Data Set Catalog # 209

Apollo - 15
71 - 063A - 10A

Apollo - 16
72 - 063A - 09A

Channel Pulse Height Analyzer

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

APOLLO 15 CSM

256 CHAN PULSE-HGT ANALYZER, TAPE

71-063A-10A

This data set has been restored. There were originally two 7-track, 800 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on an IBM 360 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	TIME SPAN
DR005647	DS005647	D011418	1	07/29/71 - 08/02/71
		D011419	2	08/02/71 - 08/05/71

APOLLO 16 CSM

256 CHAN PULSE-HGT ANALYZER, TAPE

72-031A-09A

This data set has been restored. There were originally two 7-track, 800 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on an IBM 360 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	TIME SPAN
DR005596	DS005596	D010856	1	04/21/72 - 04/23/72 (a)
		D010857	2	04/23/72 - 04/25/72

(a) D010856: Read errors occurred in records 26, 1256, 1258 of file 1.

REQ. AGENT	RASH NO.	ACQ. AGENT
WTJ	RB3139	JJB

71-063A-10A

APOLLO-15

PULSE-HEIGHT ANALYZER DATA

This data set consists of 2 800 BPI, binary data tapes. Both tapes were produced on the IBM/360 where the 'D' tapes are 9 track and the 'C' tapes 7 track. Each tape contains one file of data where the time is found in the 1st word of each logical record and is ground elapsed time in milliseconds.

D#	C#	START	STOP
D-11418	C-08547	7/29/71	8/02/71
D-11419	C-08659	8/02/71	8/05/71

PROCESSED TELEMETRY FILE Apollo 15 71-063A-10A Apollo 16 72-031A-09A

This is a sequential file, with fixed length records. The record length is 48 and the block length is 960. Each record corresponds to one second of telemetry; that is to one of the "good" records in the raw telemetry tape. A "good" raw telemetry record is one that has time in reasonable sequence, and that has no more than 19 bad data flags set. Any show that was detected in the raw tape has been corrected. Each record can be represented by a PL/1 structure as follows:

9track IBM 360

```
01 RECORD ALIGNED,
02 TIME FIXED BINARY (31, 0),
02 TEMPERS (3) FIXED BINARY (15, 5),
02 IBADCT,
02 ICOUNT (10) BIT (8),
02 ICHANNEL (10) BIT (8),
02 CTRATE (10)BIT (8),
02 HSKP (5) BIT (3)
02 STATUS BIT (8):
```

where

TIME is ground elapsed time in milliseconds, given as a fullword (4 byte) binary integer.

TEMPERS are the three temperatures, in degrees centigrade, given as half-word (2 bytes) binary fractions with 5 bits after the binary point. The three temperatures are respectively, #1, #2, and LVPS.

IBADCT is the number of bad data flags set in the original raw telemetry record. All 47 meaningful (non-spare) data flags are counted.

ICOUNT is an array of 10 8 bit bytes, giving data derived from the 10 counter readouts in the raw telemetry record. Each byte is arranged as follows:

a. The first three bits indicate whether the three data items-counter id, channel, and count rate - were flagged (or if flagged) in the raw telemetry record.

b. The remaining 5 bits contain a binary integer giving counter id (0 to 10, of which 0 indicates no valid data)

ICHANNEL is an array of 10 8 - bit bytes, maintained parallel to ICOUNT (that is ICOUNT (1) corresponds to ICHANNEL (1), etc.). Each byte contains an unsigned binary integer giving channel number (0-255) for the data readout whose counter id was given in the corresponding ICOUNT.

CTRATE is an array of 10 8-bit bytes, never used at present, but parallel to ICOUNT and ICHANNEL. Each byte contains the "count rate" raw telemetry value from the raw telemetry tape.

HSKP is an array of 5 3-bit fields. Each field gives the status of one of the

FILE	1	COPIED	570	RECORDS	FROM	114:43:30.409	TO	114:52:59.926
FILE	1	COPIED	794	RECORDS	FROM	114:53:00.935	TO	115:06:13.280
FILE	1	COPIED	2517	RECORDS	FROM	115:25:05.044	TO	116:06:59.030
[illegible]	1	COPIED	3547	RECORDS	FROM	116:07:02.245	TO	117:06:07.295
[illegible]	1	COPIED	2603	RECORDS	FROM	117:21:36.531	TO	118:04:56.370
FILE	1	COPIED	1800	RECORDS	FROM	118:11:01.056	TO	118:40:58.560
FILE	1	COPIED	1347	RECORDS	FROM	118:40:59.558	TO	119:03:24.449
FILE	1	COPIED	1800	RECORDS	FROM	119:14:29.357	TO	119:44:26.063
FILE	1	COPIED	993	RECORDS	FROM	119:44:27.861	TO	120:00:59.037
FILE	1	COPIED	493	RECORDS	FROM	120:00:59.578	TO	120:09:11.165
FILE	1	COPIED	1651	RECORDS	FROM	120:09:11.167	TO	120:36:39.792
FILE	1	COPIED	703	RECORDS	FROM	120:51:40.048	TO	121:03:21.472
FILE	1	COPIED	2696	RECORDS	FROM	121:10:49.091	TO	121:55:41.862
FILE	1	COPIED	203	RECORDS	FROM	121:55:43.862	TO	121:59:05.684
FILE	1	COPIED	1	RECORDS	FROM	122:04:18.426	TO	122:04:18.426
FILE	1	COPIED	7	RECORDS	FROM	122:04:21.423	TO	122:04:27.418
FILE	1	COPIED	812	RECORDS	FROM	122:04:37.410	TO	122:18:07.732
FILE	1	COPIED	2703	RECORDS	FROM	122:19:00.687	TO	123:04:00.448
FILE	1	COPIED	504	RECORDS	FROM	123:18:20.192	TO	123:26:42.775
FILE	1	COPIED	2107	RECORDS	FROM	124:15:48.859	TO	124:50:53.109
FILE	1	COPIED	31	RECORDS	FROM	124:52:07.454	TO	124:52:37.488
FILE	1	COPIED	498	RECORDS	FROM	124:52:39.487	TO	125:00:55.074
FILE	1	COPIED	32	RECORDS	FROM	126:33:25.989	TO	126:33:59.962
FILE	1	COPIED	9	RECORDS	FROM	126:34:01.960	TO	126:34:13.950
FILE	1	COPIED	1	RECORDS	FROM	126:34:15.948	TO	126:34:15.948
FILE	1	COPIED	2	RECORDS	FROM	126:34:19.146	TO	126:34:20.944
FILE	1	COPIED	13	RECORDS	FROM	126:34:22.942	TO	126:34:35.931
FILE	1	COPIED	4	RECORDS	FROM	126:34:37.930	TO	126:34:40.927
FILE	1	COPIED	124	RECORDS	FROM	126:34:42.926	TO	126:36:50.820
FILE	1	COPIED	209	RECORDS	FROM	126:36:52.818	TO	126:40:21.645
FILE	1	COPIED	454	RECORDS	FROM	126:40:23.643	TO	126:47:56.269
FILE	1	COPIED	572	RECORDS	FROM	126:56:08.859	TO	127:05:39.362
FILE	1	COPIED	1217	RECORDS	FROM	127:05:41.360	TO	127:25:56.365
FILE	1	COPIED	417	RECORDS	FROM	127:40:56.629	TO	127:47:52.279
FILE	1	COPIED	1808	RECORDS	FROM	127:49:35.198	TO	128:19:40.693
FILE	1	COPIED	2185	RECORDS	FROM	128:19:44.688	TO	128:56:09.881
FILE	1	COPIED	4541	RECORDS	FROM	129:29:11.661	TO	130:44:49.453
FILE	1	COPIED	693	RECORDS	FROM	130:44:51.452	TO	130:56:22.878
FILE	1	COPIED	1	RECORDS	FROM	132:52:44.070	TO	132:52:44.070
FILE	1	COPIED	2	RECORDS	FROM	132:52:46.069	TO	132:52:47.068
FILE	1	COPIED	6	RECORDS	FROM	132:52:49.066	TO	132:52:54.062
FILE	1	COPIED	8	RECORDS	FROM	132:52:57.041	TO	132:53:03.055
FILE	1	COPIED	5	RECORDS	FROM	132:53:05.053	TO	132:53:09.050
FILE	1	COPIED	1	RECORDS	FROM	132:53:11.048	TO	132:53:11.048
FILE	1	COPIED	1	RECORDS	FROM	132:53:13.046	TO	132:53:13.046
FILE	1	COPIED	1	RECORDS	FROM	132:53:15.045	TO	132:53:15.045
FILE	1	COPIED	51	RECORDS	FROM	132:53:17.043	TO	132:54:07.002
FILE	1	COPIED	1712	RECORDS	FROM	133:07:31.804	TO	133:36:01.382
FILE	1	COPIED	526	RECORDS	FROM	133:48:42.278	TO	133:57:26.839
FILE	1	COPIED	897	RECORDS	FROM	134:00:11.700	TO	134:15:09.951
FILE	1	COPIED	1884	RECORDS	FROM	134:15:12.948	TO	134:46:34.390
FILE	1	COPIED	1206	RECORDS	FROM	135:38:46.787	TO	135:53:50.780
FILE	1	COPIED	399	RECORDS	FROM	135:58:50.781	TO	136:05:23.449
FILE	1	COPIED	4375	RECORDS	FROM	136:05:30.448	TO	137:13:22.265
FILE	1	COPIED	703	RECORDS	FROM	137:18:25.284	TO	137:30:06.701
FILE	1	COPIED	296	RECORDS	FROM	137:46:22.407	TO	137:51:18.157
FILE	1	COPIED	3073	RECORDS	FROM	137:51:20.156	TO	138:42:29.604
FILE	1	COPIED	2950	RECORDS	FROM	138:42:57.067	TO	139:32:04.616
FILE	1	COPIED	665	RECORDS	FROM	139:44:26.513	TO	139:55:27.956
FILE	1	COPIED	879	RECORDS	FROM	139:56:10.922	TO	140:10:4[illegible]

Apollo 15A 71-063A-10A
~~72-031A-09A~~

0 GET ≡ 13:34 UT
7/26/71

Apollo 16A 72-031A-09A

0 GET ≡ 17:54 UT
4/16/72

AMERICAN SCIENCE AND ENGINEERING APOLLO ALPHA EXPERIMENT DATA REDUCTION SYSTEM

FILE	1	COPIED	900	RECORDS	FROM	74:09:35.045	TO 74:24:33.177
FILE	1	COPIED	900	RECORDS	FROM	74:24:34.177	TO 74:39:32.312
FILE	1	COPIED	281	RECORDS	FROM	74:39:33.311	TO 74:44:13.043
FILE	1	COPIED	802	RECORDS	FROM	74:44:14.043	TO 74:57:34.276
FILE	1	COPIED	900	RECORDS	FROM	75:12:36.417	TO 75:27:34.562
FILE	1	COPIED	900	RECORDS	FROM	75:27:35.561	TO 75:42:33.710
FILE	1	COPIED	111	RECORDS	FROM	75:42:34.709	TO 75:44:24.604
FILE	1	COPIED	791	RECORDS	FROM	75:44:24.605	TO 75:57:33.361
FILE	1	COPIED	1800	RECORDS	FROM	75:57:34.859	TO 76:27:32.172
FILE	1	COPIED	970	RECORDS	FROM	76:27:33.171	TO 76:43:41.262
FILE	1	COPIED	900	RECORDS	FROM	76:44:22.229	TO 76:59:20.396
FILE	1	COPIED	900	RECORDS	FROM	76:59:21.395	TO 77:14:19.563
FILE	1	COPIED	522	RECORDS	FROM	77:14:33.551	TO 77:23:14.071
FILE	1	COPIED	799	RECORDS	FROM	79:10:59.734	TO 79:24:17.064
FILE	1	COPIED	101	RECORDS	FROM	79:24:23.059	TO 79:26:02.976
FILE	1	COPIED	75	RECORDS	FROM	79:26:03.975	TO 79:27:17.914
FILE	1	COPIED	824	RECORDS	FROM	79:27:21.909	TO 79:41:04.223
FILE	1	COPIED	900	RECORDS	FROM	79:41:05.222	TO 79:56:03.476
FILE	1	COPIED	899	RECORDS	FROM	79:56:04.475	TO 80:11:01.733
FILE	1	COPIED	511	RECORDS	FROM	80:11:03.731	TO 80:19:34.304
FILE	1	COPIED	3	RECORDS	FROM	80:19:37.302	TO 80:19:39.300
FILE	1	COPIED	2	RECORDS	FROM	80:19:41.298	TO 80:19:43.257
FILE	1	COPIED	897	RECORDS	FROM	81:11:16.718	TO 81:26:11.969
FILE	1	COPIED	900	RECORDS	FROM	81:26:12.967	TO 81:41:11.217
FILE	1	COPIED	240	RECORDS	FROM	81:41:12.216	TO 81:45:11.018
FILE	1	COPIED	835	RECORDS	FROM	81:45:12.016	TO 81:59:05.325
FILE	1	COPIED	899	RECORDS	FROM	81:59:06.324	TO 82:14:03.581
FILE	1	COPIED	221	RECORDS	FROM	82:14:04.580	TO 82:17:44.396
FILE	1	COPIED	4	RECORDS	FROM	82:17:46.394	TO 82:17:49.392
FILE	1	COPIED	6	RECORDS	FROM	82:17:51.390	TO 82:17:56.426
FILE	1	COPIED	2	RECORDS	FROM	82:18:33.355	TO 82:18:34.355
FILE	1	COPIED	108	RECORDS	FROM	82:18:36.353	TO 82:20:23.267
FILE	1	COPIED	84	RECORDS	FROM	82:20:25.265	TO 82:21:48.196
FILE	1	COPIED	1800	RECORDS	FROM	83:46:04.090	TO 84:16:03.593
FILE	1	COPIED	116	RECORDS	FROM	84:16:04.592	TO 84:17:59.387
FILE	1	COPIED	744	RECORDS	FROM	84:17:59.487	TO 84:30:21.794
FILE	1	COPIED	783	RECORDS	FROM	84:30:22.792	TO 84:43:24.087
FILE	1	COPIED	115	RECORDS	FROM	84:43:42.070	TO 84:45:35.966
FILE	1	COPIED	900	RECORDS	FROM	84:45:36.965	TO 85:00:35.139
FILE	1	COPIED	29	RECORDS	FROM	85:00:36.137	TO 85:01:04.111
FILE	1	COPIED	899	RECORDS	FROM	90:59:35.429	TO 91:14:32.630
FILE	1	COPIED	900	RECORDS	FROM	91:14:33.679	TO 91:29:31.933
FILE	1	COPIED	519	RECORDS	FROM	91:29:32.932	TO 91:38:10.503
FILE	1	COPIED	724	RECORDS	FROM	91:38:11.502	TO 91:50:13.905
FILE	1	COPIED	141	RECORDS	FROM	105:47:15.703	TO 105:49:35.586
FILE	1	COPIED	188	RECORDS	FROM	105:49:45.578	TO 105:52:52.422
FILE	1	COPIED	1059	RECORDS	FROM	106:06:55.268	TO 106:24:32.378
FILE	1	COPIED	1	RECORDS	FROM	107:02:56.450	TO 107:02:56.450
FILE	1	COPIED	2703	RECORDS	FROM	107:02:59.448	TO 107:48:00.648
FILE	1	COPIED	2820	RECORDS	FROM	107:48:02.647	TO 108:35:04.830
FILE	1	COPIED	1853	RECORDS	FROM	108:35:07.827	TO 109:05:58.287
FILE	1	COPIED	445	RECORDS	FROM	109:06:00.286	TO 109:13:23.918
FILE	1	COPIED	2038	RECORDS	FROM	112:08:04.195	TO 112:41:59.496
FILE	1	COPIED	1362	RECORDS	FROM	112:42:00.495	TO 113:04:41.370
FILE	1	COPIED	900	RECORDS	FROM	113:27:57.172	TO 113:42:55.411
FILE	1	COPIED	900	RECORDS	FROM	113:42:57.437	TO 113:57:55.705
FILE	1	COPIED	572	RECORDS	FROM	113:57:56.704	TO 114:07:27.226
FILE	1	COPIED	440	RECORDS	FROM	114:09:15.124	TO 114:16:33.756
FILE	1	COPIED	891	RECORDS	FROM	114:28:30.158	TO 114:43:[illegible]

FILE	1	COPIED	570	RECORDS	FROM	114:43:30.409	TO	114:52:59.926
FILE	1	COPIED	794	RECORDS	FROM	114:53:00.935	TO	115:06:13.280
FILE	1	COPIED	2517	RECORDS	FROM	115:25:05.044	TO	116:06:59.030
[illegible]	1	COPIED	3547	RECORDS	FROM	116:07:02.245	TO	117:06:07.295
[illegible]	1	COPIED	2603	RECORDS	FROM	117:21:36.531	TO	118:04:56.370
FILE	1	COPIED	1800	RECORDS	FROM	118:11:01.056	TO	118:40:58.560
FILE	1	COPIED	1347	RECORDS	FROM	118:40:59.558	TO	119:03:24.449
FILE	1	COPIED	1800	RECORDS	FROM	119:14:29.357	TO	119:44:26.063
FILE	1	COPIED	993	RECORDS	FROM	119:44:27.861	TO	120:00:59.037
FILE	1	COPIED	493	RECORDS	FROM	120:00:59.578	TO	120:09:11.165
FILE	1	COPIED	1651	RECORDS	FROM	120:09:11.167	TO	120:36:39.792
FILE	1	COPIED	703	RECORDS	FROM	120:51:40.048	TO	121:03:21.472
FILE	1	COPIED	2696	RECORDS	FROM	121:10:49.091	TO	121:55:41.862
FILE	1	COPIED	203	RECORDS	FROM	121:55:43.862	TO	121:59:05.684
FILE	1	COPIED	1	RECORDS	FROM	122:04:18.426	TO	122:04:18.426
FILE	1	COPIED	7	RECORDS	FROM	122:04:21.423	TO	122:04:27.418
FILE	1	COPIED	812	RECORDS	FROM	122:04:37.410	TO	122:18:07.732
FILE	1	COPIED	2703	RECORDS	FROM	122:19:00.687	TO	123:04:00.448
FILE	1	COPIED	504	RECORDS	FROM	123:18:20.192	TO	123:26:42.775
FILE	1	COPIED	2107	RECORDS	FROM	124:15:48.859	TO	124:50:53.109
FILE	1	COPIED	31	RECORDS	FROM	124:52:07.454	TO	124:52:37.488
FILE	1	COPIED	498	RECORDS	FROM	124:52:39.487	TO	125:00:55.074
FILE	1	COPIED	32	RECORDS	FROM	126:33:25.989	TO	126:33:59.962
FILE	1	COPIED	9	RECORDS	FROM	126:34:01.960	TO	126:34:13.950
FILE	1	COPIED	1	RECORDS	FROM	126:34:15.948	TO	126:34:15.948
FILE	1	COPIED	2	RECORDS	FROM	126:34:19.146	TO	126:34:20.944
FILE	1	COPIED	13	RECORDS	FROM	126:34:22.942	TO	126:34:35.931
FILE	1	COPIED	4	RECORDS	FROM	126:34:37.930	TO	126:34:40.927
FILE	1	COPIED	124	RECORDS	FROM	126:34:42.926	TO	126:36:50.820
FILE	1	COPIED	209	RECORDS	FROM	126:36:52.818	TO	126:40:21.645
FILE	1	COPIED	454	RECORDS	FROM	126:40:23.643	TO	126:47:56.269
FILE	1	COPIED	572	RECORDS	FROM	126:56:08.859	TO	127:05:39.362
FILE	1	COPIED	1217	RECORDS	FROM	127:05:41.360	TO	127:25:56.365
FILE	1	COPIED	417	RECORDS	FROM	127:40:56.629	TO	127:47:52.279
FILE	1	COPIED	1808	RECORDS	FROM	127:49:35.198	TO	128:19:40.693
FILE	1	COPIED	2185	RECORDS	FROM	128:19:44.688	TO	128:56:09.881
FILE	1	COPIED	4541	RECORDS	FROM	129:29:11.661	TO	130:44:49.453
FILE	1	COPIED	693	RECORDS	FROM	130:44:51.452	TO	130:56:22.878
FILE	1	COPIED	1	RECORDS	FROM	132:52:44.070	TO	132:52:44.070
FILE	1	COPIED	2	RECORDS	FROM	132:52:46.069	TO	132:52:47.068
FILE	1	COPIED	6	RECORDS	FROM	132:52:49.066	TO	132:52:54.062
FILE	1	COPIED	8	RECORDS	FROM	132:52:57.041	TO	132:53:03.055
FILE	1	COPIED	5	RECORDS	FROM	132:53:05.053	TO	132:53:09.050
FILE	1	COPIED	1	RECORDS	FROM	132:53:11.048	TO	132:53:11.048
FILE	1	COPIED	1	RECORDS	FROM	132:53:13.046	TO	132:53:13.046
FILE	1	COPIED	1	RECORDS	FROM	132:53:15.045	TO	132:53:15.045
FILE	1	COPIED	51	RECORDS	FROM	132:53:17.043	TO	132:54:07.002
FILE	1	COPIED	1712	RECORDS	FROM	133:07:31.804	TO	133:36:01.382
FILE	1	COPIED	526	RECORDS	FROM	133:48:42.278	TO	133:57:26.839
FILE	1	COPIED	897	RECORDS	FROM	134:00:11.700	TO	134:15:09.951
FILE	1	COPIED	1884	RECORDS	FROM	134:15:12.948	TO	134:46:34.390
FILE	1	COPIED	1206	RECORDS	FROM	135:38:46.787	TO	135:53:50.780
FILE	1	COPIED	399	RECORDS	FROM	135:58:50.781	TO	136:05:23.449
FILE	1	COPIED	4375	RECORDS	FROM	136:05:30.448	TO	137:13:22.265
FILE	1	COPIED	703	RECORDS	FROM	137:18:25.284	TO	137:30:06.701
FILE	1	COPIED	296	RECORDS	FROM	137:46:22.407	TO	137:51:18.157
FILE	1	COPIED	3073	RECORDS	FROM	137:51:20.156	TO	138:42:29.604
FILE	1	COPIED	2950	RECORDS	FROM	138:42:57.067	TO	139:32:04.616
FILE	1	COPIED	665	RECORDS	FROM	139:44:26.513	TO	139:55:27.956
FILE	1	COPIED	879	RECORDS	FROM	139:56:10.922	TO	140:10:4[illegible]

```
FILE 1 COPIED     1839 RECORDS FROM 140:10:53.137 TO 140:41:30.665
FILE 1 COPIED     2603 RECORDS FROM 140:41:49.136 TO 141:25:02.973
FILE 1 COPIED     2593 RECORDS FROM 141:37:29.874 TO 142:20:40.715
FILE 1 COPIED     1321 RECORDS FROM 142:20:45.710 TO 142:42:44.620
FILE 1 COPIED      500 RECORDS FROM 142:42:49.100 TO 142:51:07.685
FILE 1 COPIED      399 RECORDS FROM 142:51:09.684 TO 142:57:47.353
FILE 1 COPIED      900 RECORDS FROM 142:57:52.349 TO 143:12:50.602
FILE 1 COPIED      899 RECORDS FROM 143:12:52.601 TO 143:27:49.855
FILE 1 COPIED      170 RECORDS FROM 143:27:51.853 TO 143:30:40.713
FILE 1 COPIED     4583 RECORDS FROM 143:31:45.178 TO 144:48:05.850
FILE 1 COPIED     2408 RECORDS FROM 144:48:07.849 TO 145:28:12.849
FILE 1 COPIED      888 RECORDS FROM 145:39:59.783 TO 145:54:56.000
FILE 1 COPIED     1798 RECORDS FROM 145:54:58.033 TO 146:24:54.543
FILE 1 COPIED      504 RECORDS FROM 146:38:47.329 TO 146:47:12.908
FILE 1 COPIED     1269 RECORDS FROM 146:47:14.907 TO 147:08:21.853
FILE 1 COPIED       21 RECORDS FROM 147:27:32.897 TO 147:27:52.880
FILE 1 COPIED      157 RECORDS FROM 147:40:26.773 TO 147:43:02.642
FILE 1 COPIED     1640 RECORDS FROM 147:43:04.641 TO 148:10:22.276
FILE 1 COPIED     1476 RECORDS FROM 148:10:25.273 TO 148:35:00.054
FILE 1 COPIED       72 RECORDS FROM 148:35:04.051 TO 148:36:14.992
FILE 1 COPIED     2341 RECORDS FROM 148:36:18.989 TO 149:15:18.025
FILE 1 COPIED        3 RECORDS FROM 149:32:16.192 TO 149:32:18.190
FILE 1 COPIED     4686 RECORDS FROM 149:32:21.187 TO 150:50:23.777
FILE 1 COPIED     1800 RECORDS FROM 150:50:37.765 TO 151:20:35.271
FILE 1 COPIED     1799 RECORDS FROM 151:25:23.549 TO 151:55:20.048
FILE 1 COPIED     2304 RECORDS FROM 151:55:22.047 TO 152:33:44.140
FILE 1 COPIED     1349 RECORDS FROM 152:37:16.445 TO 152:59:43.326
FILE 1 COPIED      879 RECORDS FROM 152:59:52.317 TO 153:14:29.588
FILE 1 COPIED     2155 RECORDS FROM 153:31:02.280 TO 154:06:54.487
FILE 1 COPIED       54 RECORDS FROM 154:06:56.485 TO 154:07:50.442
FILE 1 COPIED     1267 RECORDS FROM 154:07:52.440 TO 154:28:57.391
FILE 1 COPIED     2577 RECORDS FROM 154:45:50.031 TO 155:28:43.891
FILE 1 COPIED     3413 RECORDS FROM 155:29:01.389 TO 156:25:51.555
FILE 1 COPIED     2533 RECORDS FROM 156:39:35.356 TO 157:21:45.253
FILE 1 COPIED     3435 RECORDS FROM 157:26:24.530 TO 158:23:36.681
FILE 1 COPIED     2569 RECORDS FROM 158:41:29.276 TO 159:24:15.462
FILE 1 COPIED     1778 RECORDS FROM 159:24:16.650 TO 159:53:55.168
FILE 1 COPIED      843 RECORDS FROM 160:02:00.763 TO 160:16:02.068
FILE 1 COPIED       20 RECORDS FROM 160:28:09.955 TO 160:28:28.939
FILE 1 COPIED     2572 RECORDS FROM 160:34:48.623 TO 161:17:38.389
FILE 1 COPIED     2184 RECORDS FROM 161:37:39.995 TO 162:14:03.184
FILE 1 COPIED        2 RECORDS FROM 162:14:05.183 TO 162:14:06.182
FILE 1 COPIED     2260 RECORDS FROM 162:39:39.908 TO 163:17:17.031
FILE 1 COPIED     2637 RECORDS FROM 163:21:47.787 TO 164:05:42.594
FILE 1 COPIED      673 RECORDS FROM 165:21:20.148 TO 165:32:32.581
FILE 1 COPIED     2244 RECORDS FROM 165:44:38.974 TO 166:22:00.116
FILE 1 COPIED      801 RECORDS FROM 166:41:23.653 TO 166:54:42.987
FILE 1 COPIED      153 RECORDS FROM 167:15:35.437 TO 167:18:07.310
FILE 1 COPIED     2223 RECORDS FROM 167:18:18.301 TO 167:55:19.453
FILE 1 COPIED     1289 RECORDS FROM 167:55:22.448 TO 168:16:49.386
FILE 1 EOF

182014 RECORDS WRITTEN ON OUTPUT FILE
```

AMERICAN SCIENCE AND ENGINEERING APOLLO ALPHA EXPERIMENT DATA REDUCTION SYSTEM

FILE	1	COPIED	6	RECORDS	FROM	178:59:41.901 TO 178:59:46.397
FILE	1	COPIED	4112	RECORDS	FROM	178:59:51.623 TO 180:08:19.468
FILE	1	COPIED	2053	RECORDS	FROM	180:35:29.613 TO 181:09:40.904
FILE	1	COPIED	2838	RECORDS	FROM	181:11:54.280 TO 181:59:58.878
FILE	1	COPIED	5	RECORDS	FROM	182:00:00.878 TO 182:00:04.874
FILE	1	COPIED	2709	RECORDS	FROM	182:00:24.858 TO 182:45:31.604
FILE	1	COPIED	1182	RECORDS	FROM	183:02:36.747 TO 183:22:16.759
FILE	1	COPIED	1422	RECORDS	FROM	183:22:18.757 TO 183:45:58.573
FILE	1	COPIED	754	RECORDS	FROM	183:46:01.573 TO 183:58:33.950
FILE	1	COPIED	4406	RECORDS	FROM	184:58:46.941 TO 186:12:12.786
FILE	1	COPIED	890	RECORDS	FROM	186:27:32.021 TO 186:42:20.281
FILE	1	COPIED	283	RECORDS	FROM	186:58:20.972 TO 187:03:02.737
FILE	1	COPIED	58	RECORDS	FROM	187:03:04.735 TO 187:04:01.687
FILE	1	COPIED	1359	RECORDS	FROM	187:04:03.686 TO 187:26:40.555
FILE	1	COPIED	1	RECORDS	FROM	187:26:42.872 TO 187:26:42.872
FILE	1	COPIED	213	RECORDS	FROM	187:27:34.491 TO 187:31:06.315
FILE	1	COPIED	1579	RECORDS	FROM	187:31:09.312 TO 187:57:28.003
FILE	1	COPIED	898	RECORDS	FROM	187:57:29.528 TO 188:12:26.782
FILE	1	COPIED	899	RECORDS	FROM	188:12:28.780 TO 188:27:26.033
FILE	1	COPIED	1160	RECORDS	FROM	188:27:28.032 TO 188:46:46.068
FILE	1	COPIED	2420	RECORDS	FROM	188:46:59.533 TO 189:27:16.511
FILE	1	COPIED	1632	RECORDS	FROM	189:27:19.508 TO 189:54:29.686
FILE	1	COPIED	6	RECORDS	FROM	189:54:35.681 TO 189:54:40.677
FILE	1	COPIED	1724	RECORDS	FROM	189:54:42.676 TO 190:23:24.244
FILE	1	COPIED	283	RECORDS	FROM	190:38:24.495 TO 190:43:06.260
FILE	1	COPIED	3010	RECORDS	FROM	190:54:37.157 TO 191:44:43.653
FILE	1	COPIED	774	RECORDS	FROM	191:44:45.652 TO 191:57:38.540
FILE	1	COPIED	564	RECORDS	FROM	191:57:40.539 TO 192:07:03.071
FILE	1	COPIED	899	RECORDS	FROM	192:54:33.172 TO 193:09:30.422
FILE	1	COPIED	1118	RECORDS	FROM	193:09:34.419 TO 193:28:10.493
FILE	1	COPIED	4276	RECORDS	FROM	193:28:46.462 TO 194:40:02.435
FILE	1	COPIED	1179	RECORDS	FROM	194:44:31.690 TO 195:04:08.708
FILE	1	COPIED	1606	RECORDS	FROM	195:04:10.706 TO 195:30:55.375
FILE	1	COPIED	237	RECORDS	FROM	195:31:19.357 TO 195:35:15.158
FILE	1	COPIED	3037	RECORDS	FROM	195:51:36.346 TO 196:42:11.342
FILE	1	COPIED	3846	RECORDS	FROM	196:42:45.796 TO 197:46:51.594
FILE	1	COPIED	2703	RECORDS	FROM	197:47:40.073 TO 198:32:40.327
FILE	1	COPIED	237	RECORDS	FROM	198:32:42.826 TO 198:36:38.630
FILE	1	COPIED	3010	RECORDS	FROM	198:41:36.861 TO 199:31:43.354
FILE	1	COPIED	335	RECORDS	FROM	199:31:45.353 TO 199:37:21.073
FILE	1	COPIED	3546	RECORDS	FROM	199:37:24.071 TO 200:36:29.624
FILE	1	COPIED	5	RECORDS	FROM	200:36:30.743 TO 200:36:35.589
FILE	1	COPIED	13	RECORDS	FROM	200:37:04.620 TO 200:37:16.610
FILE	1	COPIED	2923	RECORDS	FROM	200:37:18.608 TO 201:25:58.652
FILE	1	COPIED	2490	RECORDS	FROM	201:26:01.651 TO 202:07:31.107
FILE	1	COPIED	5661	RECORDS	FROM	202:07:33.106 TO 203:41:52.877
FILE	1	COPIED	2108	RECORDS	FROM	204:00:07.489 TO 204:35:13.737
FILE	1	COPIED	297	RECORDS	FROM	204:35:15.736 TO 204:40:11.490
FILE	1	COPIED	3344	RECORDS	FROM	204:42:20.856 TO 205:38:04.072
FILE	1	COPIED	[illegible]	RECORDS	FROM	[illegible]
FILE	1	COPIED	3409	RECORDS	FROM	206:40:17.965 TO 207:37:05.151
FILE	1	COPIED	1414	RECORDS	FROM	207:52:04.918 TO 208:15:37.742
FILE	1	COPIED	1243	RECORDS	FROM	208:15:39.742 TO 208:36:20.710
FILE	1	COPIED	3437	RECORDS	FROM	208:38:41.058 TO 209:35:56.203
FILE	1	COPIED	2627	RECORDS	FROM	209:50:56.871 TO 210:34:40.690
FILE	1	COPIED	2020	RECORDS	FROM	210:35:17.242 TO 211:08:54.563
FILE	1	COPIED	1632	RECORDS	FROM	[illegible]

```
FILE 1 COPIED    3696 RECORDS FROM 214:39:35.037 TO 215:41:11.516
FILE 1 COPIED    2251 RECORDS FROM 215:41:13.515 TO 216:18:41.646
FILE 1 COPIED    4117 RECORDS FROM 216:29:51.539 TO 217:36:24.668
FILE 1 COPIED    2593 RECORDS FROM 217:38:26.668 TO 218:21:33.359
FILE 1 COPIED    3255 RECORDS FROM 218:35:57.250 TO 219:30:10.552
FILE 1 COPIED    1275 RECORDS FROM 219:30:20.085 TO 219:51:35.025
FILE 1 COPIED     971 RECORDS FROM 219:51:37.024 TO 220:07:46.218
FILE 1 COPIED    3425 RECORDS FROM 220:18:41.134 TO 221:15:42.288
FILE 1 COPIED    2621 RECORDS FROM 222:18:34.008 TO 223:02:12.815
FILE 1 COPIED     900 RECORDS FROM 224:46:02.624 TO 225:01:00.875
FILE 1 COPIED     275 RECORDS FROM 225:01:03.872 TO 225:05:37.644
FILE 1 COPIED    1696 RECORDS FROM 225:05:39.642 TO 225:33:53.231
FILE 1 COPIED    1800 RECORDS FROM 225:33:55.229 TO 226:03:52.731
FILE 1 COPIED     899 RECORDS FROM 226:03:55.729 TO 226:18:52.981
FILE 1 COPIED     903 RECORDS FROM 226:18:54.980 TO 226:33:57.229
FILE 1 COPIED     901 RECORDS FROM 226:34:03.224 TO 226:49:02.475
FILE 1 COPIED    1797 RECORDS FROM 226:49:04.474 TO 227:18:58.979
FILE 1 COPIED      73 RECORDS FROM 227:19:01.977 TO 227:20:15.714
FILE 1 COPIED    3378 RECORDS FROM 227:20:20.912 TO 228:16:35.103
FILE 1 COPIED     734 RECORDS FROM 228:26:59.582 TO 228:40:01.931
FILE 1 COPIED     109 RECORDS FROM 228:40:08.924 TO 228:41:56.835
FILE 1 COPIED     901 RECORDS FROM 228:52:00.332 TO 229:06:59.582
FILE 1 COPIED     837 RECORDS FROM 229:17:12.071 TO 229:31:09.363
FILE 1 COPIED      50 RECORDS FROM 229:31:10.372 TO 229:31:59.331
FILE 1 COPIED     870 RECORDS FROM 229:42:21.812 TO 229:56:51.078
FILE 1 COPIED     871 RECORDS FROM 230:07:22.552 TO 230:21:51.827
FILE 1 COPIED     821 RECORDS FROM 230:32:57.273 TO 230:46:36.591
FILE 1 COPIED     840 RECORDS FROM 230:58:13.019 TO 231:12:11.321
FILE 1 COPIED     876 RECORDS FROM 231:23:29.756 TO 231:38:04.027
FILE 1 COPIED     866 RECORDS FROM 231:48:24.511 TO 232:02:43.790
FILE 1 COPIED     835 RECORDS FROM 232:14:10.223 TO 232:28:03.529
FILE 1 COPIED     888 RECORDS FROM 232:38:45.994 TO 232:53:34.244
FILE 1 COPIED     887 RECORDS FROM 233:04:16.709 TO 233:19:01.973
FILE 1 COPIED     859 RECORDS FROM 233:30:09.417 TO 233:44:25.703
FILE 1 COPIED     905 RECORDS FROM 233:55:32.160 TO 234:10:35.403
FILE 1 COPIED     861 RECORDS FROM 234:21:34.860 TO 234:35:54.146
FILE 1 COPIED     849 RECORDS FROM 234:47:15.580 TO 235:01:22.875
FILE 1 COPIED     942 RECORDS FROM 235:11:06.390 TO 235:26:46.603
FILE 1 COPIED       2 RECORDS FROM 235:37:22.080 TO 235:37:23.079
FILE 1 COPIED     891 RECORDS FROM 235:37:25.077 TO 235:52:16.017
FILE 1 COPIED     837 RECORDS FROM 236:02:44.814 TO 236:16:40.121
FILE 1 COPIED     470 RECORDS FROM 236:26:53.610 TO 236:34:42.221
FILE 1 COPIED     106 RECORDS FROM 236:34:51.214 TO 236:36:36.126
FILE 1 COPIED       3 RECORDS FROM 236:36:38.125 TO 236:36:40.123
FILE 1 COPIED       1 RECORDS FROM 236:36:42.121 TO 236:36:42.121
FILE 1 COPIED    1037 RECORDS FROM 236:39:22.987 TO 236:57:28.066
FILE 1 COPIED    3182 RECORDS FROM 236:57:55.068 TO 237:50:55.398
FILE 1 COPIED     103 RECORDS FROM 237:51:00.394 TO 237:52:42.309
FILE 1 COPIED     236 RECORDS FROM 237:52:44.307 TO 237:56:38.860
FILE 1 COPIED     626 RECORDS FROM 237:56:42.109 TO 238:07:06.588
FILE 1 COPIED    1893 RECORDS FROM 238:23:47.755 TO 238:55:20.180
FILE 1 EOF

  169675 RECORDS WRITTEN ON OUTPUT FILE
```

37FB37FDF7CCC0000000C0000C0000000000000000000000101010101010101010140404040406
37FDF700000000000000000000000000000000000000000000101010101010101010140404040400 10FE
F70000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9C2F
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9C6E0FB3
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9CAC8FB37FB3
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9CEAFFB37FB37FDF
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9D296FB37FB37FDF7000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9D67CFB37FB37FDF7000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9DA63FB37FB37FDF7000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9DE4AFB37FB37FDF7000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9E233FB37FB37FDF7000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9E61AFB37FB37FDF7000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9EA00FB37FB37FDF7000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9EDE7FB37FB37FDF7000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9F1CDFB37FB37FDF7000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9F5B5FB37FB37FDF7000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FE9F99CFB37FB37FDF7000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000101010101010101010140404040400 10FEA016AFB37FB37FDF7000000000000000000000000000000000000000

7FDF7000000000000000000000000000000000000000000000010101010101010101404040404001 0FEA
700000000000000000000000000000000000000000000001010101010101010140404040400 10FEAAD1F
0000000000000000000000000000000000000000000101010101010101010140404040400 10FEAB107FB37
0000000000000000000000000000000000000000010101010101010101014040404040010FEAB4EEFB37FB37
0000000000000000000000000000000000000101010101010101010140404040400 10FEAB8D5FB37FB37FDF7
000000000000000000000000000000000101010101010101010140404040400 10FEABC8BFB37FB37FDF70000
0000000000000000000000000000010101010101010101014040404040010FEAC0A2FB37FB37FDF700000000
0000000000000000000000000101010101010101010140404040400 10FEAC489FB37FB37FDF7000000000000
00000000000000000000010101010101010101014040404040010FEAC371FB37FB37FDF70000000000000000
000000000000000010101010101010101014040404040010FEACC59FB37FB37FDF7000000000000000000000
0000000000010101010101010101014040404040010FEAD040FB37FB37FDF700000000000000000000000000
0000001010101010101010101014040404040010FEAD426FB37FB37FDF700000000000000000000000000000
00101010101010101010101404040404001 0FEAD30DFB37FB37FDF700000000000000000000000000000000
10101010101010101014040404040010FEADBF3FB37FB37FDF70000000000000000000000000000000000000
101010101010101404040404040010FEADFD8FB37FB37FDF7000000000000000000000000000000000000000
101010101404040404040010FEAE3C2FB37FB37FDF700000000000000000000000000000000000000000000
1010140404040404001 0FEAE7A9FB37FB37FDF70000000000000000000000000000000000000000000000101
14040404040400 10FEAEB90FB37FB37FDF7000000000000000000000000000000000000000000000001010101
0404040001

7F837FDF700000000000000000000000000000000000000000000000010101010101010101404040404001
7FDF700000000000000000000000000000000000000000000010101010101010101404040404001 0FEA
700000000000000000000000000000000000000000000001010101010101010140404040400 10FEAFB20
0000000000000000000000000000000000000000000101010101010101010140404040400 10FEAFF13FB37
00000000000000000000000000000000000000000101010101010101010140404040400 10FEB02FAFB37FB37
0000000000000000000000000000000000000101010101010101010140404040400 10FEB06E1FB37FB37FDF7
000000000000000000000000000000000101010101010101010140404040400 10FEB0AC8FB37FB37FDF70000
00000000000000000000000000000101010101010101010140404040400 10FEB0EB0FB37FB37FDF700000000
0000000000000000000000000101010101010101010140404040400 10FEB1296FB37FB37FDF7000000000000
000000000000000000000101010101010101010140404040400 10FEB167DFB37FB37FDF70000000000000000
000000000000000010101010101010101014040404040010FEB1A65FB37FB37FDF7000000000000000000000
0000000000010101010101010101014040404040010FEB1E4CFB37FB37FDF700000000000000000000000000
0000001010101010101010101014040404040010FEB2232FB37FB37FDF700000000000000000000000000000
00101010101010101010101404040404001 0FEB261AFB37FB37FDF700000000000000000000000000000000
10101010101010101014040404040010FEB2A01FB37FB37FDF70000000000000000000000000000000000000
101010101010101404040404040010FEB2DE8FB37FB37FDF7000000000000000000000000000000000000000
101010101404040404040010FEB31CEFB37FB37FDF700000000000000000000000000000000000000000000
1010140404040404001 0FEB35B5FB37FB37FDF7000000000000000000000000000000000000000000000010
14040404040400 10FEB39CFB37FB37FDF70000000000000000000000000000000000000000000000001010101
0404040001

7F837FDF700000000000000000000000000000000000000000000000010101010101010101404040404040
7FDF700000000000000000000000000000000000000000000010101010101010101404040404001 0FE
700000000000000000000000000000000000000000000001010101010101010140404040400 10FEB493
0000000000000000000000000000000000000000000101010101010101010140404040400 10FEB4D1FFB3
00000000000000000000000000000000000000000101010101010101010140404040400 10FEB5106FB37FB3
0000000000000000000000000000000000000101010101010101010140404040400 10FEB54EEFB37FB37FDF
00000000000000000000000000000000010101010101010101014040404040010FEB58D5FB37FB76FE0100
00080A00000000000000000000001010173F6FBFCFCFFF3144040404040010FEB5C8C01BE01C70194000000
560087F74183A4F714AD7EBC81303 0F020E04040620202020200 10FEB60A301C701C701940000050000
00000000000000000019EBF2F3F3F4F4F4F4F42020202020010FEB648A01C701C7019400000000000000000
0000000000000CF4F4F4F4F4F4F4F4F4F420202020200 10FEB687301C701C70194000000000000000000
0000000000F4F4F4F4F4F4F4F4F4F42020202020010FEB6C5901C701C701940001000000000000000000
000000F4F4F4F4F4F4F40CF4F420202020202001 0FEB703F01C701C701A500000000000000000000000000
0F4F4F4F4F4F4F4F4F4F42020202020200 10FEB742601C701C701940000000000000000000000000000
4F4F4F4F4F4F4F4F4202020202001 0FEB780D01C701C701940000000000000000000000000000000000
F4F4F4F4F4F4F42020202020010FEB7BF401C701C701840000000000000000000000000000000000000
4F4F4F4F42020202020010FEB7FDC01C701C701940000000000000000000000000000000000000000
F4F4F42020202020010FEB83C301C701C701940000000000000000000000000000000000000000000F4F
F42020202020200 10FEB87A9C1C701C701940000000000000000000000000000000000000000000F4F4F4F
0202020201

701C70194000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202020

701BC000000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001CFEB
400000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001OFEB9746
000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F420202020200 1OFEB982D01C7
0000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F420202020200 1OFEB9F1401C701C7
000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001OFEBA2F801C701C70184
00000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001OFEBA6E101C701C701940000
0000000000000000000000000000CF4F4F4F4F4F4F4F4F4F4F4202020202001OFEBAAC801C701C70194000000000
000000000000000000000000CF4F4F4F4F4F4F4F4F4F4F4202020202001OFEBAE8001C701C7019400000000000
00000000000000000000F4F4F4F4F4F4F4F4F4F4F4202020202001OFEBB29701C701C7019400000000000000000
0000000000000000F4F4F4F4FCF4F4F4F4F4F4202020202001OFEBB67F01C701C70184000000000000000000000
000000000F4F4F4F4F4F4F4F4F4F4F4202020202001OFEBBA6601C701C701940000000000000000000000000000
00000F4F4F4F4F4F4F4F4F4F4F4202020202001OFEBBE4C01C701C7019400000000000000000000000000000000
0F4F4F4F4F4F4F4F4F4F4F4202020202001OFEBC23201C701C70194000000000000000000000000000000000000
4F4F4F4F4F4F4F4F4F4202020202001OFEBC61A01C701C701940002000000000000008000000000000000000000
4F4F4F4F4F4F4F42020202020201OFEBCA0101C701C70194000000000000000000000000000000000000000000
4F4F4F4F4F420202020202001OFEBCDE801C701C701750000000000000000000000000000000000000000000000
4F4F420202020202001OFEBD1CF01C701C701940000000000000000000000000000000000000000000000F4F4
420202020202001OFEBD58601C701C70194000000000000000000000000000000000000000000000F4F4F4F4
0202020 01

701C70194000000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001
701940000000000000000000000000000000000000000000000FCF4F4F4F4F4F4F4F4F4F4202020202001CFEB
000000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F420202020202001OFEBE552
0000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F420202020202001OFEBE939C1C7
0000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001OFEBED2001C701C7
000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001OFEBF10701C701C70194
00000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001OFEBF4EF01C701C701940000
0000000000000000000000000000CF4F4F4F4F4F4F4F4F4F4F4202020202001OFEBF8D601C701C7019400000000
000000000000000000000000CF4F4F4F4F4F4F4F4F4F4F4202020202001OFEBFC8C01C701C70194000000000000
00000000000000000000F4F4F4F4F4F4F4F4F4F4F4202020202001OFEC00A301C701C7019400000000000000000
0000000000000000F4F4F4F4F4F4F4F4F4F4F4202020202001OFEC04B801C701C7018C00000000000000000000
000000000F4F4F4F4F4F4F4F4F4F4F4202020202001OFEC087201C701C70194000000000000000000000000000
00000F4F4F4F4F4F4F4F4F4F4F4202020202001OFEC0C5901C701C7019400000000000000000000000000000000
0F4F4F4F4F4F4F4F4F4F4F4202020202001OFEC104001C701C701940000000000000000000000000000000000000
4F4F4F4F4F4F4F4F4F4202020202001OFEC142701C701C7019400000000000000000000000000000000000000000
4F4F4F4F4F4F4F4202020202001OFEC180D01C701C7019400000000000000000000000000000000000000000000
4F4F4F4F4F42020202020001OFEC18F401C701C701940000000000000000000000000000000000000000000000
4F4F420202020202001OFEC1FD801C701C70194000000000000000000000000000000000000000000000F4F4
420202020202001OFEC23C301C701C70194000000000000000000000000000000000000000000F4F4F4F4
020202001

701C70194000000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001
701940000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001CFEC
000000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F420202020202001OFEC335F
0000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001OFEC374501C7
0000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001OFEC3B2D01C701C7
000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001OFEC3F1401C701C70194
00000000000000000000000000000000F4F4F4FCF4F4F4F4F4F48220202020010FEC42F801C701C701940000
0000000000000000000000000000CF4F4F4F4F4F4F4F4F4F4F4202020202001OFEC46E201C701C70194000000000
000000000000000000000000CF4F4F4F4F4F4F4F4F4F4F4202020202001OFEC4AC901C701C70194000000000000
00000000000000000000FCF4F4F4F4F4F4F4F4F4F4202020202001OFEC4EB001C701C7019400000000000000000
0000000000000000F4F4F4F4F4F4F4F4F4F4F4202020202001OFEC529801C701C7019C000000000000000000000
000000000F4F4F4F4F4F4F4F4F4F4F4202020202001OFEC567F01C701C70184000000000000000000000000000
00000F4F4F4F4F4F4F4F4F4F4F4202020202001OFEC5A6501C701C7019400000000000000000000000000000000
0F4F4FCF4F4F4F4F4F4F4F4202020202001OFEC5E4C01C701C701940000000000000000000000000000000000000
4F4F4F4F4F4F4F4F4F4202020202001OFEC623301C701C7019400000000000000000000000000000000000000000
4F4F4F4F4F4F4F42020202020201OFEC661A01C701C701940000000000000000000000000000000000000000000
F4F4F4F4202020202001OFEC6A0201C701C7019400000000000000000000000000000000000000000000000
4F4F420202020202001OFEC6DE901C701C70194000000000000000000000000000000000000000000000F4F4
520202020202001OFEC71CF01C701C70194000000000000000000000000000000000000000000F4F4F4F4
020202001

701C70194000000000000000000000000000000000000000000000000F4F4F4F4F4F4F4F4F4F4202020202001

703CE0000000000C0000C000CC000000000000000000000000E9E9E9E9E9E9E9E9E9E92020202020C92235
E000000000C00000806C0000000000000000101400000E9E9E9E9C5DEE9E9E9E920202020200922352 3EC
000000000C0000000000C000C00000000000000000000E9E9E9E9E9E9E9E9E9E9E92020202020092235 27D3C1C7
0080C0505C2040000000C150C1E0D1F150000E9ADE8E2E6E7DDE9E9E92020202020092235 2BBA01C7C1C7
700C80000C0000000CC9EC01700000000E9E9D2E976E7E9E9E9E920202020200922352FA1C1C701C7C3CE
000000000C0000000000C0000C0000E9E9E9E9E9E9E9E9E9202020202009223533 89C1C701C703CE00CC
000000000C00000000000C0000CE9E9E9E9F9E9E9E9E9FA2020202020092235377001C701C703CE000000C7
0000E0000C000000000C84E7E9E9E9E9E9E9E9E92020202020092235385701C701C703C000C00000CCCC
000000000C000000E9E9E9E9E9E9E9E9E920202020200922353F3E01C701C703CE00000C00000000CC
00000000000000E9E9E9E9E9E9E9E9E9E920202020200922354325 01C701C703820000000000C500000CC
000000000E9E9D1E9E9E9E9E9E9E9E92020202020092235470D01C701C703CE00000007000000C0000000C9
00016E6E9E9E9E9E9E9E9EA9CE72020202020092235 4AF401C701C703F5000000000000000000C000005000C
2E9EAE9E9E9E9E9EA2EE5202C202020092235 4EDB01C701C703CE00000000000090800060000C10000011
9B767E6E6E9EA7BE7202C202C2009223552C201C701C703CE00000000000000000006000000C0000000000
9EA85E7E9E9E92020202C20092235 56A9C1C701C703E500000000000000000000000000000000C0000000
9E9E9E9F72020202020C092235 5A91C1D001D003CE0000020000000000004000000180000000C014000000
9E9E92020202020092235 5E7EC1D001D0C3C0000000000006000A00000000000000000B0014000CC00000E9D8
92020202020009223562 5FC1DCC1D003CE0000000000C205000C0800000000011150001100000E9EA8CDF
020202009

001D003DCC000004 07CC0090000090000191400000300000300 98D8E9EA3CE5E9C7E9EA20202020202009
003DC0000C00900000000000000A00002300000000000001600 98E7E9E9E9E9E98AE8E920202020200922 35
C0000000C00900C00000C10C0000C006C000000001600E9E9AFE8E9E9E9E3E9E9202020202009223571FC
000000305C6000000020000001615AC0000001700E98C7EE3E9E9EA9AE7E92020202020092235 75E3C1DC
000000000C0000000000C000C0000000000000E9E9E9E9E9E9E9E9E9E9E92020202020092235 79CA01D0C1DC
000000000C500000000000C000C000004 00E9E9E9E9E9E9E9E98FE8E92020202020092235 7DB101D001D003DC
000000000C000000000C0000C000E9E9E9E9E9E9E9E9E9E920202020200922358199C1D001D003E5000C
400000000380000C100016000CE9DDE9EA56E5E5E9E9E920202020200922358580 01D001D003DC00000000
200000000140000000017E9E9E9BBE8E9E9E9E4E92020202020092235 8967 01D001D003DC000000000000
0000000000000000E9E9E9E9E9E9E9E9E9E920202020200922358D4E01D001D00392000000C0000000CC
0000001 6C000E9E9E9E9E9E9E8E9E9E920202020200922359135 01D001D003ED000000000C000C0000CC
000000000E9E9E9E9E9E9E9E9E9E92020202020092235951D01D001D004210000000000900CC6000000CC
00000EADBE9E9C9E9E9E9E9E9202020202009223599 04 01D001D003DC0000000000001 000000000000000
0E9EA45E6E9E9E9E9E9E9E92020202020092235 9CE801D001D003DC00000000030000000000090000120C
7E9E9E9E9E9E9DBE9202C202C200922 35A0D2C1D001D003DC00000000000000000000000010C000000000
9E9E9E9EA1DE92020202C20C92235A489C1D001D003DC000000000000000000000000000000000000000CC
9E9E9E9E92020202020C92235A8A1C1D001D003E5000000000000000000000000000000000000000000000
9E9E92020202020092235AC8EC1D0C1D0C3DC000000000000000000000000000000000000000C00000E9E9
920202020200922358C6FC1DC01D003DC00000000A0000000002000400001800000000130015E9E8E9E9
020202009

001D003DCC000000000C9000C0000000000000120000000000000E9E9D9E9E9E9E9E9E9E9E92020202020209
003CE00000001000000000000C200002500000000000000A00CDE9E9E9E9E9E98DE8E32020202020200922 35
C0000A00C000000000000000C1600C0C0000000000000E9E9E9E9E9E9E9E9E9A82020202020C92235C0CC
C080040000000000C0C11C012000000000000 0000E8CFE9E9E9E9E9E9E9E9E920202020200922 35C3F3C1D0
000000000C0000000000C0CC00000000000000E9E9E9E9E9E9E9E9E9E9E920202020200922 35C7CA01D0C1DC
000000000C0000000000C000C00000000000E9E9E9E9E9E9E9E9E9E9E920202020200922 35CBC1C1D001D003DC
00060200C00000000000C00001C0D00E9E9E9E9E9E9DD92E7E92020202020092235CFA9C1D001D003E500CC
000000000C0000000000C000CE9E9E9E9E9E9E9E9E9E9E920202020200922 35D39001D001D003DC000000CA
000150015C00000000000CC7E9E3E9E9E9E9E9E9E9E9202020202009 2235D77701D001D003DC000000000C1
C000B0000000000000E9E9D8E9E9E9E9E9E9E9E92020202020092235D85E01D001D003DC00000C00000000000
000000000180 0E9E9E9E9E9E9E9E9AAE8E920202020200922 35DF4501D001D003DC000000000000000300CC
0070000000E9E9E9E9E9E9E9E9E9E9E92020202020092235E32D01D001D003E50000000000000500000000
0000E9E9EA4FE6E9E9E9E9E920202020200922 35E71401D001D003E5000000000000000000C0000000CC
0E9E9E9E9EAEAEAEAEAEA202C2020200922 35EAFB01D001D003E500000000000000000000C000000CC
AE9E9E9E9E9E9E9EA202C202C20092235EEE2C1D001D003E5000000000800000000000000000001600000000
9E9E9E9E9E9E92020202C20C92235F2C9C1D001D003DC0000000000000000000000A00000000000C00000CC
9EA2DE5E92C20202020C92235F6B1C1D001D003DC00000000000000400000200000000000001700001600000
9E9E920202020200922 35FA98C1D0C1D003DC000000000000000000000000000000000000000000000E9E9
92020202020200922 35FE7FC1DCC1D003E500000000000000900000400000000000000160000170000E9E9E9CA
020202009

001D003E5C000000000C2000C00000000000000000F00000000000E9E9E3E9E9E9E9E9E9E920202020202009

1D003E50000000000000000000300000000000000000016E9E9E9E9E9E9E9E988D820202020200922
39A0000010700000900000000005716000013000000000DCE9E9CBE9E9E9E9E9E92020202020200922360E
000000000000008000000000000000000140000000E9E9E9E9BBE8E9E9E9E92020202020092236120301
0090600000000000000000CF17000000000000000D0B1E8E9E9E9E9E9E9E92020202020092236115EA01D8C1
60000000000000000001000000000000000EA81E7E9E9E9E9E9E9E920202020200922361 9D1C1D801D8C3
000000090000A0000000000000001E00DAE9E9E9F9E9EA9EE890E720202020200922361D8901D801D803E5C0
0600000012000000000001A0000C6BE7E9E9E9E9E0E9E9E920202020200922362 1A001D801D803E500000
0010000000000000000000017E9E9E9E9E9E9E9EA2AE520202020200922362 5E701D801D803E5000000000
000000000000C160000E9E9E9E9E9E9DFE9E9E920202020200922362 96E01D801D803E500000000000000C8
00130000000000E9E9E9E2E9E9D8E9E9E920202020200922362D5501D801D803DC000000000000080000
000001200 00E9E9E4E9E9E9D1E9E9E9202020202009223631 3D01D801D803E5000000000000000000000
000000AE9E9E9E9E9E9E9E7E92020202020092236352401D801D803E50000000000000000000000000000
00E9E9E9E9E9E9E9E9E9C32020202020092236390B01D801D803E5000004000000000000000050016C000
E9E9E9E9E9EA7EE7E9202020202009223 63CF2C1D801D803E500000000000000000000000000000000
E9E9E9E9E9E9E92020202020092236 40D9C1D801D803E50000000000000000000000000000000000
E9E9E9E9E92020202020092236 44C1C1D8C1D803E500000000000000000000000000000000000000
E9E9E920202020200922 3648AEC1D801D803E5000000000000000000000000000000000000000000E9E
E92020202020200922364CEFC1D8C1D803E5000000010009000A00000000001700220000C00000000C7E9D8E
2020202009

D801D803E50000000000000C4000000000000000000000D00000000E9E9E9E9E3E9E9E9E9E920202020200
D803E5000000000000000000000000000000000000000000E9E9E9E9E9E9E9E9E9E9202020202009223
E5000000000000000010000000000000000018000000E9E9E9E9E9D1E9E9E9E92020202020092236EC2
00000000000000000000000000000000000000000000E9E9E9E9E9E9E9E9E92020202020092236601301D
000900000000000000000014000000000000000EA1AE4E9E9E9E9E9FA9820202020200922366 3FA01D8C1D
0200000000000001200001700000000000E7EA94E7E9E9E9E9E9E9E92020202020092236 67E1C1D801D8030
00090000000000000001400F00000E9E9EA21E5E8E9E9E9E9E92020202020092236 6BC901D801D803E5000
0000000000000000000000000000E9E9E9E9E9EAE9E9E9E92020202020092236 6F8001D801D803E500000
000000000000000000000E9E9E9E9E9E9E9E9E9E92020202020092236 73 9701D801D803E50000000000A0
000900000000000000EA4FE6E9E9E9E9E9E9E92020202020092236777F01D801D803E5000000000000000
000000000000000E9E9E9E9E9E9E9E9E9E92020202020092236 7B6501D801D803E000000000000000000
00000000015E9E9E9E9E9E9E9E9EA5CE620202020200922367F4D01D801D803E5000000000000000000000
000000E9E9E9E9E9E9E9E9E9E9E920202020200922368334 01D801D803E50000000000000000000200000000
00E9E9E9E9E9D8E9E9E9E9F92020202020092236871801D801D803ED000000000000000000600000000000
E9E9E9EA20E9E9E992020202020092236 8B02C1D801D803E5000000000000000000000000000000000
E9E9E9E9E9E9E92020202020092236 8EE9C1D801D80427000000000000040700000000000000000110E00000
E9E9E9E9E92020202020092236 92D1C1D8C1D803E500000000000000000000000000000000000000000
E9E9E92020202020092236 96B8C1D8C1D8C3ED00000000000000300000000001000000000170000000008FE9E
E92020202020092236 9A9FC1D8C1D803ED00000000000000000000000000000000000000000000000E9E9E9E
2020202009

D801D803ED0000000000000000000000000000000000000000000000E9E9E9E9E9E9E9E9E9C82020202020200
D8042C00000C500000005000000C02001800000015000000 1500E9E9E9E8EAE9E9A3E8E920202020200922 3
DC0000000000000000000000000000000000000000000000E9E9E9E9E9E9E9E9E9E92020202020092236AA3
00000000000000000000000000000000000000000000E9E9E9E9E9E9EAE9E9202020202009223 6AE23C1D
000000000070009000000000000014001000E9E9E9E9E9E8E9B2E8E920202020200922 36B2CA01D801D
00000000009000000000000000000001600 00E9E9E9E9E9E9D9E9E9E92020202020092236B5F1C1D801D803F
00000000000000000000000000000000E9E9E9E9E9E9E9E9E9E92020202020092236B9D9C1D8C1D803ED000
0A0000000000000000001400 0CE9E9E9E9E9E9E7E9E9E920202020200922 36BDC001D801D803ED0000000
00000012000000000000000CE9DFE9E9E9E9E9E9E9E92020202020092236C1A701D801D803ED00000000000
000000001400014 00E9E9E9E9E9E9EA37E5E92020202020092236C58E01D801D803ED00000000000C7000
16000000000000E9E9E8E9E9E9E9E9E9E9E92020202020092236C97501D801D803ED0000000003000000000
00000000000EA53E6E9E9E9E9E9E9E9E92020202020092236CD5D01D801D803ED00000000000000C7000000000
000000E9E9EA8EE7E9E9E9E9E9E92020202020092236D14401D801D803ED000000000000000000000000000
0E9E9E9E9E9E9E9E9E9E9EA2020202020092236D52801D801D803ED000000070000000000000000013000
E6E9E9E9E9E9E9E9E920202020200922 36D912C1E101E103ED00000000000000001000000000000000008
9E6E9E9E9E9E9202020202009223 6DCF9C1E101E103F500000000000000000008000100000000000000190
6E6D4E9E920202020200922 36E0E1C1E101E103ED000000000500000000000000000000007000000000000000
9E9E920202020200922 36E4C8C1E101E103ED000000000070000000000000000000120000000000000000E9E
920202020200922 36E8AFC1E101E103ED0000000000000000000000000000000000000000000000E9E9E9E
020202009

101E103ED0000000200000000000000000001500000000000000EA14E4E9E9E9E9E9E9E920202020200

8CFF8C012E000000000CC9C00C000000000000001700000000000EAEAEBC4E9EAEAEAEAEB2020202020C
8C013D0000CA000000000000000000030000000000000000D7EAEAEAEAEAEAEAEAEA2020202020C92D5
2000000000000000000000000000000C0CC000000000000EAEAEAEAEAEAEAEAEAEA2020202020CC92DEA721
0000000008C000000000000000C0018000000000000EAEAEB87E7EAEAEAEAEA2020202020092D5A75FDFF8
0000000000000000000000000000000000000000EAEAEAEAEAEAEAEAEAEA2020202020092D5A79E4FF8CFF8
0000000000000000000000000000000000000EAEAEAEAEAEAEAEAEAEA2020202020092D5A7DC8FF8CFF8C012
0000000000C0A150000000000000EBDAB0E9EAEAEAEAEAEA2020202020092D5A81B2FF8CFF8C013D000
0000000000000000000000000CEAEAEAEAEAEAEAEAEAEA2020202020092D5A8599FF8CFF8C013D000000
0000000069000000000000000EAEAEB07EAEAEAEAEAEB2020202020092D5A8981FF8CFF8C013D000005C000
0000000017001A0000B5E9EAEAEB92E819E4EA2020202020092D5A8D68FF8CFF8C012E000000000001000
1A000000001A00EAEAEB8E1EAEAEAEB84E9202020202020092D5A914FFF8CFF8C012E000000000000000
0000000000EAEAEAEAEAEAEAEAEAEB2020202020092D5A9536FF8CFF8C012E000006000009000000000
000000D9EAEB07E9EAEAEAEAEA2020202020092D5A991DFF8CFF8C012000000000070000000000000000
00EAEB67E6EAEAEAEAEAEA202020202092D5A9D05FF8CFF8C012E000000000000000000000030000000
EAEAEAEAEAEAEAEBDF202020202092D5AA0ECFF8CFF8C012000000000000000000000000000000000000
EAEAEAEAEAEAEA2020202020092D5AA4D3FF8CFF8C012E000000000000000000000000000000000000
EAEAEAEAEA202020202020092D5AA8BAFF8CFF8C012E000000000006000000090000000001B000000160
E877E720202020202092D5AACA1FF8CFF8C0118000000000000000000000A000000000000000000009EAE
D8202020202020092D5AB0E9FF8CFF8C013D000000000000000000000000000000000000000000EAEBEAE
2020202009

8CFF8C012E000000000000000000000000000000000000000000EAEBEAEAEAEAEAEAEAEA2020202020C
8C01180000000000000000000000000000000000000000000EAEAEAEAEAEAEAEAEAEA2020202020C92D5
2000000000000000000000000CEC000000000000000018EAEAEAEAEAEAEAEAEBE12020202020C092D5AC02
0008000005000800C500001B000001000900018000ADE9EB29E426E41EE4EA2020202020092D5AC40CFF8
0000100000007000000001900000000F0000EAEBEBE1EAEAEBDFEAEA2020202020092D5AC7F4FF8CFF8
0005000000000000019000C160000000000EB17E4EAE1EAEAEAEAEA2020202020092D5ACBDBFF8CFF8C013
0000000000000000A200000000000EAEAEBAEE8EAEAEAEAEA2020202020C092D5ACFC2FF8CFF8C013D000
0000000000CB3000000000000EAEAEB3E3EAEAEAEAEAEB2020202020092D5AD3A9FF8CFF8C013D000001
00A4000000CC170000000CD6EAEAEAEB47EAEAEAEB2020202020092D5AD790FF8CFF8C013D000009000
0000000000000000DAEAEAEAEAEAEAEAEAEA2020202020092D5ADB78FF8CFF8C013D000000000000000
0000000000000EAEAEAEAEAEAEAEAEAEA2020202020092D5ADF5FFF8CFF8C013D000000000C7000000
0000000000EAEBDAEAEAEAEAEAEAEA2020202020092D5AE346FF8CFF8C013D000000000400000000000
000012EAEB0EAEAEAEAEAEB702020202020092D5AE72D5FF8CFF8C013D000000000030000000000000
0E7EAEB6DE7EAEAEAEAEA202020202092D5AEB14FF8CFF8C013D000000000000000000000000000000
EAEAEAEAEAEAEAEAEA2020202009 2D5AEEFCFF8CFF8C013D00000A050000000A000300184A000000C
EAEAEB7CE7EBEA2020202009 2D5AF2E3FF8CFF8C013D000000000000C05000000000000000000C017000000
E6EAEAEAEA2020202009 2D5AF6CAFF8CFF8C013D000000000000000900000000000000000130000000
EAEAEA2020202009 2D5AFAB1FF8CFF8C013D000000000A000000000000000000A000000000000EAE
EA2020202009 2D5AFE9FFF8CFF8C013D000000000000000000000300000000000000000D700EAEAEAE
2020202009

CFF8C013D000000000000C20000000000000000001A000000000EAEAEAEAE3EAEAEAEAEA2020202020C
D0000CE5C000C1C06C000000E19C0001A0004000000E788E7EADCEA21E4EAEA2020202020C92D5BCF3
0000000000000000000000000000000000000000EAEAEAEAEAEAEAEAEAEA2020202020092D5B121CFF8
0000000000000000000000000000000000000EAEAEAEAEAEAEAEAEAEA2020202020092D5B163FF8CFF8
9000500000000000029001B000000000EAEAE864E7BBE9EAEAEA2020202020092D5B19EBFF8CFF8C013
D0600000000000000000C3E000000EAEAEAEAEB79E7EAEA2020202020092D5B1DD2FF8CFF8C012E000
000000000000000000000000CEAEAEAEAEAEAEAEAEAEA2020202020092D5B2189FF8CFF8C012E000000
0000000000000000000CEAEAEAEAEAEAEAEAEAEA2020202020092D5B25A0FF8CFF8C012E000000000000
000000000000000000EAEAEAEAEAEAEAEAEAEB2020202020092D5B2987FF8CFF8C0118000009000000000
000000000000C79E7EAEAEAEAEAEAEAEA2020202020092D5B2D6FFF8CFF8C0118000000000ACC000000000
00000EAEAEAEAEBA0E8EAEAEA2020202020092D5B3156FF8CFF8C0110000000000000000000C90000000
0EAEAEAEAEAEAEAEAEAEA202020202092D5B3353DFF8CFF8C012000000000000000000000000000000
AEAEAEAEAEBDBEAEA2020202020092D5B3924FF8CFF8C013D000000000000000000040000000000000
BE2EAEAEAEAEA2020202020092D5B40F3FF8CFF8C013D000000000000040000000000000000C00E0000
AEAEAEAEB2020202020092D5B44DAFF8CFF8C013D000004000000000000000000280000000000000000
AEAEB2020202020092D5B48C1FF8CFF8C013D000006000000000000000000E000000000000000002FE
A2020202020092D5B4CA8FF8CFF8C013D000000000000000000000900000000000000000001000EAEAEAE
0202020009

CFF8C013D000000000000000000000000000000000000000000EAEAEAEAEAEAEAEAEAEB2020202020C

8C013D0000C20000C0CCCCC00C00001200CCC0000000000000E1EAEAEAEAEAEAEAEAEA2020202020C92D
3D000000C0CCCCCC00000CCA0C00000000000000000002A00EAEAEAEAEAEAEAE88FE92020202020C92D585C
000000C0C0CCC9CCCCCA CCC00CC000001A0000110 0EAFAEAEAEBD9EAEBD1EA20202020200092D5B602CFF
0000000000CCCC8C000CC000C000000004100EAEAEAEAEAEAEAEB39E520202020200092D5B6413FF8CFF
00000C000C1C000000C000CCCC00CC01C0000EAEAEAEAEAEAEBC2E9EA20202020200092D5B67FAFF8CFF8C01
0000000000C016000000C00CC0000EB6FE7EAEAEAEAEAEAEA20202020200092D5B6BE2FF8CFF8C013D00
0000000010C500002600CCCC0CEBB16CE6EA36E5EAEAEA20202020200092D5B6FC9FF8CFF8C013D00000C
000000000 0C000000000CEAEAEAEAEAEAEAEAEAEB20202020200092D5B73B0FF8CFF8C013D00000300000
000000000C0CCC000003 2E9EAEAEAEAEAEAEAEA20202020200092D5B7797FF8CFF8C013D0000000000CA
0025000016CCCCEAEAEAEB6CE7EAE9EAEA20202020200092D5B7B7EFF8CFF8C013D000000000000000000
0000001500EAEAEAEAEAEAEAEAEB64E720202020200092D5B7F66FF8CFF8C015A000002000000C0C050000
000000C6E9EAEAEAE4D6EAEAEA20202020200092D5B834DFF8CFF8C013D000000000000000000C00C00C0
00EAEAEAEAEAEAEAEAEAEA202C202020092D5B8734FF8CFF8C013D000000000000200000009000000000C0
EAEB8DE7EAEBC3E9EA202C202C2C0092D5B8B1BFF8CFF8C013D0000000000900000000000000000C01500000
E8EAEAEAEAEAEA20202020200092D5B8FC2FF8CFF8C013D0000000000000000000000008000000000000000
EAEAEB54E6202020202C092D5B92EAFF8CFF8C013D000000000000000030900000000000000000004C30000
EAEAEA2020202C20200092D5B96D1FF8CFF8C013D0000000000000000700000000000000000012000000EAE
EA20202020200092D5B9AB8FF8CFF8C013D000000030000060000000000000160000170000000000EBDCEAE
020202020C09

F8CFF8C012ECCC000CCC8CECCCCCACCC000000000C1900001A000000EAEAE7E7EAEB8EE7EAEA20202020200
8C013D0000000001C400CCC00C000000000151100000000000EAEBDB83E7EAEAEAEAEA20202020200092D5
3D000C0C0CCCCC8C003CCC00C0000000A7C01A000000EAEAEAEB70E7DFEAEAEA20202020200092D5BAA
0000C40000CCCC000000CC1C01C00000000000000023EAE9EAEAEAEAEAEAEBC820202020200092D5BAE3CFF
000C0000C0CCCCC0013CCC00C000000000000008CE7EAEAEAEAEAEAEAEA20202020200092D5BB223FF8CFF
000000C000C00C4000C000CCC00CC0000001CEAEAEAEAEAEAEAEAEBA820202020200092D5BB60AFF8CFF8C01
000CC0C0C00C000000000CCC00C0000E8EAEAEAEAEAEAEAEAEA20202020200092D5BB9F1FF8CFF8C012E00
000000C000C018000C0000CCC00CEAEAEBC0E9EAEAEAEAEA20202020200092D5BBDD9FF8CFF8C012E0000C0
000000D000C0C00000000000CEBE1EAEAEAEAEAEAEAEA20202020200092D5BC1C0FF8CFF8C0110000004000
0C0000000C0CCC0000CE8EAEBEAEAEAEAEAEAEBE120202020200092D5BC5A7FF8CFF8C012E0000CC000000C0
0000000000C0CCC0EAEAEAEAEAEAEAEAEAEA20202020200092D5BC98EFF8CFF8C012E00000006000000000
00000000016EBDDEAEAEAEAEAEAEAEA20202020200092D5BCD75FF8CFF8C013D000000000000CCC000CC0C0
000000EAEAEAEAEAEAEAEAEAEAEA20202020200092D5BD15CFF8CFF8C013D0000000005000000C7000CCC0C0
000EAEAEBEAEAEAEAEAEAEA202C202020092D5BD544FF8CFF8C012E000001000600000000900C01C001F
EBCDE9EAEAEB9AE8EA202C202C20092D5BD92BFF8CFF8C012E0000000500000010000000000019000000C0
EAEBDAEAEAEAEA2020202C20092D5BDD12FF8CFF8C013D00000000090000400000000000001000001A00
D0EAEAEAEA20202020200920 5BE0F9FF8CFF8C015A00000000000000000300000000000000000000190000000
EAEAEA20202020200092D5BE4ECFF8CFF8C012E000000000000000000000000000000000000000000000EAE
EB20202020200092D5BE8C8FF8CFF8C012E000020004040800000000009001A1818000000000082E9E0
020202020209