

Data Set Catalog # 205

GRS-1, AZUR - Magnetometer - Experiment
69-097A-01A 30 tapes

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

GRS-1

SPMS 00365

10-SEC. MAG. FIELD VECTORS

69-097A-01A

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY IT CONTAINED 30 7-TRACK, 800 BPI TAPES WRITTEN IN BINARY. THERE IS TWO TYPES OF DATA; THE FIRST ARE RTT TAPES WHICH CONTAIN DATA THAT WERE RECEIVED VIA REAL TIME TELEMETRY AND TT TAPES WHICH CONTAIN DATA THAT WERE RECEIVED VIA THE TAPE TELEMETRY SYSTEM FROM THE ONBOARD TAPE-RECORDER. FIVE OF THE ORIGINAL 30 TAPES ARE TT TAPES AND THEY ARE NOTED BELOW. THERE ARE FOUR RESTORED TAPES. THE DR TAPES ARE 3480 CARTRIDGES AND THE DS TAPES ARE 9-TRACK, 6250 BPI. THE TAPES WERE NOT STACKED IN TIME SEQUENTIAL ORDER. THE ORIGINAL TAPES WERE CREATED ON A CDC 3800 COMPUTER AND THEY WERE RESTORED ON AN IBM 9021 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBERS AND THE TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN	
DR004054	DS004054	D010758	1-82	11/08/69 - 11/13/69	TT
		D010753	83-278	11/12/69 - 12/06/69	RTT
		D010756	279-304	11/18/69 - 11/28/69	TT
		D010757	305-333	11/13/69 - 11/18/69	TT
		D010755	334-360	11/29/69 - 12/05/69	TT
		D010754	361-375	12/05/69 - 12/08/69	TT
		D010752	376-563	12/06/69 - 12/22/69	RTT
DR004055	DS004055	D010751	1-168	12/22/69 - 01/05/70	
		D010750	169-339	01/05/70 - 01/20/70	
		D010749	340-486	01/20/70 - 01/30/70	
		D010748	487-603	01/30/70 - 02/10/70	
		D010747	604-741	02/10/70 - 02/22/70	
		D010734	742-832	03/25/70 - 04/01/70	
DR004056	DS004056	D010735	1-83	04/01/70 - 04/10/70	
		D010736	84-176	04/10/70 - 04/18/70	
		D010737	177-267	04/18/70 - 04/27/70	
		D010738	268-365	04/27/70 - 05/04/70	
		D010739	366-458	05/04/70 - 05/11/70	
		D010740	459-558	05/11/70 - 05/17/70	
		D010741	559-663	05/17/70 - 05/24/70	

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DR#	DS#	D#	FILES	TIME SPAN
DR004057	DS004057	D010742	1-144	05/24/70 - 05/31/70
		D010743	145-258	05/31/70 - 06/07/70
		D010744	259-344	03/14/70 - 03/25/70
		D010745	345-445	03/04/70 - 03/14/70
		D010746	446-558	02/22/70 - 03/02/70
		D010759	559-579	06/07/70 - 07/09/70
		D010760	580-599	06/09/70 - 06/10/70
		D010761	600-619	06/11/70 - 06/12/70
		D010762	620-739	06/12/70 - 06/22/70
		D010763	740-829	06/22/70 - 06/28/70

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GRS-1 AZUR-MAGNETOMETER

This data set consists of 30 800 BPI, Binary tapes, where the 'D' tapes were produced on a CDC 3800 and the 'C' tapes produced on the 7094. Both sets of tapes are 7-track.

The RTT-tapes contain data which were received via real time telemetry and the TT-data tapes contain data which were received via the tape telemetry system from the onboard tape-recorder.

TT-data tapes:

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>START</u>	<u>STOP</u>
D-10754	C-08412	15	12/05/69 - 12/08/69	
D-10755	C-08413	27	11/29/69 - 12/05/69	
D-10756	C-08414	26	11/18/69 - 11/28/69	
D-10757	C-08415	29	11/13/69 - 11/18/69	
D-10758	C-08416	82	11/08/69 - 11/13/69	

RTT-tapes:

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>START</u>	<u>STOP</u>
D-10734	C-08392	91	3/25/70 - 4/01/70	
D-10735	C-08393	83	4/01/70 - 4/10/70	
D-10736	C-08394	93	4/10/70 - 4/18/70	
D-10737	C-08395	91	4/18/70 - 4/27/70	
D-10738	C-08396	98	4/27/70 - 5/04/70	
D-10739	C-09397	93	5/04/70 - 5/11/70	
D-10740	C-09298	100	5/11/70 - 5/17/70	
D-10741	C-08399	105	5/17/70 - 5/24/70	
0742	C-08400	114	5/24/70 - 5/31/70	

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>START</u>	<u>STOP</u>
D-10743	C-08401	114	5/31/70 -	6/07/70
D-10744	C-08402	86	3/14/70 -	3/25/70
D-10745	C-08403	101	3/04/70 -	3/14/70
D-10746	C-08404	113	2/22/70 -	3/02/70
D-10747	C-08405	138	2/10/70 -	2/22/70
D-10748	C-08406	117	1/30/70 -	2/10/70
D-10749	C-08407	147	1/20/70 -	1/30/70
D-10750	C-08408	171	1/05/70 -	1/20/70
D-10751	C-08409	168	12/22/69 -	1/05/70
D-10752	C-08410	188	12/06/69 -	12/22/69
D-10753	C-08411	196	11/12/69 -	12/06/69
D-10759	C-08417	21	6/07/70 -	6/09/70
D-10760	C-08418	20	6/09/70 -	6/10/70
D-10761	C-08419	20	6/11/70 -	6/12/70
D-10762	C-08420	120	6/12/70 -	6/22/70
D-10763	C-08421	90	6/22/70 -	6/28/70

1. Magnetometer-Calibration

The Magnetometer measuring range could be changed between $\pm 70,000$ gammas and $\pm 10,000$ gammas. The data on the tapes submitted to NSSDC contain only data which were taken in the $\pm 10,000$ range.

The output signal of each of the two magnetometer channels is a voltage between 0 and 5000 MV corresponding a field strength of approximately $-10,000$ gammas and $+10,000$ gammas, respectively.

The output voltage of the magnetometer-channels are digitized by a 12 bit A/D-converter, hence we obtain a sensitivity of $20\,000/4095 \approx 4.9$ gammas. The actual calibration curves were determined by measurements:

$$X = 4.84 \cdot (AX-2054)$$

$$Y = 4.83 \cdot (AY-2059)$$

X - Field strength in x-direction

Y - Field strength in y-direction

AX - A/D-converter readout of x-magnetometer

AY - A/D-converter readout of y-magnetometer

Temperature corrections are not necessary, as the temperature dependence of the sensors is 0.17 gammas/ $^{\circ}\text{C}$.

2. RTT-Tape-Format

2.1. General

The RTT-tapes contain data which were received via real time telemetry. There are many files on each tape. The data within one file are continuous with respect to the time, however some of the data may be zero to avoid time gaps. The start- and stop-times for each file are listed in the tape index list. The tapes were generated on a CDC 3800 and are written in binary mode (unformatted).

2.2. File Format

The first record in the file is a file label record. The other records are data records. Each records has a length of 330 48-bit computer words. The contents of the file label record is given in table 2.1.

2.3. Record Format

One physical record consists of 330 words and is equivalent to 6 logical records of 55 words each. The data within one logical record cover a time of 10 seconds, i.e. the time of one subcommutated TT-dataframe. The contents of the logical record is listed in table 2.2. (For clarification: The words no. 1, 56, 111, 166, 221, and 276 of the physical record are the first words of the logical records). As shown in table 2.2. the magnetometerdata are the words 10 through 53 in the logical record. Words 50 through 53 are taken from the subcommutated TT-dataframe yellow fields in figure 2. Words 10 through 49 are taken in intervals of 125 milliseconds from the RTT-dataframe, i.e. only half of the transmitted RTT-data are recorded. After conversion from 6-bit- to 12-bit-words by using the 12-bit words from the subcommutated TT-frame four magnetometer readouts were stored in one computer word and written on tape. Thus, each data word of the logical record contains four magnetometer values. Fig. 4 shows a sample printout.

Table 2.1

File-label of the RTT-tapes

Word No	contents	
1	Orbit no. for beginning	
2	Orbit no. for end	
3	not relevant	
4	Year	} for first record
5	Day of year	
6	Milliseconds of day	} for last record
7	Day of year	
8	Milliseconds of day	
9		
through	no relevant data	
330		

All words are fixed point

RTT-data records (logical record)

Word No	Type	Contents
1	F	UT-Year
2	F	UT-Day of year
3	F	UT-Milliseconds of day
4	F	Latitude in degrees
5	F	Latitude in degrees
6	F	Geocentric distance in earth-radii
7		not used
8	I	} s/c Clock
9	I	
10		
through	I	Magnetometer data from RTT-frame
49	I	
50	I	X-Magnetometer from TT-frame
51	I	Y-Magnetometer from TT-frame
52	I	X-Magnetometer from TT frame
53	I	Y-Magnetometer from TT-frame
54	I	} Solar sensor output
55	I	

F - floating point

I - fixed point

3. TT-Tape Format

3.1. General

The TT-data tapes contain the data which were received via the tape telemetry system from the onboard tape-recorder. Similar to the RTT-tapes, the TT-tapes are multiple file tapes. The tapes were written on a CDC 3800 in binary mode, i.e. unformatted.

3.2. File-Format

The first record of each file is a file label. The contents is listed in table 3.1. All records have a length of 330 48-bit words.

3.3. Record-Format

The physical record has a length of 330 words. One physical records is divided onto 6 logical records of 55 words each. The contents of the logical record is listed in table 3.2.

Because of the short length of the logical record no efforts were made to eliminate data, which are not relevant to further use of the data.

Table 3.1.

TT-File-label

Word No	Contents	
1	} not relevant	
2		
3	Orbit No.	
4		
through	not relevant	
7		
8	Year (e.g. 69)	} Beginning
9	Day of year (e.g. 326)	
10	Seconds of day (e.g. 10331)	
11	Year	} End
12	Day of year	
13	Seconds of day	
14		
through	not relevant	
330		

All words are fixed point

Table 3.2.

Logical record on TT-tapes

Word No	Type	Contents
1	F	UT-year
2	F	UT-day of year
3	F	UT-milliseconds of day
4		not relevant
5	F	Latitude in degrees
6	F	Longitude in degrees
7	F	Distance in earth-radii
8		
through		not relevant
33		
34	I	X-magnetometer $t = t_0$
35	I	Y-magnetometer $t = t_0$
36		not used
37	I	X-magnetometer $t = t_0 + 5 \text{ sec}$
38	I	Y-magnetometer $t = t_0 + 5 \text{ sec}$
39		not used
40		s/c-Clock
41		
42		
through		not relevant
55		

F - floating point , I - fixed point

GPS-1 AZUR MAGNETOMETER-EXPERIMENT C115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
1	1	51	316	69	9	1		9	12
1	2	51	316	69	10	17		10	56
1	3	52	316	69	10	59		11	15
1	4	53	316	69	13	52		14	7
1	5	55	316	69	17	29		17	45
1	6	55	316	69	19	26		19	1
1	7	57	316	69	22	26		22	54
1	8	59	317	69	1	17		1	38
1	9	60	317	69	3	11		3	39
1	10	61	317	69	5	12		5	52
1	11	63	317	69	10	40		11	19
1	12	64	317	69	12	40		13	13
1	13	66	317	69	15	33		15	51
1	14	67	317	69	17	50		18	8
1	15	67	317	69	18	49		19	26
1	16	68	317	69	20	49		21	26
1	17	71	318	69	1	38		2	1
1	18	72	318	69	3	34		4	12
1	19	73	318	69	5	36		6	6
1	20	77	318	69	7	30		8	10
1	21	75	318	69	9	48		10	3
1	22	75	318	69	11	42		12	3
1	23	76	318	69	13	4		13	33
1	24	78	318	69	16	22		16	31
1	25	79	318	69	18	21		18	32
1	26	79	318	69	19	12		19	51
1	27	81	318	69	21	13		23	32
1	28	82	319	69	0	0		0	24
1	29	83	319	69	2	0		2	24
1	30	84	319	69	3	57		4	26
1	31	85	319	69	6	3		6	33
1	32	87	319	69	11	17		11	48
1	33	89	319	69	12	16		12	30
1	34	90	319	69	14	13		14	37
1	35	90	319	69	16	44		16	54
1	36	91	319	69	18	33		18	54
1	37	91	319	69	19	9		19	34
1	38	92	319	69	21	36		22	10
1	39	94	320	69	0	31		0	48
1	40	95	320	69	2	22		2	48
1	41	96	320	69	4	21		4	48
1	42	96	320	69	4	27		4	40
1	43	97	320	69	6	30		6	46
1	44	98	320	69	9	44		10	11
1	45	99	320	69	11	44		12	12
1	46	101	320	69	14	41		15	0
1	47	101	320	69	15	44		16	4
1	48	102	320	69	17	10		17	20
1	49	103	320	69	19	34		19	58
1	50	104	320	69	21	2		21	15

RTT

QRS-1 4700 MAGNETOMETER-EXPERIMENT FILE TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN TO	HR	MIN	
1	51	106	321	69	0	52	1	13	
1	52	107	321	69	2	45	3	14	
1	53	108	321	69	4	45	5	11	
1	54	109	321	69	7	1	7	14	
1	55	46464822487936215				1295471	45		PARITY - ERROR
1	56	111	321	69	1	59	12	34	
1	57	71680544	4416835	58		856	46		PARITY ERROR
1	58	113	321	69	15	3	15	23	
1	59	113	321	69	16	3	16	25	
1	60	114	321	69	17	39	17	35	
1	61	115	321	69	19	27	19	38	
1	62	115	321	69	19	57	20	0	
1	63	118	322	69	1	14	1	35	
1	64	119	322	69	2	9	3	36	
1	65	119	322	69	3	38	3	47	
1	66	120	322	69	5	10	5	33	
1	67	120	322	69	5	37	5	48	
1	68	122	322	69	10	33	11	0	
1	69	125	322	69	15	28	15	46	
1	70	126	322	69	17	56	18	4	
1	71	130	323	69	1	39	1	56	
1	72	131	323	69	3	32	3	58	
1	73	132	323	69	5	34	5	56	
1	74	134	323	69	9	49	10	4	
1	75	136	323	69	13	43	14	9	
1	76	137	323	69	16	43	17	11	
1	77	138	323	69	18	47	19	8	
1	78	142	324	69	1	57	2	23	
1	79	143	324	69	3	55	4	22	
1	80	143	324	69	4	24	4	34	
1	81	144	324	69	6	0	6	19	
1	82	145	324	69	9	13	9	45	
1	83	146	324	69	10	13	10	27	
1	84	12160736	4416147	17		883	22		PARITY ERROR
1	85	148	324	69	14	13	14	32	
1	86	149	324	69	17	3	17	24	
1	87	150	324	69	18	37	18	50	
1	88	153	325	69	0	28	0	45	
1	89	15744520027904252				-59912759	-13		PARITY ERROR
1	90	155	325	69	4	18	4	44	
1	91	155	325	69	4	47	4	57	
1	92	157	325	69	6	35	6	47	
1	93	159	325	69	12	37	12	49	
1	94	162	325	69	17	1	17	15	
1	95	161	325	69	17	27	17	57	
1	96	1650864	4416	54	42	74	24		
1	97	166	326	69	2	42	3	10	
1	98	167	326	69	4	43	5	10	
1	99	169	326	69	10	3	10	31	
1	100	171	326	69	13	0	13	18	

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
1	101	171	326	69	14	2		14	19
1	102	172	326	69	14	55		15	19
1	103	174	326	69	17	27		17	40
1	104	177	326	69	17	53		18	20
1	105	177	327	69	1	11		1	32
1	106	178	327	69	3	6		3	29
1	107	179	327	69	5	6		5	28
1	108	179	327	69	5	22		5	47
1	109	181	327	69	10	22		10	57
1	110	183	327	69	13	32		13	41
1	111	184	327	69	15	25		15	42
1	112	185	327	69	17	49		18	0
1	113	185	327	69	18	17		18	47
1	114	190	328	69	1	33		1	51
1	115	190	328	69	3	20		4	6
1	116	191	328	69	5	31		5	51
1	117	192	328	69	8	49		9	24
1	118	194	328	69	11	47		12	4
1	119	195	328	69	17	46		18	4
1	120	196	328	69	16	42		17	9
1	121	197	328	69	18	13		18	22
1	122	201	329	69	1	58		2	10
1	123	202	329	69	3	52		4	20
1	124	203	329	69	5	56		6	20
1	125	208	329	69	16	36		16	45
1	126	209	329	69	18	28		18	45
1	127	213	330	69	2	17		2	42
1	128	218	330	69	12	33		12	45
1	129	219	330	69	14	21		14	50
1	130	220	330	69	16	59		17	9
1	131	224	331	69	0	48		1	4
1	132	225	331	69	2	49		3	6
1	133	230	331	69	12	56		13	13
1	134	231	331	69	14	42		15	17
1	135	232	331	69	17	11		17	32
1	136	232	331	69	17	46		18	17
1	137	234	331	69	21	49		22	17
1	138	236	332	69	1	11		1	29
1	139	237	332	69	3	2		3	29
1	140	238	332	69	5	3		6	23
1	141	241	332	69	13	9		13	36
1	142	242	332	69	15	21		15	46
1	143	244	332	69	17	38		17	55
1	144	248	333	69	1	30		1	45
1	145	249	333	69	3	25		3	48
1	146	250	333	69	5	29		6	46
1	147	252	333	69	9	49		9	58
1	148	255	333	69	15	31		15	59
1	149	256	333	69	18	1		18	17
1	150	257	333	69	20	29		21	1

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT FI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
1	151	261	334	69	3	48		4	10
1	152	262	334	69	5	53		6	8
1	153	262	334	69	7	16		7	45
1	154	266	334	69	14	5		14	22
1	155	268	334	69	18	24		18	40
1	156	272	335	69	2	13		2	37
1	157	273	335	69	4	11		4	32
1	158	274	335	69	7	39		8	5
1	159	278	335	69	14	29		14	45
1	160	279	335	69	16	36		17	4
1	161	280	335	69	19	19		19	46
1	162	284	336	69	2	43		2	58
1	163	285	336	69	4	35		4	58
1	164	285	336	69	5	59		6	25
1	165	286	336	69	6	50		7	9
1	166	287	336	69	9	55		10	24
1	167	289	336	69	12	52		13	7
1	168	290	336	69	14	53		15	7
1	169	291	336	69	17	46		18	13
1	170	297	337	69	5	23		5	33
1	171	298	337	69	8	1		8	24
1	172	298	337	69	8	19		8	47
1	173	300	337	69	11	17		11	30
1	174	301	337	69	13	15		13	30
1	175	302	337	69	15	6		15	31
1	176	304	337	69	20	5		20	27
1	177	307	338	69	1	26		1	39
1	178	309	338	69	3	23		3	44
1	179	309	338	69	5	23		5	44
1	180	309	338	69	6	44		7	10
1	181	312	338	69	11	26		11	47
1	182	313	338	69	13	28		13	53
1	183	314	338	69	15	24		15	52
1	184	315	338	69	18	2		18	12
1	185	315	338	69	18	37		18	50
1	186	317	338	69	22	35		22	56
1	187	319	339	69	1	48		2	2
1	188	320	339	69	3	45		4	7
1	189	321	339	69	5	49		6	2
1	190	321	339	69	7	6		7	33
1	191	324	339	69	12	2		12	10
1	192	325	339	69	15	1		15	30
1	193	326	339	69	15	50		16	15
1	194	327	339	69	18	25		18	35
1	195	329	339	69	22	56		23	20
1	196	332	340	69	4	8		4	30
2	1	333	340	69	7	29		7	57
2	2	334	340	69	8	27		8	38
2	3	336	340	69	12	25		12	38
2	4	337	340	69	14	12		14	38

RTT

ERS-1 AZUR PACKETMETER-EXPERIMENT EISE TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
2	5	337	340	69	15	23		15	49
2	6	339	340	69	19	7		19	43
2	7	341	340	69	23	21		23	42
2	8	343	341	69	2	33		2	52
2	9	344	341	69	4	31		4	53
2	10	344	341	69	5	53		5	19
2	11	346	341	69	9	46		10	19
2	12	347	341	69	10	47		11	9
2	13	349	341	69	12	26		13	1
2	14	349	341	69	14	28		15	1
2	15	350	341	69	17	10		17	21
2	16	350	341	69	17	33		18	5
2	17	352	341	69	21	31		22	5
2	19	355	342	69	2	57		3	15
2	19	356	342	69	4	55		5	16
2	20	357	342	69	8	14		8	42
2	21	360	342	69	13	12		13	24
2	22	361	342	69	15	58		16	33
2	23	362	342	69	17	33		17	44
2	24	363	342	69	19	53		20	30
2	25	366	343	69	1	22		1	33
2	26	367	343	69	3	17		3	38
2	27	368	343	69	6	38		7	5
2	28	372	343	69	13	37		13	47
2	29	374	343	69	17	56		18	7
2	30	375	343	69	20	52		21	27
2	31	378	344	69	1	47		1	56
2	32	379	344	69	3	5		3	31
2	33	379	344	69	3	39		4	2
2	34	380	344	69	5	55		6	12
2	35	380	344	69	6	29		6	56
2	36	381	344	69	8	30		8	52
2	37	383	344	69	11	37		11	57
2	38	384	344	69	13	56		14	10
2	39	383	344	69	14	30		14	54
2	40	385	344	69	16	39		16	57
2	41	386	344	69	18	19		18	29
2	42	387	344	69	21	15		21	40
2	43	388	344	69	22	34		22	55
2	44	390	345	69	2	5		2	25
2	45	391	345	69	4	3		4	20
2	46	391	345	69	4	15		4	26
2	47	392	345	69	5	27		5	59
2	48	392	345	69	6	51		7	18
2	49	393	345	69	8	54		9	13
2	50	394	345	69	9	48		10	15
2	51	395	345	69	12	20		12	32
2	52	396	345	69	14	20		14	32
2	53	395	345	69	16	2		16	25
2	54	397	345	69	17	41		18	11

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT FILE TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HP	MIN
2	55	398	345	69	19	29	19	51	
2	56	398	345	69	19	39	19	59	
2	57	399	345	69	21	38	21	58	
2	58	400	345	69	22	52	23	7	
2	59	399	346	69	0	5	0	21	
2	60	402	346	69	2	27	2	48	
2	61	401	346	69	3	52	4	22	
2	62	402	346	69	4	26	4	58	
2	63	403	346	69	5	50	5	20	
2	64	405	346	69	10	22	10	44	
2	65	406	346	69	11	45	12	15	
2	66	407	346	69	12	42	12	54	
2	67	408	346	69	14	43	14	55	
2	68	408	346	69	15	19	15	46	
2	69	409	346	69	17	4	17	16	
2	70	410	346	69	19	22	19	59	
2	71	411	346	69	21	21	21	42	
2	72	411	346	69	22	2	22	32	
2	73	414	347	69	2	49	3	11	
2	74	414	347	69	3	42	4	6	
2	75	414	347	69	4	13	4	48	
2	76	415	347	69	4	50	5	7	
2	77	415	347	69	6	13	6	41	
2	78	417	347	69	10	0	10	37	
2	79	419	347	69	12	45	13	17	
2	80	419	347	69	13	42	14	10	
2	81	420	347	69	15	6	15	17	
2	82	421	347	69	17	21	17	39	
2	83	421	347	69	18	26	18	54	
2	84	423	347	69	21	52	22	23	
2	85	423	347	69	22	24	22	53	
2	86	423	348	69	0	40	1	10	
2	87	425	348	69	1	15	1	33	
2	88	426	348	69	3	12	3	33	
2	89	425	348	69	4	3	4	30	
2	90	426	348	69	4	37	5	10	
2	91	427	348	69	5	14	5	30	
2	92	426	348	69	5	59	6	29	
2	93	427	348	69	8	0	8	25	
2	94	429	348	69	10	33	11	9	
2	95	430	348	69	11	27	11	40	
2	96	431	348	69	13	16	13	40	
2	97	430	348	69	15	11	15	40	
2	98	431	348	69	16	4	16	31	
2	99	433	348	69	17	44	18	2	
2	100	433	348	69	20	47	21	20	
2	101	434	348	69	22	47	23	12	
2	102	437	349	69	4	59	5	32	
2	103	439	349	69	8	23	8	48	
2	104	439	349	69	9	32	9	56	

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT F115 TAPE INDEX LIST

TAPE	FILE	COR	IT	DAY	YEAR	HR	MIN	TO	HR	MIN
2	105	442	340		69	11	52		12	3
2	106	441	340		69	12	25		12	51
2	107	443	340		69	13	43		14	3
2	108	442	340		69	14	26		14	48
2	109	445	340		69	15	7		14	25
2	110	445	340		69	19	11		19	44
2	111	446	340		69	21	10		21	43
2	112	447	340		69	23	9		23	26
2	113	440	350		69	2	1		2	12
2	114	440	350		69	3	23		3	56
2	115	450	350		69	3	58		4	14
2	116	450	350		69	5	22		5	53
2	117	453	350		69	8	47		9	8
2	118	454	350		69	12	57		13	10
2	119	456	350		69	16	35		16	47
2	120	456	350		69	17	37		17	52
2	121	457	350		69	18	35		18	46
2	122	460	351		69	1	40		2	17
2	123	461	351		69	3	46		4	5
2	124	462	351		69	4	21		4	37
2	125	462	351		69	5	45		6	14
2	126	466	351		69	12	37		12	48
2	127	466	351		69	13	9		13	37
2	128	467	351		69	15	10		15	34
2	129	469	351		69	19	57		20	17
2	130	470	351		69	20	53		21	3
2	131	470	351		69	21	19		21	37
2	132	471	351		69	22	43		23	1
2	133	472	352		69	2	11		2	33
2	134	473	352		69	2	45		2	58
2	135	473	352		69	4	11		4	38
2	136	474	352		69	4	46		4	58
2	137	476	352		69	10	28		10	54
2	138	470	352		69	14	58		15	11
2	139	480	352		69	17	20		17	33
2	140	480	352		69	18	22		18	51
2	141	481	352		69	20	20		20	53
2	142	482	352		69	22	19		22	47
2	143	484	353		69	2	40		3	0
2	144	485	353		69	3	7		3	21
2	145	485	353		69	4	25		5	4
2	146	486	353		69	5	8		5	37
2	147	488	353		69	11	4		11	33
2	148	490	353		69	13	18		13	33
2	149	490	353		69	15	7		15	25
2	150	491	353		69	15	58		16	26
2	151	492	353		69	17	47		17	56
2	152	492	353		69	20	43		21	16
2	153	495	354		69	0	59		1	16
2	154773568897687936431								10004809	52

RTT

CRS-1 AZUS MAGNETIC (PETER-EXPERIMENT) FILE TAPE INDEX LIST

TAPE	FILE	OPRTY	DAY	YEAR	HR	MIN	TO	HR	MIN
2	155	497	354	69	4	54		5	26
2	156	370	354	69	6	16		6	48
2	157	499	354	69	8	16		8	43
2	158	501	354	69	12	30		13	56
2	159	502	354	69	14	20		14	52
2	160	503	354	69	16	6		15	18
2	161	504	354	69	18	5		18	19
2	162	504	354	69	19	7		19	39
2	163	505	354	69	21	6		21	34
2	164	506	354	69	23	12		23	27
2	165	508	355	69	3	19		3	50
2	166	509	355	69	3	52		4	7
2	167	509	355	69	4	41		5	11
2	168	510	355	69	6	38		7	3
2	169	512	355	69	11	37		12	0
2	170	513	355	69	12	9		12	19
2	171	514	355	69	13	54		14	19
2	172	514	355	69	14	40		15	3
2	173	515	355	69	16	28		16	42
2	174	515	355	69	17	32		17	58
2	175	516	355	69	18	23		18	41
2	176	517	355	69	20	19		20	34
2	177	517	355	69	21	29		21	59
2	178	518	355	69	22	34		22	57
2	179	540	356	69	1	45		2	4
2	180	520	356	69	2	18		2	35
2	181	521	356	69	4	16		4	30
2	182	521	356	69	4	36		4	46
2	183	521	356	69	5	2		5	33
2	184	523	356	69	10	13		10	32
2	185	525	356	69	12	31		12	41
2	186	526	356	69	15	12		15	29
2	187	527	356	69	16	51		17	5
2	188	527	356	69	17	9		17	33
3	1	528	356	69	18	46		19	4
3	2	529	356	69	21	51		22	20
3	3	530	356	69	22	59		23	16
3	4	531	357	69	0	48		1	3
3	5	531	357	69	2	8		2	27
3	6	532	357	69	2	40		2	57
3	7	532	357	69	4	7		4	32
3	8	533	357	69	4	39		4	53
3	9	533	357	69	5	24		5	56
3	10	534	357	69	7	25		7	54
3	11	535	357	69	10	23		10	39
3	12	537	357	69	12	47		13	4
3	13	537	357	69	13	37		14	1
3	14	538	357	69	15	25		15	50
3	15	538	357	69	16	55		17	28
3	16	539	357	69	18	24		18	45

RTT

GRS-1 A7UR MAGNETOMETER-EXPERIMENT ET15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
3	17	540	357	69	20	16	20	47	
3	18	0	0	69	22	21	22	40	
3	19	543	358	69	2	29	2	57	
3	20	544	358	69	4	27	4	57	
3	21	545	358	69	5	21	5	32	
3	22	546	358	69	7	46	8	2	
3	23	547	358	69	10	46	11	18	
3	24	549	358	69	13	4	13	27	
3	25	551	358	69	17	30	17	50	
3	26	552	358	69	20	31	21	9	
3	27	553	358	69	22	38	23	1	
3	28	556	359	69	3	24	3	36	
3	29	556	359	69	4	50	5	19	
3	30	557	359	69	5	33	5	54	
3	31	558	359	69	7	28	7	52	
3	32	558	359	69	8	10	8	40	
3	33	560	359	69	12	19	12	47	
3	34	561	359	69	13	39	13	40	
3	35	561	359	69	14	23	14	47	
3	36	562	359	69	15	59	15	12	
3	37	562	359	69	16	14	16	44	
3	38	563	359	69	17	56	18	13	
3	39	564	359	69	21	1	21	31	
3	40	566	359	69	23	49	0	4	
3	41	567	360	69	3	15	3	42	
3	42	568	360	69	3	47	3	59	
3	43	568	360	69	4	6	4	17	
3	44	568	360	69	5	15	5	41	
3	45	569	360	69	6	6	6	16	
3	46	569	360	69	6	31	6	49	
3	47	570	360	69	8	33	9	0	
3	48	572	360	69	12	36	13	4	
3	49	573	360	69	14	33	15	2	
3	50	574	360	69	16	20	16	36	
3	51	574	360	69	16	38	16	52	
3	52	575	360	69	18	19	18	35	
3	53	576	360	69	21	24	21	52	
3	54	577	360	69	22	30	22	48	
3	55	579	361	69	3	39	4	6	
3	56	580	361	69	4	10	4	21	
3	57	580	361	69	4	56	5	27	
3	58	581	361	69	7	4	7	27	
3	59	585	361	69	16	10	16	26	
3	60	586	361	69	16	39	16	59	
3	61	587	361	69	18	39	18	57	
3	62	589	361	69	21	47	22	14	
3	63	589	361	69	22	59	23	26	
3	64	591	362	69	2	34	2	44	
3	65	591	362	69	4	3	4	28	
3	66	592	362	69	4	51	5	3	

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT F115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
3	67	592	362	69	5	19		5	31
3	68	593	362	69	7	17		7	39
3	69	595	362	69	11	24		11	50
3	70	596	362	69	13	23		13	56
3	71	597	362	69	15	21		15	55
3	72	598	362	69	17	2		17	22
3	73	599	362	69	19	1		19	24
3	74	600	362	69	22	10		22	35
3	75	601	362	69	23	22		23	48
3	76	603	363	69	2	56		2	6
3	77	603	363	69	4	26		4	50
3	78	604	363	69	4	57		4	8
3	79	605	363	69	7	40		7	11
3	80	606	363	69	10	41		10	57
3	81	609	363	69	15	32		15	42
3	82	609	363	69	15	44		16	17
3	83	610	363	69	17	24		17	40
3	84	611	363	69	19	25		19	41
3	85	611	363	69	20	33		21	3
3	86	617	363	69	23	36		23	59
3	87	613	364	69	0	50		1	12
3	88	614	364	69	2	47		2	13
3	89	615	364	69	3	18		3	29
3	90	615	364	69	4	45		5	12
3	91	616	364	69	6	3		6	16
3	92	617	364	69	8	3		8	23
3	93	621	364	69	15	52		16	6
3	94	621	364	69	16	7		16	40
3	95	622	364	69	17	49		18	7
3	96	622	364	69	18	58		19	24
3	97	624	364	69	22	7		22	36
3	98	626	364	69	2	9		2	32
3	99	627	365	69	3	40		3	52
3	100	627	364	69	5	8		5	34
3	101	629	365	69	9	33		9	47
3	102	631	365	69	12	34		13	4
3	103	632	365	69	14	29		15	4
3	104	633	365	69	16	11		16	30
3	105	634	365	69	17	59		18	26
3	106	635	365	69	21	24		21	41
3	107	636	365	69	22	24		22	43
3	108	638	1	69	2	32		2	59
3	109	639	1	69	4	4		4	14
3	110	639	1	69	4	51		5	23
3	111	641	1	70	9	51		10	9
3	112	643	1	70	12	55		13	27
3	113	644	1	70	14	51		15	27
3	114	645	1	70	16	30		16	53
3	115	645	1	70	16	54		17	23
3	116	646	1	70	18	36		18	43

RTT

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
3	117	646	1	70	10	42		20	11
3	118	647	1	70	21	49		22	7
3	119	648	1	70	22	44		23	6
3	120	649	2	70	0	26		0	51
3	121	649	2	70	1	59		2	21
3	122	651	2	70	5	12		5	28
3	123	651	2	70	6	45		6	55
3	124	653	2	70	10	13		10	32
3	125	655	2	70	13	25		13	45
3	126	656	2	70	15	14		15	50
3	127	657	2	70	16	53		17	16
3	128	657	2	70	17	18		17	45
3	129	658	2	70	18	59		19	7
3	130	659	2	70	21	16		21	45
3	131	660	2	70	23	7		23	29
3	132	661	3	70	2	19		2	38
3	133	662	3	70	2	49		2	59
3	134	662	3	70	4	17		4	43
3	135	663	3	70	4	50		5	2
3	136	663	3	70	5	41		6	8
3	137	664	3	70	7	34		8	7
3	138	666	3	70	11	38		12	3
3	139	668	3	70	15	23		15	36
3	140	668	3	70	15	37		16	12
3	141	669	3	70	17	21		17	39
3	142	670	3	70	19	22		19	35
3	143	670	3	70	20	29		20	56
3	144	671	3	70	21	17		21	30
3	145	671	3	70	21	38		22	7
3	146	672	3	70	23	17		23	27
3	147	672	3	70	23	38		0	4
3	148	673	4	70	2	42		3	5
3	149	674	4	70	4	39		5	5
3	150	675	4	70	5	56		6	31
3	151	676	4	70	7	57		8	29
3	152	677	4	70	11	1		11	17
3	153	678	4	70	12	6		12	30
3	154	679	4	70	14	0		14	36
3	155	680	4	70	15	41		16	3
3	156	681	4	70	17	40		18	2
3	157	681	4	70	18	56		19	17
3	158	682	4	70	19	39		19	53
3	159	683	4	70	21	31		21	52
3	160	683	4	70	21	54		22	18
3	161	684	4	70	23	50		0	16
3	162	684	5	70	1	8		1	27
3	163	685	5	70	3	4		3	28
3	164	686	5	70	3	34		3	52
3	165	686	5	70	5	2		5	27
3	166	688	5	70	8	20		8	50

RTT

CRS-1 AZUR MAGNETOMETER-EXPERIMENT FILE TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
3	167	689	5	70	11	21		11	34
3	168	692	5	70	16	3		16	56

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT EI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
4	1	693	5	70	17	53		15	24
4	2	694	5	70	21	14		21	39
4	3	695	5	70	22	15		22	36
4	4	696	6	70	0	13		0	35
4	5	697	6	70	3	26		3	51
4	6	698	6	70	4	54		5	10
4	7	699	6	70	6	42		7	17
4	8	700	6	70	8	43		9	11
4	9	702	6	70	12	47		13	21
4	10	703	6	70	14	44		15	21
4	11	703	6	70	15	23		17	18
4	12	704	6	70	18	15		15	46
4	13	705	6	70	19	37		20	3
4	14	707	6	70	22	39		23	0
4	15	708	7	70	0	35		0	57
4	16	709	7	70	2	21		2	36
4	17	710	7	70	5	6		5	40
4	18	715	7	70	15	7		15	44
4	19	715	7	70	16	41		17	10
4	20	716	7	70	18	2		18	23
4	21	717	7	70	18	52		19	8
4	22	717	7	70	20	0		20	26
4	23	719	7	70	23	7		23	34
4	24	719	8	70	0	49		1	8
4	25	720	8	70	2	15		2	34
4	26	721	8	70	2	43		2	53
4	27	721	8	70	4	11		4	35
4	28	724	8	70	10	30		10	47
4	29	725	8	70	11	31		11	50
4	30	726	8	70	13	26		14	2
4	31	727	8	70	15	15		15	6
4	32	728	8	70	17	13		17	34
4	33	729	8	70	19	14		19	25
4	34	729	8	70	20	27		20	48
4	35	729	8	70	21	10		21	24
4	36	731	8	70	23	30		23	59
4	37	732	9	70	2	36		2	57
4	38	733	9	70	3	59		4	16
4	39	734	9	70	5	54		6	25
4	40	734	9	70	5	54		6	25
4	41	735	9	70	7	56		8	23
4	42	736	9	70	10	52		11	9
4	43	737	9	70	12	2		12	28
4	44	739	9	70	15	35		15	52
4	45	741	9	70	20	46		21	10
4	46	742	9	70	21	53		22	5
4	47	743	9	70	23	45		23	54
4	48	744	10	70	2	59		3	28
4	49	744	10	70	3	44		3	59
4	50	745	10	70	4	57		5	19

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MTN	TO	HR	MIN
4	51	745	10	70	5	43		5	58
4	52	747	10	70	8	12		8	45
4	53	749	10	70	12	21		12	51
4	54	750	10	70	14	15		14	52
4	55	751	10	70	15	58		16	50
4	56	752	10	70	17	53		18	19
4	57	752	10	70	19	12		19	30
4	58	753	10	70	21	9		21	32
4	59	754	10	70	22	19		22	38
4	60	755	11	70	1	25		1	42
4	61	756	11	70	1	57		2	16
4	62	756	11	70	3	21		3	43
4	63	758	11	70	6	34		7	10
4	64	759	11	70	8	35		9	6
4	65	761	11	70	12	49		13	15
4	66	762	11	70	14	41		15	9
4	67	763	11	70	16	20		16	42
4	68	764	11	70	19	31		19	55
4	69	765	11	70	21	31		21	47
4	70	766	11	70	22	29		22	51
4	71	767	12	70	0	21		0	41
4	72	768	12	70	3	43		4	5
4	73	771	12	70	9	10		9	27
4	74	772	12	70	11	12		11	33
4	75	773	12	70	12	57		13	20
4	76	774	12	70	15	14		15	40
4	77	775	12	70	16	39		17	4
4	78	775	12	70	17	5		17	34
4	79	776	12	70	19	54		20	13
4	80	777	12	70	21	2		21	21
4	81	778	12	70	22	52		23	0
4	82	778	13	70	0	41		0	48
4	83	779	13	70	0	52		1	13
4	84	780	13	70	4	6		4	28
4	85	781	13	70	5	39		5	56
4	86	784	13	70	12	48		12	58
4	87	786	13	70	15	5		15	59
4	88	786	13	70	16	56		17	28
4	89	787	13	70	18	19		18	38
4	90	788	13	70	19	7		19	24
4	91	788	13	70	20	17		20	39
4	92	789	13	70	21	17		21	42
4	93	791	14	70	3	13		3	22
4	94	792	14	70	4	28		4	49
4	95	793	14	70	6	4		6	19
4	96	794	14	70	7	43		8	17
4	97	797	14	70	13	46		14	2
4	98	798	14	70	15	26		16	22
4	99	798	14	70	17	21		17	51
4	100	799	14	70	18	41		19	0

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
4	101	800	14	70	19	29		19	46
4	102	800	14	70	20	40		21	1
4	103	804	15	70	4	11		4	42
4	104	804	15	70	5	35		5	51
4	105	805	15	70	6	6		6	41
4	106	805	15	70	7	36		7	49
4	107	808	15	70	12	15		12	46
4	108	809	15	70	14	8		14	40
4	109	810	15	70	15	51		16	24
4	110	811	15	70	17	50		17	59
4	111	811	15	70	19	4		19	24
4	112	812	15	70	19	51		20	7
4	113	812	15	70	20	15		20	40
4	114	813	15	70	22	19		22	42
4	115	813	15	70	23	47		0	24
4	116	815	16	70	3	16		3	32
4	117	816	16	70	3	42		3	55
4	118	815	16	70	3	57		4	16
4	119	816	16	70	5	14		5	33
4	120	817	16	70	6	28		6	45
4	121	818	16	70	8	39		9	1
4	122	821	16	70	14	26		15	4
4	123	822	16	70	16	13		16	35
4	124	823	16	70	18	13		18	24
4	125	823	16	70	19	25		19	47
4	126	823	16	70	20	5		20	28
4	127	824	16	70	21	31		21	45
4	128	824	16	70	22	9		22	52
4	129	826	17	70	0	12		0	33
4	130	826	17	70	1	39		1	57
4	131	828	17	70	5	10		5	27
4	132	829	17	70	6	51		7	25
4	133	829	17	70	8	23		8	33
4	134	830	17	70	8	51		9	21
4	135	831	17	70	10	59		11	26
4	136	831	17	70	12	18		12	28
4	137	834	17	70	16	34		16	59
4	138	834	17	70	18	30		18	48
4	139	835	17	70	19	49		20	9
4	140	837	17	70	22	34		23	5
4	141	836	17	70	21	1		21	19
4	142	838	18	70	0	50		1	10
4	143	839	18	70	3	23		3	50
4	144	840	18	70	4	27		4	40
4	145	840	18	70	5	16		5	50
4	146	841	18	70	7	14		7	48
4	147	841	18	70	8	43		8	54
4	148	842	18	70	9	16		9	40
4	149	845	18	70	14	55		15	18
4	150	845	18	70	16	48		17	22

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT FI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
4	151	846	18	70	18	52	19	11	
4	152	848	18	70	20	55	21	36	
4	153	849	18	70	22	59	23	38	
4	154	850	19	70	1	0	1	18	
4	155	850	19	70	2	25	2	41	
4	156	851	19	70	2	50	3	15	
4	157	852	19	70	5	37	6	12	
4	158	854	19	70	9	0	9	16	
4	159	855	19	70	11	39	12	12	
4	160	855	19	70	13	2	13	13	
4	161	856	19	70	17	34	14	13	
4	162	856	19	70	15	14	15	42	
4	163	857	19	70	17	14	17	44	
4	164	858	19	70	18	35	18	53	
4	165	859	19	70	19	20	19	34	
4	166	859	19	70	20	34	20	54	
4	167	860	19	70	21	38	22	14	
4	168	860	19	70	23	16	23	30	
4	169	861	20	70	1	19	1	49	
4	170	863	20	70	3	12	3	25	
4	171	863	20	70	5	59	6	30	

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
5	1	869	20	70	15	43		15	7
5	2	870	20	70	17	42		18	7
5	3	869	20	70	18	58		19	15
5	4	871	20	70	19	43		19	57
5	5	870	20	70	20	55		21	14
5	6	871	20	70	22	0		22	36
5	7	873	20	70	23	39		0	12
5	8	875	21	70	3	34		3	48
5	9	874	21	70	4	41		4	57
5	10	875	21	70	6	22		6	57
5	11	877	21	70	7	50		8	4
5	12	876	21	70	8	21		8	44
5	13	878	21	70	9	45		10	0
5	14	879	21	70	12	21		12	58
5	15	879	21	70	14	19		14	44
5	16	881	21	70	15	1		15	29
5	17	882	21	70	18	1		18	17
5	18	883	21	70	20	0		20	20
5	19	882	21	70	21	20		21	38
5	20	884	21	70	21	55		22	32
5	21	885	22	70	0	17		0	40
5	22	885	22	70	3	31		3	49
5	23	887	22	70	3	57		4	10
5	24	887	22	70	4	11		4	19
5	25	886	22	70	4	47		5	19
5	26	888	22	70	6	12		6	29
5	27	887	22	70	6	44		7	20
5	28	889	22	70	8	12		8	26
5	29	888	22	70	8	44		9	15
5	30	878	22	70	10	7		10	22
5	31	891	22	70	12	10		12	20
5	32	890	22	70	12	50		13	25
5	33	891	22	70	14	45		15	25
5	34	209512375505120087					-15557402	-17	
5	35	893	22	70	19	43		20	1
5	36	895	22	70	20	17		20	40
5	37	7701472	4480149				33	178	20
5	38	897	23	70	3	53		4	11
5	39	899	23	70	4	19		4	40
5	40	898	23	70	5	9		5	42
5	41	899	23	70	7	7		7	41
5	42	901	23	70	8	35		8	48
5	43	9001472	4480594				34	614	58
5	44	901	23	70	11	12		11	42
5	45	902	23	70	13	4		13	43
5	46	25088420886720896					36	64366	48
5	47	905	23	70	15	43		17	15
5	48	906	23	70	18	44		19	4
5	49	905	23	70	20	7		20	24
5	50	907	23	70	20	51		21	25

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
5	51	908	23	70	22	51	23	10	
5	52	909	24	70	0	49		1	12
5	53	3991536	4400173		0	201		36	
5	54	909	24	70	3	39		4	5
5	55	911	24	70	4	42		4	55
5	56	910	24	70	5	31		5	59
5	57	911	24	70	7	30		8	4
5	58	913	24	70	8	52		9	9
5	59	913	24	70	11	32		12	5
5	50	915	24	70	12	43		13	6
5	51	914	24	70	13	27		14	6
5	52	915	24	70	15	12		15	9
5	53	917	24	70	17	5		17	21
5	54	918	24	70	19	12		19	27
5	55	917	24	70	20	27		20	46
5	56	919	24	70	21	13		21	49
5	57	920	24	70	23	8		23	49
5	58	922	25	70	3	5		3	19
5	59	921	25	70	4	13		4	27
5	70	922	25	70	5	52		5	27
5	71	925	25	70	9	14		9	32
5	72	925	25	70	11	18		11	31
5	73	925	25	70	12	3		12	31
5	74	925	25	70	13	54		14	33
5	75	928	25	70	15	27		15	31
5	76	929	25	70	17	32		17	46
5	77	928	25	70	18	52		19	7
5	78	930	25	70	19	32		19	50
5	79	929	25	70	20	50		21	8
5	80	931	25	70	21	31		22	17
5	81	932	25	70	23	30		23	57
5	82	933	25	70	1	31		2	5
5	83	933	25	70	4	20		4	50
5	84	935	26	70	5	33		5	2
5	85	934	26	70	6	13		6	50
5	86	936	26	70	7	41		7	58
5	87	935	26	70	8	14		8	47
5	88	937	26	70	9	37		9	54
5	89	937	26	70	12	14		12	51
5	90	939	26	70	13	31		14	1
5	91	938	26	70	14	11		14	50
5	92	940	26	70	15	53		15	24
5	93	941	26	70	17	57		18	11
5	94	942	26	70	19	54		20	13
5	95	941	26	70	21	13		21	29
5	96	943	26	70	21	52		22	14
5	97	944	26	70	23	53		0	35
5	98	945	27	70	2	3		2	4
5	99	945	27	70	3	29		3	49
5	100	946	27	70	3	48		4	13

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORITT	DAY	YEAR	HR	MIN	TO	HR	MIN
5	101	946	27	70	4	41		5	12
5	102	947	27	70	5	38		7	11
5	103	948	27	70	8	35		9	9
5	104	949	27	70	9	59		10	15
5	105	950	27	70	12	43		13	17
5	106	951	27	70	14	15		14	26
5	107	951	27	70	14	38		15	18
5	108	952	27	70	15	15		17	15
5	109	953	27	70	18	13		18	34
5	110	953	27	70	19	37		19	53
5	111	954	27	70	20	13		20	38
5	112	955	27	70	22	33		23	3
5	113	956	28	70	0	21		0	55
5	114	957	28	70	2	11		2	47
5	115	957	28	70	3	15		3	25
5	116	958	28	70	4	11		4	26
5	117	958	28	70	5	2		5	35
5	118	959	28	70	7	3		7	34
5	119	960	28	70	9	0		9	29
5	120	962	28	70	13	4		13	40
5	121	963	28	70	14	43		15	40
5	122	964	28	70	15	29		17	37
5	123	965	28	70	18	35		18	57
5	124	966	28	70	20	42		21	18
5	125	967	28	70	22	42		23	18
5	126	969	29	70	2	35		3	31
5	127	970	29	70	4	33		4	48
5	128	970	29	70	5	24		5	57
5	129	971	29	70	7	22		7	55
5	130	972	29	70	8	44		8	3
5	131	972	29	70	9	24		9	49
5	132	973	1956	44	107	12	10	765	7
5	133	974	29	70	13	19		13	54
5	134	975	29	70	14	49		15	44
5	135	976	29	70	15	56		17	44
5	136	977	29	70	19	0		19	21
5	137	978	29	70	21	0		21	47
5	138	979	29	70	22	52		23	47
5	139	980	30	70	1	0		1	38
5	140	981	30	70	2	55		3	24
5	141	981	30	70	3	53		4	20
5	142	982	30	70	5	45		5	20
5	143	983	30	70	7	11		7	29
5	144	983	30	70	7	45		8	18
5	145	985	29	70	11	57		12	24
5	146	985	30	70	13	15		13	30
5	147	985	30	70	13	42		14	14

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
5	1	990	30	70	21	17		22	10
5	2	991	30	70	23	27		23	45
5	3	993	31	70	3	35		3	54
5	4	993	31	70	4	14		4	42
5	5	994	31	70	6	7		6	42
5	6	995	31	70	9	7		9	40
5	7	997	31	70	12	7		12	43
5	8	998	31	70	14	3		14	43
5	9	999	31	70	15	47		15	46
5	10	1001	31	70	19	32		20	9
5	11	1002	31	70	21	57		22	7
5	12	1003	31	70	23	55		0	23
5	13	1005	32	70	1	42		1	58
5	14	1005	32	70	4	34		5	4
5	15	1006	32	70	6	31		7	4
5	16	1007	32	70	9	30		9	1
5	17	1009	32	70	11	53		12	15
5	18	1009	32	70	12	40		13	9
5	19	1010	32	70	14	9		14	19
5	20	1010	32	70	14	27		15	5
5	21	1011	32	70	16	7		17	9
5	22	1012	32	70	19	4		19	28
5	23	1013	32	70	20	9		20	29
5	24	1014	32	70	22	7		22	32
5	25	1015	33	70	0	7		0	42
5	26	1017	33	70	4	2		4	19
5	27	1017	33	70	4	55		5	27
5	28	1018	33	70	6	53		7	27
5	29	1019	33	70	8	54		9	23
5	30	1021	33	70	12	58		13	32
5	31	1022	33	70	14	30		15	27
5	32	1026	33	70	16	14		17	29
5	33	1024	33	70	18	29		19	50
5	34	1025	33	70	20	29		21	10
5	35	1026	33	70	22	47		23	5
5	36	1027	34	70	0	31		1	13
5	37	1028	34	70	2	25		3	22
5	38	1029	34	70	4	24		4	50
5	39	1030	34	70	7	15		7	37
5	40	1031	34	70	9	17		9	41
5	41	1032	34	70	11	20		11	50
5	42	1033	34	70	13	12		13	51
5	43	1034	34	70	14	56		15	22
5	44	1035	34	70	16	45		17	9
5	45	1035	34	70	19	55		19	14
5	46	1037	34	70	20	45		21	35
5	47	1039	34	70	22	50		23	13
5	48	1039	35	70	0	55		1	32
5	49	1040	35	70	2	45		3	17
5	50	1041	35	70	4	47		5	11

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GRS-1 AZJR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORITT	DAY	YEAR	HR	MIN	TO	HR	MIN
5	51	1041	35	70	5	39		6	12
5	52	1042	35	70	6	56		7	7
5	53	1042	35	70	7	37		8	10
5	54	1044	35	70	10	57		11	14
5	55	1045	35	70	13	33		14	12
5	56	1046	35	70	15	4		16	10
5	57	1047	35	70	17	10		17	32
5	58	1048	35	70	19	12		19	37
5	59	1049	35	70	21	18		21	59
5	60	1052	36	70	4	7		4	34
5	61	1053	36	70	6	0		6	34
5	62	1054	36	70	7	19		7	29
5	63	1055	36	70	9	14		9	29
5	64	1056	36	70	12	11		12	38
5	65	1057	36	70	13	56		14	35
5	66	1058	36	70	15	39		16	17
5	67	1059	36	70	17	24		17	56
5	68	1060	36	70	19	39		20	4
5	69	1061	36	70	21	39		22	22
5	70	1062	36	70	23	40		0	6
5	71	1063	37	70	1	33		2	5
5	72	1064	37	70	3	30		4	0
5	73	1065	37	70	6	23		6	41
5	74	1070	37	70	16	24		17	0
5	75	1071	37	70	18	2		18	20
5	76	1072	37	70	19	52		20	27
5	77	1073	37	70	21	56		22	49
5	78	1074	37	70	23	57		0	43
5	79	1075	38	70	1	55		2	27
5	80	1076	38	70	3	53		4	22
5	81	3328564885720737			30	21795		24	
5	82	1077	38	70	6	0		6	16
5	83	1077	38	70	6	45		7	18
5	84	1078	38	70	8	45		9	15
5	85	3520564885720719			9	41867		3	
5	86	1080	38	70	12	51		13	24
5	87	1081	38	70	14	4		15	24
5	88	1082	38	70	16	23		17	22
5	89	1083	38	70	18	23		18	43
5	90	1084	38	70	20	18		20	44
5	91	1084	38	70	20	48		21	21
5	92	1085	38	70	22	12		23	7
5	93	1085	39	70	0	25		0	52
5	94	1087	39	70	2	22		2	49
5	95	1094	39	70	16	45		17	0
5	96	1095	39	70	18	45		19	6
5	97	1095	39	70	20	35		21	6
5	98	1095	39	70	21	4		21	45
5	99	1098	40	70	0	59		1	13
5	100	1099	40	70	2	39		3	20

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT EI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
5	101	1109	40	70	3	42		4	3
5	102	1100	40	70	4	38		5	3
5	103	1100	40	70	5	31		5	44
5	104	1101	40	70	6	45		6	59
5	105	1102	40	70	8	48		9	12
5	106	1103	40	70	10	48		11	13
5	107	1104	40	70	12	42		13	6
5	108	1115	41	70	13	28		13	44
5	109	1106	40	70	16	57		18	3
5	110	1107	40	70	17	2		19	30
5	111	1108	40	70	21	8		21	25
5	112	1109	40	70	23	15		23	55
5	113	1110	41	70	0	57		1	49
5	114	1111	41	70	2	59		3	31
5	115	1111	41	70	4	2		4	25
5	115	1112	41	70	5	2		5	25
5	117	1112	41	70	5	54		6	25

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT ET15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
7	1	1119	41	70	17	20		17	48
7	2	1119	41	70	19	30		19	52
7	3	1120	41	70	21	33		21	44
7	4	1121	41	70	23	32		0	4
7	5	1022	42	70	1	28		2	6
7	6	1123	42	70	3	20		3	40
7	7	1123	42	70	4	22		4	48
7	8	1124	42	70	5	29		5	39
7	9	1124	42	70	5	15		5	49
7	10	1125	42	70	7	39		9	0
7	11	1125	42	70	8	14		9	27
7	12	1128	42	70	14	15		14	53
7	13	1129	42	70	16	15		15	30
7	14	1130	42	70	17	53		18	12
7	15	1131	42	70	19	52		20	15
7	16	1132	42	70	21	47		22	9
7	17	1133	43	70	0	15		0	21
7	18	1134	43	70	1	44		2	20
7	19	1135	43	70	3	43		4	14
7	20	1136	43	70	5	49		5	8
7	21	1140	43	70	14	21		14	42
7	22	1141	43	70	15	14		17	14
7	23	1142	43	70	18	14		18	35
7	24	1143	43	70	20	14		20	37
7	25	1144	43	70	22	13		22	41
7	26	1145	44	70	2	1		2	41
7	27	1147	44	70	3	59		4	35
7	28	1147	44	70	5	3		5	32
7	29	1149	44	70	7	1		7	32
7	30	1149	44	70	9	1		9	27
7	31	1151	44	70	13	5		13	37
7	32	1152	44	70	14	39		15	14
7	33	1153	44	70	16	35		15	52
7	34	1154	44	70	19	37		19	59
7	35	1027	44	70	20	37		21	0
7	36	1155	44	70	22	37		23	12
7	37	1159	45	70	4	34		4	56
7	38	1031	45	70	5	24		5	51
7	39	1150	45	70	7	22		7	47
7	40	1152	45	70	11	27		11	55
7	41	1153	45	70	13	25		14	0
7	42	1035	45	70	15	22		15	44
7	43	747522980	4480	4480	22	59		23	49
7	44	1159	45	70	0	59		1	32
7	45	1170	45	70	3	5		3	54
7	46	750082944	4480	4480	5	50		7	32
7	47	1174	45	70	11	47		12	19
7	48	1175	45	70	13	47		14	23
7	49	1177	45	70	17	22		17	41
7	50	1178	45	70	19	21		19	40

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
7	51	1179	46	70	21	23		22	11
7	52	1180	46	70	23	23		0	10
7	53	1181	47	15	1	21		1	51
7	54	1182	47	15	3	19		3	46
7	55	1182	47	15	4	15		4	39
7	56	1183	47	15	5	13		5	40
7	57	1183	47	15	6	7		6	39
7	58	1184	47	15	8	8		8	37
7	59	1185	47	15	9	22		9	50
7	50	1186	47	15	11	23		11	33
7	51	1186	47	15	12	18		12	40
7	52	1189	47	15	15	44		15	42
7	53	1189	47	15	17	43		18	4
7	54	1190	47	70	19	34		20	9
7	55	1191	47	70	21	43		22	9
7	56	1191	47	70	22	27		22	44
7	57	1192	47	70	23	44		0	29
7	58	1193	49	70	1	31		2	13
7	59	1194	49	70	3	34		4	8
7	70	1194	49	70	4	36		5	1
7	71	1195	49	70	5	37		5	1
7	72	1195	48	70	6	3		6	33
7	73	1196	48	70	7	45		7	58
7	74	1197	49	70	9	44		10	11
7	75	1199	49	70	12	38		13	5
7	76	1199	49	70	14	9		14	34
7	77	1200	49	70	15	5		15	19
7	78	1201	49	70	17	45		18	29
7	79	1202	49	70	20	5		20	30
7	80	1202	48	70	20	38		21	5
7	81	1203	48	70	22	46		23	6
7	82	1204	49	70	23	55		0	49
7	93	1205	49	70	2	2		2	36
7	94	1206	49	70	4	3		5	1
7	95	1207	49	70	6	3		6	16
7	95	1207	49	70	6	23		6	54
7	97	1208	49	70	8	12		8	20
7	98	1209	49	70	10	5		10	19
7	99	1211	49	70	14	24		14	44
7	90	1212	49	70	16	7		17	14
7	91	1213	49	70	18	27		18	52
7	92	1214	49	70	20	27		21	12
7	93	1215	49	70	22	24		23	15
7	94	1216	50	70	0	22		1	11
7	95	1217	50	70	2	19		2	56
7	95	1217	50	70	3	5		3	23
7	97	1218	50	70	4	18		4	50
7	98	1218	50	70	5	19		5	36
7	99	1219	50	70	6	25		7	14
7	100	1220	50	70	8	29		9	42

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT FI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
7	101	1221	50	70	10	25		10	41
7	102	1222	51	70	13	19		13	51
7	103	1223	50	70	14	41		15	35
7	104	1224	50	70	16	51		17	26
7	105	1225	50	70	19	49		19	21
7	106	1226	50	70	20	37		21	45
7	107	1227	50	70	22	40		23	36
7	108	1229	51	70	0	43		1	31
7	109	1220	51	70	2	42		3	45
7	110	1230	51	70	4	40		5	12
7	111	1231	51	70	6	53		7	6
7	112	1231	51	70	7	37		7	52
7	113	1232	51	70	8	51		9	5
7	114	1233	51	70	10	50		11	3
7	115	1234	51	70	13	3		13	24
7	116	1234	51	70	13	40		14	5
7	117	1235	51	70	15	12		15	40
7	118	1236	51	70	17	11		17	48
7	119	1236	51	70	19	5		19	42
7	120	1237	51	70	21	1		21	36
7	121	1239	51	70	23	10		0	2
7	122	1240	52	70	1	4		1	44
7	123	1241	52	70	3	4		4	3
7	124	1242	52	70	5	3		5	21
7	125	1242	52	70	6	0		6	30
7	126	1243	52	70	7	15		7	23
7	127	1243	52	70	7	59		3	21
7	128	1244	52	70	9	12		9	41
7	129	1245	52	70	11	13		11	25
7	130	1245	52	70	12	0		12	29
7	131	1246	52	70	14	1		14	35
7	132	1247	52	70	15	34		15	9
7	133	1248	52	70	17	27		18	10
7	134	1249	52	70	19	33		20	6
7	135	1249	52	70	20	8		20	31
7	136	1250	52	70	21	34		22	1
7	137	1251	52	70	23	24		0	24
7	138	1252	53	70	1	25		2	15
8	1	1253	53	70	3	24		4	1
8	2	1253	53	70	4	29		4	51
8	3	1254	53	70	5	25		5	56
8	4	1254	53	70	5	21		5	52
8	5	1255	53	70	8	22		8	44
8	6	1257	53	70	12	33		12	53
8	7	1258	53	70	14	0		14	59
8	8	1259	53	70	15	57		15	32
8	9	1260	53	70	17	56		18	32
8	10	1261	53	70	19	55		20	27
8	11	1261	53	70	20	25		20	55
8	12	1262	53	70	21	50		22	37

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
9	13	1263	53	70	23	52	0	45	
9	14	1264	54	70	1	47	2	32	
9	15	1265	54	70	3	45	4	22	
9	16	1265	54	70	4	52	5	14	
9	17	1266	54	70	5	50	6	23	
9	18	1266	54	70	6	46	7	15	
9	19	1269	54	70	9	55	10	11	
9	20	1269	54	70	12	51	13	19	
9	21	1270	54	70	14	21	14	45	
9	22	1271	54	70	16	19	15	55	
9	23	1272	54	70	18	17	18	54	
9	24	1273	54	70	20	12	20	47	
9	25	1274	54	70	22	17	22	54	
9	26	1275	55	70	0	17	0	55	
9	27	1275	55	70	2	11	2	54	
9	29	1277	55	70	4	9	4	40	
9	29	1278	55	70	7	20	7	35	
9	30	1291	55	70	13	7	13	39	
9	31	1282	55	70	14	42	15	37	
9	32	1293	55	70	16	25	17	39	
9	33	1294	55	70	18	34	19	15	
9	34	1295	55	70	20	35	21	7	
9	35	1296	55	70	22	35	23	29	
9	36	1297	56	70	0	34	0	59	
9	37	1299	56	70	2	31	3	27	
9	38	1299	56	70	4	30	5	3	
9	39	1299	56	70	5	32	5	57	
9	40	1294	56	70	14	53	15	29	
9	41	1295	56	70	15	52	17	25	
9	42	1296	56	70	19	59	19	30	
9	43	1297	56	70	20	58	21	49	
9	44	1299	56	70	23	0	23	51	
9	45	1299	57	70	0	55	1	48	
9	46	1300	57	70	2	52	4	7	
9	47	1301	57	70	4	57	5	25	
9	48	1301	57	70	5	53	5	20	
9	49	1302	57	70	6	57	7	21	
9	50	1302	57	70	7	58	9	17	
9	51	1304	57	70	12	0	12	21	
9	52	1305	57	70	15	25	16	19	
9	53	1307	57	70	17	24	17	49	
9	54	1308	57	70	19	21	19	52	
9	55	1309	57	70	21	19	22	12	
9	56	1310	57	70	23	19	23	53	
9	57	1311	58	70	1	19	2	5	
9	58	1312	58	70	3	14	4	3	
9	59	1312	58	70	4	22	4	41	
9	60	1313	58	70	5	15	5	38	
9	61	1315	58	70	9	31	9	55	
9	62	1317	58	70	13	43	14	9	

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GRS-1 AZJR MAGNETOMETER-EXPERIMENT FI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
8	53	1317	58	70	14	15		14	48
9	54	1318	58	70	15	43		15	47
9	55	1319	58	70	17	39		19	12
9	56	1320	58	70	19	41		20	14
9	57	1321	58	70	21	49		22	16
8	58	1322	58	70	23	42		0	21
8	59	1323	59	70	1	39		2	19
8	70	1324	59	70	3	36		4	14
8	71	1324	59	70	4	42		5	3
9	72	1325	59	70	5	40		6	8
8	73	1325	59	70	6	37		7	2
8	74	050563776	4480	13	57			15	6
9	75	1330	59	70	15	49		16	27
9	76	1331	59	70	18	9		18	35
9	77	1332	59	70	20	5		20	52
8	78	1333	59	70	22	3		22	34
8	79	1334	60	70	0	2		0	58
8	80	1335	60	70	1	53		3	6
8	81	1336	60	70	3	57		4	50
8	82	1336	60	70	5	3		5	26
8	83	1337	60	70	6	2		6	42
9	84	1337	60	70	7	0		7	26
8	85	1339	60	70	9	59		10	24
9	86	1341	60	70	14	20		15	35
9	87	1342	60	70	15	27		16	51
9	88	1343	60	70	18	31		19	55
9	89	1344	60	70	20	3		20	51
9	90	1345	60	70	22	13		23	4
9	91	1346	61	70	0	28		1	6
9	92	1347	61	70	2	24		3	6
9	93	1348	61	70	4	20		5	1
9	94	1349	61	70	5	24		5	49
9	95	1351	61	70	10	19		10	47
9	96	1353	61	70	14	54		15	34
9	97	1354	61	70	16	51		17	16
9	98	1355	61	70	18	38		19	21
8	99	1356	61	70	20	53		21	45
9	100	1357	61	70	22	49		23	52
9	101	1358	62	70	0	41		1	42
9	102	1359	62	70	2	42		3	24
9	103	1360	62	70	4	41		5	19
9	104	1360	62	70	5	49		5	10
8	105	1361	62	70	7	44		8	9
9	106	1363	62	70	10	42		11	19
9	107	1364	62	70	13	46		14	3
9	108	1365	62	70	15	4		15	15
8	109	1366	62	70	17	15		17	39
9	110	1367	62	70	19	11		19	44
9	111	1368	62	70	21	14		21	49
9	112	1369	62	70	23	10		23	51

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GRS-1 AZJR MAGNETOMETER-EXPERIMENT FT15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
9	113	1370	63	70	1	5		2	2
9	1	1371	63	70	3	4		3	45
9	2	1371	63	70	4	56		5	40
9	3	1393	64	70	23	53		0	49
9	4	1394	65	70	1	48		2	39
9	5	1395	65	70	5	45		5	22
9	6	1397	65	70	7	59		8	28
9	7	1398	65	70	9	58		10	20
9	8	1399	65	70	12	57		13	20
9	9	1400	65	70	14	23		15	22
9	10	1401	65	70	16	11		17	20
9	11	0	0	70	18	8		18	49
9	12	1402	65	70	20	21		20	40
9	13	1404	65	70	22	18		23	17
9	14	1405	66	70	0	14		0	56
9	15	1406	66	70	2	10		2	55
9	16	1376	63	70	14	7		14	33
9	17	1377	63	70	15	33		16	37
9	18	1378	63	70	17	33		17	52
9	19	1379	63	70	19	32		20	22
9	20	1380	63	70	21	30		21	58
9	21	1381	63	70	23	35		0	14
9	22	1382	64	70	1	27		2	20
9	23	1383	64	70	3	25		4	7
9	24	1383	64	70	4	37		4	54
9	25	1383	63	70	5	17		6	1
9	26	1386	64	70	9	37		9	56
9	27	1388	64	70	14	3		15	0
9	28	1389	64	70	15	57		15	57
9	29	1390	64	70	16	18		18	46
9	30	1393	64	70	23	53		0	49
9	31	1394	65	70	1	48		2	39
9	32	1396	65	70	5	45		6	22
9	33	1397	65	70	7	59		8	28
9	34	1398	65	70	9	58		10	20
9	35	1399	65	70	12	57		13	20
9	36	1400	65	70	14	23		15	22
9	37	1401	65	70	16	11		17	20
9	38	0	0	70	18	8		18	49
9	39	1402	65	70	20	21		20	40
9	40	1404	65	70	22	18		23	17
9	41	1405	66	70	0	14		0	56
9	42	1406	66	70	2	10		2	55
9	43	1406	66	70	3	59		5	3
9	44	1408	66	70	6	7		6	30
9	45	1409	66	70	9	21		9	35
9	46	1410	66	70	10	9		10	39
9	47	1412	66	70	14	26		15	19
9	48	1413	66	70	16	43		17	40
9	49	1414	66	70	18	42		19	30

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RES-1 AZUR MAGNETOMETER-EXPERIMENT ET15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
9	50	1415	66	70	20	29		21	16
9	51	1416	66	70	22	29		23	5
9	52	1417	67	70	0	35		1	5
9	53	1418	67	70	2	31		3	19
9	54	1419	67	70	4	19		5	13
9	55	1420	67	70	6	15		7	5
9	56	1420	67	70	8	24		8	57
9	57	1424	67	70	15	5		16	5
9	58	1425	67	70	17	5		17	56
9	59	1426	67	70	18	57		19	52
9	50	1427	67	70	21	4		21	34
9	51	1427	67	70	21	39		21	56
9	52	1429	68	70	0	55		1	51
9	53	1430	68	70	2	47		3	37
9	54	1431	68	70	4	55		5	31
9	55	1441	69	70	1	17		2	10
9	56	1442	69	70	3	14		3	58
9	57	1442	69	70	5	5		5	53
9	58	1443	69	70	6	20		6	43
9	59	1444	69	70	7	13		7	59
9	70	1444	69	70	9	11		9	39
9	71	1446	69	70	11	17		12	6
9	72	1447	69	70	13	52		14	40
9	73	1448	69	70	15	50		16	49
9	74	1449	69	70	17	49		18	37
9	75	1450	69	70	19	49		20	19
9	76	1450	69	70	20	27		20	45
9	77	1451	69	70	21	47		22	39
9	78	1452	69	70	23	45		0	37
9	79	1453	70	70	1	39		2	31
9	80	1453	70	70	3	25		4	47
9	81	1455	70	70	5	15		5	14
9	82	1455	70	70	6	45		7	5
9	83	1455	70	70	7	47		8	19
9	84	1473	71	70	18	35		18	58
9	85	1474	71	70	20	31		20	57
9	86	1475	71	70	22	27		23	23
9	87	1475	72	70	0	24		1	22
9	88	1477	72	70	2	20		3	11
9	89	1477	72	70	4	8		5	2
9	90	1478	72	70	5	32		5	48
9	3105733449	1286720	6	22				7	22
9	82	1481	72	70	10	22		11	1
9	83	1482	72	70	13	21		13	51
9	84	1483	72	70	14	51		15	54
9	85	1484	72	70	15	51		17	34
9	86	1485	72	70	18	49		19	25
9	87	1485	72	70	20	43		21	34
9	88	1487	72	70	22	49		23	31
9	89	1488	73	70	0	45		1	41

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT EI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
9	100	1499	73	70	2	42		3	28
9	101	1499	73	70	4	31		5	48
10	1	1491	73	70	6	43		7	17
10	2	1495	73	70	15	19		16	16
10	3	1495	73	70	17	2		17	44
10	4	1497	73	70	19	8		20	3
10	5	1498	73	70	21	15		21	47
10	6	1495	73	70	23	7		0	11
10	7	1500	74	70	1	4		1	54
10	8	1501	74	70	3	3		4	14
10	9	1501	74	70	4	44		5	56
10	10	1503	74	70	5	52		7	34
10	11	1503	74	70	9	5		9	32
10	12	1504	74	70	11	9		11	50
10	13	1506	74	70	13	20		14	10
10	14	1507	74	70	15	25		15	36
10	15	1508	74	70	17	39		18	27
10	16	1509	74	70	19	35		20	25
10	17	1510	74	70	21	30		22	31
10	18	1511	74	70	23	23		0	37
10	19	1512	75	70	1	27		2	27
10	20	1512	75	70	2	54		4	17
10	21	1514	75	70	5	23		5	9
10	22	1515	75	70	7	29		7	56
10	23	1515	75	70	9	30		9	50
10	24	1518	75	70	14	5		14	59
10	25	1519	75	70	15	57		15	58
10	26	1524	76	70	1	49		2	35
10	27	1527	76	70	7	49		9	19
10	28	1529	76	70	9	47		10	25
10	29	1530	76	70	14	9		14	59
10	30	1546	77	70	22	19		23	34
10	31	1547	78	70	0	35		1	16
10	32	1548	79	70	2	31		3	27
10	33	1549	78	70	5	29		7	2
10	34	1551	78	70	8	34		9	14
10	35	1552	78	70	10	38		11	16
10	36	1553	79	70	13	42		14	9
10	37	1554	78	70	14	43		15	7
10	38	1558	79	70	22	59		23	59
10	39	1559	79	70	0	55		1	29
10	40	1560	79	70	4	43		5	31
10	41	1562	79	70	6	54		7	25
10	42	1562	79	70	8	0		9	19
10	43	1562	79	70	9	42		9	36
10	44	1565	79	70	14	2		14	26
10	45	1566	79	70	15	17		16	26
10	46	1567	79	70	17	29		18	29
10	47	1568	79	70	19	23		20	24
10	48	1569	79	70	21	11		22	26

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GRS-1 A7JR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
10	49	1570	79	70	23	19	0	9	
10	50	1574	80	70	8	23	8	40	
10	51	1576	80	70	12	23	12	44	
10	52	1580	80	70	19	29	20	55	
10	53	1582	80	70	23	48	0	40	
10	54	1584	81	70	1	39	4	47	
10	55	1584	81	70	5	24	6	22	
10	56	1585	81	70	7	20	8	5	
10	57	1586	81	70	9	24	10	5	
10	58	1588	81	70	11	39	12	26	
10	59	1589	81	70	13	43	14	7	
10	50	1590	81	70	16	14	17	8	
10	51	1591	81	70	17	56	19	13	
10	52	1592	81	70	19	59	21	15	
10	53	1593	81	70	21	54	23	11	
10	54	1594	82	70	0	10	1	4	
10	55	1595	82	70	2	3	2	52	
10	56	1596	82	70	4	5	4	55	
10	57	1596	82	70	5	42	6	38	
10	58	1597	82	70	7	8	7	19	
10	59	1598	82	70	7	39	8	34	
10	70	1599	82	70	9	59	10	26	
10	71	1603	82	70	19	29	19	35	
10	72	1604	82	70	20	32	21	16	
10	73	1605	82	70	22	27	23	23	
10	74	1606	83	70	0	24	1	22	
10	75	1607	83	70	2	19	3	9	
10	76	1607	83	70	4	7	5	5	
10	77	1608	83	70	5	34	5	45	
10	79	1609	83	70	6	15	7	22	
10	79	1610	83	70	8	22	9	1	
10	80	1611	83	70	10	19	11	11	
10	81	1612	83	70	13	33	13	52	
10	82	1613	83	70	14	32	15	53	
10	83	1617	83	70	22	32	23	46	
10	84	1619	84	70	0	44	1	42	
10	85	1619	84	70	2	40	3	30	
10	86	1619	84	70	4	17	5	25	
11	1	1621	84	70	6	40	7	15	
11	2	1621	84	70	7	53	8	7	
11	3	1623	84	70	10	40	11	28	
11	4	1624	84	70	12	56	13	39	
11	5	1625	84	70	15	14	15	35	
11	6	1626	84	70	17	15	17	45	
11	7	1627	84	70	19	*	20	23	
11	8	1628	84	70	21	11	22	13	
11	9	1629	84	70	23	11	0	8	
11	10	1630	85	70	1	5	1	50	
11	11	1630	85	70	2	35	3	51	
11	12	1632	85	70	5	1	5	49	

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GRS-1 AZJR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
11	13	1632	85	70	5	15		6	32
11	14	1633	85	70	7	12		7	47
11	15	1633	85	70	8	57		9	41
11	16	1635	85	70	11	14		11	52
11	17	1635	85	70	13	19		14	35
11	18	1637	85	70	15	31		16	35
11	19	1638	85	70	17	30		18	33
11	20	1639	85	70	19	30		20	35
11	21	1640	85	70	21	20		22	10
11	22	1640	85	70	22	23		22	36
11	23	1641	85	70	23	31		0	6
11	24	1642	86	70	1	25		2	23
11	25	1642	86	70	3	16		4	0
11	26	1643	86	70	5	13		6	1
11	27	1645	86	70	7	22		9	19
11	28	1645	86	70	9	20		9	55
11	29	1646	86	70	11	24		12	14
11	30	1648	86	70	14	34		14	55
11	31	1649	86	70	16	4		15	56
11	32	1650	86	70	17	58		18	59
11	33	1652	86	70	21	41		22	36
11	34	1652	86	70	22	45		23	4
11	35	1653	86	70	23	52		0	46
11	36	1654	87	70	1	48		2	39
11	37	1654	87	70	2	6		2	42
11	38	1654	87	70	3	34		4	51
11	39	1655	87	70	5	15		5	39
11	40	1656	87	70	7	0		7	13
11	41	1657	87	70	7	31		8	22
11	42	1658	87	70	11	47		12	40
11	43	1660	87	70	14	6		15	19
11	44	1661	87	70	16	19		17	2
11	45	1662	87	70	18	14		19	23
11	46	1663	87	70	20	22		20	46
11	47	1663	87	70	21	3		21	22
11	48	1664	87	70	22	22		23	11
11	49	1665	88	70	0	12		1	11
11	50	1666	88	70	2	7		3	2
11	51	1666	88	70	3	55		4	54
11	52	1667	88	70	5	2		7	11
11	53	1669	88	70	7	55		8	44
11	54	1669	88	70	10	2		10	53
11	55	1670	88	70	12	9		13	3
11	56	1671	88	70	13	15		13	38
11	57	1672	88	70	14	27		15	41
11	58	1673	88	70	16	42		17	24
11	59	1674	88	70	18	35		19	29
11	50	1675	88	70	20	30		21	12
11	51	1675	88	70	21	19		21	41
11	52	1676	88	70	22	35		23	39

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
11	53	1677	89	70	0	29		1	22
11	54	1578	89	70	2	34		3	20
11	55	1578	89	70	4	16		5	27
11	56	1581	89	70	9	41		9	7
11	57	1581	89	70	10	29		11	17
11	58	1583	89	70	12	55		13	27
11	59	1583	89	70	13	43		13	59
11	70	1584	89	70	15	3		15	43
11	71	1584	89	70	15	41		15	1
11	72	1585	89	70	17	1		17	45
11	73	1586	89	70	19	57		19	51
11	74	1587	89	70	21	1		21	43
11	75	1588	89	70	23	0		0	2
11	76	1589	90	70	0	54		1	44
11	77	1590	90	70	2	50		3	41
11	78	1590	90	70	3	45		4	3
11	79	1590	90	70	4	29		5	36
11	80	1591	90	70	5	5		6	19
11	81	1592	90	70	5	37		7	27
11	92	1596	90	70	15	20		15	23
11	93	1597	90	70	17	25		18	13
11	94	1598	90	70	19	24		20	22
11	95	1599	90	70	21	20		22	0
11	95	1599	90	70	22	17		22	31
11	97	1700	90	70	23	21		0	22
11	98	1701	91	70	1	12		2	3
11	99	1701	91	70	3	4		4	2
11	90	1703	91	70	4	52		5	57
11	91	1704	91	70	6	59		7	49
12	1	1704	91	70	9	5		9	54
12	2	1705	91	70	11	12		11	30
12	3	1705	91	70	11	41		12	5
12	4	1707	91	70	13	29		14	42
12	5	1708	91	70	15	48		15	28
12	6	1708	91	70	17	17		17	39
12	7	1709	91	70	17	40		18	47
12	8	1710	91	70	19	45		20	49
12	9	1711	91	70	21	43		22	45
12	10	1712	91	70	23	40		0	39
12	11	1713	92	70	1	34		2	43
12	12	1714	92	70	3	43		4	45
12	13	1714	92	70	5	20		5	19
12	14	1715	92	70	5	49		7	1
12	15	1715	92	70	7	19		8	15
12	16	1716	92	70	9	21		10	13
12	17	1718	92	70	12	4		12	12
12	18	1720	92	70	13	37		14	45
12	19	1719	92	70	14	47		15	7
12	20	1720	92	70	16	14		16	50
12	21	1721	92	70	18	9		19	10

RTT

GRS-1 AZJR MAGNETOMETER-EXPERIMENT F115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
12	22	1722	92	70	20	12		21	14
12	23	1723	92	70	22	6		23	4
12	24	1724	93	70	0	2		1	1
12	25	1725	93	70	1	59		2	51
12	26	1725	93	70	3	42		4	44
12	27	1726	93	70	5	43		5	39
12	28	1727	93	70	7	11		7	22
12	29	1727	93	70	7	43		9	36
12	30	1731	93	70	14	17		15	29
12	31	1732	93	70	15	22		17	12
12	32	1733	93	70	19	21		19	31
12	33	1734	93	70	20	24		21	13
12	34	1735	93	70	22	25		23	21
12	35	1736	94	70	0	22		1	20
12	36	1737	94	70	2	17		3	12
12	37	1737	94	70	4	5		5	21
12	38	1738	94	70	6	7		7	0
12	39	1740	94	70	8	20		8	58
12	40	1740	94	70	10	5		11	7
12	41	1742	94	70	12	19		13	17
12	42	1743	94	70	14	42		15	31
12	43	1743	94	70	15	35		15	45
12	44	1744	94	70	16	42		17	33
12	45	1745	94	70	18	45		19	53
12	46	1745	94	70	20	10		20	27
12	47	1746	94	70	20	54		21	52
12	48	1747	94	70	22	45		23	50
12	49	1749	95	70	2	38		3	38
12	50	1749	95	70	4	20		5	39
12	51	1751	95	70	6	34		7	19
12	52	1751	95	70	8	32		8	55
12	53	1755	95	70	15	5		15	11
12	54	1771	96	70	23	32		0	27
12	55	1772	97	70	1	25		2	16
12	56	1771	97	70	3	10		4	21
12	57	1772	97	70	5	8		5	10
12	58	1773	97	70	7	20		9	1
12	59	1775	97	70	11	27		12	1
12	60	1778	97	70	13	23		14	31
12	61	1779	97	70	14	35		14	53
12	62	1779	97	70	15	25		15	37

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT 5115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
12	52	1788	98	70	11	43		12	39
12	53	1790	98	70	14	57		15	15
12	54	1791	98	70	16	25		15	49
12	55	1792	98	70	19	12		19	25
12	56	1792	98	70	19	35		19	50
12	57	1793	98	70	20	10		20	44
12	58	1794	98	70	22	9		23	11
12	59	1795	99	70	0	13		0	58
12	70	1796	99	70	2	7		2	53
12	71	1795	99	70	3	51		5	15
12	72	1796	99	70	5	54		6	31
12	73	1797	99	70	7	47		8	45
12	74	1799	99	70	9	47		10	32
12	75	1801	99	70	14	9		14	41
12	76	1802	99	70	14	56		15	17
12	77	1802	99	70	15	19		15	36
12	78	1803	99	70	16	34		17	21
12	79	1804	99	70	18	34		19	46
12	90	1907	100	70	0	33		1	29
12	91	1912	100	70	10	34		11	16
12	92	1913	100	70	12	35		13	6
12	93	1914	100	70	14	55		15	38

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT FILE TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
13	1	1915	100	70	17	10		17	42
13	2	1916	100	70	18	56		20	8
13	3	1916	100	70	20	19		20	35
13	4	1917	100	70	20	47		21	59
13	5	1918	100	70	23	3		23	53
13	6	1919	101	70	0	53		1	43
13	7	1918	101	70	2	38		3	40
13	8	1920	101	70	4	29		5	39
13	9	1921	101	70	6	34		7	41
13	10	1925	101	70	13	59		14	16
13	11	1926	101	70	16	50		17	20
13	12	1927	101	70	17	31		18	9
13	13	1928	101	70	19	24		20	29
13	14	1929	101	70	21	19		22	13
13	15	1930	101	70	23	14		0	14
13	16	1931	102	70	1	15		2	4
13	17	1931	102	70	4	54		6	17
13	18	1932	102	70	7	5		7	49
13	19	1938	102	70	15	51		16	23
13	20	1938	102	70	17	12		17	40
13	21	1940	102	70	19	39		20	50
13	22	1940	102	70	21	2		21	19
13	23	1941	102	70	21	39		22	21
13	24	1942	102	70	23	40		0	35
13	25	1943	103	70	1	34		2	28
13	26	1942	103	70	3	18		4	41
13	27	1946	103	70	9	22		10	18
13	28	1947	103	70	11	27		12	22
13	29	1949	103	70	14	22		14	38
13	30	1949	103	70	14	46		14	56
13	31	1950	103	70	16	1		16	45
13	32	1950	103	70	18	27		18	53
13	33	1951	103	70	19	10		19	46
13	34	1952	103	70	20	6		21	5
13	35	1953	103	70	22	4		22	57
13	36	1954	104	70	23	55		0	47
13	37	1955	104	70	1	57		2	52
13	38	1955	104	70	3	12		4	29
13	39	1956	104	70	5	30		6	57
13	40	1959	104	70	9	33		10	39
13	41	1959	104	70	11	51		12	49
13	42	1961	104	70	13	55		15	0
13	43	1962	104	70	15	53		17	7
13	44	1963	104	70	18	24		19	26
13	45	1963	104	70	19	48		20	3
13	46	1964	104	70	20	21		21	10
13	47	1965	104	70	22	25		23	19
13	48	1967	105	70	2	14		3	7
13	49	1967	105	70	3	53		5	20
13	50	1970	105	70	9	59		11	3

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
13	51	1872	105	70	14	15		15	25
13	52	1873	105	70	16	14		16	47
13	53	1874	105	70	16	52		17	28
13	54	1875	105	70	18	42		19	54
13	55	1875	105	70	20	5		20	23
13	56	1876	105	70	20	47		21	29
13	57	1877	105	70	22	37		23	43
13	58	1878	105	70	0	43		1	35
13	59	1879	105	70	2	37		3	27
13	50	1880	106	70	5	19		5	43
13	61	1880	106	70	6	8		7	25
13	62	1881	106	70	8	19		9	17
13	63	1882	106	70	10	17		10	39
13	64	1884	106	70	12	53		13	34
13	65	1885	106	70	16	36		17	55
13	66	1887	106	70	19	6		20	21
13	67	1887	106	70	20	26		20	45
13	68	1888	106	70	21	22		22	6
13	69	1889	106	70	23	7		23	59
13	70	1890	107	70	1	3		1	55
13	71	1890	107	70	2	24		3	49
13	72	1892	107	70	5	40		6	4
13	73	1892	107	70	6	44		7	45
13	74	1893	107	70	8	36		9	3
13	75	1894	107	70	10	38		11	0
13	76	1895	107	70	11	11		11	48
13	77	1896	107	70	14	7		14	24
13	78	1897	107	70	15	35		16	9
13	79	1897	107	70	16	59		17	28
13	80	1898	107	70	17	35		18	18
13	81	1899	107	70	19	33		20	17
13	82	1900	107	70	21	39		22	7
13	83	1900	107	70	22	9		22	28
13	84	1901	107	70	23	26		0	20
13	85	1902	108	70	1	21		2	16
13	86	1902	108	70	2	52		4	9
13	87	1903	108	70	4	57		5	15
13	88	1903	108	70	5	15		6	3
13	89	1904	108	70	7	5		8	7
13	90	1905	108	70	8	48		10	4
13	91	1906	108	70	10	49		11	13
13	92	1908	108	70	13	58		14	19
13	93	1908	108	70	15	18		16	39
14	1	1909	108	70	17	20		17	49
14	2	1910	108	70	17	56		18	39
14	3	1914	109	70	1	43		2	36
14	4	1914	109	70	3	25		4	38
14	5	1915	109	70	5	18		6	30
14	5	1916	109	70	6	24		6	44
14	7	1916	109	70	7	39		8	29

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT FT15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
14	8	1917	109	70	9	20		10	25
14	9	1920	109	70	15	39		15	14
14	10	1922	109	70	18	9		19	14
14	11	1924	109	70	22	9		23	4
14	12	1925	110	70	0	4		0	55
14	13	1925	110	70	1	39		2	58
14	14	1926	110	70	3	44		4	59
14	15	1927	110	70	4	45		5	9
14	16	1927	110	70	5	47		6	50
14	17	1928	110	70	7	44		8	44
14	18	1929	110	70	9	39		10	6
14	19	1930	110	70	11	59		12	58
14	20	1931	110	70	14	4		14	4
14	21	1932	110	70	16	1		16	35
14	22	1934	110	70	18	26		19	33
14	23	1935	110	70	20	34		21	17
14	24	1937	111	70	0	30		1	23
14	25	1939	111	70	2	26		3	16
14	26	1938	111	70	3	51		5	20
14	27	1939	111	70	5	47		7	12
14	28	1940	111	70	7	54		9	9
14	29	1941	111	70	9	51		11	4
14	30	1943	111	70	14	27		15	32
14	31	1945	111	70	16	45		17	49
14	32	1946	111	70	19	9		19	42
14	33	1947	111	70	20	47		21	32
14	34	1949	112	70	0	51		1	39
14	35	1950	112	70	2	54		3	41
14	36	1950	112	70	4	16		5	41
14	37	1951	112	70	6	39		7	23
14	38	1952	112	70	8	39		9	26
14	39	1955	112	70	14	44		15	54
14	40	1956	112	70	16	44		17	18
14	41	1957	112	70	17	29		18	2
14	42	1957	112	70	18	34		18	51
14	43	1958	112	70	19	15		20	16
14	44	1958	112	70	20	33		20	54
14	45	1959	112	70	21	8		21	52
14	46	1959	112	70	21	57		22	13
14	47	1960	112	70	23	19		0	6
14	48	1961	113	70	1	10		2	2
14	49	1963	113	70	6	51		7	49
14	50	1965	113	70	10	42		11	56
14	51	1968	113	70	15	27		15	16
14	52	1969	113	70	17	30		18	23
14	53	1970	113	70	19	36		20	14
14	54	1970	113	70	20	55		21	17
14	55	1971	113	70	21	39		22	27
14	56	1973	114	70	1	31		2	23
14	57	1974	114	70	5	4		6	18

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
14	53	1975	114	70	6	11		6	30
14	59	1975	114	70	7	14		8	16
14	60	1976	114	70	9	4		9	4
14	61	1979	114	70	13	31		14	6
14	62	1980	114	70	15	25		16	1
14	53	1980	114	70	15	12		16	39
14	64	1981	114	70	17	27		17	47
14	55	1981	114	70	17	57		18	44
14	56	1982	114	70	19	59		20	42
14	57	1983	114	70	22	1		22	50
14	58	1984	114	70	23	59		0	49
14	59	1985	115	70	1	49		2	44
14	70	1985	115	70	3	24		4	47
14	71	1986	115	70	5	25		6	39
14	72	1988	115	70	9	25		9	25
14	73	1990	115	70	13	51		14	54
14	74	1993	115	70	13	19		19	6
14	75	1993	115	70	19	42		19	59
14	76	1994	115	70	20	33		21	3
14	77	1995	115	70	22	23		23	11
14	78	1997	116	70	2	11		2	56
14	79	1997	116	70	3	44		4	57
14	80	1998	116	70	4	54		5	15
14	81	1999	116	70	5	55		5	49
14	82	2000	116	70	9	47		10	57
14	83	2002	116	70	14	11		14	49
14	84	2003	116	70	16	8		17	25
14	85	2006	116	70	20	54		21	17
14	86	2008	117	70	0	39		1	28
14	87	2009	117	70	2	32		3	27
14	88	2009	117	70	4	6		5	19
14	89	2010	117	70	5	16		5	35
14	90	2010	117	70	6	3		7	10
14	91	2011	117	70	8	7		9	14
15	1	2013	117	70	12	29		13	27
15	2	2015	117	70	16	43		17	44
15	3	2017	117	70	19	10		19	47
15	4	2018	117	70	21	16		21	39
15	5	2019	117	70	23	1		23	52
15	6	2020	118	70	0	58		1	49
15	7	2020	118	70	2	38		3	49
15	8	2021	118	70	4	27		5	31
15	9	2022	118	70	6	38		7	36
15	10	2023	118	70	8	29		9	43
15	11	2024	118	70	10	28		11	43
15	12	2025	118	70	12	52		13	50
15	13	2026	118	70	14	51		15	12
15	14	2027	118	70	15	17		16	1
15	15	2028	118	70	17	1		18	8
15	16	2028	118	70	18	43		19	0

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
15	17	2029	118	70	19	30		20	2
15	18	2029	118	70	20	47		21	3
15	19	2030	118	70	21	27		22	11
15	20	2031	118	70	23	24		0	5
15	21	2031	119	70	0	57		1	17
15	22	2032	119	70	1	18		2	7
15	23	2034	119	70	6	56		8	8
15	24	2035	119	70	8	43		9	55
15	25	2036	119	70	10	49		11	14
15	26	2038	119	70	15	26		16	23
15	27	2039	119	70	17	12		18	29
15	28	2041	119	70	19	40		20	30
15	29	2041	119	70	21	1		21	23
15	30	2042	119	70	21	40		22	36
15	31	2043	119	70	23	35		0	34
15	32	2044	120	70	1	39		2	26
15	33	2045	120	70	3	20		4	39
15	34	2046	120	70	7	11		8	28
15	35	2048	120	70	11	33		12	27
15	36	2050	120	70	13	59		14	34
15	37	2051	120	70	15	45		15	45
15	38	2052	120	70	17	42		18	54
15	39	2053	120	70	20	20		20	48
15	40	2054	120	70	22	9		22	56
15	41	2056	121	70	1	58		2	45
15	42	2056	121	70	3	31		4	52
15	43	2057	121	70	5	31		6	43
15	44	2058	121	70	7	36		8	45
15	45	2059	121	70	9	30		10	19
15	46	2060	121	70	11	26		11	50
15	47	2060	121	70	11	52		12	49
15	48	2062	121	70	14	7		14	59
15	49	2063	121	70	15	55		16	30
15	50	2063	121	70	16	37		17	5
15	51	2064	121	70	17	57		18	25
15	52	2064	121	70	18	34		19	14
15	53	2064	121	70	19	42		20	7
15	54	2065	121	70	20	41		21	10
15	55	2065	121	70	21	43		22	3
15	56	2066	121	70	22	30		23	15
15	57	2067	122	70	0	20		1	14
15	58	2068	122	70	2	13		3	11
15	59	2068	122	70	3	51		5	4
15	60	2069	122	70	5	53		6	57
15	61	2070	122	70	7	52		8	7
15	62	2071	122	70	9	44		10	35
15	63	2072	122	70	11	46		12	10
15	64	2073	122	70	12	47		13	14
15	65	2074	122	70	14	59		15	21
15	66	2075	122	70	16	27		16	49

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT ET15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
15	57	2075	122	70	17	6		17	27
15	58	2076	122	70	19	3		19	32
15	59	2076	122	70	20	3		20	29
15	70	2077	122	70	21	2		21	24
15	71	2078	122	70	22	47		23	39
15	72	2079	123	70	2	14		3	31
15	73	2080	123	70	4	15		5	42
15	74	2081	123	70	5	16		7	21
15	75	2082	123	70	8	13		9	28
15	76	2083	123	70	10	12		10	44
15	77	2084	123	70	12	13		12	30
15	78	2084	123	70	12	36		13	36
15	79	2085	123	70	14	37		15	27
15	80	2086	123	70	15	30		15	45
15	81	2086	123	70	16	36		17	13
15	82	2087	123	70	17	18		17	53
15	83	2087	123	70	18	25		18	47
15	84	2088	123	70	19	17		19	54
15	85	2088	123	70	20	24		20	49
15	86	2089	123	70	21	14		21	45
15	87	2090	123	70	23	7		23	59
15	88	2091	124	70	1	3		1	51
15	89	2091	124	70	2	34		3	54
15	90	2093	124	70	6	36		7	53
15	91	2094	124	70	8	33		9	41
15	92	2095	124	70	10	33		11	5
15	93	2096	124	70	12	34		12	58
15	94	2099	124	70	15	50		16	7
15	95	2099	124	70	17	40		18	15
15	96	2099	124	70	18	46		19	10
15	97	2100	124	70	19	32		20	15
15	98	2100	124	70	20	46		21	13
15	1	2101	124	70	21	25		22	5
15	2	2102	124	70	23	24		0	19
15	3	2102	125	70	0	56		1	14
15	4	2103	125	70	1	25		2	13
15	5	2103	125	70	2	55		4	15
15	6	2104	125	70	4	51		5	59
15	7	2104	125	70	6	55		8	14
15	8	2106	125	70	8	53		10	5
15	9	2107	125	70	10	54		12	13
15	10	2108	125	70	12	55		13	11
15	11	2108	125	70	13	25		14	0
15	12	2110	125	70	15	18		15	57
15	13	2110	125	70	16	1		16	29
15	14	2111	125	70	17	19		17	53
15	15	2112	125	70	19	53		20	34
15	16	2112	125	70	21	7		21	31
15	17	2113	125	70	21	55		22	38
15	18	2114	125	70	23	49		0	39

SYSTEM BREAKDOWN
RESTART WITH
TAPE 16 (NEXT PAGE)

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT ET15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
15	1	2100	124	70	20	46		21	13
15	2	2101	124	70	21	25		22	5
15	3	2102	124	70	23	24		0	19
15	4	2102	125	70	0	55		1	14
15	5	2103	125	70	1	26		2	13
15	5	2103	125	70	2	55		4	15
15	7	2104	125	70	4	54		5	59
15	8	2105	125	70	5	55		9	14
15	9	2106	125	70	8	53		10	5
15	10	2107	125	70	10	54		12	13
15	11	2108	125	70	12	55		13	11
15	12	2108	125	70	13	25		14	0
15	13	2110	125	70	15	18		15	57
15	14	2110	125	70	16	1		16	29
15	15	2111	125	70	17	19		17	53
15	16	2112	125	70	19	53		20	34
15	17	2112	125	70	21	7		21	31
15	18	2113	125	70	21	55		22	39
15	19	2114	125	70	23	49		0	39
15	20	2115	126	70	1	45		2	34
15	21	2116	126	70	5	15		6	35
15	22	2117	126	70	7	9		9	32
15	23	2118	126	70	9	13		10	1
15	24	2119	126	70	11	17		12	7
15	25	2121	126	70	14	21		14	40
15	26	2122	126	70	15	12		15	50
15	27	2122	126	70	17	41		18	14
15	28	2123	126	70	18	21		19	57
15	29	2123	126	70	19	27		19	52
15	30	2124	126	70	20	17		20	53
15	31	2124	126	70	21	28		21	42
15	32	2125	126	70	22	14		22	59
15	33	2126	127	70	0	8		0	53
15	34	2127	127	70	2	5		2	56
15	35	2128	127	70	5	43		5	56
15	36	2129	127	70	7	34		8	41
15	37	2130	127	70	9	36		9	36
15	38	2131	127	70	11	29		12	43
15	39	2132	127	70	14	3		15	1
15	40	2133	127	70	15	59		17	11
15	41	2134	127	70	17	51		18	12
15	42	2135	127	70	18	33		19	18
15	43	2135	127	70	19	49		20	6
15	44	2136	127	70	20	39		21	8
15	45	2136	127	70	21	49		22	10
15	46	2137	127	70	22	29		23	22
15	47	2138	128	70	0	24		1	14
15	48	2138	128	70	1	57		3	17
15	49	2139	128	70	3	58		5	18
15	50	2140	128	70	5	51		7	17

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT FI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
16	51	2141	129	70	7	50		9	15
16	52	2142	129	70	9	55		11	5
16	53	2143	129	70	11	55		13	20
16	54	2145	129	70	15	5		15	25
16	55	2145	129	70	15	20		16	59
16	56	2146	129	70	17	4		17	32
16	57	2146	129	70	18	10		18	33
16	59	2147	129	70	18	54		19	39
16	59	2147	129	70	20	9		20	37
16	50	2149	129	70	23	0		23	32
16	61	2150	129	70	0	53		1	34
16	62	2150	129	70	2	19		3	39
16	53	2151	129	70	4	17		5	39
16	54	2152	129	70	6	30		7	38
16	55	2153	129	70	8	17		9	34
16	56	2154	129	70	10	17		11	26
16	57	2155	129	70	12	21		13	41
16	59	2157	129	70	14	43		15	20
16	59	2157	129	70	15	21		15	49
16	70	2158	129	70	16	42		17	57
16	71	2158	129	70	18	30		18	55
16	72	2159	129	70	19	24		19	59
16	73	2159	129	70	20	23		20	57
16	74	2160	129	70	21	21		21	50
16	75	2161	129	70	23	22		0	2
16	76	2162	130	70	1	10		1	49
16	77	2162	130	70	2	29		3	45
16	78	2163	130	70	4	39		5	59
16	79	2164	130	70	6	41		7	59
16	80	2165	130	70	8	38		9	55
16	91	2166	130	70	10	51		11	29
16	82	2167	130	70	12	39		13	5
16	93	2169	130	70	13	34		14	3
16	34	2169	130	70	15	3		15	11
16	95	2169	130	70	17	3		17	39
16	96	2170	130	70	17	45		18	22
16	97	2170	130	70	19	50		19	15
16	98	2171	130	70	19	35		20	19
16	99	2171	130	70	20	50		21	19
16	90	2172	130	70	21	35		22	10
16	91	2173	130	70	23	34		0	22
16	92	2174	131	70	1	31		2	17
16	93	2174	131	70	2	59		4	20
17	1	2175	131	70	4	59		6	20
17	2	2176	131	70	7	8		8	19
17	3	2177	131	70	8	59		9	47
17	4	2179	131	70	10	59		11	47
17	5	2179	131	70	11	52		12	20
17	6	2180	131	70	14	1		14	24
17	7	2180	131	70	15	23		15	2

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT FI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
17	8	2181	131	70	16	8	16	33	
17	9	2181	131	70	17	25	18	28	
17	10	2182	131	70	18	15	18	40	
17	11	2182	131	70	19	11	19	38	
17	12	2183	131	70	19	59	20	38	
17	13	2184	131	70	22	3	22	32	
17	14	2185	131	70	23	59	0	36	
17	15	2185	132	70	1	21	1	45	
17	16	2186	132	70	1	52	2	39	
17	17	2186	132	70	3	17	4	41	
17	18	2187	132	70	6	28	6	49	
17	19	2188	132	70	7	25	8	39	
17	20	2189	132	70	9	19	10	37	
17	21	2191	132	70	11	46	12	29	
17	22	2192	132	70	14	13	14	45	
17	23	2193	132	70	16	30	16	56	
17	24	2193	132	70	17	35	17	55	
17	25	2194	132	70	18	28	19	1	
17	26	2194	132	70	19	32	20	2	
17	27	2195	132	70	20	26	20	53	
17	28	2195	132	70	21	32	21	57	
17	29	2196	132	70	22	25	23	4	
17	30	2197	133	70	0	19	0	58	
17	31	2197	133	70	1	44	2	12	
17	32	2198	133	70	2	13	3	0	
17	33	2198	133	70	3	41	5	2	
17	34	2199	133	70	5	50	7	1	
17	35	2200	133	70	7	40	8	59	
17	36	2201	133	70	9	40	10	31	
17	37	2202	133	70	11	40	12	26	
17	38	2204	133	70	14	51	15	6	
17	39	2205	133	70	15	50	17	16	
17	40	2205	133	70	17	59	18	18	
17	41	2206	133	70	18	51	19	22	
17	42	2206	133	70	19	52	20	22	
17	43	2207	133	70	20	42	21	14	
17	44	2208	133	70	22	41	23	24	
17	45	2209	134	70	0	34	1	19	
17	46	2209	134	70	2	4	3	13	
17	47	2210	134	70	4	1	5	22	
17	48	2212	134	70	7	53	9	18	
17	49	2213	134	70	10	1	11	18	
17	50	2214	134	70	12	1	12	33	
17	51	2215	134	70	12	52	13	21	
17	52	2216	134	70	14	34	15	32	
17	53	2217	134	70	15	44	17	38	
17	54	2217	134	70	18	14	18	41	
17	55	2218	134	70	19	10	19	56	
17	56	2218	134	70	20	13	20	32	
17	57	2219	134	70	21	18	21	34	

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT FT15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
17	58	2221	134	70	1	0		1	39
17	59	2221	135	70	2	29		2	48
17	60	2222	135	70	2	50		3	42
17	61	2222	135	70	4	22		5	34
17	62	2223	135	70	6	32		7	29
17	63	2224	135	70	7	18		7	43
17	64	2224	135	70	9	22		9	1
17	65	2225	135	70	10	24		10	58
17	66	2226	135	70	11	9		11	35
17	67	2226	135	70	12	22		13	6
17	68	2227	135	70	14	48		15	22
17	69	2228	135	70	15	33		15	55
17	70	2228	135	70	16	47		18	2
17	71	2229	135	70	18	35		18	49
17	72	2230	135	70	19	25		20	2
17	73	2230	135	70	20	34		21	6
17	74	2231	135	70	21	24		21	54
17	75	2232	135	70	23	22		0	5
17	76	2233	136	70	1	19		2	0
17	77	2233	136	70	2	44		4	1
17	78	2234	136	70	4	43		6	5
17	79	2235	136	70	6	48		8	2
17	80	2236	136	70	8	42		9	59
17	81	2237	136	70	10	42		11	55
17	82	2238	136	70	12	42		13	12
17	83	2240	136	70	15	10		15	48
17	84	2240	136	70	15	53		16	16
17	85	2241	136	70	17	9		18	23
17	86	2241	136	70	18	55		19	24
17	87	2242	136	70	19	45		20	22
17	88	2242	136	70	20	55		21	24
17	89	2243	136	70	21	49		22	15
17	90	2244	136	70	23	45		0	20
17	91	2244	137	70	1	10		2	20
17	92	2245	137	70	3	4		4	24
17	93	2246	137	70	5	4		6	24
17	94	2247	137	70	7	10		8	17
17	95	2248	137	70	9	3		10	19
17	96	2249	137	70	11	3		11	54
17	97	2250	137	70	13	3		13	29
17	98	2251	137	70	14	7		14	28
17	99	2252	137	70	16	16		16	38
17	100	2252	137	70	17	30		18	44

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT FILE TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
18	1	2250	137	70	13	3		13	29
18	2	2251	137	70	14	7		14	29
18	3	2252	137	70	16	16		16	38
18	4	2252	137	70	17	30		18	44
18	5	2254	137	70	20	10		20	36
18	6	2254	137	70	21	16		21	45
18	7	2255	137	70	22	8		22	35
18	8	2256	138	70	0	5		0	41
18	9	2257	138	70	1	59		2	49
18	10	2257	138	70	3	25		4	38
18	11	2258	138	70	5	25		6	44
18	12	2259	138	70	7	25		8	44
18	13	2260	138	70	9	23		10	16
18	14	2261	138	70	11	23		11	50
18	15	2261	138	70	11	54		12	23
18	16	2262	138	70	13	55		14	50
18	17	2263	138	70	15	51		16	29
18	18	2264	138	70	16	37		16	59
18	19	2264	138	70	17	39		18	2
18	20	2265	138	70	18	20		19	6
18	21	2265	138	70	19	36		19	56
18	22	2266	138	70	20	33		20	57
18	23	2267	138	70	22	30		22	58
18	24	2268	139	70	0	27		1	2
18	25	2268	139	70	1	43		2	56
18	26	2269	139	70	3	46		5	6
18	27	2270	139	70	6	56		7	5
18	28	2272	139	70	9	44		10	37
18	29	2273	139	70	10	39		11	0
18	30	2273	139	70	11	35		12	10
18	31	2275	139	70	14	57		15	11
18	32	2275	139	70	15	15		17	20
18	33	2276	139	70	17	58		18	25
18	34	2277	139	70	18	56		19	26
18	35	2277	139	70	19	57		20	28
18	36	2278	139	70	20	53		21	14
18	37	2279	139	70	21	57		22	25
18	38	2280	140	70	0	45		1	23
18	39	2280	140	70	2	8		3	25
18	40	2281	140	70	4	18		5	18
18	41	2282	140	70	6	2		7	13
18	42	2283	140	70	8	5		9	2
18	43	2284	140	70	10	5		10	6
18	44	2285	140	70	11	58		12	31
18	45	2285	140	70	12	37		13	14
18	46	2286	140	70	14	35		15	11
18	47	2288	140	70	17	9		17	41
18	48	2288	140	70	18	18		18	49
18	49	2289	140	70	19	16		19	46
18	50	2289	140	70	20	17		20	49

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
18	51	2290	140	70	21	14		21	38
18	52	2290	140	70	22	18		22	42
18	53	2291	140	70	23	6		23	41
18	54	2291	141	70	0	30		1	3
18	55	2292	141	70	1	6		1	43
18	56	2292	141	70	2	24		3	41
18	57	2293	141	70	4	26		5	39
18	58	2294	141	70	6	24		7	33
18	59	2295	141	70	8	25		9	32
18	60	2296	141	70	10	25		11	4
18	61	2297	141	70	11	10		11	45
18	62	2297	141	70	12	19		12	54
18	63	2298	141	70	13	26		13	39
18	64	2299	141	70	15	39		15	59
18	65	2300	141	70	17	39		17	54
18	66	2300	141	70	19	38		19	8
18	67	2301	141	70	20	39		21	11
18	68	2302	141	70	21	40		21	59
18	69	2302	141	70	22	39		22	59
18	70	2303	141	70	23	41		0	2
18	71	2304	142	70	1	26		2	3
18	72	2304	142	70	2	44		4	1
18	73	2305	142	70	4	47		6	0
18	74	2306	142	70	6	50		8	1
18	75	2307	142	70	8	47		9	51
18	76	2308	142	70	10	42		11	49
18	77	2309	142	70	11	50		12	7
18	78	2309	142	70	12	40		13	17
18	79	2310	142	70	13	49		14	10
18	80	2310	142	70	15	14		15	53
18	81	2312	142	70	17	54		18	27
18	82	2313	142	70	19	51		20	25
18	83	2315	143	70	0	2		0	23
18	84	2315	143	70	1	3		2	19
18	85	2316	143	70	3	8		4	29
18	86	2317	143	70	4	52		6	14
18	87	2318	143	70	6	3		6	27
18	88	2319	143	70	7	14		8	22
18	89	2319	143	70	9	6		10	0
18	90	2320	143	70	11	4		11	45
18	91	2321	143	70	13	0		13	36
18	92	2322	143	70	14	2		14	31
18	93	2322	143	70	15	34		15	42
18	94	2324	143	70	18	20		18	47
18	95	2325	143	70	20	12		20	39
18	96	2326	143	70	22	26		22	39
18	97	2327	144	70	0	13		0	44
18	98	2328	144	70	2	3		2	44
18	99	2328	144	70	3	24		4	41
18	100	2329	144	70	5	28		5	35

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT FT15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
18	101	2330	144	70	7	28		8	43
18	102	2331	144	70	9	25		10	21
18	103	2332	144	70	11	29		12	37
18	104	2333	144	70	14	0		14	53
18	105	2334	144	70	15	55		16	34
19	1	2335	144	70	16	50		17	1
19	2	2336	144	70	18	45		19	8
19	3	2337	144	70	20	24		21	0
19	4	2337	144	70	21	40		21	55
19	5	2338	144	70	22	23		23	1
19	6	2339	145	70	0	32		0	32
19	7	2339	145	70	1	51		3	4
19	8	2341	145	70	3	49		5	1
19	9	2342	145	70	5	49		6	59
19	10	2342	145	70	7	47		9	3
19	11	2343	145	70	9	45		10	42
19	12	2344	145	70	11	47		12	24
19	13	2344	145	70	11	47		12	24
19	14	2345	145	70	14	19		15	13
19	15	2347	145	70	16	54		17	22
19	16	2348	145	70	19	1		19	28
19	17	2348	145	70	20	0		20	34
19	18	2349	145	70	20	59		21	20
19	19	2349	145	70	22	10		22	28
19	20	2350	145	70	22	57		23	22
19	21	2351	146	70	0	51		1	25
19	22	2351	146	70	2	11		3	23
19	23	2352	146	70	4	9		5	21
19	24	2353	146	70	6	15		7	19
19	25	2354	146	70	8	8		9	18
19	26	2355	146	70	10	7		11	28
19	27	2356	146	70	12	10		12	35
19	28	2356	146	70	12	37		13	11
19	29	2357	146	70	14	40		15	15
19	30	2358	146	70	15	23		15	34
19	31	2358	146	70	16	37		17	13
19	32	2359	146	70	17	15		17	42
19	33	2359	146	70	18	21		18	51
19	34	2360	146	70	19	21		19	48
19	35	2361	146	70	22	25		22	46
19	36	2362	146	70	23	7		23	43
19	37	2362	147	70	0	35		0	59
19	38	2363	147	70	1	7		1	37
19	39	2363	147	70	2	31		2	31
19	40	2364	147	70	4	37		5	49
19	41	2365	147	70	6	31		7	40
19	42	2366	147	70	8	28		9	34
19	43	2367	147	70	10	28		11	7
19	44	2368	147	70	11	28		11	43
19	45	2368	147	70	12	28		12	55

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT FI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	H ₀	MIN TO	H ₀	MIN
19	46	2369	147	70	13	6	13	37
19	47	2369	147	70	14	57	15	35
19	48	2370	147	70	15	44	15	55
19	49	2370	147	70	16	57	17	34
19	50	2371	147	70	17	35	18	3
19	51	2371	147	70	18	42	19	13
19	52	2372	147	70	19	42	20	8
19	53	2372	147	70	20	41	21	15
19	54	2373	147	70	21	45	22	1
19	55	2373	147	70	22	42	23	4
19	56	2374	147	70	23	29	0	9
19	57	2374	148	70	1	9	1	55
19	58	2375	148	70	2	57	4	4
19	59	2376	148	70	4	44	6	2
19	60	2377	148	70	6	58	8	0
19	61	2378	148	70	9	56	9	43
19	62	2379	148	70	10	55	11	54
19	63	2381	148	70	13	19	13	57
19	64	2381	148	70	15	19	15	4
19	65	2382	148	70	16	5	16	21
19	66	2382	148	70	17	19	17	53
19	67	2383	148	70	18	3	18	29
19	68	2383	148	70	18	35	18	55
19	69	2383	148	70	19	1	19	35
19	70	2384	148	70	19	44	20	20
19	71	2384	148	70	20	34	20	54
19	72	2385	148	70	22	0	22	21
19	73	2386	148	70	23	50	0	25
19	74	2387	149	70	1	49	2	25
19	75	2387	149	70	3	11	4	16
19	76	2388	149	70	5	11	6	21
19	77	2389	149	70	7	20	8	24
19	78	2390	149	70	9	9	10	4
19	79	2392	149	70	13	9	13	40
19	80	2393	149	70	14	11	14	34
19	81	2393	149	70	15	39	15	16
19	82	2394	149	70	16	25	16	43
19	83	2394	149	70	17	25	17	52
19	84	2395	149	70	19	29	19	57
19	85	2396	149	70	20	11	20	42
19	86	2397	149	70	22	20	22	42
19	87	2398	150	70	0	17	0	37
19	88	2398	150	70	1	38	2	47
19	89	2399	150	70	3	32	4	28
19	90	2400	150	70	5	49	6	34
19	91	2401	150	70	6	9	6	41
19	92	2401	150	70	7	34	8	45
19	93	2402	150	70	9	25	10	25
19	94	2403	150	70	11	23	12	9
19	95	2404	150	70	13	29	13	57

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
19	86	2405	150	70	14	26		14	55
19	97	2405	150	70	15	53		16	34
19	98	2406	150	70	16	46		17	4
19	99	2406	150	70	17	44		18	13
19	100	2407	150	70	18	45		19	10
19	101	2407	150	70	19	42		20	17
19	102	2408	150	70	20	38		21	2
19	103	2408	150	70	21	42		22	13
19	104	2409	150	70	22	41		23	2
19	105	2410	151	70	0	37		1	8
19	106	2411	151	70	2	28		3	6
19	107	2411	151	70	3	52		5	4
19	108	2412	151	70	5	42		7	2
19	109	2413	151	70	7	51		9	6
19	110	2415	151	70	11	43		12	20
19	111	2415	151	70	12	23		12	52
19	112	2417	151	70	15	0		15	16
19	113	2417	151	70	15	19		16	47
19	114	2418	151	70	17	6		17	23
20	1	2418	151	70	18	4		18	36
20	2	2419	151	70	19	12		19	30
20	3	2419	151	70	20	2		20	28
20	4	2420	151	70	20	58		21	23
20	5	2420	151	70	22	3		22	32
20	6	2421	151	70	23	1		23	21
20	7	2421	152	70	0	21		0	50
20	8	2422	152	70	0	55		1	18
20	9	2422	152	70	2	13		3	30
20	10	2423	152	70	4	9		5	30
20	11	2424	152	70	6	13		7	22
20	12	2425	152	70	8	7		9	26
20	13	2426	152	70	10	3		11	1
20	14	2427	152	70	12	12		12	40
20	15	2427	152	70	12	40		13	11
20	16	2428	152	70	14	43		15	18
20	17	2429	152	70	16	41		17	18
20	18	2430	152	70	17	27		17	45
20	19	2430	152	70	18	24		18	57
20	20	2431	152	70	19	26		19	50
20	21	2431	152	70	20	23		20	59
20	22	2432	152	70	21	18		21	43
20	23	2433	152	70	23	17		23	46
20	24	2434	153	70	1	15		1	48
20	25	2434	153	70	2	34		3	46
20	26	2436	153	70	4	32		5	44
20	27	2436	153	70	5	34		5	51
20	28	2437	153	70	6	34		7	42
20	29	2437	153	70	8	38		9	47
20	30	2438	153	70	10	34		11	5
20	31	2439	153	70	11	32		11	45

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT EI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
20	32	2439	153	70	12	30		12	59
20	33	2441	153	70	15	38		15	58
20	34	2441	153	70	17	1		17	36
20	35	2442	153	70	17	33		19	5
20	36	2442	153	70	18	46		19	18
20	37	2443	153	70	19	47		20	9
20	38	2443	153	70	20	43		21	19
20	39	2444	153	70	21	32		22	3
20	40	2445	153	70	23	34		0	2
20	41	2445	154	70	0	56		1	32
20	42	2446	154	70	1	33		2	9
20	43	2446	154	70	2	53		4	5
20	44	2447	154	70	4	46		5	3
20	45	2448	154	70	7	1		8	3
20	46	2449	154	70	9	10		9	46
20	47	2450	154	70	10	44		11	21
20	48	2450	154	70	11	23		11	57
20	49	2451	154	70	12	51		13	26
20	50	2453	154	70	15	59		15	17
20	51	2453	154	70	17	22		17	55
20	52	2454	154	70	18	1		18	31
20	53	2455	154	70	21	4		21	37
20	54	2456	154	70	22	0		22	22
20	55	2457	155	70	23	59		0	17
20	56	2457	155	70	0	3		0	27
20	57	2457	155	70	1	18		1	48
20	58	2458	155	70	1	53		2	19
20	59	2458	155	70	3	14		4	24
20	50	2459	155	70	5	13		6	24
20	51	2460	155	70	7	21		8	22
20	52	2461	155	70	9	6		10	16
20	53	2462	155	70	11	5		12	11
20	54	2463	155	70	13	14		13	38
20	65	2463	155	70	13	48		14	17
20	56	2464	155	70	15	42		15	18
20	67	2465	155	70	16	21		16	44
20	68	2465	155	70	17	27		17	55
20	69	2466	155	70	18	27		18	51
20	70	2466	155	70	19	24		20	0
20	71	2467	155	70	20	27		20	42
20	72	2467	155	70	21	24		21	57
20	73	2468	155	70	22	23		22	42
20	74	2469	156	70	0	20		0	48
20	75	2469	156	70	1	35		2	47
20	76633690052881424	0				0773436		6	
20	77	2471	156	70	5	19		5	45
20	78	2472	156	70	7	40		8	42
20	79	2473	156	70	9	29		10	34
20	80	2474	156	70	11	30		12	41
20	81	2475	156	70	13	30		13	57

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
20	82	2475	156	70	14	5		14	38
20	83	2476	156	70	16	2		16	38
20	84	2477	156	70	16	55		17	5
20	85	2477	156	70	17	46		18	18
20	86	2478	156	70	18	41		19	11
20	87	2479	156	70	21	44		22	17
20	88	2480	156	70	22	48		23	2
20	89	2481	157	70	0	33		1	2
20	90	2481	157	70	1	55		3	0
20	91	2482	157	70	3	44		5	12
20	92	2483	157	70	5	54		7	2
20	93	2484	157	70	6	57		7	12
20	94	2484	157	70	8	3		9	58
20	95	2485	157	70	9	47		10	51
20	96	2486	157	70	11	47		12	24
20	97	2486	157	70	12	27		12	55
20	98	2487	157	70	13	46		14	16
20	99	2487	157	70	14	26		15	1
20	100	2488	157	70	16	46		17	9
20	101	2489	157	70	17	15		17	27
20	102	2489	157	70	13	6		18	39
20	103	2490	157	70	19	14		19	14
20	104	2490	157	70	20	4		20	42
20	105	2491	157	70	21	13		21	23
20	106	2492	157	70	23	12		23	22
20	107	2492	158	70	0	20		0	53
20	108	2493	158	70	0	59		1	20
20	109	2493	158	70	2	16		3	19
20	110	2494	158	70	4	14		5	23
20	111	2495	158	70	6	15		7	26
20	112	2496	158	70	8	12		9	23
20	113	2498	158	70	12	10		12	43
20	114	2498	158	70	12	49		13	21
21		16528003509044	16733			43711439		13	
21	2	2503	158	70	21	33		21	43
21	3	2503	158	70	22	27		22	54
21	4	2505	159	70	1	17		1	40
21	5	2505	159	70	2	30		3	39
21	6	2506	159	70	4	34		5	43
21	7	2507	159	70	6	41		7	46
21	8	2508	159	70	8	29		9	43
21	9	2509	159	70	10	26		11	37
21	10	2510	159	70	12	24		13	20
21	11	2511	159	70	15	6		15	39
21	12	2513	159	70	17	56		18	6
21	13	2513	159	70	18	57		19	21
21	14	2514	159	70	19	43		20	3
21	15	2514	159	70	20	45		21	21
21	16	2515	159	70	21	53		22	3
21	17	2515	159	70	22	46		23	11

RTT

GRS-1 A7UR MAGNETOMETER-EXPERIMENT EI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
21	18	2516	160	70	0	58		1	35
21	19	2517	160	70	1	41		2	0
21	20	2517	160	70	3	6		4	0
21	21	2518	160	70	4	40		6	5
21	22457007185031950713							15410713	15

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT EI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
22	1	2519	160	70	5	55		8	3
22	2	2520	160	70	8	43		9	48
22	3	2521	160	70	10	55		12	1
22	4	2522	160	70	12	48		13	21
22	5	2523	160	70	15	24		15	59
22	6	2524	160	70	17	9		17	35
22	7	2525	160	70	18	5		18	31
22	8	2525	160	70	19	6		19	42
22	9	2527	160	70	23	6		23	28
22	10	2528	161	70	0	2		0	22
22	11	2528	161	70	1	18		2	15
22	12	2529	161	70	3	4		4	20
22	13	2530	161	70	5	4		6	26
22	14	2531	161	70	7	23		8	19
22	15	2532	161	70	9	7		10	9
22	16	2533	161	70	11	6		12	13
22	17	2534	161	70	13	14		13	47
22	18	2536	161	70	17	24		17	59
22	19	2537	161	70	18	14		18	50
22	20	2538	161	70	20	57		21	16

RTT

GRS-1 AZUR MAGNETONETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
23	1	2540	162	70	1	37		2	40
23	2	2541	162	70	3	31		4	52
23	3	2542	162	70	5	30		6	40
23	4	2543	162	70	6	38		6	51
23	5	2544	162	70	9	45		10	49
23	6	2545	162	70	11	44		12	49
23	7	2546	162	70	13	39		14	6
23	8	2547	162	70	14	25		14	49
23	9	2547	162	70	15	29		15	51
23	10	2549	162	70	16	11		16	49
23	11	2548	162	70	17	43		18	20
23	12	2549	162	70	18	45		19	12
23	13	2549	162	70	19	15		19	43
23	14	2549	162	70	19	45		20	23
23	15	2550	162	70	21	45		22	19
23	16	2552	163	70	1	59		2	33
23	17	2553	163	70	2	34		3	6
23	18	2553	163	70	3	55		5	0
23	19	2554	163	70	5	42		7	2
23	20	2555	163	70	7	55		9	2

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT FI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
24	1	2557	163	70	11	46		11	46
24	2	2558	163	70	13	59		14	23
24	3	2560	163	70	16	7		18	41
24	4	2561	163	70	18	58		19	23
24	5	2561	163	70	20	6		20	44
24	6	2562	163	70	21	42		21	53
24	7	2564	164	70	0	54		1	23
24	8	2564	164	70	2	17		3	20
24	9	2565	164	70	4	16		5	20
24	10	2566	164	70	6	19		7	20
24	11	2568	164	70	10	13		11	4
24	12	2569	164	70	12	11		13	4
24	13	2570	164	70	14	47		15	19
24	14	2571	164	70	16	47		17	19
24	15	2572	164	70	17	35		17	46
24	16	2573	164	70	19	25		19	42
24	17	2573	164	70	20	26		21	4
24	18	2574	164	70	22	31		22	57
24	19	2575	165	70	0	46		1	16
24	20	2576	165	70	1	20		1	40
24	21	2577	165	70	4	36		5	45
24	22	2578	165	70	6	37		7	31
24	23	2579	165	70	9	37		9	28
24	24	2580	165	70	10	38		11	37
24	25	2582	165	70	15	6		15	40
24	26	2584	165	70	17	41		18	6
24	27	2584	165	70	18	47		19	23
24	28	2586	165	70	22	45		23	14
24	29	2587	166	70	1	0		1	37
24	30	2588	166	70	1	39		2	0
24	31	2588	166	70	2	45		4	0
24	32	2589	166	70	4	56		6	5
24	33	2590	166	70	6	58		8	2
24	34	2591	166	70	9	0		10	3
24	35	2593	166	70	12	41		13	30
24	36	2594	166	70	14	33		14	48
24	37	2596	166	70	19	7		19	44
24	38	2599	167	70	0	4		0	23
24	39	2599	167	70	1	22		1	52
24	40	2500	167	70	1	58		2	16
24	41	2601	167	70	5	15		6	25
24	42	2602	167	70	6	49		7	5
24	43	2602	167	70	7	24		8	10
24	44	2503	167	70	9	13		10	7
24	45	2504	167	70	11	9		11	47
24	46	2504	167	70	11	49		12	17
24	47	2505	167	70	13	10		13	42
24	48	2506	167	70	14	53		15	9
24	49	2508	167	70	18	26		18	51
24	50	2508	167	70	19	27		20	4

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT ET15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
24	51	2609	167	70	21	2		21	12
24	52	2611	168	70	1	39		2	4
24	53	2612	168	70	2	17		2	40
24	54	2612	168	70	3	37		4	44
24	55	2613	168	70	5	36		6	40
24	56	2614	168	70	7	9		7	22
24	57	2614	168	70	7	44		8	29
24	58	2615	169	70	9	34		10	27
24	59	2616	168	70	11	33		12	6
24	60	2616	168	70	12	8		12	37
24	61	2617	168	70	13	32		14	7
24	62	2619	169	70	16	14		17	5
24	63	2619	168	70	17	49		18	22
24	64	2620	168	70	19	47		20	26
24	65	2623	169	70	1	58		3	0
24	66	2624	169	70	3	57		5	4
24	67	2626	169	70	5	57		7	5
24	68	2626	169	70	8	5		8	55
24	69	2627	169	70	9	49		11	3
24	70	2628	169	70	11	46		12	23
24	71	2628	169	70	12	27		12	51
24	72	2629	169	70	14	5		14	24
24	73	2630	169	70	16	32		15	49
24	74	2631	169	70	18	8		18	43
24	75	2632	169	70	19	37		20	6
24	76	2633	169	70	21	39		21	58
24	77	2634	170	70	0	23		0	55
24	78	2635	170	70	1	3		1	20
24	79	2636	170	70	2	39		3	20
24	80	2636	170	70	4	18		5	20
24	81	2637	170	70	6	17		7	19
24	82	2638	170	70	8	36		9	9
24	83	2639	170	70	10	10		11	4
24	84	2640	170	70	12	10		12	44
24	85	2641	170	70	13	50		14	6
24	86	2643	170	70	17	31		17	49
24	87	2644	170	70	20	2		20	26
24	88	2644	170	70	20	27		21	6
24	89	2645	170	70	21	29		21	43
24	90	2645	170	70	22	28		22	58
24	91	2647	171	70	1	22		1	40
24	92	2647	171	70	2	38		3	42
24	93	2648	171	70	4	37		5	40
24	94	2649	171	70	6	8		6	27
24	95	2649	171	70	7	5		7	32
24	96	2650	171	70	8	27		9	29
24	97	2651	171	70	10	25		11	6
24	98	2651	171	70	11	10		11	39
24	99	2652	171	70	12	23		13	14
24	100	2653	171	70	14	13		14	30

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GRS-1 AZUR MAGNETOMETER-EXPERIMENT EY15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
24	101	2655	171	70	18	48		19	24
24	102	2656	171	70	19	51		20	1
24	103	2656	171	70	20	22		20	39
24	104	2657	171	70	22	21		22	38
24	105	2658	171	70	23	46		0	0
24	106	2658	172	70	1	1		1	35
24	107	2659	172	70	2	54		2	54
24	108	2650	172	70	4	57		6	4
24	109	2661	172	70	6	57		7	58
24	110	2662	172	70	8	48		9	48
24	111	2663	172	70	10	46		11	25
24	112	2663	172	70	11	25		11	57
24	113	2664	172	70	12	48		13	32
24	114	2665	172	70	14	32		14	50
24	115	2667	172	70	18	7		18	24
24	116	2668	172	70	20	43		20	59
24	117	2669	172	70	22	8		22	21
24	118	2669	172	70	22	39		22	58
24	119	2670	173	70	0	5		0	21
24	120	2670	173	70	1	20		1	56
25	1	2671	173	70	1	59		2	19
25	2	2671	173	70	3	25		4	23
25	3	2672	173	70	5	17		6	19
25	4	2673	173	70	6	48		7	7
25	5	2673	173	70	7	40		8	18
25	6	2674	173	70	9	12		10	7
25	7	2675	173	70	11	51		12	18
25	8	2676	173	70	13	9		13	42
25	9	2676	173	70	13	20		13	50
25	10	2677	173	70	14	52		15	11
25	11	2678	173	70	17	31		18	1
25	12	2679	173	70	18	31		18	51
25	13	2680	173	70	20	59		21	20
25	14	2682	174	70	1	43		2	14
25	15	2683	174	70	3	41		4	40
25	16	2684	174	70	5	37		6	38
25	17	2686	174	70	9	27		10	6
25	18	2687	174	70	11	32		12	22
25	19	2688	174	70	13	40		14	8
25	20	2689	174	70	15	11		15	31
25	21	2690	174	70	17	55		18	22
25	22	2691	174	70	19	0		19	11
25	23	2691	174	70	19	48		20	25
25	24	2692	174	70	21	19		21	39
25	25	2694	175	70	1	59		1	59
25	26	2695	175	70	3	57		4	58
25	27	2696	175	70	5	57		6	58
25	28	2697	175	70	8	5		8	48
25	29	2698	175	70	9	57		10	45
25	30	2699	175	70	11	53		12	46

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
25	31	2701	175	70	15	31		15	50
25	32	2702	175	70	13	9		13	43
25	33	2703	175	70	20	6		20	46
25	34	2704	175	70	21	41		21	56
25	35	2705	176	70	2	20		3	19
25	36	2707	176	70	4	16		5	23
25	37	2708	176	70	5	46		6	8
25	38	2708	176	70	6	44		7	19
25	39	2709	176	70	8	25		9	9
25	40	2710	176	70	10	21		11	5
25	41	2711	176	70	11	15		11	27
25	42	2712	176	70	13	13		13	27
25	43	2712	176	70	14	4		14	41
25	44	2713	176	70	15	9		15	27
25	45	2713	176	70	15	51		15	29
25	46	2715	176	70	19	55		20	27
25	47	2716	176	70	21	14		21	42
25	48	2716	176	70	21	59		22	19
25	49	2718	177	70	1	25		1	39
25	50	2718	177	70	2	39		3	39
25	51	2719	177	70	4	38		5	42
25	52	2720	177	70	6	38		7	39
25	53	2721	177	70	8	7		8	26
25	54	2721	177	70	8	42		9	29
25	55	2723	177	70	11	33		11	47
25	56	2724	177	70	13	29		13	48
25	57	2724	177	70	14	11		14	31
25	58	2725	177	70	15	29		15	47
25	59	2725	177	70	17	10		17	38
25	50	2726	177	70	18	49		19	23
25	51	2727	177	70	19	47		19	59
25	52	2727	177	70	20	15		20	38
25	53	2728	177	70	21	50		22	2
25	54	2728	177	70	22	18		22	39
25	55	2729	177	70	23	46		0	0
25	56	2729	178	70	1	2		1	37
25	57	2730	178	70	1	40		2	1
25	58	2730	178	70	2	59		4	2
25	59	2731	178	70	4	57		5	59
25	70	2732	178	70	6	26		6	48
25	71	2732	178	70	7	15		7	49
25	72	2733	178	70	9	3		9	47
25	73	2734	178	70	10	50		11	48
25	74	2735	178	70	12	55		13	32
25	75	2736	178	70	14	31		14	51
25	76	2738	178	70	18	7		18	17
25	77	2738	178	70	18	18		18	31
25	78	2739	178	70	19	54		20	21
25	79	2739	178	70	20	34		21	1
25	50	2740	178	70	22	8		22	21

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT EI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
25	81	2740	179	70	22	39		22	59
25	82	2741	179	70	0	5		0	20
25	83	2741	179	70	1	23		1	52
25	84	2742	179	70	2	1		2	21
25	85	2743	179	70	4	48		5	9
25	86	2743	179	70	5	28		6	19
25	87	2744	179	70	6	45		7	8
25	88	2744	179	70	7	26		8	9
25	89	2745	179	70	9	11		10	9
25	90	2746	179	70	11	10		12	7

ENDE DES JOBS

RTT

GRS-1 AZUR MAGNETOMETER-EXPERIMENT ET15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
1	1	3	312	69	5	54	7	20	
1	2	3	312	69	7	22	7	32	
1	3	3	312	69	7	32	7	45	
1	4	13	313	69	1	59	2	33	
1	5	13	313	69	2	34	3	45	
1	6	25	313	69	18	59	19	50	
1	7	25	313	69	19	50	19	50	
1	8	25	313	69	19	50	20	6	
1	9	25	313	69	20	8	20	17	
1	10	25	313	69	20	17	20	56	
1	11	25	313	69	20	56	21	12	
1	12	25	313	69	21	12	22	1	
1	13	25	313	69	22	1	22	28	
1	14	31	314	69	9	18	9	27	
1	15	31	314	69	9	30	10	25	
1	16	31	314	69	10	27	10	47	
1	17	31	314	69	10	49	11	52	
1	18	31	314	69	11	54	12	38	
1	19	33	314	69	16	37	17	36	
1	20	33	314	69	17	37	18	1	
1	21	33	314	69	18	2	18	9	
1	22	33	314	69	18	11	19	30	
1	23	33	314	69	19	30	20	27	
1	24	37	314	69	21	56	1	46	
1	25	37	314	69	21	57	22	47	
1	26	37	314	69	22	47	23	28	
1	27	37	314	69	23	30	1	46	
1	28	38	315	69	4	40	6	12	
1	29	38	315	69	6	14	5	31	
1	30	38	315	69	6	33	6	37	
1	31	39	315	69	6	45	6	58	
1	32	39	315	69	6	58	8	18	
1	33	39	315	69	8	18	8	30	
1	34	41	315	69	9	3	9	13	
1	35	41	315	69	9	14	9	51	
1	36	41	315	69	9	51	10	23	
1	37	41	315	69	10	25	12	44	
1	38	43	315	69	13	4	14	21	
1	39	43	315	69	14	21	14	29	
1	40	43	315	69	14	30	16	50	
1	41	44	315	69	18	26	20	8	
1	42	46	315	69	20	28	0	26	
1	43	46	316	69	0	38	0	49	
1	44	48	316	69	0	49	1	57	
1	45	48	316	69	1	58	3	4	
1	46	48	316	69	3	4	4	8	
1	47	48	316	69	4	10	4	18	
1	48	52	316	69	9	6	10	14	
1	49	52	316	69	10	15	10	46	
1	50	52	316	69	10	46	11	11	

TT-TAPES

1 81
1 92

67 317 69 15 19
67 317 69 16 31

18 1
17 44

TT - TAPES

GRS-1 AZUR MAGNETOMETER-EXPERIMENT E115 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
2	1	67	317	69	17	45		18	1
2	2	69	317	69	18	11		22	19
2	3	71	317	69	22	28		1	44
2	4	73	318	69	1	53		5	39
2	5	78	318	69	13	22		17	26
2	6	83	318	69	22	0		2	8
2	7	85	319	69	2	17		6	8
2	8	87	319	69	7	13		8	1
2	9	87	319	69	8	4		11	25
2	10	87	319	69	8	44		11	25
2	11	90	319	69	12	35		16	48
2	12	91	319	69	15	57		19	15
2	13	96	319	69	23	2		2	52
2	14	98	320	69	5	37		9	49
2	15	99	320	69	10	0		11	48
2	16	101	320	69	11	57		12	22
2	17	101	320	69	12	35		15	45
2	18	103	320	69	15	59		17	48
2	19	107	320	69	22	39		2	51
2	20	109	321	69	3	16		6	51
2	21	111	321	69	8	35		10	46
2	22	111	321	69	11	2		12	12
2	23	113	321	69	12	21		15	35
2	24	113	321	69	15	37		16	8
2	25	115	321	69	16	17		20	2
2	26	118	322	69	0	18		1	20
2	27	120	322	69	1	29		5	15
2	28	122	322	69	6	15		9	12
2	29	122	322	69	9	26		10	39
3	1	126	322	69	9	31		11	32
3	2	126	322	69	17	31		18	28
3	3	130	322	69	21	23		1	42
3	4	132	323	69	1	50		5	40
3	5	137	323	69	12	44		15	52
3	6	138	323	69	17	1		18	50
3	7	142	323	69	21	51		2	2
3	8	144	324	69	2	12		5	33
3	9	145	324	69	6	18		9	25
3	10	147	324	69	9	34		12	10
3	11	147	324	69	12	12		13	29
3	12	149	324	69	13	38		17	17
3	13	154	324	69	22	12		2	26
3	14	155	325	69	2	35		4	24
3	15	169	326	69	5	57		10	11
3	16	171	326	69	10	21		13	7
3	17	171	326	69	12	30		13	7
3	18	173	326	69	14	19		16	0
3	19	179	327	69	1	26		5	14
3	20	181	327	69	5	22		9	34
3	21	0	0	69	0	0		0	0

TT-TAPES

GRS-1 AZUR MAGNETOMETER-EXPERIMENT EI15 TAPE INDEX LIST

TAPE	FILE	ORBIT	DAY	YEAR	HR	MIN	TO	HR	MIN
3	22	202	328	69	22	20		0	23
3	23	220	330	69	12	47		17	2
3	24	232	331	69	13	40		17	54
3	25	234	331	69	18	3		21	53
3	26	239	332	69	5	17		6	37
4	1	251	333	69	4	54		9	1
4	2	255	333	69	13	54		16	44
4	3	260	333	69	20	47		21	35
4	4	260	333	69	22	40		2	24
4	5	262	334	69	3	2		7	20
4	6	266	334	69	9	53		14	12
4	7	260	334	69	14	49		19	5
4	8	270	334	69	19	5		23	8
4	9	272	334	69	23	17		2	21
4	10	274	335	69	3	15		7	45
4	11	278	335	69	12	14		14	35
4	12	280	335	69	15	7		19	24
4	13	285	336	69	2	55		6	7
4	14	267	336	69	8	13		10	2
4	15	291	336	69	14	5		17	49
4	16	295	336	69	23	37		1	2
4	17	298	337	69	4	7		8	25
4	18	300	337	69	8	34		11	22
4	19	302	337	69	11	31		15	22
4	20	304	337	69	15	54		20	11
4	21	308	337	69	23	17		3	25
4	22	309	338	69	2	43		6	50
4	23	312	338	69	7	29		11	45
4	24	314	338	69	11	53		15	45
4	25	315	338	69	14	26		19	39
4	26	319	338	69	18	15		18	25
4	27	321	339	69	2	55		7	13
5	1	325	339	69	12	10		15	11
5	2	329	339	69	14	25		23	3
5	3	331	339	69	22	11		2	16
5	4	333	340	69	2	25		6	16
5	5	337	340	69	11	13		15	28
5	6	339	340	69	18	0		19	19
5	7	341	340	69	19	28		23	19
5	8	343	340	69	22	24		2	36
5	9	344	341	69	1	49		6	3
5	10	346	341	69	5	12		10	12
5	11	350	342	69	13	28		17	11
5	12	352	341	69	18	9		21	42
5	13	355	341	69	21	25		23	26
5	14	356	342	69	3	10		4	54
5	15	360	342	69	7	10		11	14

ENDE DES JOBS

TT-TAPES

[illegible]

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0577	347640163476	401534764015	347640153476	401534774015	347640153477	401434774014	347740143477
0625	347740143477	40134774013	347740137777	777777777777	777777777777	777734774012	347740123477
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0765	350140063501	400635014005	350140063501	400535014005	350140053501	400435014004	350140043501
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1005	3503400313503	400135034001	350340013503	400135034001	3503400303503	3503400303503	3503400303503
1057	3503400303503	400035044000	350340003504	377635043776	350437763504	377635043776	350437763504
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1153	350537743505	377335053773	350537733505	377335053774	350537733505	377335053772	350637733506
1201	350637723506	377335063772	350637723506	377135063774	350637713506	377135063772	350637723507
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1485	351137693511	376435113764	351137643511	376435113764	351137643511	376435113764	376435113764
1537	351237633512	376335123763	351237633512	376335123762	351237633512	376335123762	376335123762
1585	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777	777777777777
1633	35143763514	376035143760	35143763514	376035143760	35143763514	376035143760	35143763514
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1921	351737543517	376435173754	352037543520	376435203754	352037543520	351737543520	376435203754
1965	352037543520	376335203753	352137533521	376335213752	352137523521	376235213752	352137523521
2017	352137523521	376235213752	352237523522	376235223521	352237523521	376235223521	352237523521
2065	352237513522	376235233750	352337513523	376235233751	352337503523	376035233750	352337513523
2113	352437503823	376135243750	352437503524	376135243751	352437543524	376135243751	352437543524
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2449	353037443530	376435303744	353137443530	376435313743	353137443531	376435313743	353137443531
2497	353137443531	376435313743	353237443532	376435323743	353237443532	376435323743	353237443532
2545	353237423532	376435323742	353337443533	376435333742	353337423533	376435333742	353337423533
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0285	354037373541	374035403737	354137373541	373735413740	354137373541	373754013737	354137403541
0337	354137373541	373735423736	354237363542	373635423737	777777777777	777777777777	777777343542
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0525	354337363543	373635433736	354337363543	373635433736	354437363544	373635443736	354437363544

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[illegible][illegible]

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1057	000000000000	000000000000	000000000000	000000000000	000000000000	C0CC00000000	000000000000	000000000000
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1441	036342114363	021143634211	036342114363	021243634212	036242124362	021243624212	036242124362	021243624212	036242124362
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