	000000610000	000000026441	572000000000	000000604213	173553516360	136636131734	666521137651
0769	514277777777	777777777777	173557207655	135045721730	535470617100	571177777777	777777777777	000000000000
0817	000000610000	000000026446	566600000000	000000604214	605737777777	777777776057	377777777777	777777777777
0865	777777777777	173770530415	647061371736	561775702322	006677777777	777777777777	000000000000	000000610000
0913	000000026453	563500000000	000000604215	173547007433	041462011735	425560521620	523677777777	777777777777
0961	173654113774	430467671732	764741401374	514777777777	777777777777	000000000000	000000610000	000000026460
1009	560400000000	000000604216	605737777777	777777776057	377777777777	777777777777	777 77777777	174051361636
1057	701731361735	717701147205	151077777777	777777777777	000000000000	000000610000	000000026371	623160530604
1105	456117777777	173543545277	300000001734	601212251000	000060432011	473007777777	604424000762	777777771734
1153	601212251000	000060432500	726517777777	604403113664	377777771720	744063403000	000060522313	634622271155
1201	605315416141	527166320000						

FILE 0001 REC 0014 CH 1212

0001	000000000000	000000610000	000000026465	555300000000	000000604217	173474725051	475614401735	446167336701
0049	677577777777	777777777777	173571662621	120754451734	526515364570	445077777777	777777777777	000000000000
0097	000000610000	000000026472	552200000000	000000604220	605737777777	777777776057	377777777777	777777777777
0145	777777777777	173760054505	773142011735	551377167744	763477777777	777777777777	000000000000	000000610000
0193	000000026477	547000000000	000000604221	173463763511	331131751735	426001175701	575377777777	777777777777
0241	173674743263	307466131734	657305561127	023777777777	777777777777	000000000000	000000610000	000000026504
0289	543700000000	000000604222	605737777777	777777776057	377777777777	777777777777	777777777777	173754720200
0337	325457271735	604140532104	415777777777	777777777777	000000000000	000000610000	000000026511	540600000000
0385	000000604227	173467732717	063072261735	441351663131	245277777777	777777777777	173673514557	305504111734
0433	541556316520	410677777777	777777777777	000000000000	000000610000	000000026516	535500000000	000000604224
0481	605737777777	777777776057	377777777777	777777777777	777777777777	174044716775	672535331735	675466176236
0529	437377777777	777777777777	000000000000	000000610000	000000026523	532400000000	000000604225	173540631075
0577	571424541735	446553011353	515677777777	777777777777	173671642051	250222401734	522332703177	432377777777
0625	777777777777	000000000000	000000610000	000000026530	527200000000	000000604226	605737777777	777777776057
0673	377777777777	777777777777	777777777777	173773357062	772414111735	630104032352	734177777777	777777777777
0721	000000000000	000000610000	000000026535	524100000000	000000604227	173472077051	524546221735	440660547347
0769	003277777777	777777777777	173671200632	276060021734	424507016563	437677777777	777777777777	000000000000
0817	000000610000	000000026542	521000000000	000000604230	605737777777	777777776057	377777777777	777777777777
0865	777777777777	174064112373	234200321735	710046164143	200077777777	777777777777	000000000000	000000610000
0913	000000026547	515700000000	000000604231	173544651674	624160721735	444726730573	032377777777	777777777777
0961	173654144264	703137541732	731776237731	452077777777	777777777777	000000000000	000000610000	000000026554
1009	512600000000	000000604232	605737777777	777777776057	377777777777	777777777777	777777777777	174045560052
1057	361571361736	412316746574	070277777777	777777777777	000000000000	000000610000	000000026465	555360522557
1105	140267777777	173544775074	700000001734	545243032000	000060432324	470627777777	604331424754	277777771734
1153	545243032000	000060433320	434407777777	604321714512	577777771721	521030204000	000060522277	355615004236
1201	605231342067	073663730000						

FILE 0001 REC 0015 CH 1212

0001	000000000000	000000610000	000000026561	507400000000	000000604233	173551702172	671365551735	433464052161
0049	647577777777	777777777777	173645671730	122703241732	524313607123	756677777777	777777777777	000000000000

FILE 0001 REC 0015 CF 1212

0097	000000610000	000000026566	504300000000	000000604234	605737777777	777777776057	377777777777	777777777777
0145	777777777777	174040106574	511604661735	772251233114	271477777777	777777777777	000000000000	000000610000
0193	000000026573	501200000000	000000604235	173552470415	614254451735	442711554121	654277777777	777777777777
0241	173654570425	777572361733	461764661432	506377777777	777777777777	000000000000	000000610000	000000026600
0285	476100000000	000000604236	605737777777	777777776057	377777777777	777777777777	777777777777	174064024221
0337	507635461735	736263632133	306777777777	777777777777	000000000000	000000610000	000000026605	473000000000
0385	000000604237	173550307676	233771151735	445240027264	732577777777	777777777777	173662737575	444713241733
0431	762057537701	322777777777	777777777777	000000000000	000000610000	000000026612	467600000000	000000604240
0481	605737777777	777777776057	377777777777	777777777777	777777777777	174147004304	355013501735	576553246013
0525	026477777777	777777777777	000000000000	000000610000	000000026617	464500000000	000000604241	173543264251
0577	103516051735	424714476775	263277777777	777777777777	173673755365	004422731734	664337235575	744177777777
0625	777777777777	000000000000	000000610000	000000026624	461400000000	000000604242	605737777777	777777776057
0673	377777777777	777777777777	777777777777	174063356024	547761721735	433656770650	254177777777	777777777777
0721	000000000000	000000610000	000000026631	456300000000	000000604243	173466531426	223723261734	720521205552
0765	674677777777	777777777777	173741322511	367000111735	511450457146	146077777777	777777777777	000000000000
0817	000000610000	000000026636	453200000000	000000604244	605737777777	777777776057	377777777777	777777777777
0865	777777777777	173754720200	325457271734	656606037723	155477777777	777777777777	000000000000	000000610000
0913	000000026643	450000000000	000000604245	173451654650	432607241734	551375034402	314777777777	777777777777
0961	173677215260	014234171735	662725275603	204577777777	777777777777	000000000000	000000610000	000000026650
1005	444700000000	000000604246	605737777777	777777776057	377777777777	777777777777	777777777777	173660020143
1057	377160651734	651713144136	547477777777	777777777777	000000000000	000000610000	000000026561	507460521151
1105	154347777777	173547100317	700000001734	477423021000	000060432756	246027777777	604312101655	777777771734
1153	477423021000	000060440512	557467777777	604303405464	277777771722	422017370000	000060522260	570125474752
1201	605215265307	426600530000						

FILE 0001 REC 0016 CF 1212

0001	000000000000	000000610000	000000026655	441600000000	000000604247	173443345174	601320761734	461332746313
0045	405777777777	777777777777	173664416647	633710341735	704074313562	603077777777	777777777777	000000000000
0097	000000610000	000000026662	436500000000	000000604250	605737777777	777777776057	377777777777	777777777777
0145	777777777777	173555141135	440426011734	507762031506	733577777777	777777777777	000000000000	000000610000
0193	000000026667	433300000000	000000604251	173365360434	272715401733	650772665322	706677777777	777777777777
0241	173645675401	224175061735	570004734147	600777777777	777777777777	000000000000	000000610000	000000026674
0285	430200000000	000000604252	605737777777	777777776057	377777777777	777777777777	777777777777	173473451522
0337	746044371733	772056332011	636677777777	777777777777	000000000000	000000610000	000000026701	425100000000
0385	000000604253	173347033165	474654011733	465574321164	573577777777	777777777777	173551775154	044701261734
0433	726325014377	050677777777	777777777777	000000000000	000000610000	000000026706	422000000000	000000604254
0481	605737777777	777777776057	377777777777	777777777777	777777777777	173367315750	324372041733	603053447233
0525	522677777777	777777777777	000000000000	000000610000	000000026713	415700000000	000000604255	173255667517
0577	324222751732	552666725701	160777777777	777777777777	173444425205	665446001733	673525343255	114677777777
0625	777777777777	000000000000	000000610000	000000026720	413500000000	000000604256	605737777777	777777776057
0673	377777777777	777777777777	777777777777	173172376206	377650131732	536706331441	272577777777	777777777777
0721	000000000000	000000610000	000000026725	410400000000	000000604257	173145004725	743021331731	437747151551
0765	013077777777	777777777777	173251744105	234465451732	406027632421	462277777777	777777777777	000000000000
0817	000000610000	000000026732	405300000000	000000604260	605737777777	777777776057	377777777777	777777777777
0865	777777777777	173044632365	670403531731	425154560145	070377777777	777777777777	000000000000	000000610000
0913	000000026737	402200000000	000000604261	172754262714	631414341727	462777622225	473377777777	777777777777
0961	173140200350	761340261731	540337133333	441277777777	777777777777	000000000000	000000610000	000000026744
1005	377100000000	000000604262	605737777777	777777776057	377777777777	777777777777	777777777777	172670373144
1057	010600761730	46144040046	703577777777	777777777777	000000000000	000000610000	000000026655	441660513741
1105	144537777777	173551725472	600000001734	422217651000	000060433504	315117777777	604235765473	177777771734
1153	422217651000	000060442525	031657777777	604233215456	177777771723	405777121000	000060522235	614543406577
1201	605202632642	563443360000						

FILE 0001 REC 0017 CF 1212

0001	000000000000	000000610000	000000026751	373700000000	000000604263	172660317564	064327361726	460766675704
0045	445477777777	777777777777	172774125240	614053421727	475452033042	650377777777	777777777777	000000000000
0097	000000610000	000000026756	370600000000	000000604264	605737777777	777777776057	377777777777	777777777777
0145	777777777777	172555615571	452004261726	432457043610	362777777777	777777777777	000000000000	000000610000
0193	000000026763	365500000000	000000604265	172474423616	064513541724	555602120426	017177777777	777777777777
0241	172661044371	433261311725	723775346356	515777777777	777777777777	000000000000	000000610000	000000026770
0285	362400000000	000000604266	605737777777	777777776057	377777777777	777777777777	777777777777	172470170340
0337	023575601724	555227003434	634077777777	777777777777	000000000000	000000610000	000000026775	357300000000
0385	000000604267	172375353213	747275441723	644310306360	511077777777	777777777777	17264710407	376061441725
0433	512710712115	145177777777	777777777777	000000000000	000000610000	000000027002	354100000000	000000604270
0481	605737777777	777777776057	377777777777	777777777777	777777777777	172470170340	023575601724	461343402227
0525	175177777777	777777777777	000000000000	000000610000	000000027007	351000000000	000000604271	172366447065

0577	753175251723	523356224641	420777777777	777777777777	172577477442	167747721725	447703013421	625677777777
0625	777777777777	000000000000	000000610000	000000027014	345700000000	000000604272	605737777777	777777776057
0673	377777777777	777777777777	777777777777	172454047761	031466551723	652433574116	255777777777	777777777777
0721	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777
0765	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777
0817	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777
0865	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777
0913	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777
0961	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777
1009	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777
1057	777777777777	777777777777	777777777777	777777777777	000000000000	000000610000	000000026751	373760513324
1105	433147777777	173554732037	600000001733	707547311000	000060440514	267467777777	604230710954	777777771733
1153	707547311000	000060451212	122637777777	604225736055	377777771724	432566765000	000060522205	461352477306
1201	605135207041	365624120000						