

Data Set Catalog # 190
(continued)

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1. INTRODUCTION:

The documentation for this data set was originally on paper, kept in NSSDC's Data Set Catalogs (DSCs). The paper documentation in the Data Set Catalogs have been made into digital images, and then collected into a single PDF file for each Data Set Catalog. The inventory information in these DSCs is current as of July 1, 2004. This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system. The information existing in the DSCs is now not needed for locating the data files, but we did not remove that inventory information.

The offline tape datasets have now been migrated from the original magnetic tape to Archival Information Packages (AIP's).

A prior restoration may have been done on data sets, if a requestor of this data set has questions; they should send an inquiry to the request office to see if additional information exists.

2. ERRATA/CHANGE LOG:

NOTE: Changes are made in a text box, and will show up that way when displayed on screen with a PDF reader.

When printing, special settings may be required to make the text box appear on the printed output.

Version	Date	Person	Page	Description of Change
01				
02				

3 LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC
INFORMATION SYSTEM:

<http://nssdc.gsfc.nasa.gov/nmc/>

[NOTE: This link will take you to the main page of the NSSDC Master Catalog. There you will be able to perform searches to find additional information]

4. CATALOG MATERIALS:

- a. Associated Documents To find associated documents you will need to know the document ID number and then click here.
<http://nssdcftp.gsfc.nasa.gov/miscellaneous/documents/>

- b. Core Catalog Materials

ATS-5

40-120 KV EL, 60-165 KV PROTON, TAPE

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THIS DATA SET HAS BEEN RESTORED. ORIGINALLY IT CONTAINED 319 7-TRACK, 800 BPI TAPES WRITTEN IN BINARY. THERE ARE 34 RESTORED TAPES. THE FOLLOWING TAPES WERE LOST AND THE DATA WAS NOT RECOVERED, D008480 - 008489 and D008499. THE DR TAPES ARE 3480 CARTRIDGES AND THE DS TAPES ARE 9-TRACK, 6250 BPI. THE ORIGINAL TAPES WERE CREATED ON AN IBM 360 COMPUTER AND WERE RESTORED ON THE MODCOMP IV COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBERS AND TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR003565	DS003565	D008182	1-30	09/16/69 - 09/16/69 (a)
		D008183	31-56	09/17/69 - 09/17/69 (b)
		D008185	57-84	09/18/69 - 09/18/69
		D008184	85-111	09/18/69 - 09/18/69
		D008186	112-134	09/20/69 - 09/20/69
		D008187	135-162	09/22/69 - 09/22/69
		D008188	163-177	09/24/69 - 09/24/69
		D008189	178-206	09/25/69 - 09/25/69
		D008190	207-236	09/26/69 - 09/26/69
		D008191	237-263	09/27/69 - 09/27/69
DR003566	DS003566	D008192	1-19	09/27/69 - 09/28/69
		D008193	20-50	09/29/69 - 09/29/69
		D008194	51-78	10/01/69 - 10/01/69
		D008195	79-107	10/02/69 - 10/02/69
		D008196	108-134	10/04/69 - 10/04/69
		D008197	135-161	10/05/69 - 10/05/69
		D008198	162-188	10/06/69 - 10/06/69
		D008199	189-215	10/07/69 - 10/07/69 (c)
		D008200	216-241	10/08/69 - 10/08/69
		D008201	242-257	10/09/69 - 10/09/69
DR003567	DS003567	D008202	1-25	10/10/69 - 10/10/69
		D008203	26-52	10/11/69 - 10/11/69
		D008204	53-81	10/12/69 - 10/12/69
		D008205	82-103	10/13/69 - 10/13/69
		D008206	104-131	10/14/69 - 10/14/69

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DR#	DS#	D#	FILES	TIME SPAN
DR003568	DS003568	D008216	1-20	10/25/69 - 10/25/69
		D008217	21-45	10/25/69 - 10/26/69
		D008218	46-73	10/27/69 - 10/27/69
		D008219	74-98	10/28/69 - 10/28/69
		D008220	99-116	10/29/69 - 10/29/69
		D008221	117-136	10/30/69 - 10/30/69
		D008222	137-164	10/30/69 - 10/31/69
		D008223	165-193	10/31/69 - 11/01/69
		D008224	194-221	11/01/69 - 11/02/69 (d)
		D008225	222-242	11/03/69 - 11/03/69 (e)
		D008226	243-269	11/04/69 - 11/04/69 (f)
		D008227	270-302	11/04/69 - 11/04/69
DR003569	DS003569	D008228	1-25	11/06/69 - 11/06/69
		D008229	26-50	11/07/69 - 11/07/69
		D008230	51-77	11/07/69 - 11/07/69
		D008231	78-100	11/10/69 - 11/10/69
		D008232	101-113	11/11/69 - 11/11/69
		D008233	114-126	11/12/69 - 11/12/69
DR003570	DS003570	D008234	1-27	11/13/69 - 11/13/69
		D008235	28-55	11/14/69 - 11/14/69
		D008236	56-84	11/15/69 - 11/15/69
		D008237	85-109	11/16/69 - 11/16/69
		D008238	110-138	11/17/69 - 11/17/69
		D008239	139-168	11/18/69 - 11/18/69
		D008240	169-198	11/19/69 - 11/19/69
		D008241	199-226	11/21/69 - 11/21/69
		D008242	227-254	11/21/69 - 11/21/69
		D008243	255-282	11/23/69 - 11/23/69 (g)
DR003571	DS003571	D008244	1-28	11/24/69 - 11/24/69
		D008245	29-56	11/25/69 - 11/25/69 (h)
		D008246	57-84	11/26/69 - 11/26/69
		D008247	85-114	11/27/69 - 11/27/69
		D008248	115-143	11/28/69 - 11/28/69
		D008249	144-173	11/29/69 - 11/29/69
		D008250	174-201	11/30/69 - 11/30/69
		D008251	202-229	12/01/69 - 12/01/69
		D008252	230-258	12/02/69 - 12/02/69
DR003572	DS003572	D008253	1-27	12/03/69 - 12/03/69 (i)
		D008254	28-54	12/04/69 - 12/04/69
		D008255	55-83	12/05/69 - 12/05/69
		D008256	84-112	12/06/69 - 12/06/69
		D008257	113-140	12/07/69 - 12/07/69
		D008258	141-167	12/08/69 - 12/08/69
		D008259	168-183	12/09/69 - 12/09/69
		D008260	184-213	12/10/69 - 12/10/69
		D008261	214-242	12/11/69 - 12/11/69
		D008262	243-270	12/12/69 - 12/12/69

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DR#	DS#	D#	FILES	TIME SPAN
DR003573	DS003573	D008263	1-28	12/13/69 - 12/13/69
		D008264	29-57	12/14/69 - 12/14/69
		D008265	58-85	12/15/69 - 12/15/69
		D008266	86-113	12/16/69 - 12/16/69
		D008267	114-143	12/17/69 - 12/17/69
		D008268	144-173	12/18/69 - 12/18/69
		D008270	174-201	12/20/69 - 12/20/69
		D008271	202-228	12/21/69 - 12/21/69
		D008272	229-257	12/22/69 - 12/22/69
		D008273	258-288	12/23/69 - 12/23/69
Dr003574	DS003574	D008274	1-28	12/24/69 - 12/24/69 (j)
		D008275	29-58	12/26/69 - 12/26/69
		D008276	59-86	12/27/69 - 12/27/69
		D008277	87-109	12/28/69 - 12/28/69
		D008278	110-138	12/29/69 - 12/29/69
		D008279	139-168	12/30/69 - 12/30/69
		D008280	169-197	12/31/69 - 12/31/69
		D008281	198-223	01/01/70 - 01/01/70
		D008282	224-253	01/02/70 - 01/02/70
		D008283	254-281	01/03/70 - 01/03/70
DR003575	DS003575	D008284	1-29	01/04/70 - 01/04/70
		D008285	30-57	01/05/70 - 01/05/70
		D008286	58-86	01/06/70 - 01/06/70
		D008287	87-116	01/07/70 - 01/07/70
DR003576	DS003576	D008288	1-30	01/08/70 - 01/08/70
		D008289	31-58	01/10/70 - 01/10/70
		D008290	59-86	01/11/70 - 01/11/70 (k)
		D008291	87-115	01/12/70 - 01/12/70
		D008292	116-139	01/13/70 - 01/13/70
		D008293	140-167	01/14/70 - 01/14/70 (l)
		D008294	168-195	01/15/70 - 01/15/70
		D008295	196-226	01/16/70 - 01/16/70
		D008296	227-252	01/17/70 - 01/17/70
DR003577	DS003577	D008297	253-281	01/18/70 - 01/18/70
		D008298	1-30	01/19/70 - 01/19/70
		D008299	31-59	01/20/70 - 01/20/70
		D008300	60-85	01/21/70 - 01/21/70
		D008301	86-113	01/23/70 - 01/23/70
		D008302	114-143	01/24/70 - 01/24/70
		D008303	144-171	01/25/70 - 01/25/70 (m)
		D008304	172-200	01/27/70 - 01/27/70
		D008305	201-231	01/28/70 - 01/28/70
		D008306	232-261	01/29/70 - 01/29/70
		D008307	262-292	01/31/70 - 01/31/70

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DR#	DS#	D#	FILES	TIME SPAN	
DR003578	DS003578	D008308	1-26	02/02/70 - 02/02/70	
		D008309	27-55	02/03/70 - 02/03/70	
		D008310	56-82	02/04/70 - 02/04/70	
		D008311	83-109	02/05/70 - 02/05/70	
		D008312	110-138	02/06/70 - 02/06/70	
		D008313	139-168	02/07/70 - 02/07/70	
		D008314	169-192	02/08/70 - 02/08/70	(n)
		D008315	193-220	02/09/70 - 02/09/70	
		D008316	221-248	02/10/70 - 02/10/70	
		D008317	249-275	02/11/70 - 02/11/70	
DR003579	DS003579	D008318	1-26	02/12/70 - 02/12/70	
		D008319	27-56	02/13/70 - 02/13/70	
		D008320	57-85	02/14/70 - 02/14/70	
		D008321	86-114	02/15/70 - 02/15/70	
		D008322	115-144	02/16/70 - 02/16/70	
		D008323	145-172	02/17/70 - 02/17/70	
		D008324	173-200	02/18/70 - 02/18/70	
		D008325	201-228	02/19/70 - 02/19/70	
		D008326	229-256	02/20/70 - 02/20/70	
		D008327	257-282	02/21/70 - 02/21/70	
DR003580	DS003580	D008328	1-29	02/22/70 - 02/22/70	
		D008330	30-58	02/23/70 - 02/23/70	
		D008329	59-85	02/23/70 - 02/23/70	
		D008331	86-116	02/25/70 - 02/25/70	
		D008332	117-146	02/26/70 - 02/26/70	
		D008333	147-178	02/27/70 - 02/27/70	
		D008334	179-209	02/28/70 - 02/28/70	
		D008335	210-238	03/01/70 - 03/01/70	
		D008336	239-265	03/02/70 - 03/02/70	
DR003581	DS003581	D008337	1-27	03/03/70 - 03/03/70	
		D008338	28-57	03/04/70 - 03/04/70	
		D008339	58-86	03/05/70 - 03/05/70	
		D008340	87-112	03/06/70 - 03/06/70	
		D008341	113-140	03/08/70 - 03/08/70	
		D008342	141-170	03/09/70 - 03/09/70	
		D008343	171-201	03/10/70 - 03/10/70	
		D008344	202-229	03/11/70 - 03/11/70	
		D008345	230-258	03/12/70 - 03/12/70	(o)
		D008346	259-289	03/13/70 - 03/13/70	
DR003582	DS003582	D008347	1-30	03/14/70 - 03/14/70	
		D008348	31-60	03/15/70 - 03/15/70	(p)
		D008349	61-90	03/16/70 - 03/16/70	
		D008350	91-115	03/17/70 - 03/17/70	
		D008351	116-145	03/18/70 - 03/18/70	
		D008352	146-176	03/19/70 - 03/19/70	
		D008353	177-207	03/20/70 - 03/20/70	
		D008354	208-235	03/21/70 - 03/21/70	
		D008355	236-260	03/22/70 - 03/22/70	
		D008356	261-287	03/23/70 - 03/23/70	(q)

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DR#	DS#	D#	FILES	TIME SPAN
DR003583	DS003583	D008357	1-27	03/24/70 - 03/24/70
		D008358	28-46	03/26/70 - 03/26/70
		D008359	47-76	03/27/70 - 03/27/70
		D008360	77-101	03/28/70 - 03/29/70
		D008361	102-132	03/30/70 - 03/30/70 (r)
		D008362	133-161	03/31/70 - 03/31/70 (s)
		D008363	162-190	04/01/70 - 04/01/70 (t)
		D008364	191-213	04/02/70 - 04/02/70
		D008365	214-243	04/03/70 - 04/03/70
		D008366	244-271	04/04/70 - 04/04/70
DR003584	DS003584	D008367	1-29	04/05/70 - 04/05/70
		D008368	30-60	04/06/70 - 04/06/70
		D008369	61-92	04/07/70 - 04/07/70
		D008370	93-124	04/08/70 - 04/08/70
		D008371	125-150	04/09/70 - 04/09/70
		D008372	151-182	04/10/70 - 04/10/70
		D008373	183-212	04/11/70 - 04/11/70
		D008374	213-242	04/12/70 - 04/12/70
		D008375	243-272	04/13/70 - 04/13/70
		D008376	273-303	04/14/70 - 04/14/70
DR003585	DS003585	D008377	1-31	04/15/70 - 04/15/70
		D008378	32-60	04/16/70 - 04/16/70
		D008379	61-80	04/17/70 - 04/17/70
		D008380	81-108	04/18/70 - 04/18/70 (u)
		D008381	109-139	04/19/70 - 04/19/70
		D008382	140-166	04/20/70 - 04/20/70
		D008383	167-191	04/21/70 - 04/21/70
		D008384	192-219	04/22/70 - 04/22/70
		D008385	220-247	04/24/70 - 04/24/70
		D008386	248-278	04/25/70 - 04/25/70
DR003586	DS003586	D008387	1-27	04/26/70 - 04/26/70
		D008388	28-57	04/27/70 - 04/27/70
		D008389	58-81	04/28/70 - 04/28/70 (v)
		D008390	82-111	04/29/70 - 04/29/70
		D008391	112-138	04/30/70 - 04/30/70
		D008392	139-170	05/01/70 - 05/01/70
		D008393	171-199	05/02/70 - 05/02/70
		D008394	200-229	05/03/70 - 05/03/70
		D008395	230-257	05/04/70 - 05/04/70 (w)
DR003587	DS003587	D008396	1-26	05/05/70 - 05/05/70
		D008397	27-55	05/06/70 - 05/06/70
		D008398	56-84	05/07/70 - 05/07/70 (x)
		D008399	85-113	05/08/70 - 05/08/70
		D008400	114-139	05/09/70 - 05/09/70
		D008401	140-170	05/10/70 - 05/10/70
		D008402	171-195	05/11/70 - 05/11/70
		D008403	196-219	05/12/70 - 05/12/70
		D008404	220-224	05/13/70 - 05/13/70 (y)
		D008405	225-253	05/14/70 - 05/14/70
		D008406	254-279	05/15/70 - 05/15/70

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DR#	DS#	D#	FILES	TIME SPAN
DR003588	DS003588	D008407	1-28	05/16/70 - 05/16/70
		D008408	29-56	05/17/70 - 05/17/70
		D008409	57-73	05/18/70 - 05/18/70
		D008410	74-106	05/19/70 - 05/19/70
		D008411	107-137	05/20/70 - 05/20/70
		D008412	138-166	05/21/70 - 05/21/70
		D008413	167-197	05/22/70 - 05/22/70
		D008414	198-226	05/23/70 - 05/23/70
		D008415	227-253	05/24/70 - 05/24/70 (z)
		D008416	254-284	05/25/70 - 05/25/70
DR003589	DS003589	D008417	1-31	05/26/70 - 05/26/70
		D008418	32-59	05/27/70 - 05/27/70
		D008419	60-89	05/28/70 - 05/28/70
		D008420	90-120	05/29/70 - 05/29/70
		D008421	121-148	05/30/70 - 05/30/70
		D008422	149-177	05/31/70 - 05/31/70
		D008423	178-205	06/01/70 - 06/01/70
		D008424	206-232	06/02/70 - 06/02/70
		D008425	233-262	06/03/70 - 06/03/70
		D008426	263-292	06/04/70 - 06/04/70 (aa)
DR003590	DS003590	D008427	1-28	06/05/70 - 06/05/70
		D008428	29-58	06/06/70 - 06/06/70
		D008429	59-82	06/07/70 - 06/07/70
		D008430	83-111	06/08/70 - 06/08/70
		D008431	112-143	06/11/70 - 06/11/70
		D008432	144-176	06/12/70 - 06/12/70
		D008433	177-207	06/13/70 - 06/13/70
		D008434	208-239	06/14/70 - 06/14/70
		D008435	240-269	06/15/70 - 06/15/70
		D008436	270-298	06/16/70 - 06/16/70
DR003591	DS003591	D008437	1-30	06/17/70 - 06/17/70
		D008438	31-60	06/18/70 - 06/18/70
		D008439	61-90	06/19/70 - 06/19/70
		D008440	91-120	06/20/70 - 06/20/70
		D008441	121-148	06/21/70 - 06/21/70
		D008442	149-178	06/22/70 - 06/22/70 (bb)
		D008443	179-208	06/23/70 - 06/23/70
		D008444	209-231	06/24/70 - 06/24/70
		D008445	232-256	06/25/70 - 06/25/70
		D008446	257-280	06/26/70 - 06/26/70
DR003592	DS003592	D008447	1-30	06/26/70 - 06/26/70
		D008448	31-60	06/28/70 - 06/28/70
		D008449	61-87	07/01/70 - 07/01/70

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DR#	DS#	D#	FILES	TIME SPAN
DR003593	DS003593	D008450	1-29	07/04/70 - 07/04/70 (cc)
		D008451	30-57	07/05/70 - 07/05/70
		D008452	58-86	07/06/70 - 07/06/70
		D008453	87-113	07/07/70 - 07/07/70
		D008454	114-139	07/09/70 - 07/09/70
		D008455	140-167	07/11/70 - 07/11/70
		D008456	168-196	07/12/70 - 07/12/70
		D008457	197-212	07/13/70 - 07/13/70
		D008458	213-242	07/14/70 - 07/14/70
		D008459	243-270	07/15/70 - 07/15/70
DR003594	DS003594	D008460	1-31	07/16/70 - 07/16/70
		D008461	32-62	07/17/70 - 07/17/70
		D008462	63-91	07/18/70 - 07/18/70
		D008463	92-121	07/19/70 - 07/19/70
		D008464	122-150	07/20/70 - 07/20/70
		D008465	151-175	07/21/70 - 07/21/70
		D008466	176-207	07/22/70 - 07/22/70
		D008467	208-229	07/23/70 - 07/23/70
		D008468	230-260	07/24/70 - 07/24/70
		D008469	261-288	07/25/70 - 07/25/70
DR003595	DS003595	D008470	1-30	07/26/70 - 07/26/70 (dd)
		D008471	31-52	07/27/70 - 07/27/70
		D008472	53-82	07/29/70 - 07/29/70
		D008473	83-113	07/30/70 - 07/30/70
		D008474	114-141	07/31/70 - 07/31/70
		D008475	142-169	08/01/70 - 08/01/70
		D008476	170-198	08/02/70 - 08/02/70 (ee)
		D008477	199-228	08/04/70 - 08/04/70
		D008478	229-255	08/05/70 - 08/05/70
		D008479	256-285	08/07/70 - 08/07/80
DR003597	DS003597	D008490	1-29	09/16/70 - 09/16/70
		D008491	30-58	09/17/70 - 09/17/70 (ff)
		D008492	59-84	09/19/70 - 09/19/70
		D008493	85-113	09/25/70 - 09/25/70
		D008494	114-142	09/26/70 - 09/26/70
		D008495	143-172	09/27/70 - 09/27/70 (gg)
		D008496	173-201	09/28/70 - 09/28/70
		D008497	202-229	09/29/70 - 09/29/70 (hh)
		D008498	230-258	09/30/70 - 09/30/70
		D008500	259-289	04/09/71 - 04/09/71 (ii)
DR003798	DS003798	D008207	1-26	10/16/69 - 10/16/69
		D008208	27-52	10/17/69 - 10/17/69
		D008209	53-83	10/18/69 - 10/18/69
		D008210	84-110	10/19/69 - 10/19/69
		D008211	111-140	10/20/69 - 10/20/69
		D008212	141-169	10/21/69 - 10/21/69
		D008213	170-202	10/22/69 - 10/22/69
		D008214	203-221	10/23/69 - 10/23/69
		D008215	222-241	10/24/69 - 10/24/69
		D008269	242-269	12/19/69 - 12/19/69

ATSE - 3DME INTERMEDIATE TAPE SUMMARY

INITIAL TAPE GOOD DATE GROUP EXPERIMENT
 AT5 106 1970 2 21 106 3 DME

SATL. NO.	STATION NO.	TAPE NO.	GROUP NO.	FILE STATUS	PERCENTAGES OF DATA RECOVERY	COMM. FILTER	FILE NO.	TIME DISCONTINUITIES	SEQUENCE
1	47	578	106	1	99.45	3.16	2	1	1
1	47	579	106	1	99.78	1.57	3	1	1
1	20	900	106	1	99.75	.63	4	0	0
1	47	581	106	1	99.88	.48	5	1	5
1	47	582	106	1	99.92	.37	6	0	0
1	47	583	106	1	99.96	.10	7	2	2
1	47	584	106	1	99.91	.10	8	1	1
1	3	203	106	1	99.86	.44	9	1	1
1	3	204	106	1	99.79	5.33	10	1	1
1	3	205	106	1	99.91	.27	11	1	1
1	3	206	106	1	99.89	4.13	12	1	1
1	3	207	106	1	99.93	.27	13	1	1
1	3	208	106	1	99.64	31.29	14	1	4
1	20	901	106	1	99.98	.02	15	1	1
1	20	902	106	1	99.97	.20	16	1	1
1	20	903	106	1	99.96	.01	17	1	1
1	20	904	106	1	99.94	.35	18	1	1
1	20	905	106	1	99.96	0.	19	1	1
1	20	906	106	1	99.92	3.12	20	1	1
1	20	907	106	1	99.98	.22	21	1	1
1	20	908	106	1	99.92	3.71	22	1	1
1	58	361	106	1	98.23	39.86	23	0	4
1	58	362	106	1	98.67	12.70	24	0	0
1	3	209	106	1	99.94	12.36	25	0	14
1	3	210	106	1	98.93	31.30	26	1	10
1	3	211	106	1	98.33	3.12	27	1	1
1	3	212	106	1	97.66	17.68	28	1	1

D8245

Good

NOV 1, 1970

ATSE - 3DME INTERMEDIATE TAPE SUMMARY

FILE NO.	FILE START MS.	DAY	H	M	S	FILE END MS.	DAY	H	M	S
2	1418	329	0	0	1.418	2995843	329	0	49	55.843
3	3000963	329	0	50	.963	5396506	329	1	29	56.506
4	5401627	329	1	30	1.527	9000052	329	2	30	.052
5	9005172	329	2	30	5.172	12475933	329	3	27	55.633
6	12511464	329	3	28	31.464	15598022	329	4	19	58.022
7	15603141	329	4	20	3.141	18899563	329	5	14	59.563
8	18904682	329	5	15	4.682	19795331	329	6	29	55.331
9	19800447	329	5	30	.447	23398873	329	6	29	58.873
10	23403994	329	6	30	3.994	26655301	329	7	24	55.301
11	26700420	329	7	25	.420	29996846	329	8	19	56.846
12	30001966	329	8	20	1.966	33298396	329	9	14	58.396
13	33303514	329	9	15	3.514	36594824	329	10	9	54.824
14	36599947	329	10	9	59.947	37910330	329	10	31	50.330
15	37915449	329	10	31	55.449	41099273	329	11	24	59.273
16	41104391	329	11	25	4.391	44400824	329	12	20	.824
17	44405942	329	12	20	5.942	47717733	329	13	15	17.733
18	47722952	329	13	15	22.852	51034643	329	14	10	34.643
19	51039761	329	14	10	39.761	54305484	329	15	5	54.484
20	54310694	329	15	5	10.604	57601918	329	16	0	1.918
21	57607037	329	16	0	7.037	60908593	329	16	55	8.593
22	60913712	329	16	55	13.712	63943047	329	17	24	43.087
23	66615931	329	18	30	15.931	70199013	329	19	24	59.013
24	70352576	329	19	32	32.576	73797452	329	20	24	57.452
25	73812809	329	20	30	12.809	77395880	329	21	24	55.888
26	77401010	329	21	30	1.010	80697445	329	22	24	57.445
27	80702567	329	22	25	2.567	83999004	329	23	19	59.004
28	84004123	329	23	20	4.123	900559	330	0	15	.559

FILE 0001 REC 0001 CH 0060
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0049 555501242355 343341555555
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0049 235000000000 323716450705 000000003237 331311520000 000032373645 657700000000 323754254732 000000003237
0097 707232040000 000032400540 345600000000 324022063732 000000003240 365322130000 000032404354 347100000000
0145 324057670007 000000003240 743502660000 000032411106 654400000000 324125605021 000000003241 421713140000
0193 000032415663 757500000000 324173332060 000000003242 211331730000 000032423733 530000000000 324254503511
0241 000000003242 722436620000 000032430672 414700000000 324323404433 000000000000 000000000000 000000000000
0289 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0337 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0385 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0433 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0481 000000000000 000000000000 000000000000 000000000000 323636371203 000000003236 475120320000 000032366531
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0577 542427310000 000032377071 120500000000 324005371456 000000003240 220517340000 000032403652 021000000000
0625 324043531472 000000003240 576560110000 000032407433 627000000000 324111054545 000000003241 255730230000
0673 000032414215 731400000000 324155625576 000000003241 733200610000 000032420343 101700000000 324235651345
0721 000000003242 544455140000 000032427223 166000000000 324306712145 000000003243 233724340000 000032434005
0769 271700000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0817 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0865 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0913 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0961 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
1009 000600000000 000000401430 000000000000 004026220000 000000000000 450400000000 000000406326 000000000000
1057 004100000000 000000000041 153200000000 000000412114 000000000000 004137760000 000000000041 554000000000
1105 000000417302 000000000000 004210440000 000000000042 260600000000 000000423340 000000000000 004250420000
1153 000000000042 660400000000 000000430346 000000000000 004321100000 000000000043 364200000000 000000435404
1201 000000000000 004371460000 000000000044 023000000000 000000442102 000000000000 004437140000 000000000044
1249 556600000000 000000447330 000000000000 004510720000 000000000000 000000000000 000000000000 000000000000
1297 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
1345 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
1393 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
1441 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
1489 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000

FILE 0002 REC 0001 CH 0114
0001 000000000000 000000010000 000000000000 005700000000 000000001102 000000000000 000036610000 000000000000
0049 001300000000 000000000030 000000000000 000001510000 000000000000 000100000000 000000023331 000000000000
0097 000004740000 000000000000 000200000000
105 578 1969

FILE 0002 REC 0002 CH 4860
0001 172241553117 224027511722 412231172241 715117217735 311722422751 172240633117 224241511722 413331172242
0049 055117224242 311722425451 172241333117 224227511722 420331172242 365117224247 311722425451 172243763117
0097 224132511722 415031172242 765117224340 311722414751 172242143117 224164511722 430631172241 105117224376
0145 311722417551 172242033117 217564511722 403131172242 415117224161 311721751051 17235431317 23434231721
0193 410763172252 262617217432 461713507566 172252563217 215747521714 560572172261 403617215202 561714631476
0241 172241053117 217673511722 412231172240 335117217712 311722405151 172241443117 224136511722 422531172240
0289 235117224327 311722421451 172242573117 224241511722 431731172241 605117224357 311722413251 172243233117
0337 224103511722 444031172243 105117224275 311722421151 172341752317 234213431720 577763172244 672517224575
0385 450000000065 172241773117 224223511714 631471172173 113517217245 551715463175 172242203117 1722425511722
0433 441131172242 115117224515 311722414351 172241723117 224211511722 422531172241 715117224236 311722407751
0481 172177003117 217737511722 404131172241 255117224161 311722410351 172242103117 224272511722 424731172240
0529 445117224306 311722400151 172354562317 234360431721 506363172253 362617217131 461713507566 172250033217
0577 215431520000 000072172167 103617214755 561714631476 172242533117 224223511722 421431172242 325117224270
0625 311722422051 172243273117 224132511722 435431172242 765117224411 311722421151 172242313117 224001511722
0673 430131172175 315117224270 311721753151 172241663117 217726511722 423631172242 025117224210 311721771551
0721 000000000000 000005110000 000000000000 261200000000 000000476706 000000000000 000000220000 000000000000
0769 000200000000 000000000030 172563000000 000000001724 600000000000 000017266440 000000000000 172243173117
0817 224153511722 427531172242 115117224312 117222420251 172242643117 224171511722 434431172241 435117224354
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0913 416131172241 365117224231 311722411451 172242313117 224205511722 425731172241 645117224210 311722430551
0961 172242363117 224257511722 440631172242 205117224275 311722427251 172342732317 234231431720 643663172173
1009 632617217345 460000000066 172152133217 215477520000 000072172154 043617214045 561715436576 172242033117

1057	224012511721	763031172243	445117224275	311722425451	172241443117	224121511722	436731172240	735117224225
1105	311722416051	172241723117	224077511721	763031172241	715117224116	311722404051	172177613117	224033511722
1153	406331172176	735117224140	311722435051	172354712317	234462431721	632763172255	722517224547	451713507565
1201	172241773117	224062511713	507571172172	153517217037	551714702475	172243343117	224227511722	413331172242
1249	575117224155	311722413651	172242143117	224232511722	410531172240	625117224323	311722413651	172241773117
1297	224160511722	427531172242	205117224236	311722414351	172244023117	224202511722	416131172242	455117224144
1345	311722413251	172342072317	234205431720	527063172172	002617217775	461712753466	172250763217	215701521713
1393	507572172257	563617215133	561714507576	172241613117	224171511722	417731172242	025117224203	311722403351
1441	172243013117	224147511722	404131172241	255117224063	311722421151	172240073117	224062511722	423631172241
1489	145117224301	311722417151	172243123117	224055511722	423631172243	725117224264	311722410351	000000000000
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1681	172242253117	224245511722	416131172242	235117224421	311722432351	172243123117	224227511722	423631172241
1729	255117224275	311722426351	172243733117	224051511722	435431172240	735117224225	311721766251	172241163117
1777	224005511721	772431172241	715117224041	311722411051	172354402317	234371431721	425663172252	312617217334
1825	461713507566	172252713217	215565521713	753472172261	173617214774	561715412176	172242313117	224205511722
1873	404631172240	665117224116	311722422051	172241273117	224110511722	432331172240	445117224074	311722420251
1921	172243013117	224332511722	420331172242	545117224253	311722416051	172241113117	224164511722	423631172242
1969	765117224354	311722403351	172341702317	234210431720	560563172246	762517224625	450000000065	172243273117
2017	224250511714	631471172171	163517216765	551715412175	172242703117	224121511722	444731172241	255117224323
2065	311722412551	172243123117	224012511722	435431172241	535117224122	311722404051	172242103117	224027511722
2113	410031172241	365117224140	311721745551	172241663117	224214511722	424231172242	025117224236	311722414751
2161	172354662317	234352431721	501263172253	442617216723	461713507566	172243303217	215113521714	560572172165
2209	163617214774	561715534176	172242703117	224005511722	420331172243	415117224133	311722436651	172241443117
2257	224051511722	434031172241	715117224210	311722413651	172242643117	224301511722	415031172240	735117224270
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2401	172563000000	000000001724	500000000000	000017266440	000000000000	172241403117	224211511722	421031172242
2449	275117224161	311722414751	172241503117	224214511722	433431172242	205117224363	311722413651	172242143117
2497	224027511722	411131172240	735117224116	311722414751	172176043117	224153511721	773531172242	025117224133
2545	311721777151	172242473117	224202511722	415531172241	755117224210	311722421151	172241773117	224267511722
2593	425331172242	145117224203	311722426351	172342662317	234223431720	636563172171	432617217205	460000000066
2641	172151043217	215526520000	000072172157	203617215143	560000000076	172244533117	224077511722	412231172241
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2737	217651511721	777331172241	605117224150	311722417151	172177243117	224175511722	417231172241	215117224270
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3265	311722407351	172241333117	224125511722	431731172241	535117224247	311722417551	172242313117	224147511722
3313	421431172243	355117224257	311722421151	172243233117	224205511722	416131172243	015117224354	311722427251
3361	172242753117	224016511722	434431172241	535117224220	311722400551	172241503117	224125511722	432731172242
3409	235117224100	311722414751	172354452317	234412431721	441263172252	452617217516	461713507566	172252563217
3457	215536521713	631472172261	473617215172	551714631476	172242363117	224125511722	417731172176	625117224046
3505	311721770451	172240523117	224211511722	417231172241	535117224210	311722420251	172242143117	224016511722
3553	426431172242	365117224354	311722424151	172241723117	224245511722	441531172241	255117224434	311722414751
3601	172341752317	234213431720	560563172245	732517224340	450000000065	172241333117	224153511714	507571172170
3649	663517217263	551714753475	172242103117	224052511722	433431172241	215117224275	311722421151	172240353117
3697	224214511722	412731172177	045117224074	311722412151	172241773117	224164511722	413331172241	215117224242
3745	311722407751	172242143117	224121511722	412231172242	325117224210	311722420251	172354712317	234350431721
3793	474163172253	742617217205	461712753466	172171633217	215467520000	000072172164	633617215004	561715507576
3841	172242103117	224205511722	414431172240	625117224214	311722412151	172241613117	224132511722	435731172241
3889	755117224306	311722414351	172244213117	224171511722	441531172241	755117224031	311722414751	172242533117
3937	224232511722	427531172241	435117224144	311721770451	000000000000	000005110000	000000000005	260400000000
3985	000000476712	000000000000	000000300000	000000000000	000200000000	000000000030	172564000000	000000006054

FILE 0028 REC 0001 CH 0114

0001	0000000000	000000010000	000000000000	000300000000	000000000324	000000000000	000036610000	000000000000
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0097	0000300000	000000000000	003400000000					

FILE 0028 REC 0002 CH 4860

0001	1721672617	214162561720	643132172150	715217216044	361721654546	172167232617	214162561721	417632172150
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0097	2142021722	517232172154	215217226152	361721675746	172253222617	214211561722	531132172147	615217225140
0145	36172115646	172176452617	214202561721	524532172151	135217216202	361721655746	172355122317	234445431721
0193	6231632253	222617217302	461713507566	172252143217	215071521713	507572172260	653617214045	561713507576
0241	17216612617	214162561721	462432172147	045217216351	361721675746	172167052617	214133561721	432132172151
0289	2452174506	361721651246	172255372617	214133561722	524632172155	455217226077	361721704446	172252652617
0337	2141331722	522432172151	245217226111	361721700146	172341572317	225516431720	546363172245	342517224526
0385	45171317565	172242033117	224305511712	753471172175	443517172140	551713507575	172252652617	215653551722
0433	52463212156	135217226131	361721701246	172252652617	215133561722	530532172151	705217225144	361721650146
0481	17217402617	214521561721	452332172146	405217216067	361721660146	172166322617	214277561721	416532172151
0529	24521725404	361721702346	172354362317	234305431721	421763172245	512617216512	461712753466	172152023217
0577	21503651713	507572172160	223617214202	551713507576	172170522617	214414561721	472532172152	565217215121
0625	36172175746	172255452617	214346561722	524632172152	125217226061	361721721546	172253222617	214346561722
0673	52563212146	405217226147	361721702346	172253772617	214260561722	527132172150	145217224023	361721737746
0721	000000000000	000005110000	000000050034	643300000000	0000000536741	000000000000	000200050000	000000000000
0769	000300000000	000000000012	172562000000	000000006052	347777777777	777717267000	000000000000	172254022617
0817	21416251722	526532172153	435217226216	351721701246	172252652617	214162561722	526132172153	335217226135
0865	36172168446	172255202617	214172561721	642432172151	245217216607	361721640146	172166022617	214152561721
0913	44563212147	505217216112	361721657046	172170522617	214162561721	462432172155	165217217032	361721721546
0961	17225502617	214133561722	525632172147	615217226126	361721733446	172342022317	234210431720	575363172167
1009	42261727001	460000000066	172144563217	215256521712	753472172154	453617214221	561713507576	172252652617
1057	21416251722	525632172152	565217226221	361721743246	172253222617	214202561722	527532172150	715217226164
1105	36172168246	172255312617	214152561721	536532172146	055217216337	361721700146	172172252617	214143561721
1153	45343212145	635217216010	361721700146	172354622317	234377431721	536563172256	002517224467	451713631465
1201	17217535117	217640510000	000071172170	253517217272	550000000075	172172072617	215724561721	461332172155
1249	07521725720	361721651246	172170422617	215103561721	453432172152	35217215676	361721702346	172252652617
1297	21453156722	522432172151	245217226152	351721714246	172253222617	214577561722	524632172151	025217226020
1345	361721670146	172342502317	234205431720	534163172255	372617217323	461713507566	172252753217	214704520000
1393	00007217262	053617214316	561713507576	172252372617	214250561722	527132172147	265217225606	361721675746
1441	17225534617	214346561721	542032172145	525217216362	361721677046	172166322617	214260561721	445632172151
1489	24521721676	361721700146	172172442617	214211561721	467132172150	255217224336	361721715246	000000000000
1537	00000511000	000000050036	043200000000	000000536742	000000000000	000000020000	000000000000	000200000000
1585	00000000012	605217777777	777777776055	077777777777	777717267000	000000000000	172170152617	214277561721
1633	46243217151	135217215777	361721664646	172167772617	214240561721	463532172153	725217214506	361721524046
1681	17225520617	214202561722	515632172147	505217225777	361721716346	172252652617	214240561722	522432172151
1729	24521722147	361721655746	172253472617	214221561722	530132172146	405217224705	361721652346	172173002617
1777	214162561721	507332172146	405217216157	361721672346	172355032317	234445431721	625663172253	222617216670
1825	461713507566	172252273217	215025521713	507572172260	233617214162	561712753476	172166762617	214202561721
1873	454632172152	755217215720	361721665746	172170522617	214162561720	643132172153	725217214506	361721524046
1921	172255152617	214152561722	523732172153	145217226111	361721707646	172252142617	214045561722	523732172152
1969	345217226047	361721647046	172342202317	234167430000	000063172245	252517224611	451713507565	172242033117
2017	224175511713	507571172174	673517217254	550000000075	172253222617	216107561722	525232172153	245217226140
2065	361721653446	172253662617	215212561722	524232172147	725217224634	361721644546	172167052617	215024561721
2113	476132172145	415217215606	361721706646	172167422617	214531561721	461332172152	565217215224	361721634546
2161	172354262317	234277431721	414663172177	162617216701	461713507566	172147253217	215402520000	000072172161
2209	713617214355	561713507576	172160222617	214443561721	501432172153	725217215163	361721677046	172255502617
2257	214336561722	526132172147	725217226114	361721664646	172253222617	214375561722	527532172152	755217226155
2305	361721670146	172253632617	214521561722	525632172150	715217217513	361721664646	000000000000	000005110000
2353	000000050037	243100000000	000000536743	000000000000	000126570000	000000000000	000300000000	000000000012
2401	172562000000	00000006052	337777777777	777717267000	000000000000	172253772617	214414561722	522432172151
2449	465217226224	361721720546	172252532617	214316561722	527132172153	145217226152	361721674646	172255612617
2497	214231561721	601132172147	725217216577	351721660146	172166322617	214211561721	500332172147	505217216022
2545	361721654546	172172342617	214172561721	452332172146	735217216373	361721716346	172254732617	214152561722
2593	525632172151	245217226047	361721717446	172341752317	234210431720	546363172172	712617217001	460000000056
2641	172146133217	215507520000	000072172152	243617214104	561712753476	172253222617	214114561722	522432172151
2689	245217226205	361721672346	17225352617	214114561722	527532172146	515217226161	361721670146	172246202617
2737	214133561721	524532172153	335217216427	361721701246	172166672617	214162561721	446732172151	465217215630

FILE 0028 REC 0001 CH 0114

0001	000000000000	000000010000	000000000000	000300000000	000000000324	000000000000	000036610000	000000000000
0049	001300000000	000000000031	000000000000	000001520000	000000000000	000100000000	000000023046	000000000000
0097	000033500000	000000000000	003400000000					

FILE 0028 REC 0002 CH 4860

0001	172167332617	214162561720	643132172150	715217216044	361721654546	172167232617	214162561721	417632172156
0049	235217215404	361721700146	172253502617	214211561722	513432172152	755217225671	361721701246	172252652617
0097	214202561722	517232172154	215217226152	361721675746	172253222617	214211561722	531132172147	615217225140
0145	361721635646	172176452617	214202561721	524532172151	135217216202	361721655746	172355122317	234445431721
0193	623163172253	222617217302	461713507566	172252143217	215071521713	507572172260	653617214045	561713507576
0241	172166022617	214162561721	462432172147	045217216351	361721675746	172167052617	214133561721	432132172151
0289	245217214506	361721651246	172255372617	214133561722	524632172155	455217226077	361721704446	172252652617
0337	214133561722	522432172151	245217226111	361721700146	172341572317	225516431720	546363172245	342517224526
0385	451713507565	172242033117	224305511712	753471172175	443517217400	551713507575	172252652617	215653551722
0433	524632172156	135217226131	361721701246	172252652617	215133561722	530532172151	705217225144	361721650146
0481	172174012617	214521561721	452332172146	405217216067	361721660146	172166322617	214277561721	416532172151
0529	245217215404	361721702346	172354362317	234305431721	421763172245	512617216512	461712753466	172152023217
0577	215036521713	507572172160	223617214202	551713507576	172170522617	214414561721	472532172152	565217215121
0625	361721736746	172255452617	214346561722	524632172152	125217226061	361721721546	172253222617	214346561722
0673	525632172146	405217226147	361721702346	172253772617	214260561722	527132172150	145217224023	361721737746
0721	000000000000	000005110000	000000050034	643300000000	000000536741	000000000000	000200050000	000000000000
0769	000300000000	000000000012	172562000000	000000006052	347777777777	777717267000	000000000000	172254022617
0817	214162561722	526532172153	435217226216	351721701246	172252652617	214162561722	526132172153	335217226135
0865	361721663446	172255202617	214172561721	642432172151	245217216607	361721640146	172166022617	214152561721
0913	445632172147	505217216112	361721657046	172170522617	214162561721	462432172155	165217217032	361721721546
0961	172255072617	214133561722	525632172147	615217226126	361721733446	172340222317	234210431720	575363172167
1009	422617217001	460000000066	172144563217	215256521712	753472172154	453617214221	561713507576	172252652617
1057	214162561722	525632172152	565217226221	361721743246	172253222617	214202561722	527532172150	715217226164
1105	361721661246	172255312617	214152561721	536532172146	055217216337	361721700146	172172252617	214143561721
1153	453432172145	635217216010	361721700146	172354622317	234377431721	536563172256	002517224467	451713631465
1201	172175353117	217640510000	000071172170	253517217272	550000000075	172172072617	215724561721	461332172155
1249	075217215720	361721651246	172170422617	215103561721	453432172152	235217215676	361721702346	172252652617
1297	214531561722	522432172151	245217226152	351721714246	172253222617	214577561722	524632172151	025217226020
1345	361721670146	172342502317	234205431720	534163172255	372617217323	461713507566	172252753217	214704520000
1393	000072172262	053617214316	561713507576	172252372617	214250561722	527132172147	265217225606	361721675746
1441	172255342617	214346561721	542032172145	525217216362	361721677046	172166322617	214250561721	445632172151
1489	245217215676	361721700146	172172442617	214211561721	467132172150	255217224336	361721715246	000000000000
1537	000005110000	000000050036	043200000000	000000536742	000000000000	000000020000	000000000000	000200000000
1585	000000000012	605217777777	7777777776055	077777777777	777717267000	000000000000	172170152617	214277561721
1633	462432172151	135217215777	361721664646	172167772617	214240561721	463532172153	725217214506	361721524046
1681	172255202617	214202561722	515632172147	505217225777	361721716346	172252652617	214240561722	522432172151
1729	245217226147	361721655746	172253472617	214221561722	530132172146	405217224705	361721652346	172173002617
1777	214162561721	507332172146	405217216157	361721672346	172355032317	234445431721	625663172253	222617216670
1825	461713507566	172252273217	215025521713	507572172260	233617214162	561712753476	172166762617	214202561721
1873	454632172152	755217215720	361721665746	172170522617	214162561720	643132172153	725217214506	361721524046
1921	172255152617	214152561722	523732172153	145217226111	361721707646	172252142617	214045561722	523732172152
1969	345217226047	361721647046	172342202317	234167430000	000063172245	252517224611	451713507565	172242033117
2017	224175511713	507571172174	673517217254	550000000075	172253222617	216107561722	525232172153	245217226140
2065	361721653446	172253662617	215212561722	524232172147	725217224634	361721644546	172167052617	215024561721
2113	476132172145	415217215606	361721706646	172167422617	214531561721	461332172152	565217215224	361721634546
2161	172354262317	234277431721	414663172177	162617216701	461713507566	172147253217	215402520000	000072172161
2209	713617214355	561713507576	172160222617	214443561721	501432172153	725217215163	361721677046	172255502617
2257	214336561722	526132172147	725217226114	361721664646	172253222617	214375561722	527532172152	755217226155
2305	361721670146	172253632617	214521561722	525632172150	715217217513	361721664646	000000000000	000005110000
2353	000000050037	243100000000	000000536743	000000000000	000126570000	000000000000	000300000000	000000000012
2401	172562000000	000000006052	337777777777	777717267000	000000000000	172253772617	214414561722	522432172151
2449	465217226224	361721720546	172252532617	214316561722	527132172153	145217226152	361721674646	172255612617
2497	214231561721	601132172147	725217216577	351721660146	172166322617	214211561721	500332172147	505217216022
2545	361721654546	172172342617	214172561721	452332172146	735217216373	361721716346	172254732617	214152561722
2593	525632172151	245217226047	361721717446	172341752317	234210431720	546363172172	712617217001	460000000056
2641	172146133217	215507520000	000072172152	243617214104	561712753476	172253222617	214114561722	522432172151
2689	245217226205	361721672346	172253552617	214114561722	527532172146	515217226161	361721670146	172246202617
2737	214133561721	524532172153	335217216427	361721701246	172166672617	214162561721	446732172151	465217215630

ATSE - 30ME INTERMEDIATE TAPE SUMMARY

INTN. TAPE GUNNARD DATE				GROUP		EXPERIMENT	
ATS 107 1970 3 1				107		3 0ME	
SATL. NO.	STATION NO.	TAPE NO.	GROUP NO.	FILE STATUS	PERCENTAGES OF DATA RECOVERY	FILE NO.	SEQUENCE DISCONTINUITIES
1	3	212	106	1	97.66	17.68	1
1	3	213	107	1	97.86	4.19	1
1	3	214	107	1	98.26	15.54	1
1	3	215	107	1	97.13	8.55	1
1	47	586	107	1	99.89	1.90	1
1	47	587	107	1	99.92	1.87	1
1	47	588	107	1	99.95	1.61	1
1	47	589	107	1	99.89	1.53	1
1	20	909	107	1	99.88	8.46	0
1	20	910	107	1	99.98	1.47	1
1	20	911	107	1	99.84	8.77	1
1	20	912	107	1	99.98	1.46	1
1	20	913	107	1	99.81	7.84	1
1	20	914	107	1	99.99	1.44	1
1	20	915	107	1	99.88	6.10	1
1	20	916	107	1	99.96	1.43	1
1	20	917	107	1	99.86	7.08	1
1	20	918	107	1	99.97	1.43	1
1	20	919	107	1	99.84	9.66	1
1	20	920	107	1	99.98	1.40	1
1	20	921	107	1	99.84	14.92	1
1	20	922	107	1	99.94	1.69	1
1	20	923	107	1	99.70	24.29	1
1	20	924	107	1	99.93	1.61	1
1	20	925	107	1	99.04	76.16	1
1	20	926	107	1	99.88	2.08	1
1	3	216	107	1	98.69	44.17	1
1	3	217	107	1	99.10	7.50	3

D8246

DCT 31. 1970

ATSE - 30ME INTERMEDIATE TAPE SUMMARY

FILE NO.	FILE START MS.	DAY	H	M	S	FILE END MS.	DAY	H	M	S
2	479R	330	0	0	4.788	900559	330	0	15	.559
3	905674	330	0	15	5.674	4191672	330	1	9	51.872
4	4196994	330	1	9	56.994	7554850	330	2	5	54.850
5	7559971	330	2	5	59.971	10794976	330	2	59	54.976
6	10400100	330	3	0	.100	14275683	330	3	57	55.683
7	14280803	330	3	58	.803	17398081	330	4	49	58.081
8	17403198	330	4	50	3.198	20707862	330	5	45	9.862
9	20714991	330	5	45	14.981	21595392	330	5	59	55.392
10	21661936	330	6	1	1.936	25193817	330	6	59	53.817
11	25198938	330	6	59	58.938	28495356	330	7	54	55.356
12	28500475	330	7	55	.475	31796499	330	8	49	56.899
13	31802019	330	8	50	2.019	35093326	330	9	44	53.326
14	35093444	330	9	44	58.444	38394870	330	10	39	54.870
15	38399991	330	10	39	59.991	41691299	330	11	34	51.299
16	41695417	330	11	34	56.417	44992845	330	12	29	52.845
17	44997969	330	12	29	57.969	48309753	330	13	25	9.753
18	48314873	330	13	25	14.873	51595948	330	14	19	55.948
19	51601068	330	14	20	1.068	54907737	330	15	15	7.737
20	54912856	330	15	15	12.856	58214408	330	16	10	14.408
21	58219527	330	16	10	19.527	61495484	330	17	4	55.484
22	61500601	330	17	5	.601	64791918	330	17	59	51.918
23	64797038	330	17	59	67.038	68113946	330	18	55	13.946
24	68119063	330	18	55	19.063	71400145	330	19	50	.145
25	71405262	330	19	50	5.262	74701696	330	20	45	1.696
26	74706814	330	20	45	6.814	78003368	330	21	40	8.368
27	78013488	330	21	40	13.488	81018158	330	22	30	18.158
28	81023272	330	22	30	23.272	84299235	330	23	24	59.235
29	84304355	330	23	25	4.355	86397897	330	23	59	57.897

2

FILE 0001 REC 0001 CH 0060
0001 000000000000 000036620000 000000000000 000300000000 000000000001 000000000000 000001535536 550415055555
0049 555501242355 343342555555

FILE 0001 REC 0002 CH 1500
0001 000000003243 345252640000 000032434006 471200000000 324354521202 000000003243 713714430000 000032440566
0049 174400000000 324423100143 000000003244 370224760000 000032445352 674500000000 324457220360 000000003244
0097 746145320000 000032451127 477300000000 324525755243 000000003245 424235140000 000032455710 376700000000
0145 324573552241 000000003246 102352100000 000032462475 077100000000 324641373254 000000003246 560775300000
0193 000032467257 200700000000 324707202271 000000003247 236505560000 000032474040 102700000000 324755023316
0241 000000003247 715035760000 000032500617 606000000000 325021564450 000000003250 361747430000 000000000000
0289 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0337 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0385 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0433 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0481 000000000000 000000000000 000000000000 000000000000 324340052717 000000003243 545072000000 000032437135
0529 744200000000 324405647740 000000003244 230661430000 000032443701 050100000000 324453514746 000000003244
0577 570164000000 000032447460 253100000000 324511262774 000000003245 257432430000 000032454241 151600000000
0625 324557071766 000000003245 735402430000 000032461022 051500000000 324624736771 000000003246 413612540000
0673 000032465606 553100000000 324672560010 000000003247 071702740000 000032472363 655600000000 324740357032
0721 000000003247 550113210000 000032477147 160000000000 325006164060 000000003250 215524560000 000032503616
0769 274300000000 325046165711 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0817 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0865 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0913 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
0961 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
1009 000600000000 000000400370 000000000000 004021320000 000000000040 000000000000 000000000000 000000000000
1057 004072600000 000000000041 074200000000 000000412504 000000000000 004130560000 000000000041 472000000000
1105 000000416462 000000000000 004202240000 000000000042 176600000000 000000423530 000000000000 004252720000
1153 000000000042 703400000000 000000430576 000000000000 004323300000 000000000043 407200000000 000000435534
1201 000000000000 004373660000 000000000044 113000000000 000000442702 000000000000 004444340000 000000000044
1249 617600000000 000000447740 000000000000 004513620000 000000000045 311400000000 000000000000 000000000000
1297 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
1345 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
1393 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
1441 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000
1489 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000 000000000000

FILE 0002 REC 0001 CH 0114
0001 000000000000 000000010000 000000000000 000300000000 0000000000324 000000000000 000036610000 000000000000
0049 001300000000 000000000031 000000000000 000001520000 000000000000 000100000000 000000023046 000000000000
0097 000033500000 000000000000 000200000000

FILE 0002 REC 0002 CH 4860
0001 172253472617 214202561722 521432172150 145217217371 361721641246 172170152617 214162561721 501432172151
0049 245217216010 361721675746 172172162617 214143561720 643132172143 545217215163 361721675746 172255502617
0097 214143561722 521432172151 355217226023 361721733446 172253222617 214133561722 530132172153 625217226140
0145 361721661246 172254022617 214123561722 527532172150 035217224513 361721662346 172353342317 234260431720
0193 634163172252 642617217250 460000000066 172252243217 214552521713 507572172260 703617214133 561712753476
0241 172254432617 214202561722 406632172150 475217216721 361721710746 172165332617 214172561721 502632172146
0289 055217216225 361721733446 172170522617 214045561721 445632172154 215217215342 361721714246 172255202617
0337 214211561722 522032172150 475217226073 361721712046 172342072317 234210431720 602463172245 102517224550
0385 450000000065 172241333117 21771510000 000071172170 663517217146 551713507575 172253742617 215724561722
0433 527532172153 535217214506 361721742146 172252652617 215143561722 530132172146 625217226114 361721671246
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3649	073517217073	561713507575	172252422617	215724561722	525232172154	115217226210	361721701246	172253742617
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FILE 0029 REC 0001 CH 0114

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FILE 0029 REC 0002 CH 4860

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ATSE - 30ME INTERMEDIATE TAPE

INTL. TAPE STANDARD DATE GROUP EXPERIMENT
 ATSE 108 1970 2 15 108 3 0ME

SATL. NO.	STATION NO.	TAPE NO.	GROUP NO.	FILE STATUS	PERCENTAGES OF DATA RECOVERY	COMB FILTER	FILE NO.	TIME DISCONTINUITIES	SEQUENCE
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1	3	224	108	1	99.93	1.71	12	1	1
1	3	225	108	1	99.83	5.85	13	1	1
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1	5	19	108	1	99.96	1.63	15	1	1
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D8247

OCT 31, 1970

ATSE - 30ME INTERMEDIATE TAPE SUMMARY

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4	4502341	331	1	15	2.341	7798770	331	2	9	58.770
5	7803887	331	2	10	3.887	10798317	331	2	59	58.317
6	10885336	331	3	1	25.336	14396749	331	3	59	56.749
7	14401867	331	4	0	1.867	17698297	331	4	56	58.297
8	17703415	331	4	55	3.415	17988941	331	4	59	4.941
9	18005413	331	5	0	5.413	21598721	331	5	59	58.721
10	21603840	331	6	0	3.840	24900261	331	6	55	1.261
11	24905379	331	6	55	5.379	26201797	331	7	50	1.797
12	28206916	331	7	50	6.916	31503334	331	8	45	3.334
13	31508454	331	8	45	8.454	34497751	331	9	34	57.751
14	36181793	331	10	3	1.793	37246474	331	10	20	46.474
15	37251593	331	10	20	51.593	39595943	331	10	59	55.943
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19	49541535	331	13	45	41.535	52802136	331	14	40	2.136
20	52807255	331	14	40	7.255	56129279	331	15	35	29.279
21	56134398	331	15	35	34.398	59425708	331	16	30	25.708
22	59430830	331	16	30	30.830	62701666	331	17	25	1.666
23	62706787	331	17	25	6.787	66018574	331	18	20	18.574
24	66023691	331	18	20	23.691	69299650	331	19	14	59.650
25	69304765	331	19	15	4.765	72601202	331	20	10	1.202
26	72606320	331	20	10	6.320	75902749	331	21	5	2.749
27	75907849	331	21	5	7.849	79224775	331	22	0	24.775
28	79229893	331	22	0	29.893	82649172	331	22	57	24.172
29	82654290	331	22	57	34.290	86099154	331	23	4	59.154
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3

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2257	214765561722	526132172160	445217226047	361722404646	172253662617	214675561722	470432172160	165217217042
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2449	405217226147	361721764646	17225372617	215073561722	526532172163	675217224023	361722404646	172241062617
2497	214666561721	573332172165	145217216660	361722410446	172241322617	215212561721	561432172167	235217216427
2545	361722416446	172254272617	215153561722	524232172171	415217226216	361722424446	172253172617	215271561722
2593	526132172167	235217226135	361722412146	172343162317	234305431720	527063172240	472617224056	461713507566
2641	172251753217	216076521713	507572172260	233617215073	561713507576	172253142617	215123561722	522732172163
2689	455217225741	361722411546	172253472617	215103561722	501232172155	455217217052	361722405646	172240142617
2737	215222561721	520232172165	175217216326	361722405246	172241032617	215601561721	574432172166	605217216247

ATSE - 3DME INTERMEDIATE TAPE SUMMARY

INTM. TAPE GOODARD DATE GRU. EXPERIMENT
 ATS 171 1970 5 7 171 3 DME

SATL. NO.	STATION NO.	TAPE NO.	GROUP NO.	FILE STATUS	PERCENTAGES OF DATA RECOVERY	COMM FILTER	FILE NO.	TIME DISCONTINUITIES	SEQUENCE
1	58	551	170	1	98.64	32.99	2	1	1
1	58	552	171	3	99.00	21.22	3	2	2
1	58	553	171	1	98.80	26.87	4	0	0
1	47	920	171	1	99.93	2.07	5	0	0
1	47	921	171	1	99.87	6.48	6	1	1
1	47	922	171	1	99.96	2.29	7	1	1
1	47	923	171	1	99.84	7.13	8	1	1
1	47	924	171	1	99.97	1.80	9	1	1
1	47	924	171	1	99.97	.97	10	0	0
1	47	926	171	1	99.94	1.67	11	1	1
1	47	927	171	1	99.97	.81	12	1	1
1	47	928	171	1	99.89	2.08	13	1	1
1	20	1724	171	1	99.78	5.73	14	0	3
1	20	1725	171	1	99.87	6.40	15	1	1
1	20	1726	171	1	99.93	4.58	16	1	1
1	20	1727	171	1	99.58	12.04	17	1	1
1	20	1728	171	1	99.77	12.77	18	1	1
1	20	1730	171	1	99.64	11.02	19	1	1
1	20	1731	171	1	99.63	23.19	20	1	1
1	20	1732	171	1	98.82	42.82	21	1	1
1	20	1733	171	1	99.58	28.11	22	1	1
1	20	1735	171	1	99.56	16.81	23	1	1
1	20	1736	171	1	99.64	12.43	24	1	1
1	8	269	171	1	99.30	35.88	25	1	1
1	8	270	171	1	98.22	54.21	26	15	19
1	8	271	171	3	98.01	42.37	27	8	8
1	8	272	171	1	99.44	52.20	28	1	1
1	47	930	171	1	99.80	16.49	29	0	0
1	47	931	171	1	99.79	13.50	30	1	1

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DEC 20, 1970

ATSE - 3DME INTERMEDIATE TAPE SUMMARY

FILE NO.	FILE START MS.	DAY	H	M	S	FILE END MS.	DAY	H	M	S
2	4178	29	0	0	4.178	1913438	29	0	31	53.438
3	2143781	29	0	35	43.781	5634706	29	1	33	54.706
4	5824098	29	1	31	4.098	7195898	29	1	59	55.898
5	9724519	29	2	42	4.519	13194958	29	3	39	54.958
6	13200081	29	3	40	.081	16491373	29	4	34	51.373
7	16496490	29	4	34	56.490	19792901	29	5	29	52.901
8	19798019	29	5	29	58.019	23094427	29	6	24	54.427
9	23099547	29	6	24	59.547	23995310	29	6	39	55.310
10	24363851	29	6	46	3.851	26093955	29	7	14	53.955
11	26099074	29	7	14	59.074	29513209	29	8	11	53.209
12	29518329	29	8	11	58.329	32697009	29	9	4	57.009
13	32702127	29	9	5	2.127	35943418	29	9	59	53.418
14	36244230	29	10	4	4.230	39596948	29	10	59	56.948
15	39602069	29	11	0	2.069	42898485	29	11	54	58.485
16	42903603	29	11	55	3.603	46210260	29	12	50	10.260
17	46215381	29	12	50	15.381	49491327	29	13	44	51.327
18	49496446	29	13	44	56.446	52792866	29	14	39	52.866
19	52797988	29	14	39	57.988	56094413	29	15	34	54.413
20	56099532	29	15	34	59.532	59390837	29	16	29	50.837
21	59395959	29	16	29	55.959	62697502	29	17	24	57.502
22	62702622	29	17	25	2.622	65993928	29	18	19	53.928
23	65999050	29	18	19	59.050	69305710	29	19	15	5.710
24	69310830	29	19	15	10.830	71097249	29	19	44	57.249
25	71102369	29	19	45	2.369	74076318	29	20	34	36.318
26	74096795	29	20	34	56.795	77398337	29	21	29	58.337
27	77403457	29	21	30	3.457	80694761	29	22	24	54.761
28	80699882	29	22	24	59.882	80991645	29	22	29	51.645
29	81047947	29	22	30	47.947	84595188	29	23	29	55.188
30	84600306	29	23	30	.306	86212687	29	23	56	52.687

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FILE 0001 REC 0001 CH 0060	0001 000000000000	000036520000	000000000000	000500000000	000000000007	000000000000	000002535536	550415055555
	0049 555501242355	344234555555						
FILE 0001 REC 0002 CH 1500	0001 000000000225	260761220000	000002253622	104500000000	022554245142	000000000225	731471470000	000002251335
	0049 332100000000	022625021552	000000000225	413020030000	000002265616	223300000000	022663027513	000000000226
	0097 715246020000	000002270655	277100000000	022722665257	000000000227	402734060000	000002275513	162500000000
	0145 022771612063	000000000230	063163250000	000002302272	657600000000	023037407044	000000000230	540573140000
	0193 000002307053	556700000000	023105230036	000000000231	216763120000	000002313640	255600000000	023145255641
	0241 000000000231	606062330000	000002317530	000000000000	023211746752	000000000232	131661300000	000002323065
	0289 076200000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	0337 000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	0385 000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	0433 000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	0481 000000000000	000000000000	000000000000	000000000000	022535317136	000000000225	534632220700	000002256143
	0529 437200000000	022610341315	000000000225	250075550000	000002264147	000500000000	022656150233	000000000226
	0577 615076560000	000002267151	260300000000	022706540771	000000000227	226532610000	000002273732	151200000000
	0625 022755117624	000000000227	715000550000	000002300630	432400000000	023022714577	000000000230	373750420000
	0673 000002305405	531500000000	023070523565	000000000231	052160360000	000002312166	431000000000	023136370556
	0721 000000000231	452436410000	000002316053	623600000000	023175266501	000000000232	117347510000	000002321304
	0769 063500000000	023230636764	000000000232	357551170000	000000000000	000000000000	000000000000	000000000000
	0817 000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	0865 000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	0913 000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	0961 000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	1009 000600000000	000000401000	000000000000	004026220000	000000000040	337400000000	000000405216	000000000000
	1057 004067600000	000000000041	052200000000	000000412264	000000000000	004126460000	000000000041	356000000000
	1105 000000415362	000000000000	004170640000	000000000042	062600000000	000000422410	000000000000	004241520000
	1153 000000000042	571400000000	000000427445	000000000000	004312100000	000000000043	275200000000	000000434514
	1201 000000000000	004362560000	000000000044	002000000000	000000441562	000000000000	004425140000	000000000044
	1249 412600000000	000000445500	000000000000	004471220000	000000000044	724400000000	000000451106	000000000000
	1297 000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	1345 000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	1393 000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	1441 000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000	000000000000
	1489 000000000000	000000000000						

FILE 0002 REC 0001 CH 0114	0001 000000000000	000000010000	000000000000	007200000000	000000001047	000000000000	000036620000	000000000000
	0049 000100000000	000000000035	000000000000	000002520000	000000000000	000100000000	000000023210	000000000000
	0097 000063430000	000000000000	000200000000	170				

FILE 0002 REC 0002 CH 4860	0001 172255422517	215201551722	531031172165	305117216360	351721766345	172255032517	215625551722	530131172152
	0049 525117215624	351721727545	172254552517	215130551722	532331172157	335117215233	351721671745	172240042517
	0097 214221551721	733431172155	675117215446	351721734245	172242662517	215625551721	764231172163	665117216224
	0145 351722406545	172245402517	215517551722	500531172240	235117216346	351721747545	172342372317	225516431720
	0193 631463172240	112617216234	460000000056	172157773217	214506520000	000072172152	243617214531	560000000076
	0241 172254752517	216102551722	534631172161	355117215735	351721771545	172254302517	214663551722	534631172157
	0289 155117216057	351721736445	172255032517	214450551722	516731172157	115117215142	351721743045	172177732517
	0337 215371551721	747731172164	345117215735	351721734245	172354232317	234315431721	632763172254	242517217453
	0385 451713507565	172253613117	215145511713	631471172151	323517215161	551714631475	172240502517	214417551721
	0433 733431172163	665117215324	351721747545	172242202517	206012551721	747731172170	775117216046	351722401645
	0481 172255032517	215507551722	534631172160	215117216410	351721744245	172254132517	214714551722	535531172153
	0529 205117215314	351721747545	172341572317	234100431720	524363172241	062617216027	461713507566	172243753217
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	0625 351721735345	172255252517	215341551722	512231172162	035117215446	351721747545	172242032517	215556551721
	0673 733431172161	355117216070	351721763145	172242202517	215744551721	733431172163	105117216410	351721755345
	0721 000000000000	000000350000	000000000001	012200000000	00003227647	000000000000	000002700000	000000000000
	0769 000200000000	000000000032	605223777777	777777776055	277777777777	777717266640	000000000000	172252472517
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	0913 534631172161	355117216102	351721763145	172254362517	214643551722	536531172157	755117215646	351721651645
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	1009 412617216423	461714436565	172252143217	214541521713	507572172262	163617214715	561714631476	172241562517

FILE 0030 REC 0000 CH 4860 000000010000 000000000000 005700000000 000000001643 000000000000 000036620000 000000000000
0049 000100000000 000000000035 000000000000 000000000000 000000000000 000000023373 000000000000
0097 000025060000 000000000000 003600000000 171

FILE 0030 REC 0002 CH 4860
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1969 605117217337 351722424745 172353572317 234210431721 402463172242 322517224001 451713753465 172240633117
2017 217444511713 631471172171 473517216320 551716631475 172243242517 215744551722 421031172175 535117217552
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