

84-1 A-J

Kosmos 1522-1529

4611U	84	1	A	84	6.38333689	.0000000E	00000-0	99999-4 0	3
4611	74.0105	54.3877	0020751	273.4530	86.4275	12.46824643			7
4612U	84	1	B	84	6.37888429	.0000001E	00000-0	99999-4 0	3
4612	74.0102	54.3604	0040646	89.0889	271.4840	12.58407549			7
4613U	84	1	C	84	7.09616283	.0000001E	00000-0	99999-4 0	4
4613	74.0112	53.3985	0030419	99.1000	261.3474	12.56472234			16
4614U	34	1	D	84	6.38032486	.0000001E	00000-0	99999-4 0	2
4614	74.0066	54.3428	0020837	95.8456	264.6950	12.54643675			7
4615U	84	1	E	84	8.37723507	.0000001E	00000-0	99999-4 0	8
4615	74.0090	51.7165	0011159	95.9272	264.3054	12.52798296			32
4616U	84	1	F	84	7.90125175	.0000000E	00000-0	99999-4 0	5
4616	74.0094	52.3274	0001191	31.6424	828.4699	12.50849785			26
4617U	84	1	G	84	6.30382627	.0000000E	00000-0	99999-4 0	3
4617	74.0116	54.5013	0012517	341.8646	21.3927	12.49388038			6
4618U	84	1	H	84	6.38419751	.0000000E	00000-0	99999-4 0	3
4618	74.0119	54.3599	0032319	263.5053	96.2280	12.44627112			7
4619U	34	1	J	84	8.43428227	.0000000E	00000-0	99999-4 0	8
4619	74.0060	51.8295	0138249	266.3916	92.1304	12.24620563			32

84-2A

Kosmos 1530

4622U	84	2	A	84	11.56819038	- .0000168E	11712-4	00000	0	0	1
4622	72.8837	299.7695	0130272	89.9217	271.5770	15.98655885					1
4622U	84	2	A	84	11.69340872	- .0000168E	11695-4	00000	0	0	2
4622	72.8290	299.4425	0127743	89.1979	272.3844	15.98139977					3
4622U	84	2	A	84	11.81860955	- .0000167E	11637-4	00000	0	0	3
4622	72.8297	299.1251	0127637	88.8242	272.7587	15.98114184					5
4622U	84	2	A	84	12.25681056	- .0000000E	00000-0	00000	0	0	4
4622	72.8367	298.0301	0043246	216.2228	134.5504	15.60707613					12
4622U	84	2	A	84	13.02762112	.00009420	00000-0	10930-3	0	0	5
4622	72.8332	296.1890	0044315	214.9316	144.8222	15.60685762					24
4622U	84	2	A	84	13.41223830	.00009423	00000-0	10930-3	0	0	6
4622	72.8302	295.2718	0044145	217.7094	142.1259	15.60712796					30
4622U	84	2	A	84	14.50202345	.00009401	00000-0	10930-3	0	0	7
4622	72.8351	292.6615	0043749	211.6221	148.5286	15.60663750					47
4622U	84	2	A	84	14.88658047	.00009389	00000-0	10930-3	0	0	8
4622	72.8349	291.7425	0043624	210.5977	149.2367	15.60640716					53

14622U	84	2	A	84	15.33530332	.00006240	00000-0	72286-4	0	9
14622	72.8330	290.6683	0043971	209.4250	150.4763	15.60657212				60
4622U	84	2	A	84	15.97631613	.00006034	00000-0	69999-4	0	10
4622	72.8322	289.1338	0043583	208.1433	151.7034	15.60657674				70
4622U	84	2	A	84	16.29683123	.00006037	00000-0	69999-4	0	11
4622	72.8333	288.3668	0043655	207.8057	152.0670	15.60657914				75
4622U	84	2	A	84	16.87374979	.00006030	00000-0	69999-4	0	12
4622	72.8358	286.9886	0043592	206.5911	153.2330	15.60629659				84
14622U	84	2	A	84	17.19427785	.00006045	00000-0	69999-4	0	13
14622	72.8336	286.2229	0044371	205.5948	154.3413	15.60650743				89
1 14622U	84	2	A	84	19.24557575	.00003022	00000-0	35467-4	0	180
2 14622	72.8339	291.3148	0043651	200.6545	159.2673	15.60623745				1213
4622U	84	2	A	84	21.36097271	.00027109	00000-0	31309-3	0	21
4622	72.8310	276.2536	0043181	196.6475	162.9384	15.60599841				154
4622U	84	2	A	84	22.13024820	.00027115	00000-0	31309-3	0	22
4622	72.8327	274.4114	0042965	194.7212	165.2159	15.60618561				166
4622U	84	2	A	84	22.19436223	.00005165	00000-0	60158-4	0	23
4622	72.8323	274.2581	0043349	194.0797	165.9168	15.60605737				167
4622U	84	2	A	84	22.77129867	.00005151	00000-0	60158-4	0	24
4622	72.8330	272.8807	0042738	193.1533	166.8086	15.60569752				176
4622U	84	2	A	84	23.34825601	.00005166	00000-0	60158-4	0	25
4622	72.8321	271.4987	0043494	191.7366	168.3641	15.60608305				185
4622U	84	2	A	84	23.92517621	.00005166	00000-0	60158-4	0	26
4622	72.8317	270.1183	0043834	190.3751	169.5962	15.60591462				194
14622U	84	2	A	84	24.30981431	.00005155	00000-0	60158-4	0	27
14622	72.8316	269.1997	0043077	189.8385	170.1991	15.60601581				200

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for ts. 2

4622U	84	2	A	84	25.07906311	.01757173	00000-0	16629-1 0	28
4622	72.8329	267.3596	0042922	187.5459	172.4362	15.60629190	212		
4622U	84	2	A	84	25.07906311	.01757173	00000-0	16629-1 0	29
4622	72.8329	267.3596	0042922	187.5459	172.4362	15.60629190	212		

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Kosmos 1531

4624U	84	3	A	84	11.81433292	.00000000	00000-0	00000	0	0	1
4624	82.9335				50.4181	0017149	247.9132	112.0263	13.70651913		1
624U	84	3	A	84	12.83608004	.00082501	00000-0	91059-1	0		5
624	82.9368				49.6631	0018233	245.2165	114.6111	13.70977172		15

84-04A

Kosmos 1532

4634U	84	4	A	84	13.62353916	→.00004049	28131-4	00000 0 0	2
4634	67.1370	179.5499	0146680	68.5802	293.1251	16.02947528	5831		
4634U	84	4	A	84	13.91352809	.00285484	27507-4	99999-4 0	4
4634	67.1320	317.8112	0145096	93.7100	268.1319	16.04433865			1
4634U	84	4	A	83	14.60182233	→.00004031	27827-4	00000 0 0	1
4634	67.1370	320.0810	0146439	96.4974	265.5529	16.02947503			0
4634U	84	4	A	84	14.16284805	.00561471	27495-4	20499-3 0	6
4634	67.1328	316.9730	0141621	94.0059	267.7321	16.04694117			5
4634U	84	4	A	84	14.34982068	.00565887	27526-4	20499-3 0	7
4634	67.1315	316.3462	0141108	93.7120	267.9903	16.04874062			8
4634U	84	4	A	84	14.72370394	.00575673	28099-4	20499-3 0	8
4634	67.1314	315.0880	0140252	93.2135	268.4008	16.05213638			18
4634U	84	4	A	84	14.91063459	.00358797	27847-4	12737-3 0	9
4634	67.1313	314.4563	0140125	93.1076	268.5515	16.05308865			21
4634U	84	4	A	84	15.34673445	.00465988	27855-4	16255-3 0	10
4634	67.1321	312.9893	0138602	92.7356	269.1302	16.05764509			28

4634U	84	4	A	84	16.28075282	.00531577	27571-4	17700-3	0	11	
4634	67.1340	309.8409	0136135			91.6443	270.0631	16.06700008		43	
+634U	84	4	A	84	16.84089739	.00475602	27567-4	15596-3	0	12	
4634	67.1323	307.9513	0134344			91.0726	270.4792	16.07219511		52	
4634U	84	4	A	84	17.21425655	.00492953	28026-4	15941-3	0	13	
4634	67.1328	306.6898	0133083			90.7980	270.8909	16.07607430		58	
4634U	84	4	A	84	17.46309113	.00541029	27673-4	17212-3	0	14	
4634	67.1335	305.8508	0132217			90.3051	271.4000	16.07929203		62	
1	14634U	84	4	A	84	19.25586005	.00553841	28494-4	16218-3	7	166
2	14634	67.1319	299.7501	0126147		88.6403	273.0149	16.09934740		919	
4634U	84	4	A	84	19.88696436	.00628812	28063-4	17560-3	0	17	
4634	67.1293	297.6393	0124021			88.0737	273.7500	16.10792987		101	
4634U	84	4	A	84	21.15016718	.00664310	28225-4	17204-3	0	19	
4634	67.1296	293.2124	0118669			86.8138	274.9053	16.12556386		122	
4634U	84	4	A	84	22.12013358	.00752336	28788-4	18166-3	0	20	
4634	67.1307	290.0447	0115066			85.8539	275.6858	16.13902896		137	
4634U	84	4	A	84	22.24405315	.00744306	28389-4	17955-3	0	21	
4634	67.1294	289.6213	0114206			85.6282	275.7954	16.14084117		139	
14634U	84	4	A	84	22.80159893	.00750774	28198-4	17326-3	0	22	
4634	67.1299	287.7204	0111952			85.0121	276.3877	16.14927943		148	
4634U	84	4	A	84	23.35885179	.00795783	28717-4	17486-3	0	23	
4634	67.1313	285.8169	0109554			84.3820	277.0644	16.15835674		157	
4634U	84	4	A	84	24.22504371	.00887243	28518-4	18056-3	0	24	
4634	67.1286	282.8508	0105049			83.5047	277.8173	16.17282466		171	

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4634U	84	4	A	84	24.96685418	.00628181	28021-4	18056-3	0	25
4634	67.1185	280.3094	0129723			71.1550	283.2087	16.09366821		183
4634U	84	4	A	84	25.15362550	.00672088	27919-4	18056-3	0	26
4634	67.1306	279.6793	0130203			71.6186	233.9117	16.09874763		186
4634U	84	4	A	84	25.33999347	.00618504	28083-4	16599-3	0	27
4634	67.1292	279.0471	0129221			71.5000	290.0051	16.10091246		189
4634U	84	4	A	84	25.77475720	.00794665	28134-4	20849-3	0	28
4634	67.1325	277.5722	0127152			70.9229	290.6229	16.10705133		196
4634U	84	4	A	84	25.89893101	.00840825	28086-4	21627-3	0	29
4634	67.1282	277.1490	0126950			71.0679	290.4297	16.10920798		198
4634U	84	4	A	84	26.33344017	.00769385	28244-4	19361-3	0	30
4634	67.1289	275.6745	0124666			70.7195	290.7007	16.11594121		205
4634U	84	4	A	84	27.32595311	.00830333	28196-4	19427-3	0	31
4634	67.1283	272.2998	0119534			69.6888	291.9913	16.13271979		221
4634U	84	4	A	84	28.06957807	.00854475	28366-4	18872-3	0	32
4634	67.1298	269.7658	0115611			68.7893	292.6710	16.14569193		233
4634U	84	4	A	84	28.31731376	.00893310	28238-4	18634-3	0	33
4634	67.1300	268.9194	0114576			68.6161	292.8561	16.15044080		237
4634U	84	4	A	84	28.81260002	.00948970	28705-4	18634-3	0	34
4634	67.1306	267.2269	0111533			67.7882	293.5416	16.15967036		245

4634U	84	4	A	84	28.99960569	.06490602	27984-4	22393-2	0	35
4634	67.1326	266.5987	0146962			83.8029	277.9984	16.04063422		248
4634U	84	4	A	84	29.06195424	.00986330	27943-4	34706-3	0	36
4634	67.1305	266.3902	0146230			84.1624	277.6213	16.04063530		249
4634U	84	4	A	84	29.18664858	.00550514	28070-4	19593-3	0	38
4634	67.1286	265.9670	0145274			84.1211	277.6246	16.04184097		251
4634U	84	4	A	84	30.18387690	.00610976	27673-4	20655-3	0	39
4634	67.1310	262.6162	0141786			82.7920	279.0559	16.05384156		267
4634U	84	4	A	84	30.74444788	.00621149	27871-4	20655-3	0	40
4634	67.1276	260.7226	0139418			82.5816	279.0421	16.06027320		276
4634U	84	4	A	84	31.30482637	.00647886	28120-4	20829-3	0	41
4634	67.1294	258.8374	0137286			81.6679	280.0822	16.06780044		285
4634U	84	4	A	84	32.23816724	.00636366	28038-4	19612-3	0	43
4634	67.1246	255.6829	0133477			80.9508	280.5472	16.07956511		300
4634U	84	4	A	84	33.04655066	.00706029	27806-4	20559-3	0	44
4634	67.1250	252.9466	0130328			80.0587	281.7602	16.09117761		313
4634U	84	4	A	84	33.35725174	.00671644	28307-4	19352-3	0	45
4634	67.1246	251.8965	0128883			79.6591	281.8603	16.09513371		318
4634U	84	4	A	84	33.85428887	.00758285	28024-4	19352-3	0	46
4634	67.1295	250.2078	0107654			80.0911	282.2835	16.14875941		326
4634U	84	4	A	84	34.16374030	.00657459	28501-4	17070-3	0	47
4634	67.1292	249.1494	0106163			79.6503	281.8608	16.15554175		331
4634U	84	4	A	84	34.22561402	.00912006	28613-4	22208-3	0	48
4634	67.1271	248.9394	0105633			79.3394	281.9740	16.15691768		332
4634U	84	4	A	84	34.96814554	.00977140	28591-4	22208-3	0	49
4634	67.1291	246.4012	0101883			78.6480	282.5707	16.17042847		344

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4634U	84	4	A	84	35.46282083	.01107260	28623-4	23695-3	0	50
4634	67.1248	244.7051	CC99010	78.0998	283.2186	15.18132786	352			
4634U	84	4	A	84	35.83356062	.01326500	28627-4	26821-3	0	51
4634	67.1278	243.4321	0096402	77.8129	283.4348	16.19131574	358			
4634U	84	4	A	84	35.89522093	.01454396	28845-4	29287-3	0	52
4634	67.1301	243.2219	0095487	77.7815	283.4155	16.19341878	359			
4634U	84	4	A	84	36.01883339	.01129206	28600-4	29287-3	0	53
4634	67.1303	242.8010	0132004	85.6648	271.7497	16.09795376	361			
4634U	84	4	A	84	36.45433844	.00995951	28395-4	25309-3	0	54
4634	67.1272	241.3220	0128827	85.3463	276.0999	16.10635613	368			
4634U	84	4	A	84	36.88893148	.00955310	28426-4	23693-3	0	55
4634	67.1301	239.8490	0126235	85.0776	276.3183	16.11385167	375			
4634U	84	4	A	84	37.38536579	.00795304	28472-4	19006-3	0	56
4634	67.1280	238.1612	0124136	84.5501	276.7854	16.12154416	383			
4634U	84	4	A	84	38.37747440	.01147971	28468-4	24517-3	0	57
4634	67.1228	234.7833	0118464	83.2131	278.2528	16.14069688	399			
4634U	84	4	A	84	38.50139495	.00958311	28519-4	20051-3	0	58
4634	67.1271	234.3605	0118055	83.2373	278.1766	16.14247352	401			
4634U	84	4	A	84	38.81114134	.00314201	28179-4	20051-3	0	59
4634	67.1291	233.3035	0102216	112.7943	243.7896	16.06421893	406			

4634U	84	4	A	84	38.93540089	-.00004093	28321-4	00000 0 0	60
4634	67.1304	232.8899	0105340	118.8652	237.5082	16.09443955			15
4634U	84	4	A	84	38.93623093	.05660041	28124-4	25457-2 0	61
4634	67.1317	232.8876	0105591	119.2152	241.9639	16.09610532			403
4634U	84	4	A	84	39.18455378	.05609341	28128-4	25457-2 0	62
4634	67.1280	232.0410	0102275	119.6866	240.1233	16.10126926			412
4634U	84	4	A	84	39.30895920	.00657831	28504-4	29965-3 0	63
4634	67.1261	231.6219	0103669	117.8976	242.7538	16.09888881			414
4634U	84	4	A	84	39.30895920	.00657831	28504-4	29965-3 0	64
4634	67.1261	231.6219	0103669	117.8975	242.7538	16.09888881			414
4634U	84	4	A	84	39.68175599	.00664581	27668-4	29965-3 0	65
4634	67.1282	230.3617	0102460	117.8967	243.0848	16.10219242			420
4634U	84	4	A	84	40.17860058	.00478471	28203-4	21004-3 0	66
4634	67.1267	228.6750	0101501	117.4769	243.5307	16.10708875			428
4634U	84	4	A	84	41.42007949	.00508621	28249-4	21004-3 0	67
4634	67.1249	224.4586	0097510	115.8752	245.6721	16.12083793			448
4634U	84	4	A	84	41.42007949	.00508621	28249-4	21004-3 0	68
4634	67.1249	224.4586	0097510	115.8752	245.6721	16.12083793			448
4634U	84	4	A	84	42.10233005	.00621631	28758-4	24897-3 0	69
4634	67.1245	222.1382	0094554	115.3111	245.9440	16.12928822			459
4634U	84	4	A	84	42.22631829	.00498521	27753-4	24897-3 0	70
4634	67.1272	221.7151	0115455	123.4513	235.4121	16.06706246			461
4634U	84	4	A	84	43.28463467	.00517511	27863-4	24576-3 0	71
4634	67.1233	218.1426	0112396	122.1444	233.1618	16.07826608			478

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14054U	84	4	A	84	43.84438045	.00516431	28126-4	23954-3	0	72
14054	07.1237	216.2505	011.0713	121.5464	239.6285	16.08397686	487			
4634U	84	4	A	84	44.27561942	.00529318	28345-4	24120-3	0	73
4634	67.1224	214.7775	0109256	121.0917	240.1076	16.08859632	494			
4634U	84	4	A	84	44.52826702	.00475066	28308-4	21461-3	0	74
4634	67.1225	213.9375	0108127	120.9117	240.3524	16.09173617	498			
4634U	84	4	A	84	44.77685556	.00769637	27533-4	34259-3	0	75
4634	67.1259	213.0960	0106564	120.6635	240.6075	16.09587523	502			
4634U	84	4	A	84	45.08750071	.00662885	27775-4	28905-3	0	76
4634	67.1210	212.0401	0105743	120.1684	241.0039	16.09969298	507			
4634U	84	4	A	84	45.39808165	.00699657	28147-4	25912-3	0	77
4634	67.1197	210.9871	0104348	119.8251	241.3969	16.10435352	512			
4634U	84	4	A	84	47.32557012	.00529573	27817-4	24744-3	0	80
4634	67.1213	204.4657	0133516	120.3110	241.0082	16.03884172	543			
14634U	84	4	A	84	48.07372489	.00544900	27637-4	24878-3	0	81
14634	67.1208	201.9503	0130711	119.6766	241.7145	16.04679786	555			
4634U	84	4	A	84	48.26070626	.00524044	27803-4	23782-3	0	82
4634	67.1211	201.3215	0130108	119.2263	242.1825	16.04865145	558			
14634U	84	4	A	84	49.19524868	.00553673	27679-4	24181-3	0	83
14634	67.1215	198.1714	0126707	118.4809	243.0919	16.05929713	573			

4634U	E4	4	A	84	50.31293813	.00800429	28654-4	26974-3	0	86
4634	67.1189	194.3817	0097811	123.9331	236.9703	16.14094793	591			
4634U	84	4	A	84	50.62274267	.00857644	28359-4	28433-3	0	87
4634	67.1210	193.3209	0096152	123.6961	237.2816	16.14562561	596			
4634U	E4	4	A	84	51.05628501	.00725042	28624-4	23303-3	0	88
4634	67.1193	191.8413	0094558	123.3100	237.5928	16.15175748	603			
4634U	84	4	A	84	51.98476060	.00747445	28623-4	22694-3	0	89
4634	67.1182	188.6651	0089601	121.9975	239.1177	16.16645514	618			
4634U	84	4	A	84	52.35588173	.00779196	28596-4	22553-3	0	90
4634	67.1190	187.3973	0088968	121.8057	239.1587	16.17228960	624			
4634U	E4	4	A	84	52.66501425	.00601521	27989-4	27499-3	0	91
4634	67.1183	186.3452	0118962	138.2345	221.3912	16.06963932	629			
4634U	84	4	A	84	52.97642358	.00603046	27917-4	27499-3	0	92
4634	67.1186	185.2895	0119162	138.9087	221.7501	16.06951210*	634			
4634U	84	4	A	84	53.34988058	.00551726	27629-4	24862-3	0	93
4634	67.1164	184.0264	0117469	138.5453	222.5024	16.07409652	640			
4634U	84	4	A	84	53.97197441	.00643259	28212-4	28080-3	0	94
4634	67.1162	181.9197	0114658	137.7162	223.4891	16.08234967	650			
4634U	84	4	A	84	54.34503285	.00602068	28180-4	25886-3	0	95
4634	67.1159	180.6595	0113172	137.0575	223.5702	16.08720951	656			
4634U	84	4	A	84	54.65585607	.00895711	28538-4	25886-3	0	96
4634	67.1543	179.6157	0097065	135.2416	227.8519	16.15739959	661			
4634U	84	4	A	84	54.77927674	.00718379	28062-4	25886-3	0	97
4634	67.1167	179.1833	0089461	134.6189	225.7695	16.14937623	663			

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Kosmos 1532

forts. 4

4634U	84	4	A	84	55.02706213	.00834226	28594-4	29779-3	0	98
4634	67.1146	178.3348	0C87907	134.2687	226.5580	16.15303476	667			
4634U	84	4	A	84	55.02706533	.00796359	28777-4	28492-3	0	99
4634	67.1156	178.3362	0C87842	134.4034	226.4408	16.15294522	667			
4634U	84	4	A	84	55.39851357	.00776921	28389-4	26938-3	0	101
4634	67.1153	177.0667	0086384	134.2198	226.6162	16.15877255	673			
4634U	84	4	A	84	56.01729939	.00818265	28683-4	26938-3	0	102
4634	67.1159	174.9459	0083399	133.2592	227.6652	16.16931591	683			
4634U	84	4	A	84	56.45018345	.00803887	28583-4	25369-3	0	103
4634	67.1171	173.4659	0081943	132.8165	227.9670	16.17616845	690			
4634U	84	4	A	84	56.75929362	.00901459	28356-4	27528-3	0	104
4634	67.1171	172.4037	0080350	132.5326	228.3550	16.18220723	695			
4634U	84	4	A	84	57.25360184	.00909101	28902-4	26511-3	0	105
4634	67.1159	170.7074	0077934	131.9276	228.8181	16.19101033	703			
4634U	84	4	A	84	57.37714819	.01106051	28640-4	31630-3	0	106
4634	67.1161	170.2821	0077090	131.7154	229.1033	16.19432626	705			
4634U	84	4	A	84	57.50065381	.01182448	28712-4	31630-3	0	107
4634	67.1179	169.8573	0077661	131.8462	228.9928	16.19825318	707			
4634U	84	4	A	84	57.93273316	.01180522	28616-4	31115-3	0	108
4634	67.1139	168.3698	0072568	130.3245	230.6356	16.21006754	714			

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Yuri 2A (BS-2A)

4659U	84	5	A	84	23.14035356	.00000815	00000-0	99999-4	0	0
4659	28.4830	277.9041	7308949	177.9125	189.2547	2.26560314				0
4659U	84	5	A	84	23.58031456	-.00001191	16570-4	99999-4	0	2
4659	28.4119	277.4694	7314132	178.4097	188.1224	2.26579135				1
4659U	84	5	A	84	24.01912964	.00000991	00000-0	99999-4	0	3
4659	28.3910	277.4763	7312303	178.5730	185.9921	2.26500739				2
4660U	84	5	B	84	24.15445214	.00248250	-23831-5	94343-3	0	4
4660	29.9660	273.8293	1375886	184.8996	173.8153	13.03189836				10

4659U	84	5	A	84	26.84010995	-.00000321	00000-0	99999-4	0	13
4659	0.0370	284.5850	0010000	160.3330	84.7430	1.00519999				7
4659U	84	5	A	84	52.27706960	-.00000324	00000-0	99999-4	0	23
4659	0.3246	285.6241	0007107	107.9794	326.4435	1.00269138				33

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Kosmos 1533

1	14666U		84	26.42565191	-	.00000247		0	12	
2	14666	70.3806	300.3856	0099009	76.4828	284.5202	15.94209254		11	
1	14666U		84	26.42569006	-	.00000244		0	29	
2	14666	70.3627	300.3717	0098998	76.4950	284.7336	15.94137251		17	
1	14666U		84	26.67663928	-	.00000249		0	35	
2	14666	70.3628	299.6533	0098921	76.0618	285.1655	15.94146275		56	
1	14666U		84	27.11593980	-	.00000104		0	41	
2	14666	70.3719	298.4278	0050856	215.6160	128.6502	15.62547719		121	
1	14666U	84 GA	84	27.31078392	0.000095111		10000-2 0		54	
2	14666	70.3684	297.8930	0049483	215.5027	144.2909	15.62313271		157	
4666U	84	6	A	84	28.14310586	.00042022	00000-0	44538-3 0	6	
4666	70.3733	295.6220	0049361	213.6436	145.9149	15.62331700			28	
4666U	84	6	A	84	28.27120401	.00008321	00000-0	89081-4 0	7	
4666	70.3697	295.2688	0049557	213.2493	146.5504	15.62318901			30	
4666U	84	6	A	84	29.10356331	-	.00020615	00000-0	-21811-3 0	8
4666	70.3719	292.9981	0049944	212.3195	147.4384	15.62316541			43	
4666U	84	6	A	84	29.16760115	.00073760	00000-0	77761-3 0	9	
4666	70.3710	292.8232	0049471	211.8783	147.9304	15.62320673			44	

4666U	84	6	A	84	29.29565788	.00073855	00000-0	77761-3 0	10
4666	70.3695	292.4733	0049951	211.8348	147.9825	15.62335957			46
4666U	84	6	A	84	31.72874779	.00010488	00000-0	11332-3 0	13
4666	70.3689	285.8278	0049336	207.6149	152.2208	15.62299049			84
4666U	84	6	A	84	37.36332992	.00007864	00000-0	84828-4 0	20
4666	70.3705	270.4423	0048346	197.8787	162.0738	15.62281954			172
4666U	84	6	A	84	37.49138802	.00011751	00000-0	12709-3 0	21
4666	70.3675	270.0950	0048251	197.6775	162.2738	15.62285979			174

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Kosmos 1534

1	14668U		84	26.62023419	-.00000101		0	17	
2	14668	65.8472	286.1184	0033880	346.4754	13.5542	15.24199294	09	
1	14668U		84	26.63584868	-.00000103		0	25	
2	14668	65.8424	285.9123	0035063	345.5138	14.5620	15.24545707	10	
1	14668U		84	26.88263949	-.00000102		0	32	
2	14668	65.8424	285.2925	0034887	344.7669	15.2290	15.24549437	45	
1	14668U		84	26.94824241	-.00000103		0	49	
2	14668	65.8431	285.0882	0035552	344.9383	15.0612	15.24535990	54	
1	14668U	84 7A	84	27.07944633	-.00000103		0	53	
2	14668	65.8438	284.6773	0035335	344.9723	15.0448	15.24547267	71	
4058U	84	7	A	84	37.77236505	-.00000103	00000-0	00000 0 0	5
4068	65.8402	251.0718	0036692	338.9400	21.6070	15.24583900		172	
4008U	84	7	A	84	62.69851821	-.00004517	00000-0	18566-3 0	13
4008	65.8399	172.7312	0038361	325.6523	34.2173	15.24772639		552	

4008U	84	7	A	84	99.22859498	.00004343	00000-0	17601-3	0	38
4008	65.8415	57.8457	0042096	307.5887	52.1349	15.25154282	1109			
4008U	84	7	A	84	185.04978766	.00005088	00000-0	20149-3	0	134
4008	65.8397	147.7704	0042567	266.3102	93.3096	15.25683147	2418			

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Kina 14

1	14670U			84	30.26572090	0.00073580		56778-3 0	49
2	14670	31.0428	294.4266	0104843	342.0782	17.6146	15.63417626		126
4670U	83	8	A	84	31.22548886	.00010615	00000-0	16845-2 0	8
4670	36.0337	308.4989	3122194		51.1806	332.8674	8.95514054		6
4670U	83	8	A	84	32.22991173	-.00004351	00000-0	-70950-3 0	9
4670	36.0361	306.2796	3120840		54.3134	330.9656	8.95507137		15
4671U	84	8	B	84	29.56338895	.00000114	00000-0	00000 0 0	1
4671	31.0484	299.3325	0103388		333.5131	25.6800	15.63408155		1
4672U	84	8	C	84	29.82029349	.00000089	00000-0	00000 0 0	2
4672	31.1231	297.5629	0054853		24.1508	336.1710	15.59008135		5
4678U	84	8	D	84	31.98821726	.00448851	00000-0	25015-2 0	2
4678	31.0441	282.3547	0137010		349.0268	10.6091	15.65213481		7
4670U	83	8	A	84	34.23869052	.00003393	00000-0	54840-3 0	13
4670	36.0565	301.8169	3120740		60.5374	327.0756	8.95534511		33
4670U	83	8	A	84	35.46621888	.00005099	00000-0	81336-3 0	14
4670	36.0465	299.1372	3121663		64.2925	324.6007	8.95554992		44

4670U	83	8	A	84	35.91255840	.00005089	00000-0	81336-3 0	15
4670	36.0438	298.1066	3121344	65.7079	323.6663	8.95579539		48	
4670U	83	8	A	84	36.13572669	.00103211	00000-0	15845-1 0	16
4670	36.0386	297.6560	3123081	66.3073	323.3874	8.95739101		50	
4670U	83	8	A	84	36.47037640	.00097882	00000-0	14984-1 0	17
4670	36.0334	296.9073	3123039	67.3645	322.5372	8.95796652		53	
4670U	83	8	A	84	36.65350288	.00098077	00000-0	14984-1 0	18
4670	36.0185	296.4312	3123081	68.0365	322.0470	8.95819333		55	
4670U	83	8	A	84	36.91662144	.00099318	00000-0	14984-1 0	20
4670	36.0495	295.9410	3123795	68.6930	321.6654	8.95876511		57	
4670U	83	8	A	84	37.36277916	.00043262	00000-0	66135-2 0	21
4670	36.0328	294.9164	3123096	70.1677	320.4482	8.95875273		61	
4670U	83	8	A	84	38.36671655	.00100244	00000-0	15246-1 0	23
4670	36.0338	292.7489	3123159	73.2346	318.1944	8.95871904		70	
4670U	83	8	A	84	39.25913912	.00100062	00000-0	15246-1 0	24
4670	36.0257	290.7370	3122720	76.0333	316.3835	8.95927019		78	
4670U	83	8	A	84	39.25913570	.00038001	00000-0	57737-2 0	25
4670	36.0290	290.7232	3123595	76.0377	316.3486	8.95882267		78	
4670U	83	8	A	84	40.15144015	.00000651	00000-0	99999-4 0	27
4670	36.0258	288.7531	3123403	78.7566	314.1363	8.95867014		86	
4670U	83	8	A	84	40.59767410	.00000648	00000-0	99999-4 0	28
4670	36.0323	287.7881	3123110	80.0502	313.2878	8.95846883		90	
4670U	83	8	A	84	40.82077386	.00000651	00000-0	99999-4 0	29
4670	36.0273	287.3037	3123461	80.7872	312.7748	8.95841582		92	

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Lina 14

for ts. 0

46700	83	8	A	84	30.26572050	.00073580	00000-0	56778-3 0	4
4670	31.0428	294.4266	0104843	342.0782	17.6146	15.63417628		12	
46700	83	8	A	84	31.09523118	.00183533	00000-0	11770-2 0	5
4670	31.0447	288.6136	0126342	340.0392	19.4067	15.64345136		25	
46700	83	8	A	84	31.41420407	.00396738	00000-0	23396-2 0	6
4670	31.0425	286.3946	0133852	341.4881	17.6783	15.64624520		30	
46700	83	8	A	84	31.54178252	.00287399	00000-0	16522-2 0	7
4670	31.0427	285.4891	0137422	337.8613	21.8020	15.64777855		32	

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Kina 14

forts. 1

140700	83	8	A	84	41.15541315	.00000660	00000-0	99999-4 0	30
14670	36.0287	286.5398	3124713	81.8644	311.9416	8.95827859		95	
140700	83	8	A	84	41.15541315	.00000660	00000-0	99999-4 0	31
14670	36.0287	286.5398	3124713	81.8644	311.9416	8.95827859		95	
140700	83	8	A	84	41.93621633	.00007235	00000-0	11125-2 0	32
14670	36.0543	284.8046	3124054	84.2788	309.5048	8.95659057		102	
140700	83	8	A	84	42.71729267	.00013339	00000-0	27899-2 0	34
14670	36.0706	283.0140	3116379	87.2837	306.3071	8.92835741		109	
140700	83	8	A	84	42.71729267	.00013339	00000-0	27899-2 0	35
14670	36.0706	283.0140	3116379	87.2837	306.3071	8.92835741		109	
140700	83	8	A	84	42.94181169	.00013570	00000-0	27899-2 0	38
14670	36.0327	282.6333	3121800	87.8765	307.0358	8.91555711		111	
140700	83	8	A	84	43.27803014	.00013557	00000-0	27899-2 0	39
14670	36.0313	281.8496	3120868	89.0269	306.1630	8.91594109		114	
46700	83	8	A	84	46.08517298	.00226124	00000-0	53912-1 0	44
4670	36.0820	275.6736	3128502	96.8316	299.1418	8.87351874		139	
46700	83	8	A	84	46.08520178	.00022292	00000-0	54747-2 0	45
4670	36.0573	275.7823	3127280	96.9962	299.1412	8.87395577		139	
46700	83	8	A	84	46.08520178	.00022292	00000-0	54747-2 0	46
4670	36.0573	275.7823	3127280	96.9962	299.1412	8.87395577		139	

4670U	83	8	A	84	46.08517877	.00022053	00000-0	54747-2 0	47
4670	36.0853	275.6628	3126492	97.0089	299.0874	8.87357264	139		
4670U	83	8	A	84	46.53553946	.00021069	00000-0	54747-2 0	48
4670	36.0761	274.7776	3130176	98.0552	294.7550	8.85879957	143		
4670U	83	8	A	84	46.76215424	.00020556	00000-0	54747-2 0	49
4670	36.0748	274.3577	3130525	98.7266	297.0677	8.85385205	145		
4670U	83	8	A	84	47.10081481	.00020312	00000-0	54747-2 0	50
4670	36.0915	273.5617	3129785	99.8117	296.4626	8.85314106	148		
4670U	83	8	A	84	47.10081481	.00020312	00000-0	54747-2 0	51
4670	36.0915	273.5617	3129785	99.8117	296.4626	8.85314106	148		
4670U	83	8	A	84	47.43936308	.00020232	00000-0	54747-2 0	52
4670	36.0792	272.8462	3135131	100.8017	295.4570	8.84248564	151		
4670U	83	8	A	84	47.55238215	.00020339	00000-0	54747-2 0	53
4670	36.0636	272.6788	3129892	100.9880	295.6332	8.85316766	152		
4670U	83	8	A	84	48.11654537	.00007049	00000-0	18998-2 0	55
4670	36.0757	271.3947	3130222	102.8623	293.5069	8.85265341	157		
4670U	83	8	A	84	49.01935924	.00002953	00000-0	79650-3 0	56
4670	36.0752	269.4539	3130275	105.5791	290.7155	8.85264423	165		
4670U	83	8	A	84	50.03501756	.00003582	00000-0	56156-3 0	57
4670	36.0717	267.2826	3130633	108.5924	287.5893	8.85269773	174		
4670U	83	8	A	84	51.16348083	.00001686	00000-0	45388-3 0	58
4670	36.0708	264.8638	3130526	111.9917	283.9691	8.85272605	184		
4670U	83	8	A	84	52.06620350	.00001834	00000-0	45398-6 0	59
4670	36.0722	262.9066	3130473	114.7474	280.9281	8.85277159	192		

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Vina 14

forts. 2

4670U	83	8	A	84	53.19454628	100002584	00000-0	09656-3 0	60
4670	36.0726	260.4815	3130224	118.1405	270.6777	8.85284467	202		
4670U	83	8	A	84	54.32283818	.00003469	00000-0	93447-3 0	61
4670	36.0802	258.0444	3130236	121.5274	272.8928	8.85291702	212		
4670U	83	8	A	84	44.17451720	.00001417	00000-0	29117-3 0	40
4670	36.0395	279.9008	3121376	91.7047	303.6916	8.91596762	122		
4670U	83	8	A	84	45.29613832	.00001143	00000-0	29117-3 0	42
4670	36.0647	277.5089	3124746	94.4825	298.4709	8.87352919	132		
4670U	83	8	A	84	45.40963207	.00225163	00000-0	53912-1 0	43
4670	36.0595	277.2318	3127861	94.9342	300.9991	8.87399673	133		
4670U	83	8	A	84	47.10081481	.00020312	00000-0	54747-2 0	51
4670	36.0915	273.5617	3129785	99.8117	296.4626	8.85314106	148		
4670U	83	8	A	84	47.42936308	.00020232	00000-0	54747-2 0	52
4670	36.0792	272.8462	3135131	100.8017	295.4570	8.84248564	151		
4670U	83	8	A	84	47.55238215	.00020339	00000-0	54747-2 0	53
4670	36.0636	272.6788	3129892	100.9880	295.6332	8.85316766	152		
4670U	83	8	A	84	48.11654537	.00007049	00000-0	18998-2 0	55
4670	36.0757	271.3947	3130222	102.8623	293.5069	8.85265341	157		
4670U	83	8	A	84	54.32283818	.00003469	00000-0	93447-3 0	62
4670	36.0802	258.0444	3130236	121.5274	272.8928	8.85291702	212		

84-08A

Kina 14

forts. 3

46700	83	8	A	84	55.33825495	.00003484	00000-0	93447-3 0	63
4670	36.0831	255.8591	3130621	124.5763	269.0971	8.85297926	221		
46700	83	8	A	84	56.46644081	.00017309	00000-0	46241-2 0	64
4670	36.0787	253.4501	3130606	127.9689	264.7476	8.85322251	231		
46700	83	8	A	84	57.25610233	.00017169	00000-0	46241-2 0	65
4670	36.0805	251.7684	3129723	130.3453	261.5538	8.85344394	238		
46700	83	8	A	84	59.17376441	.00005259	00000-0	14187-2 0	67
4670	36.0793	247.6463	3129687	136.1157	253.5840	8.85352153	255		
46700	83	8	A	84	63.23406906	.00004872	00000-0	13142-2 0	72
4670	36.0841	238.9171	3129524	148.3358	235.0982	8.85387360	291		
46700	83	8	A	84	64.24901841	.00003940	00000-0	10593-2 0	73
4670	36.0857	236.7273	3129844	151.4054	230.1535	8.85395229	300		
46700	83	8	A	84	66.27879564	.00005907	00000-0	15858-2 0	75
4670	36.0991	232.3484	3129818	157.5228	219.9864	8.85413495	318		
46700	83	8	A	84	72.14186185	.00002361	00000-0	99891-3 0	81
4670	36.1266	219.8578	3100114	175.8207	186.2970	8.82489649	370		
46700	83	8	A	84	72.25587426	.00000229	00000-0	59999-4 0	82
4670	36.1332	219.5322	3098804	175.3807	188.4187	8.82305717	371		
46700	83	8	A	84	72.25587426	.00000229	00000-0	59999-4 0	83
4670	36.1332	219.5322	3098804	175.3807	188.4187	8.82305717	371		

146700	83	8	A	84	73.1610E4EE	.00002103	00000-0	91754-3 0	84
14670	36.1386	217.5941	3097E01	178.0587	183.5944	8.82310274	379		
46700	83	8	A	84	74.06624EE0	.00002831	00000-0	12209-2 0	85
4670	36.1284	215.6952	309E515	180.7677	178.7384	8.82316942	387		
46700	83	8	A	84	75.19766E80	.00041059	00000-0	17631-1 0	86
4670	36.1383	213.2799	309E734	184.1731	172.4691	8.8232E487	397		
46700	83	8	A	84	75.19766E80	.00041059	00000-0	17631-1 0	87
4670	36.1383	213.2799	309E734	184.1731	172.4691	8.82326487	397		
146700	83	8	A	84	75.4239E4E7	.00041581	00000-0	17631-1 0	88
14670	36.1459	212.7825	310E072	184.8473	171.3571	8.82329115	399		
46700	83	8	A	84	75.9896E5E5	.00041600	00000-0	17631-1 0	89
4670	36.1434	211.5918	3100080	186.5142	168.2713	8.82336846	404		
46700	83	8	A	84	78.02639079	.00037847	00000-0	16093-1 0	92
4670	36.1450	207.2807	309E767	192.6473	157.5241	8.82337489	422		
46700	83	8	A	84	78.02639E79	.00037847	00000-0	16093-1 0	93
4670	36.1450	207.2807	309E767	192.6473	157.5241	8.82337489	422		
146700	83	8	A	84	78.36586014	.00037612	00000-0	16093-1 0	94
14670	36.1312	206.5700	309E069	193.6416	155.8037	8.82342908	425		
146700	83	8	A	84	78.365E6014	.00037612	00000-0	16093-1 0	95
14670	36.1312	206.5700	309E069	193.6416	155.8037	8.82342908	425		
46700	83	8	A	84	79.1E78E370	.00003821	00000-0	16392-2 0	96
4670	36.1416	204.8915	309E37E	195.8E79	151.6123	8.82329080	432		
46700	83	8	A	84	80.0E314E55	.00005903	00000-0	2E24E-2 0	9E
4670	36.1416	202.5794	309E5E5	19E.5712	147.0626	8.82339657	440		

84-08A

Kina 14

/orts. 4

4670U	34	8	A	84	94.22081055	.00001604	00000-0	92110-3 0	120
4670	36.1724	173.0703	3078507	240.4095	85.5544	8.80223887	565		
4670U	34	8	A	84	94.22081055	.00001604	00000-0	92110-3 0	121
4670	36.1724	173.0703	3078507	240.4095	85.5544	8.80223887	565		
4670U	34	8	A	84	95.24215027	.00001253	00000-0	72375-3 0	122
4670	36.1669	170.9211	3077937	243.4083	81.9819	8.80225712	574		
4670U	34	8	A	84	96.26353900	.00001234	00000-0	71024-3 0	123
4670	36.1638	168.7736	3078235	246.4146	78.5746	8.80227994	583		
4670U	34	8	A	84	97.05783502	.00031089	00000-0	17752-1 0	124
4670	36.1551	167.1169	3077853	248.7375	75.9290	8.80330163	590		
4670U	34	8	A	84	97.28481533	.00019438	00000-0	11009-1 0	125
4670	36.1595	166.6347	3078958	249.4222	75.2741	8.80332475	592		
4670U	34	8	A	84	98.19263668	.00019511	00000-0	11009-1 0	126
4670	36.1651	164.7352	3079373	252.1169	72.2587	8.80336593	600		
4670U	34	8	A	84	99.21400430	.00001233	00000-0	70276-3 0	127
4670	36.1601	162.5808	3078876	255.0940	69.1640	8.80323386	609		
4670U	34	8	A	84	102.27829234	.00158041	00000-0	84842-1 0	131
4670	36.2014	156.0918	3082653	264.1786	60.4324	8.80444755	636		
4670U	34	8	A	84	102.50526268	.00084352	00000-0	46256-1 0	132
4670	36.1968	155.5772	3081539	264.8308	59.7649	8.80381386	638		

4670U	84	8	A	84102.84576717	.00085345	00000-0	46256-1 0	133
4670	36.2633	154.8817	3083507	265.8438	58.7965	8.80266230	641	
4670U	84	8	A	84103.07282636	.00083394	00000-0	46256-1 0	134
4670	36.1646	154.3963	3080388	266.5159	58.4485	8.80352602	643	
4670U	84	8	A	84107.38600378	.00954962	00000-0	46587 0 0	141
4670	36.1800	145.3451	3082845	279.1759	47.7331	8.80482764	681	
4670U	84	8	A	84107.49949517	.00067142	00000-0	37384-1 0	142
4670	36.1810	145.0874	3079980	279.5153	47.4588	8.80336375	682	
4670U	84	8	A	84108.06701797	.00055462	00000-0	30945-1 0	143
4670	36.1699	143.8889	3079892	281.1919	46.0905	8.80387668	687	
4670U	84	8	A	84108.29407028	.00003220	00000-0	18113-2 0	144
4670	36.1688	143.4030	3080065	281.8684	45.6344	8.80340444	689	
4670U	84	8	A	84117.20205567	.00001117	00000-0	00000-0 0 0	154
4670	36.1673	124.5290	3081458	308.2451	27.8207	8.80581579	768	
4670U	84	8	A	84123.16404013	.00002817	00000-0	15393-2 0	160
4670	36.1628	112.1096	3082005	325.6237	17.8689	8.80605698	820	
4670U	84	8	A	84124.18553091	.00000923	00000-0	50576-3 0	161
4670	36.1641	109.9588	3082131	328.6324	16.1676	8.80604829	829	
4670U	84	8	A	84128.27162833	.00001186	00000-0	64899-3 0	168
4670	36.1663	101.3565	3082026	340.6664	9.8524	8.80612101	865	
4670U	84	8	A	84135.30803436	.00001229	00000-0	64044-3 0	176
4670	36.1756	86.4960	3085071	1.3744	859.3318	8.81074644	927	
4670U	84	8	A	84136.21559273	.00001228	00000-0	64044-3 0	177
4670	36.1758	84.5845	3085022	4.0480	857.9839	8.81075553	935	
4670U	84	8	A	84142.11465332	.00002121	00000-0	11052-2 0	185
4670	36.1700	72.1362	3084839	21.4665	349.1166	8.81090140	987	

84-09A

[Titan 340] DSP

84-10A

Kosmos 1535

4679U	83	10	A	84	33.79384773	.00000000	00000-0	00000	0	0	1
4679	82.9607	64.7432	0048269	299.5748	60.0428	13.75478586					1

84-11F

Westar 6 racket

4694U	84	11	F	84	38.09558650	.00003105	00000-0	61184-4 0	2
4694	27.6773	138.0729	0637726		27.5075	335.7714	14.39973978		54
4694U	84	11	F	84	38.30357030	.00002176	00000-0	41610-4 0	3
4694	27.6738	136.8227	0638039		29.5605	333.9457	14.39976570		57
4694U	84	11	F	84	38.65020611	.00005475	00000-0	10717-3 0	4
4694	27.6731	134.7342	0637567		33.0127	330.8736	14.39980144		62
4694U	84	11	F	84	39.06616456	.00003661	00000-0	76852-4 0	5
4694	27.6733	132.2305	0637967		37.1322	327.1708	14.39993803		69
4694U	84	11	F	84	39.06616456	.00003661	00000-0	76852-4 0	5
4694	27.6733	132.2305	0637967		37.1322	327.1708	14.39993803		68
4694U	84	11	F	84	39.82874054	.00002031	00000-0	38660-4 0	7
4694	27.6740	127.6379	0637919		44.7172	320.2959	14.39981605		79
4694U	84	11	F	84	40.72995059	.00016041	00000-0	32598-3 0	8
4694	27.6708	122.2078	0638198		53.6552	312.1302	14.39991041		92

84-11 D

4692U	84	11	D	84	38.07976249	.00072983	00000-0	96248-3	0	3
4692	28.1600	134.0069	0639548			1.3161	358.8943	14.48292993		7
4692U	84	11	D	84	38.28655677	.00061000	00000-0	80514-3	0	4
4692	28.1597	132.7502	0639343			3.3759	357.0917	14.48313498		10
4692U	84	11	D	84	38.63121159	.00040353	00000-0	52806-3	0	5
4692	28.1610	130.6553	0639880			6.7970	354.0704	14.48307328		15
4692U	84	11	D	84	39.18265560	.00020999	00000-0	27405-3	0	7
4692	28.1603	127.3093	0639328			12.2626	349.2785	14.48326405		23
4692U	84	11	D	84	39.87194279	.00018341	00000-0	24512-3	0	8
4692	28.1603	123.1210	0639300			19.1506	343.2017	14.48351711		33
4692U	84	11	D	84	40.28550687	.1021646	00000-0	25612-3	0	93
4692	28.2092	120.6938	0641728			23.8701	339.3654	14.49554034		39
4692U	84	11	D	84	40.76752682	.00002054	00000-0	21195-4	0	10
4692	28.1782	117.7097	0646229			28.1851	335.6295	14.49821687		45

89-11 E

Palapa 4 rocket

146930	84	11	E	84	38.2863345	.00051200	00000-0	67700-3 0	4
14693	28.1604	132.7463	0636918	3.3651	357.0877	14.48790563	10		
146930	84	11	E	84	38.63086936	.00021100	00000-0	27484-3 0	5
14693	28.1593	130.6515	0637330	6.8052	354.0510	14.48796662	15		
146930	84	11	E	84	38.63086936	.00021100	00000-0	27484-3 0	6
14693	28.1593	130.6515	0637330	6.8052	354.0510	14.48796662	15		
146930	84	11	E	84	39.87119749	.00001100	00000-0	13214-4 0	7
14693	28.1581	123.1171	0637569	19.1484	343.1837	14.48799406	33		
146930	84	11	E	84	40.76697844	.00004922	00000-0	62406-4 0	8
14693	28.1576	117.6684	0637676	28.0682	335.3148	14.48812864	46		

84-11D

Palapa 4

689J	84	11	D	84	37.04105034	.01040015	00000-0	17790-2 0	4
689	28.4643	141.1841	0007884	293.9465	€6.0437	15.99320530		41	
689J	84	11	D	84	40.77226314	.02476892	15672-1	28666-2 0	18
639	28.4589	112.7159	0005091	0.3437	359.7180	16.12813425		101	

4-11B

Weslar 6

U	84	11	B	84	37.54152401	.00016254	00000-0	33202-3 0	2	
					27.6680	141.4174	0639080	21.8989 340.7654	14.39700578	46
U	84	11	B	84	38.09624916	.00014103	00000-0	28745-3 0	3	
					27.6739	138.0765	0638932	27.4722 335.7917	14.39709545	54
U	84	11	B	84	38.37361402	.00043927	00000-0	90925-3 0	4	
					27.6733	136.4092	0638880	30.2218 333.3751	14.39737796	58
U	84	11	B	84	38.58162645	.00085288	00000-0	18471-2 0	5	
					27.6727	135.1472	0639106	32.2691 331.5162	14.39737993	61
U	84	11	B	84	39.06700257	.00100818	00000-0	20831-2 0	6	
					27.6719	132.2312	0639246	37.0852 327.2141	14.39728437	68
U	84	11	B	84	39.06700257	.00100818	00000-0	20831-2 0	7	
					27.6719	132.2312	0639246	37.0852 327.2141	14.39728437	68
U	84	11	B	84	39.76037121	.00011315	00000-0	23840-3 0	8	
					27.6715	128.0631	0639229	43.9662 321.0019	14.39749503	78
U	84	11	B	84	40.38438727	.00012755	00000-0	23840-3 0	9	
					27.7318	124.4532	0641985	51.7711 314.4841	14.40810897	87
U	84	11	B	84	40.66140518	.00014371	00000-0	26048-3 0	10	
					27.6888	122.6643	0644373	52.7900 313.0503	14.40892449	91

84-11A

STS 41-B (Challenger)

4681U	84 11	A 84	34.59223628	.01810881	00000-0	51999-2 0	1
4681	28.4649	159.4556	0005917	291.3229	68.6743	15.87894704	1
4681U	84 11	A 84	34.78073332	.01815764	00000-0	51999-2 0	2
4681	28.4647	158.0567	0005940	291.9396	67.8489	15.87938698	4
4681U	84 11	A 84	34.93749999	.00107442	00000-0	40999-3 0	3
4681	28.4638	155.8859	0011714	254.6221	282.8007	15.85860795	6
4681U	84 11	A 84	35.27430509	.01605694	00000-0	51999-2 0	6
4681	28.4660	154.3840	0012145	258.7808	45.5586	15.85867944	12
4681U	84 11	A 84	35.49999953	.01607766	00000-0	51999-2 0	8
4681	28.4634	152.7100	0012423	259.7632	255.9002	15.85887537	15
4681U	84 11	A 84	35.78732299	.01623240	00000-0	51999-2 0	9
4681	28.4637	150.5979	0012547	262.1142	97.4414	15.86049833	20
4681U	84 11	A 84	35.99999999	.00107872	00000-0	40999-3 0	10
4681	28.4645	148.9960	0012538	266.0915	230.3065	15.85924783	23
4681U	84 11	A 84	36.10208333	.00107626	00000-0	40999-3 0	11
4681	28.4666	148.2384	0012688	268.4382	92.0332	15.85875088	26
4681U	84 11	A 84	36.36448842	.00108051	00000-0	40999-3 0	12
4681	28.4625	146.2915	0012922	269.5950	152.1895	15.85949908	30

4681U	84 11 A 84	36.50763842	.00205400	00000-0	40999-3 0	13
4681	28.4639	145.2212	0006422	270.8652	252.3911 15.58139031	32
4681U	84 11 A 84	36.58333287	.00200794	00000-0	40999-3 0	14
4681	28.4649	144.6542	0004938	268.4866	331.0593 15.57757713	33
4681U	84 11 A 84	37.10383068	.00198767	00000-0	40999-3 0	15
4681	28.4665	140.7180	0006713	278.8733	30.5314 15.97561639	41
4681U	84 11 A 84	37.35377144	.00197501	00000-0	40999-3 0	16
4681	28.4669	138.8370	0006481	277.3655	82.4657 15.97451864	45
4681U	84 11 A 84	37.55666666	.00174401	00000-0	40999-3 0	17
4681	28.4655	136.4787	0012562	263.9654	58.6127 15.95127092	50
4681U	84 11 A 84	38.35428573	.00177318	00000-0	40999-3 0	18
4681	28.4635	131.2997	0013450	273.2638	86.7738 15.95405561	61
4681U	84 11 A 84	38.62499999	.00180843	00000-0	40999-3 0	19
4681	28.4633	129.2646	0013845	273.1164	205.1926 15.55749095	66
4681U	84 11 A 84	38.71944328	.00186777	00000-0	40999-3 0	20
4681	28.4632	128.5545	0013707	274.5123	27.5003 15.95745865	68
4681U	84 11 A 84	38.83333333	.00186640	00000-0	40999-3 0	21
4681	28.4611	127.6876	0013738	275.6603	322.2881 15.96258388	69
4681U	84 11 A 84	39.04166620	.03248843	00000-0	51999-2 0	22
4681	28.4661	126.1175	0014394	278.6188	79.2311 15.96462720	72
4681U	84 11 A 84	39.35440213	.00163638	00000-0	33438-3 0	23
4681	28.4643	123.7668	0013821	279.6811	79.4165 15.96531392	77
4681U	84 11 A 84	39.58333333	.00190234	00000-0	40999-3 0	24
4681	28.4619	122.0331	0014481	282.7043	315.0717 15.96634920	81
4681U	84 11 A 84	40.10448962	.00188016	00000-0	40999-3 0	25
4681	28.4635	118.1010	0014891	290.0848	69.2041 15.96415773	89

84-11 A

STS 41-B (Challenger) fonts. 1

40810	34	11	A	84	40.47962154	.00025231	00000-0	55560-4 0	.26
4081	28.4607	115.2784	0015166	293.6609	66.0356	15.96330271		95	
40810	34	11	A	84	40.62499999	.00191754	00000-0	40999-3 0	27
4081	28.4667	114.1758	0016513	300.1500	176.8721	15.96716829		97	
40810	34	11	A	84	41.38763657	.00197000	00000-0	40999-3 0	28
4081	28.5537	108.4317	0017051	318.6012	231.8463	15.97177511		109	
40810	34	11	A	84	41.35457278	.00582956	00000-0	26085-1 0	29
4081	28.5194	109.1749	0006664	302.7050	55.9372	15.97695448		108	
40810	34	11	A	84	41.47942213	.03425884	12761-0	26085-1 0	30
4081	28.5478	107.7110	0019014	282.4861	76.9625	15.98175774		110	
40810	34	11	A	84	41.54189974	.00138016	00000-0	26661-3 0	31
4081	28.5549	107.2555	0017433	322.6912	36.7094	15.97287833		111	
40810	34	11	A	84	41.62499999	.00198164	00000-0	40999-3 0	32
4081	28.5531	106.6309	0017185	324.8486	153.3890	15.97276602		112	
40810	34	11	A	84	42.29162910	.00194801	11283-4	40999-3 0	33
4081	28.5541	101.6038	0018212	329.9150	29.5953	15.97221747		123	

84-12A

NOSS

84-13A

Kosmos 1536

4699U	84	13	A	84	39.44833225	.00000011	00000-0	00000 0 0	1
4699	82.5463	305.2534	0020450	285.0553	74.8182	14.73423825		1	
4699U	84	13	A	84	39.51624682	.00000011	00000-0	00000 0 0	2
4699	82.5397	305.1915	0021679	285.0655	74.8571	14.73546139		2	
4699U	84	13	A	84	39.85576949	.00000011	00000-0	00000 0 0	3
4699	82.5413	304.8807	0022473	283.0988	76.7747	14.73509783		7	
4699U	84	13	A	84	40.05948616	.00000011	00000-0	00000 0 0	4
4699	82.5428	304.6905	0022197	281.6493	78.2287	14.73539907		10	
4699U	84	13	A	84	40.19529566	.00000011	00000-0	00000 0 0	5
4699	82.5410	304.5660	0022258	280.9830	78.8748	14.73522700		12	
4699U	84	13	A	84	50.31328793	.00000262	00000-0	38357-4 0	17
4699	82.5405	295.2622	0022145	246.0905	113.7917	14.73530936		161	
4699U	84	13	A	84	78.22237502	.00001944	00000-0	25424-3 0	45
4699	82.5352	269.5853	0024000	153.8308	206.4178	14.73557277		572	

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Soyuz T-10

47010	84	14	A	84	39.55879041	-.00008375	58007-4	00000	0	0	1
4701	51.5760	329.1601	0016056	169.8748	190.2456	16.24184315					1
47010	84	14	A	84	39.80489562	-.00000738	00000-0	00000	0	0	2
4701	51.6188	327.8716	0032470	171.1155	185.6594	16.09458571					5
47010	84	14	A	84	40.05383612	-.00000741	00000-0	00000	0	0	3
4701	51.6276	326.5323	0032237	171.7006	188.4769	16.09562269					9
47010	84	14	A	84	40.30217317	-.00000734	00000-0	00000	0	0	4
4701	51.6268	325.1909	0031614	172.4470	187.7549	16.09649910					13
47010	84	14	A	84	42.22670103	-.00000441	00000-0	00000	0	0	5
4701	51.6216	314.9893	0005254	30.8177	230.7284	15.93697572					44
47010	84	14	A	84	43.56065893	-.00000451	00000-0	00000	0	0	6
4701	51.6222	307.5348	0006540	27.2536	333.6691	15.93970830					65
47010	84	14	A	84	48.65933797	.00600849	00000-0	13998-2	0	0	7
4701	51.6234	280.7275	0005426	27.3796	332.3370	15.95123305					148

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EXOS-C

4722U	84	15	A	84	45.51117532	-	.00000031	00000-0	00000	0	0	2
4722	74.5889	225.2302	0379180	161.7163	199.8097	14.82377218						3
4722U	84	15	A	84	45.84862995	-	.00000030	00000-0	00000	0	0	3
4722	74.5882	224.5813	0381134	160.9647	200.7189	14.82441555						8
4722U	84	15	A	84	46.25352935	-	.00051441	00000-0	17136-2	0		6
4722	74.5896	223.8062	0375877	159.9886	201.6686	14.82503974						14
4722U	84	15	A	84	61.42980215	-	.000061842	00000-0	20352-2	0		23
4722	74.5867	194.6972	0372804	124.4137	239.2889	14.84144500						239
4722U	84	15	A	84	79.61974111	-	.00035742	00000-0	11660-2	0		42
4722	74.5949	159.7425	0366295	81.5632	282.6999	14.85674341						509
4722U	34	15	A	84	99.47287531	-	.00051979	00000-0	16487-2	0		65
4722	74.5882	121.4655	0360181	34.6476	327.7598	14.87515905						804

84-16A

Stationsar-Raduga 14

4725U	84	16	A	84	46.34751819	-.00000082	00000-0	99999-4	0	0	
4725					0.0989	195.1228	0001000	359.9021	164.9456	0.99875369	0
4725U	84	16	A	84	48.14503504	-.00000259	00000-0	99999-4	0	2	
4725					1.2641	285.5740	0037553	348.3969	12.0100	1.00591528	3
4725U	84	16	A	84	48.14336527	-.00000085	00000-0	99999-4	0	3	
4725					1.2673	285.3117	0016145	289.7023	71.6295	0.99930633	3
4725U	84	16	A	84	49.13905282	-.00000079	00000-0	99999-4	0	4	
4725					1.2642	285.4250	0014704	290.1219	69.3168	0.99947767	4
4725U	84	16	A	84	51.13994573	-.00000152	00000-0	99999-4	0	5	
4725					1.2508	286.9928	0002840	61.3787	295.3658	1.00279478	6
4726U	84	16	B	84	47.03125404	.02298688	58994-4	34910-3	0	5	
4726					51.6221	281.8518	0004893	262.1430	98.1632	16.33422222	11
4727U	84	16	C	84	46.90833350	.31796540	60114-4	71814-3	0	3	
4727					51.6111	282.5407	0014810	179.3352	181.4442	16.45123111	9

4725U 84 16 A 84 78.07114855 -.00000156 C0000-C 00000 0 0 34
472E 1.2058 287.3445 C003666 28.1637 330.6666 1.00275141 33

84-17A

Kosmos 1537

Ned: 1 mars 84

4737U	E4	17	A	84	47.35841977	.00000095	00000-0	00000 0 0	1
4737	82.3512	295.7490	0060532	98.4337	262.3839	16.09538286		0.	
4737U	E4	17	A	84	47.64711583	.00000090	00000-0	00000 0 0	2
4737	82.3510	295.4604	0061275	97.3034	263.5219	16.09505259		4.	
4737U	84	17	A	84	48.39319856	.00000057	00000-0	00000 0 0	3
4737	82.3505	294.5963	0010586	313.0989	42.9520	16.03045796		16	
4737U	84	17	A	84	48.45533852	.00017262	00000-0	28184-4 0	4
4737	82.3505	294.5249	0010576	313.1638	41.2499	15.03048500		17	
4737U	84	17	A	84	49.20539166	.00057353	00000-0	92712-4 0	5
4737	82.3514	293.6628	0010014	307.8989	52.2199	16.03133059		29	
4737U	84	17	A	84	50.32889923	.00053661	00000-0	86287-4 0	6
4737	82.3500	292.3720	0009919	302.8940	57.0603	16.03237150		47	
4737U	E4	17	A	84	50.95306323	.00146759	83905-5	23701-3 0	7
4737	82.3538	291.6618	0010364	300.9301	59.0631	16.03322655		57	
4737U	84	17	A	84	51.14030468	.00032016	00000-0	51422-4 0	8
4737	82.3519	291.4414	0010086	298.4892	61.5100	16.03312897		60	

4737U	84	17	A	84	51.20272266	.00046478	00000-0	74524-4	0	5	
4737					82.3500	291.3682	0009795	299.9610	60.0516	16.03308515	61
4737U	84	17	A	84	52.01408292	.00057172	00000-0	91056-4	0	10	
4737					82.3478	290.4391	0009899	293.0163	66.9951	16.03380610	74
4737U	84	17	A	84	52.32613530	.00044833	00000-0	71492-4	0	11	
4737					82.3488	290.0788	0009824	292.9181	67.0976	16.03404755	79
4737U	84	17	A	84	53.19984666	.00047662	00000-0	75569-4	0	12	
4737					82.3487	289.0753	0009900	289.0328	70.9842	16.03492383	94
4737U	84	17	A	84	54.32311663	.00051384	00000-0	80813-4	0	13	
4737					82.3475	287.7842	0010067	283.6423	76.3736	16.03613099	112
4737U	84	17	A	84	55.13431114	.00056673	00000-0	93119-4	0	14	
4737					82.3464	286.8547	0011209	299.2511	60.3501	16.02833342	125
4737U	84	17	A	84	55.19681492	.00056729	00000-0	93119-4	0	15	
4737					82.3497	286.7778	0011671	317.3794	42.5954	16.02839739	126
4737U	84	17	A	84	55.32168691	.00056724	00000-0	93119-4	0	16	
4737					82.3486	286.6345	0011291	310.5049	49.5305	16.02846790	128
4737U	84	17	A	84	55.38411720	.00051758	00000-0	80856-4	0	17	
4737					82.3472	286.5659	0010272	278.3740	82.8429	16.03722488	129
4737U	84	17	A	84	55.44630562	.00034024	00000-0	56026-4	0	18	
4737					82.3477	286.4905	0011309	298.9956	59.6598	16.02857194	130
4737U	84	17	A	84	55.88355495	.00089384	27011-5	14740-3	0	19	
4737					82.3474	285.9960	0011059	295.7945	64.2601	16.02934203	137
4737U	84	17	A	84	56.07083021	.00089437	24965-5	14740-3	0	20	
4737					82.3459	285.7815	0011224	294.0686	65.9215	16.02929466	140
14737U	84	17	A	84	56.44539564	.00178612	12819-4	25330-3	0	21	
14737					82.3473	285.3506	0011719	302.6338	57.3455	16.03015789	146

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Kosmos 1537

forts. 1

14737U	84 17	A 84	56.94477393	.00206822	17748-4	33965-3 0	22
14737	82.3428	284.7784	0010580	291.9357	67.8902	16.03050353	154
14737U	84 17	A 84	57.25691208	.00030719	00000-0	50049-4 0	23
4737	82.3496	284.4164	0011362	289.6140	70.3211	16.03047057	159
14737U	84 17	A 84	57.50661794	.00030776	00000-0	50049-4 0	24
14737	82.3475	284.1369	0011189	286.4115	73.6142	16.03062308	163
4737U	84 17	A 84	60.25292207	.00060204	00000-0	95597-4 0	28
4737	82.3486	280.9813	0010678	272.8355	87.2074	16.03412501	207
4737U	84 17	A 84	60.81458573	.00060348	00000-0	55597-4 0	29
4737	82.3589	280.3163	0012116	257.2359	102.7943	16.03415466	216
4737U	84 17	A 84	61.00180560	.00060637	00000-0	95597-4 0	30
4737	82.3509	280.1220	0011151	266.8256	93.1885	16.03521885	219

84-18A

Progress

19

4757U	84	18	A	84	52.33578703	-.00008286	57103-4	00000	0	0	2
4757	51.6238	261.4302	0044465	90.5950	270.0910	16.21576205					1
4757U	84	18	A	84	52.52064948	-.00008356	57781-4	00000	0	0	3
4757	51.6248	260.4119	0045861	93.5844	267.2450	16.21884353					4
4757U	84	18	A	84	52.76445041	-.00000912	00000-0	00000	0	0	4
4757	51.6007	259.4089	0090371	38.5617	309.6859	16.03337624					7
4757U	84	18	A	84	52.89459646	-.00000918	00000-0	00000	0	0	5
4757	51.6093	258.4049	0090618	37.7164	323.0773	16.03480590					10
4757U	84	18	A	84	53.08155052	-.00215952	17407-4	19734-3	0		6
4757	51.6097	257.4008	0090496	38.4819	322.2977	16.03576506					13
4757U	84	18	A	84	53.51774349	-.00066734	66377-5	19734-3	0		8
4757	51.6082	255.0754	0040980	19.3388	334.7209	15.90995652					20
4757U	84	18	A	84	54.20972379	-.00023683	00000-0	68518-4	0		9
4757	51.6113	251.4303	0040617	22.2230	338.0601	15.91080207					31

47570	84	18	A	84	92.14331345	.02603224	58132-4	64539-3	0	21
4757	51.6298	51.5221	0010677	303.2347	110.3753	16.2821841411275				
47570	84	18	A	84	92.25690157	.01205642	58073-4	30580-3	0	22
4757	51.6208	50.8805	0007438	213.7354	86.6507	16.2810886011277				
47570	84	18	A	84	92.74778157	.00975032	57984-4	22847-3	0	23
4757	51.6187	48.1524	0007593	278.0173	81.7109	16.2898086511285				

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Kosmos 1538

4759U	84 19	A	84	52.70890218	-.00000012	00000-0	00000 0 0	1
4759	74.0732			32.9089 0036387	329.4083	30.4863	14.31359247	1
4759U	84 19	A	84	52.84877842	-.00000012	00000-0	00000 0 0	2
4759	73.9848			32.6751 0027809	349.0067	11.0713	14.30227032	3
4759U	84 19	A	84	52.91872041	-.00000012	00000-0	00000 0 0	3
4759	74.0503			32.5330 0028568	352.4996	7.5090	14.30167617	4
4759U	84 19	A	84	54.31870505	.00027991	00000-0	10927-1 0	9
4759	74.0447			29.5513 0022716	340.1116	19.8267	14.29319928	24

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Kosmos 1539

4763U	84	20	A	84	59.63564910	-00004033	27E58-4	00000	0	0	1
4763	07.1669	354.1346	0129072		56.0599	262.0661	16.07031116				1
4763U	84	20	A	84	59.69848246	-00003994	27538-4	00000	0	0	2
4763	07.1498	353.9264	0131296		95.5902	265.9707	16.07010098				2
4763U	84	20	A	84	59.82297028	-00004023	27777-4	00000	0	0	3
4763	07.1482	353.5067	0131049		95.2591	266.3868	16.0711E641				4
4763U	84	20	A	84	59.94743464	005392381	28367-4	18570-2	0	0	4
4763	07.1553	353.0847	0130372		94.9981	266.6573	16.07491887				6
4763U	84	20	A	84	60.07180670	005311695	27760-4	18570-2	0	0	5
4763	07.1521	352.6681	0130267		94.9006	266.3576	16.07368184				8
4763U	84	20	A	84	60.19625765	005379748	27696-4	18570-2	0	0	6
4763	07.1537	352.2481	0129727		94.9771	266.3802	16.07595723				10
4763U	84	20	A	84	60.25849175	033166868	28274-4	11304-1	0	0	7
4763	07.1265	352.0429	0124996		96.7086	264.7791	16.08667842				11
4763U	84	20	A	84	60.44424345	017988321	27375-4	11304-1	0	0	8
4763	07.1553	351.4122	0146152		79.6430	274.9097	15.98105497				14

47630	84	20	A	84	60.50802236	.02705320	27236-4	16619-2	0	9
4763	67.1544	351.2003	0144026			79.6853	281.8337	15.98795410		15
47630	84	20	A	84	60.50805EE2	.01364859	27542-4	84071-3	0	10
4763	67.1546	351.2408	0144191			79.6809	282.0606	15.98748898		15
47630	84	20	A	84	60.75824243	.00380671	26845-4	23501-3	0	11
4763	67.1542	350.3674	0142682			79.4710	281.8933	15.98906263		19
47630	84	20	A	84	61.25866CE1	.00412623	27887-4	24929-3	0	12
4763	67.1532	348.6991	0142674			79.0123	282.7390	15.99338880		27
47630	84	20	A	84	62.75894946	.00750316	28313-4	25436-3	0	14
4763	67.1549	343.6727	0101258			60.3706	317.4825	16.13395094		51
47630	84	20	A	84	63.31385262	.00820326	28237-4	26657-3	0	15
4763	67.1525	341.7796	009E399			60.3243	300.8994	16.14332624		60
47630	84	20	A	84	63.87127742	.00858291	27937-4	26697-3	0	16
4763	67.1506	339.8799	0095709			60.4072	300.6108	16.15244108		69
47630	84	20	A	84	64.24273545	.00809536	28755-4	24146-3	0	18
4763	67.1522	338.6109	0094953			59.2521	301.7465	16.15833698		75
47630	84	20	A	84	65.04710557	.00882425	28527-4	24545-3	0	19
4763	67.1556	335.8679	0091202			57.6840	303.3548	16.17200599		88
47630	84	20	A	84	65.41809EE4	.0083655E	28396-4	22741-3	0	20
4763	67.1511	334.5877	0085137			58.6721	302.2815	16.17803176		94
47630	84	20	A	84	65.8507E5E6	.00809532	28125-4	20744-3	0	21
4763	67.1504	333.1102	0087956			58.7035	302.2185	16.13478815		101
47630	84	20	A	84	66.03615459	.00816382	28559-4	20744-3	0	22
4763	67.1520	332.4724	008EE57			58.4106	302.6063	16.18858133		104
47630	84	20	A	84	66.28324E49	.00488593	27262-4	20744-3	0	23
4763	67.1480	331.6335	0178323			69.2178	282.3555	15.95545918		108

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forts. 1

47630	84	20	A	84	66.78647074	00531805	27626-4	21587-3	0	26
4763	07.	1443			329.9649	0177530	68.0980	293.5827	15.96136240	116
47630	84	20	A	84	69.15315745	01023240	28523-4	26647-3	0	32
4763	07.	1464			321.9961	0100766	67.4093	293.7756	16.16016418	154
47630	84	20	A	84	69.70999482	00599503	28637-4	14711-3	0	34
4763	07.	1451			320.0915	0098517	66.9110	294.2233	16.17023317	163
47630	84	20	A	84	70.08101664	00963694	28542-4	22870-3	0	35
4763	07.	1473			318.8201	0095893	66.6940	294.3944	16.17807874	169
47630	84	20	A	84	70.26646512	00978260	28720-4	22882-3	0	36
4763	07.	1456			318.1863	0094586	66.3881	294.7384	16.18188123	172
47630	84	20	A	84	70.82254562	01066311	28983-4	22882-3	0	37
4763	07.	1147			316.2365	0082265	68.1730	293.0022	16.19404156	181
47630	84	20	A	84	71.06954336	01125652	28630-4	23651-3	0	39
4763	07.	1478			315.4283	0090472	65.9823	295.0293	16.19931056	185
47630	84	20	A	84	71.56331660	01152982	28883-4	22559-3	0	40
4763	07.	1463			313.7293	0086854	65.3786	295.7032	16.21087819	193
47630	84	20	A	84	72.05671445	00710467	28462-4	22959-3	0	41
4763	07.	1476			312.0368	0083286	60.7173	309.6542	16.17149123	201

47630	84	20	A	84	72.36609587	.00786933	28315-4	24277-3	0	42
4763	07.1458	310.9739	0081891		50.0370	810.7903	16.1759	8094		206
47630	84	20	A	84	73.10777457	.02384216	28929-4	69048-3	0	43
4763	07.1460	308.4284	0078952		49.8507	311.3368	16.1896	7444		218
47630	84	20	A	84	73.29307843	.00897969	28754-4	25920-3	0	44
4763	07.1444	307.7944	0078069		49.0246	311.4971	16.1918	0880		221
47630	84	20	A	84	74.22340432	.00546174	27931-4	25920-3	0	46
4763	07.1474	304.6306	0127011		69.1104	292.2775	16.0500	9132		236
47630	84	20	A	84	74.72184458	.00640434	27950-4	29299-3	0	47
4763	07.1432	302.9543	0121301		68.1552	293.2522	16.0552	0668		244
47630	84	20	A	84	74.90872624	.00525740	27820-4	24243-3	0	48
4763	07.1454	302.3263	0124669		68.1894	293.2518	16.0573	4137		247
47630	84	20	A	84	75.28240587	.00536825	27760-4	24187-3	0	49
4763	07.1442	301.0679	0123994		67.7365	293.7050	16.0614	5293		255
47630	84	20	A	84	76.02947859	.00566588	27755-4	24187-3	0	50
4763	07.1462	298.5501	0121912		66.9016	294.4661	16.0696	2122		265
47630	84	20	A	84	77.83319704	.00857214	28202-4	33506-3	0	53
4763	07.1453	292.4692	0114822		65.0018	296.4226	16.0936	4727		294
47630	84	20	A	84	78.26810575	.00684529	27501-4	26029-3	0	54
4763	07.1416	290.9801	0113321		64.6700	296.4688	16.0994	5526		301
47630	84	20	A	84	78.82712152	.00893072	27765-4	32784-3	0	55
4763	07.1385	289.0867	0110508		63.8753	297.4556	16.1082	8478		310
47630	84	20	A	84	78.82712152	.00893072	27765-4	32784-3	0	56
4763	07.1385	289.0867	0110508		63.8753	297.4556	16.1082	8478		310
47630	84	20	A	84	79.07543625	.00746671	28053-4	26856-3	0	57
4763	07.1377	288.2434	0105871		63.6336	297.5374	16.1116	4880		314

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forts. 2

763U	34	20	A	84	81.24586639	.00816742	28012-4	24808-3	0	61
763	67.1395	280.8596			0100337	61.7325	299.3925	16.14644831		349
763U	84	20	A	84	82.05080998	.00956737	28855-4	27139-3	0	62
763	67.1396	278.1091			0055555	61.2517	300.0630	16.16143340		362
763U	84	20	A	84	82.29827523	.00993271	28436-4	27139-3	0	63
763	67.1340	277.2689			0095104	61.0207	300.0466	16.16640413		366
763U	84	20	A	84	82.91671843	.00767235	27352-4	27139-3	0	64
763	67.1244	275.1556			0148668	67.3349	284.9057	16.03515648		376
763U	84	20	A	84	83.23017583	.00821332	27431-4	28858-3	0	65
763	67.1393	274.1058			0146593	67.1006	294.5510	16.04008556		381
763U	84	20	A	84	83.60423248	.00801611	28129-4	27636-3	0	66
763	67.1394	272.8469			0144576	66.6482	294.9691	16.04608058		387
763U	84	20	A	84	83.91584284	.03093000	27831-4	10243-2	0	67
763	67.1445	271.8042			0142217	66.4242	295.2671	16.05439159		392
763U	84	20	A	84	84.10265262	.03104714	27845-4	10243-2	0	68
763	67.1535	271.1711			0140474	64.7244	296.4013	16.05835427		395
763U	84	20	A	84	84.10265262	.03104714	27845-4	10243-2	0	69
763	67.1535	271.1711			0140474	64.7244	296.4013	16.05835427		395
763U	84	20	A	84	84.35173689	.00862690	28010-4	28283-3	0	70
763	67.1407	270.3302			0140303	65.8433	294.8984	16.05960868		399
763U	84	20	A	84	84.78773145	.00845846	27750-4	27032-3	0	71
763	67.1402	268.8626			0137913	65.4696	296.0469	16.06692342		406

47630	84	20	A	84	84.91222885	.00978156	28279-4	30811-3	0	72
4763	67.1412	268.4430	0137318			65.3527	296.1988	16.06943982		408
47630	84	20	A	84	85.03669858	.00751277	27577-4	23536-3	0	73
4763	67.1400	268.0234	0136730			65.2353	296.2821	16.07126823		410
47630	84	20	A	84	85.41003857	.00837308	28185-4	25707-3	0	74
4763	67.1405	266.7622	0134498			64.7472	296.8223	16.07767869		416
47630	84	20	A	84	85.41003857	.00837308	28185-4	25707-3	0	75
4763	67.1405	266.7622	0134498			64.7472	296.8223	16.07767869		416
47630	84	20	A	84	85.90756855	.01030032	28263-4	30389-3	0	76
4763	67.1400	265.0812	0131034			64.3401	297.4208	16.08837718		424
47630	84	20	A	84	86.15614727	.01051838	28391-4	30389-3	0	77
4763	67.1402	264.2398	0125396			64.0814	297.3699	16.09364320		428
47630	84	20	A	84	86.96368800	.01084830	28568-4	29492-3	0	79
4763	67.1369	261.5014	0124401			63.1176	298.2796	16.10935780		441
47630	84	20	A	84	87.39816265	.01045892	28469-4	27521-3	0	80
4763	67.1372	260.0279	0121441			62.7779	298.5161	16.11833078		448
47630	84	20	A	84	88.20442255	.01150217	28524-4	28420-3	0	81
4763	67.1352	257.2837	0115155			62.1343	299.2735	16.13654687		461
47630	84	20	A	84	88.20442255	.01150217	28524-4	28420-3	0	82
4763	67.1352	257.2837	0115155			62.1343	299.2735	16.13654687		461
47630	84	20	A	84	88.76195776	.01538191	28201-4	35104-3	0	83
4763	67.1385	255.3836	0110437			61.5536	299.7315	16.15304815		470
47630	84	20	A	84	89.94397213	.00659294	27724-4	36862-3	0	87
4763	67.1327	251.3884	0107526			134.0610	227.1041	16.06914931		489

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forts. 3

47630	84 20	A 84	90.31734234	.00638085	28242-4	35052-3 0	88
4763	07.1309	250.1282	0106135	133.8759	227.1775	16.07372547	495
47630	84 20	A 84	90.31734234	.00638085	28242-4	35052-3 0	89
4763	07.1309	250.1282	0106135	133.8759	227.0775	16.07372547	495
47630	84 20	A 84	91.80981658	.00641440	28031-4	32763-3 0	91
4763	07.1335	245.0808	0099802	132.2550	228.5993	16.09337090	519
47630	84 20	A 84	92.24480204	.00651265	27821-4	31885-3 0	92
4763	07.1306	243.6106	0099271	132.1071	228.8855	16.09902103	526
47630	84 20	A 84	92.61750634	.00658435	28105-4	31885-3 0	93
4763	07.1321	242.3458	0096900	131.0148	230.0449	16.10448194	532
47630	84 20	A 84	92.61750634	.00658435	28105-4	31885-3 0	94
4763	07.1321	242.3458	0096900	131.0148	230.0449	16.10448194	532
47630	84 20	A 84	93.79679436	.00747722	27823-4	32962-3 0	96
4763	07.1328	238.3403	0092367	130.1982	230.6774	16.12276936	551
47630	84 20	A 84	93.98285418	.00833428	28078-4	36291-3 0	97
4763	07.1378	237.7003	0091178	128.6239	232.3236	16.12615249	554
47630	84 20	A 84	94.29295460	.00853046	28112-4	36291-3 0	98
4763	07.1341	236.6500	0085570	129.0632	231.8851	16.13149043	559

47630	84	20	A	84	54.29295460	.00853046	28112-4	36251-3	0	99
4763	67.1341	236.6500	0089570	129.0632	231.8851	16.13145043	559			
47630	84	20	A	84	94.54092437	.00786107	28343-4	33116-3	0	100
4763	67.1362	235.8110	0088226	128.6064	232.2380	16.13494897	563			
47630	84	20	A	84	95.28446052	.00901073	28085-4	35492-3	0	101
4763	67.1333	233.2741	0084514	127.6942	233.1055	16.14854334	575			
47630	84	20	A	84	95.65601639	.00728063	27845-4	35492-3	0	102
4763	67.1324	232.0038	0123556	129.7719	227.4095	16.05381119	581			
47630	84	20	A	84	96.34181927	.00821199	28110-4	37842-3	0	103
4763	67.1330	229.7003	0120883	128.9960	232.3050	16.06489588	592			
47630	84	20	A	84	97.27523520	.00846568	28184-4	36871-3	0	104
4763	67.1311	226.5501	0116017	127.7249	233.3734	16.08020365	607			
47630	84	20	A	84	97.52401396	.00854777	27947-4	36871-3	0	105
4763	67.1344	225.7113	0114583	127.6017	233.5177	16.08395844	611			
47630	84	20	A	84	98.26994378	.00799450	27908-4	32624-3	0	106
4763	67.1319	223.1859	0111347	126.8974	234.1417	16.09594671	623			
47630	84	20	A	84	98.89115587	.00815377	27712-4	32368-3	0	107
4763	67.1307	221.0799	0107829	125.7975	235.1373	16.10547678	633			
47630	84	20	A	84	99.26372961	.00779342	28402-4	29935-3	0	108
4763	67.1310	219.8160	0106666	125.2314	235.8283	16.11109459	639			
47630	84	20	A	84	99.57409493	.01186799	28582-4	44697-3	0	109
4763	67.1314	218.7631	0103647	124.5897	236.7347	16.11361997	644			

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Landsat 5

47800	84	21	A	84	61.85980E40	-0.00000024	00000-0	00000	0	0	1
4780	98.2563	124.3184	0010367	2E2.0402	77.9606	14.60733302					1
47800	84	21	A	84	62.20230773	-0.00000024	00000-0	00000	0	0	1
4780	98.2541	124.6575	0010725	283.3013	76.6888	14.60698483					6
47800	84	21	A	84	71.17604026	-0.00012363	00000-0	-25461-2	0	0	10
4780	98.2513	133.6020	0011434	253.2700	106.2233	14.60593090					137
47800	84	21	A	84	74.12181131	-0.00006413	00000-0	-13167-2	0	0	14
4780	98.2507	136.5373	0011501	239.7574	120.2869	14.60570611					180

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4783U	84	22	A	83303.84218417	-	.00000004	00000-0	99999-4	0	0
4783				0.0989 129.9833	0000100	359.7964	230.2493	0.99628146		0
4783U	84	22	A	84 62.30041231	-	.00000084	00000-0	55999-4	0	2
4783				1.3461 219.6130	0002429	64.7757	74.1657	0.99894137		123
4783U	84	22	A	84 64.96504107		.00000020	00000-0	99999-4	0	5
4783				1.4280 236.9837	0013060	238.9278	118.9007	0.99650776		126
4783U	84	22	A	84 65.97108717		.00000036	00000-0	00000	0	0
4783				1.4520 236.8998	0013154	235.3024	123.5503	0.99653851		127
4783U	84	22	A	84 70.95753295	-	.00000099	00000-0	00000	0	0
4783				1.4615 235.5007	0024853	215.2795	141.5098	1.00282664		10
4784U	84	22	B	84 63.62102533		.09296492	60514-4	31501-3	0	9
4784				51.6309 219.9815	0004938	269.6975	90.5995	16.44409955		24
4783U	84	22	A	84 78.92326367	-	.00000114	00000-0	00000	0	0
4783				1.4246 229.8511	0011755	250.2466	108.6663	1.00298542		18

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Intelsat 5 - F8

4786U	84	23	A	84	65.26585299	1.00000087	24711-4	99999-4 0	0
4786					8.7009 337.6862 7293308	179.2390 184.5734	2.30910603		145
4786U	84	23	A	84	65.70560547	1.00000251	00000-0	99999-4 0	3
4786					8.4676 338.0667 7275520	179.0939 183.9804	2.28336334		2
4786U	84	23	A	84	67.01382870	1.00000225	00000-0	99999-4 0	5
4786					8.4638 337.5304 7275482	180.1507 178.3964	2.28097856		5
4786U	84	23	A	84	67.01620270	1.00000225	00000-0	99999-4 0	6
4786					8.4782 337.7674 7275482	179.9147 180.3458	2.28097849		5
4786U	84	23	A	84	67.46700231	1.00000035	00000-0	99999-4 0	7
4786					0.4741 289.9420 0294270	226.9530 183.0040	1.04973559		5
4786U	84	23	A	84	67.48611110	1.00000033	00000-0	99999-4 0	8
4786					0.4551 285.9140 0230553	230.7880 191.3330	1.04733234		51
4786U	84	23	A	84	68.44452529	1.00000163	00000-0	99999-4 0	8
4786					0.4000 274.8000 0025113	67.6920 7.8220	1.00278017		6

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47900	84	24	A	84	66.76583431	-	.00000327	00000-0	00000 0 0	1
4790	62.9152	11.5856	7357172	318.3218	4.6555	2.02713393				1
47900	84	24	A	84	66.76583490	-	.00000284	00000-0	00000 0 0	2
4790	62.9170	11.5788	7357136	318.3021	4.6981	2.02803749				1
47900	84	24	A	84	66.76583490	-	.00000284	00000-0	00000 0 0	3
4790	62.9170	11.5788	7357136	318.3021	4.6981	2.02803749				1
47900	84	24	A	84	67.25893087	-	.00000274	00000-0	00000 0 0	4
4790	62.9244	11.4882	7357328	318.3550	4.4901	2.02693142				2
47900	84	24	A	84	67.25921005	-	.00000275	00000-0	00000 0 0	5
4790	62.9512	11.5642	7356252	318.3144	4.6971	2.02666704				2
47900	84	24	A	84	80.18847836	-	.00001095	00000-0	00000 0 0	20
4790	63.0214	9.5169	7368810	318.4817	4.7179	2.00654985				28

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Ned: 21/3-84

4793U	84 25	A 84	67.39090427	-1.00008249	00000-0	00000 0 0	1
4793	70.3366	328.2000	0092201	70.9793	290.0341	15.95356087	1
4793U	84 25	A 84	67.70441759	1.00061747	00000-0	99999-4 0	2
4793	70.3494	327.3243	0091465	74.1436	286.9721	15.95413263	6
4793U	84 25	A 84	68.08061330	1.00009305	00000-0	99999-4 0	3
4793	70.3558	326.2712	0049040	215.9041	134.7615	15.62224306	12
4793U	84 25	A 84	68.33836234	1.00027870	00000-0	29846-3 0	4
4793	70.3539	325.5618	0048891	216.2098	143.6644	15.62202021	16
4793U	84 25	A 84	69.29883661	1.00007325	00000-0	78986-4 0	5
4793	70.3548	322.9388	0049166	214.1231	145.6003	15.62212260	31
4793U	84 25	A 84	69.81110669	1.00031979	00000-0	34220-3 0	6
4793	70.3517	321.5356	0049007	213.6082	146.1481	15.62176652	39
4793U	84 25	A 84	69.87514548	1.00072590	00000-0	77024-3 0	7
4793	70.3562	321.3648	0048917	213.5842	146.2262	15.62196835	40
4793U	84 25	A 84	70.25933912	1.00006481	00000-0	10313-3 0	8
4793	70.3537	320.3132	0048990	212.7086	147.0823	15.62204230	46

47930	84	25	A	84	70.77160943	100315412	00000-0	32640-2	0	9
4793	70.3433	318.9076	0047637	212.3613	147.4471	15.62181694				54
47930	84	25	A	84	71.15578412	100317384	00000-0	32640-2	0	10
4793	70.3560	317.8655	0048899	210.9148	148.7994	15.62258102				60
47930	84	25	A	84	71.15578412	100317384	00000-0	32640-2	0	11
4793	70.3560	317.8655	0048899	210.9148	148.7994	15.62258102				60
47930	84	25	A	84	71.41193312	141124630	00000-0	28537	0	0
4793	70.3574	317.1621	0048214	211.3404	148.4777	15.61692366				12
47930	84	25	A	84	71.54003538	100319005	00000-0	32640-2	0	13
4793	70.3587	316.8091	0050781	209.9495	150.0988	15.62265619				66
47930	84	25	A	84	71.66805703	103672854	00000-0	26421-1	0	14
4793	70.3503	316.4642	0050716	209.7324	150.8263	15.62396496				68
47930	84	25	A	84	72.24437311	100017334	00000-0	18645-3	0	16
4793	70.3557	314.8909	0049353	209.3832	150.5232	15.62198025				77
47930	84	25	A	84	72.62856538	100017299	00000-0	18645-3	0	17
4793	70.3529	313.8429	0048840	208.8175	150.9911	15.62192389				83
47930	84	25	A	84	73.33291540	100156688	00000-0	16464-2	0	19
4793	70.3520	311.5202	0048078	207.7604	151.5509	15.62225689				94
47930	84	25	A	84	73.58906225	100036450	00000-0	35028-3	0	20
4793	70.3541	311.2159	0048044	207.3819	152.4048	15.62195194				98
47930	84	25	A	84	74.16536424	100036454	00000-0	39020-3	0	21
4793	70.3556	309.6434	0048395	206.1392	153.6534	15.62203974				107
47930	84	25	A	84	74.67764485	100194925	00000-0	20386-2	0	22
4793	70.3510	308.2398	0047845	205.4247	154.4542	15.62246188				115

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parts. 1

4793U	84	25	A	84	74.93377436	.00104778	00000-0	11081-2 0	23
4793	70.3577	307.5447	0046443	204.2056	155.6178	15.62199063		119	
4793U	84	25	A	84	75.38200212	.00087506	00000-0	92870-3 0	24
4793	70.3543	306.3173	0046070	204.1820	155.6049	15.62190776		126	
4793U	84	25	A	84	75.95829956	.00087839	00600-0	92870-3 0	25
4793	70.3551	304.7405	0046484	202.2784	157.4906	15.62197622		135	
4793U	84	25	A	84	78.26354825	.00000050	00000-0	97764-4 0	30
4793	70.3514	298.4454	0047930	198.9369	160.9752	15.62168015		171	
4793U	84	25	A	84	79.54423681	.00000054	00000-0	97764-4 0	32
4793	70.3545	294.9486	0046966	197.6617	162.2854	15.62074384		191	
4793U	84	25	A	84	79.80038859	.00179701	00000-0	18891-2 0	33
4793	70.3560	294.2513	0047325	196.7174	163.3106	15.62191719		195	
4793U	84	25	A	84	80.05650176	.00179890	00000-0	18891-2 0	34
4793	70.3541	293.5467	0047610	195.8003	164.1197	15.62200588		199	

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Ned: 5/4-84

4797U	84 26	A 84	70.82187687	-	00000563	00000-0	00000 0 0	1
4797	62.7994		13.3015	0140027	107.6255	253.4166	15.87633509	3
4797U	84 26	A 84	70.94784195	-	00000561	00000-0	00000 0 0	2
4797	62.8158		12.7955	0133860	109.4378	252.1508	15.88948543	5
4797U	84 26	A 84	71.19956905	-	00000564	00000-0	00000 0 0	3
4797	62.8180		11.8287	0133651	109.5257	252.1748	15.88987978	9
4797U	84 26	A 84	71.19956905	-	00000564	00000-0	00000 0 0	4
4797	62.8180		11.8287	0133651	109.5257	252.1748	15.88987978	8
4797U	84 26	A 84	74.15722016		00053637	00000-0	84557-4 0	9
4797	62.8157		0.3942	0121904	110.0529	251.4418	15.89166424	55
4797U	84 26	A 84	75.22689140		00065707	92895.-5	10654-3 0	10
4797	62.8163		356.2586	0131395	109.9258	251.8917	15.89286373	72
4797U	84 26	A 84	78.87579104		00002741	00000-0	81005-5 0	15
4797	62.8163		342.1432	0130114	110.5546	250.8231	15.89614063	130
4797U	84 26	A 84	78.87579104		00002741	00000-0	81005-5 0	16
4797	62.8163		342.1432	0130114	110.5546	250.8231	15.89614063	130
4797U	84 26	A 84	79.88229437		00046217	00000-0	72067-4 0	18
4797	62.8155		338.2496	0129881	110.5864	250.9753	15.89709098	146

4797U	84	26	A	84	81.26606911	.00052606	00000-0	81660-4 0	20
4797	62.8149	332.8957	0129192	110.5657	250.9831	15.89875390	168		
4797U	84	26	A	84	82.20947215	.00055127	00000-0	85284-4 0	21
4797	62.8143	329.2459	0128833	110.7549	250.7591	15.89982356	183		
4797U	84	26	A	84	83.21570283	.00061481	00000-0	94951-4 0	22
4797	62.8133	325.3493	0126145	110.9122	250.6268	15.90112412	199		
4797U	84	26	A	84	84.15895930	.00064509	00000-0	99122-4 0	23
4797	62.8147	321.6956	0127829	110.9069	250.5865	15.90235466	214		
4797U	84	26	A	84	84.72488138	.00043162	00000-0	66656-4 0	24
4797	62.8134	319.5023	0127434	110.9459	250.5171	15.90285074	223		
4797U	84	26	A	84	85.41654980	.00105494	93675-5	16360-3 0	25
4797	62.8142	316.8240	0127312	110.9763	250.6219	15.90436615	234		
4797U	84	26	A	84	85.41654980	.00105494	93675-5	16360-3 0	26
4797	62.8142	316.8240	0127312	110.9763	250.6219	15.90436615	234		
4797U	84	26	A	84	85.85663283	.00105711	94195-5	16360-3 0	27
4797	62.8175	315.1208	0127426	111.0619	250.2449	15.90446275	241		
4797U	84	26	A	84	86.92550212	.00183660	94003-5	28168-3 0	29
4797	62.8134	310.9744	0126368	110.9322	250.7248	15.90608421	258		
4797U	84	26	A	84	87.30265472	.00079199	94603-5	12358-3 0	30
4797	62.8144	309.5172	0126382	111.1461	250.2192	15.90634586	264		
4797U	84	26	A	84	88.11991181	.00148700	95651-5	22526-3 0	31
4797	62.8120	306.3416	0127079	112.6607	248.8256	15.90711495	277		
4797U	84	26	A	84	88.24563215	.00042399	00000-0	64614-4 0	32
4797	62.8137	305.8619	0126049	111.3104	250.1121	15.90733325	279		

84-26A

Kosmos 1543

parts. 1

47970	84 26	A 84	88.24563215	.00042399	00000-0	64614-4 0	33
4797	62.8137	305.8619	0126049	111.3104	250.1121	15.90733325	279
47970	84 26	A 84	92.95928501	.00064496	93030-5	10041-3 0	39
4797	62.8137	287.5836	0123553	111.3300	249.9541	15.91268639	354
47970	84 26	A 84	92.95928501	.00064496	93030-5	10041-3 0	40
4797	62.8137	287.5836	0123553	111.3300	249.9541	15.91268639	354
147970	84 26	A 84	94.21608419	.00032703	00000-0	45574-4 0	42
14797	62.8113	282.7091	0122872	111.5883	249.8983	15.91422743	374
47970	84 26	A 84	94.21608419	.00032703	00000-0	45574-4 0	43
4797	62.8113	282.7091	0122872	111.5883	249.8983	15.91422743	374
147970	84 26	A 84	94.84441452	.00084160	93831-5	12837-3 0	44
14797	62.8128	280.2719	0122956	111.5579	249.9499	15.91532083	384
47970	84 26	A 84	95.34703130	.00069608	93152-5	10734-3 0	45
4797	62.8113	278.3221	0122202	111.7780	249.6310	15.91599373	392

84-27A

Kosmos 1544

48190	84	27	A	84	75.836964EC	1.00000011	00000-0	00000 0 0	2
4819	82.5451	96.5652	0021313	281.9814	77.6095	14.73807557			1
48190	84	27	A	84	78.281165C8	1.00033968	00000-0	51502-2 0	10
4819	82.5453	94.2586	0021054	270.8726	88.7899	14.73811108			38
48190	84	27	A	84	82.28687455	1.00000480	00000-0	71631-4 0	15
4819	82.5423	90.5703	0021174	256.0632	103.8248	14.73813104			97

84-28A

Stationar - Ekran 12

48210	84	28	A	84	76.27005014	-	00000264	00000-0	99999-4 0	2
4821	0.2884	218.6883	0015588	252.8163	248.6059	1.01197331	24			
48210	84	28	A	84	77.59794099	-	00000265	00000-0	99999-4 0	3
4821	0.0542	129.5300	0012197	329.8880	24.4690	1.01185951	0			
48210	84	28	A	84	82.22570969	-	00000278	00000-0	99999-4 0	11
4821	0.0198	231.1753	0028889	54.1166	74.3290	1.00317816	5			
482E0	84	28	B	84	78.82007650	.	00000700	00000-0	91310-3 0	2
4828	47.4140	33.0629	7237274	0.4206	359.7464	2.28991672	6			
48210	84	28	A	84	99.17922189	-	00000273	00000-0	99999-4 0	25
4821	0.0825	111.2605	0001826	63.8182	184.9348	1.00283372	22			

84-29 A

Molniya 1 BM

4325U	84 29	A 84	77.03081401	.00000005	CC600-0	00000 0 0	0
4325	02.8016	117.1489	7398402	288.0424	9.3013	1.96886966	0
4325U	84 29	A 84	78.05144E74	.00000109	00000-0	55599-4 0	4
4325	02.8744	117.0323	7404542	288.1079	9.2372	1.95945471	1
4325U	84 29	A 84	82.13416578	.00000443	00600-0	99999-4 0	11
4325	02.8653	116.4226	7405425	288.1137	9.2486	1.95941446	9

84-30A

Kormos 1545

Ned: 5/4-84

48490	84 30	A 84	81.51618113	- .00001618	11002-4	00000 0 0	1
4849	72.9193	349.9418	0130395	86.9503	274.6474	15.96842370	1
48490	84 30	A 84	81.70413433	- .00001695	11785-4	00000 0 0	2
4849	72.8313	349.4702	0130035	85.9699	275.6634	15.96852268	4
48490	84 30	A 84	82.01737749	.01952717	11687-4	18015-2 0	3
4849	72.8311	348.6775	0126375	85.4004	276.4224	15.97538940	9
48490	84 30	A 84	82.20515311	.00160039	00000-0	18015-2 0	4
4849	72.8334	348.2383	0043459	211.7274	138.8582	15.60764670	12
48490	84 30	A 84	82.84773772	.00141258	00000-0	15945-2 0	5
4849	72.8349	346.6902	0044045	210.4674	149.0571	15.60717441	22
48490	84 30	A 84	83.68107429	.00029970	00000-0	34391-3 0	6
4849	72.8374	344.6985	0043386	209.0192	150.7759	15.60733551	35
48490	84 30	A 84	84.06567941	.00057196	00000-0	65190-3 0	7
4849	72.8380	343.7771	0044065	207.6885	152.1608	15.60742090	41
48490	84 30	A 84	84.06567941	.00057196	00000-0	65190-3 0	8
4849	72.8380	343.7771	0044065	207.6885	152.1608	15.60742090	41
48490	84 30	A 84	84.64256007	.00027046	00000-0	31045-3 0	9
4849	72.8360	342.3980	0043771	206.6195	153.1489	15.60723641	50

4849U	84	30	A	84	85.41176648	.00010137	00000-0	11747-3	0	10
4849	72.8349	340.5596	0043861	204.8337	155.0043	15.60721228				62
4849U	84	30	A	84	85.41176648	.00010137	00000-0	11747-3	0	11
4849	72.8349	340.5596	0043861	204.8337	155.0043	15.60721228				62
4849U	84	30	A	84	86.18096727	.00010135	00000-0	11747-3	0	12
4849	72.8380	338.7185	0043777	203.1573	156.7085	15.60719926				74
4849U	84	30	A	84	86.95016121	.00023700	00000-0	21247-3	0	14
4849	72.8374	336.8802	0043697	201.7325	158.0939	15.60712891				86
4849U	84	30	A	84	87.39888058	.00000810	00000-0	99999-5	0	15
4849	72.8369	335.8036	0043330	200.4697	159.4856	15.60706850				93
4849U	84	30	A	84	88.29627763	.00000809	00000-0	99999-5	0	16
4849	72.8373	333.6566	0043502	198.2190	161.7368	15.60712984				107
4849U	84	30	A	84	88.29627763	.00000809	00000-0	99999-5	0	17
4849	72.8373	333.6566	0043502	198.2190	161.7368	15.60712984				107
4849U	84	30	A	84	89.96287724	.00057837	00000-0	66098-3	0	19
4849	72.8363	329.6711	0043160	194.5964	165.5544	15.60720391				133
4849U	84	30	A	84	90.28337847	.00001293	00000-0	15566-4	0	20
4849	72.8368	328.9048	0043129	193.7668	166.1975	15.60704232				138
4849U	84	30	A	84	90.47568559	.00003938	00000-0	45905-4	0	21
4849	72.8362	328.4441	0043085	193.3163	166.6932	15.60707469				141
4849U	84	30	A	84	92.27047920	.00000637	00000-0	80365-5	0	24
4849	72.8355	324.1517	0043340	189.1529	170.8439	15.60704916				169
4849U	84	30	A	84	92.27047920	.00000637	00000-0	80365-5	0	25
4849	72.8355	324.1517	0043340	189.1529	170.8439	15.60704916				169

84-30A

Kosmos 1545

forts. 1

48490	84 30	A 84 93.74475311	.00100278	00000-0	11432-2 0	27
4849	72.8365	320.6245	0042368	185.8620	174.1873	15.60681147 192
48490	84 30	A 84 94.32168471	.00481910	85120-4	11432-2 0	28
4849	72.8363	319.2325	0120920	129.1492	243.1324	15.84911607 201
48490	84 30	A 84 94.32168471	.00481910	85120-4	11432-2 0	29
4849	72.8363	319.2325	0120920	129.1492	243.1324	15.84911607 201
48490	84 30	A 84 94.57220913	.00080615	40686-5	19335-3 0	30
4849	72.8322	318.6115	0120332	128.5639	232.5617	15.84917761 205
48490	84 30	A 84 94.82470596	.00234880	20852-4	55333-3 0	31
4849	72.8333	317.9819	0120998	127.8859	233.2656	15.85020158 209
48490	84 30	A 84 95.07716068	.00077086	38705-5	18305-3 0	32
4849	72.8353	317.3574	0120709	127.2893	233.8770	15.85025208 213
48490	84 30	A 84 95.26652154	.00064109	32808-5	15181-3 0	33
4849	72.8314	316.8893	0121042	127.1715	234.0618	15.85045045 216

84-31A

Kosmos 1546

4867U	84	31	A	84	90.02122485	.00000036	00000-0	99999-4 0	4
4867					1.3384 284.0057 0004977	162.4684	196.4536	0.99218878	2
4857U	84	31	A	84	90.02012721	.00000036	00000-0	99999-4 0	8
4867					1.3239 283.9012 0004744	161.3337	197.3212	0.99207930	2
4858U	84	31	B	84	89.72748333	.03195640	58638-4	51798-3 0	5
4868					1.6213 281.8864 0007185	203.7979	156.3024	16.32722847	3
4869U	84	31	C	84	89.42167101	.00008414	58056-4	00000 0 0	25
4869					51.6194 283.6094 0018702	146.6058	214.7580	16.29569245	46
4857U	84	31	A	84	96.07459631	.00000087	00000-0	99999-4 0	14
4857					1.2907 283.5250 0004557	161.5822	199.5369	0.99192718	6
4867U	84	31	A	84	114.15770301	.00000058	00000-0	00000 0 0	26
4867					1.2951 281.9516 0112511	24.6780	337.0073	0.99426785	24
4867U	84	31	A	84	137.18383235	.00000178	00000-0	00000 0 0	41
4867					1.1836 284.7692 0032016	21.0446	339.1990	0.99821118	47
4867U	84	31	A	84	141.18472366	.00000159	00000-0	00000 0 0	52
4857					1.1832 284.4594 0011901	18.7952	341.5853	1.00113177	51

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Союз Т-11

48720	84	32	A	84	94.60142185	-	.00008361	57836-4	00000	0	0	1
4872	51.6281	38.7712	0021601	107.8242	252.5133	16.23736732						1
48720	84	32	A	84	94.66296592	-	.00008380	57864-4	00000	0	0	2
4872	51.6187	38.4110	0021262	106.7223	253.6262	16.23767285						2

48720	34	32	A	84	97.16125121	.	.00120292	00000-0	31640-3	0		7
4872	51.7267	25.1431	0007819	298.0335	62.0960	15.93916553						42

84-33A

Kosmos 1547

4884U	84	33	A	84	95.12000133	.00000074	00000-0	00000 0 0	1
4884	62.9237	167.1657	7352233	317.5992	4.8748	2.03675408			0
4884U	84	33	A	84	95.61071204	.00000151	00000-0	99999-4 0	3
4884	62.8334	167.0435	7351545	317.5774	4.8788	2.03785401			2
4884U	84	33	A	84	99.07587899	-.00001118	00000-0	99999-4 0	9
4884	62.8913	166.5721	7373865	317.7221	1.0725	2.00678559			9

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STS 41-C (Challenger)

14897U	84	34	A	84	97.61282002	.02136172	20104-2	40999-2 0	
14897	28.5081	237.0737	0183209		61.5910	182.4427	15.76161162		
4897U	84	34	A	84	97.61289409	.00220754	79434-5	40999-3 0	2
4897	28.5130	237.0664	0183827		61.5839	182.1335	15.76050529		1
4897U	84	34	A	84	97.83194444	.00171921	32917-5	40999-3 0	3
4897	28.5112	235.4233	0175346		63.6514	345.4235	15.73960938		5
4898U	84	34	B	84	99.62895013	.00015304	00000-0	51600-3 0	5
4898	28.5059	222.8702	0001734		354.6590	5.3984	15.29209590		17
4897U	84	34	A	84	98.20404663	.00168782	30546-5	40999-3 0	6
4897	28.5087	232.7465	0173779		68.1066	293.7563	15.73970643		11
4897U	84	34	A	84	98.53364351	.00162385	23885-5	40999-3 0	7
4897	28.5085	230.3426	0183168		71.9430	1.3554	15.71587205		15
4897U	84	34	A	84	98.56597450	.00012249	00000-0	40999-3 0	8
4897	28.5091	230.0275	0001359		308.0543	309.6875	15.29341851		16
4897U	84	34	A	84	98.56620057	.00012250	00000-0	40999-3 0	9
4897	28.5091	230.1091	0001359		308.0569	309.6848	15.29341937		15
4897U	84	34	A	84	98.73472222	.00012175	00000-0	40999-3 0	10
4897	28.5082	228.9604	0001901		335.2293	132.0988	15.29144894		19
4897U	84	34	A	84	98.94791666	.00012028	00000-0	40999-3 0	11
4897	28.5075	227.5071	0002871		321.8818	241.2915	15.28741617		22

4397U	84	34	A	84	99.32083333	.00152550	00000-0	51999-2	0	12
4397	28.5091	224.9679	0003155	321.3462	138.2257	15.28673842				27
4397U	84	34	A	84	99.32083333	.00012004	00000-0	40999-3	0	13
4397	28.5091	224.9679	0003155	321.3462	138.2257	15.28673842				27
4397U	34	34	A	84	99.52332175	.00010339	00000-0	40999-3	0	14
4397	28.5067	223.5909	0003753	318.1761	177.0016	15.23692590				30
4397U	84	34	A	84	99.58194444	.00010198	00000-0	40999-3	0	15
4397	28.5076	223.1939	0001166	332.9647	124.4426	15.23234035				31
4397U	34	34	A	84	99.60687152	.00010192	00000-0	40999-3	0	16
4397	28.5073	223.0268	0001185	336.1189	258.2470	15.23210259				31
4397U	34	34	A	84	100.03844481	.00010086	00000-0	40999-3	0	18
4397	28.5041	219.7828	0002943	355.5166	354.4037	15.22851307				37
4397U	34	34	A	84	100.36384259	.00010208	00000-0	40999-3	0	19
4397	28.5055	217.9130	0001745	326.8420	106.0757	15.23262957				41
4397U	34	34	A	84	100.36384259	.00010208	00000-0	40999-3	0	20
4397	28.5055	217.9130	0001745	326.8420	106.0757	15.23262957				41
4397U	34	34	A	84	100.48928240	.00010192	00000-0	40999-3	0	21
4397	28.5071	217.0641	0001547	325.6419	76.4931	15.23213859				43
4397U	34	34	A	84	100.77986111	.00010255	00000-0	40999-3	0	22
4397	28.5065	215.1083	0003000	333.4228	225.1996	15.23419868				47
4397U	34	34	A	84	101.13680411	.00010231	00000-0	40999-3	0	23
4397	28.5049	212.7009	0003464	328.4790	31.5623	15.23339731				52
4397U	34	34	A	84	101.35991134	.00010653	00000-0	40999-3	0	24
4397	28.5055	211.1885	0009450	326.4968	179.4619	15.24658039				55
4397U	34	34	A	84	101.59583333	.00010195	00000-0	40999-3	0	25
4397	28.5083	209.5930	0001539	352.2626	357.8332	15.23224158				59

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STS 41-C (Challenger) fonts.1
→ (STS 13)

4897U	84	34	A	84102.27430555	.00010226	00000-0	40999-3	0	27
4897	28.5080	205.0083	0001777	8.2143	123.0469	15.23325368			69
4897U	84	34	A	84102.34947337	.00010236	00000-0	40999-3	0	28
4897	28.5068	204.4983	0001958	12.1274	172.1787	15.23360671			70
4897U	84	34	A	84102.44697098	.00746352	00000-0	-38780-1	0	29
4897	28.5052	203.8367	0002090	8.4745	351.5320	15.23117399			71
4897U	84	34	A	84102.51250480	.00010180	00000-0	40999-3	0	30
4897	28.5074	203.3987	0001831	7.3728	352.7003	15.23169991			72
4897U	84	34	A	84103.16527777	.00010182	00000-0	40999-3	0	31
4897	28.5106	198.9912	0001209	346.8214	359.8712	3 815.027A			
4897U	84	34	A	84103.39236111	.00010179	00000-0	40999-3	0	32
4897	28.5073	197.4532	0000974	358.2878	156.1060	15.23164870			84
4897U	84	34	A	84103.69999999	.00010264	00000-0	40999-3	0	34
4897	28.5079	195.3826	0000546	297.8293	107.1443	15.23453806			88
4897U	84	34	A	84103.79603472	.00010289	00000-0	40999-3	0	35
4897	28.5072	194.7295	0000882	297.2177	275.5642	15.23533089			89
4897U	84	34	A	84104.04166666	.00010299	00000-0	40999-3	0	36
4897	28.5108	193.0691	0001200	293.4589	189.2562	15.23568374			92
4897U	84	34	A	84104.34666666	.00010287	00000-0	40999-3	0	37
4897	28.5101	191.0110	0001438	299.4138	60.5766	15.23531345			97

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Kina 15

4900U	84	35	B	84102.77126745	.00000205	00000-0	97628-3 0	6
4900				31.0803 351.3988 7200674	179.8613 180.8285	2.28538200		8
4899U	84	35	A	84 99.28010113	-.00000027	00000-0	99999-4 0	1
4899				31.0283 352.5835 7209808	177.5081 190.7041	2.28207112		0
1 14899U				84 99.71708678	-.00000059		0	2
2 14899				31.0469 352.4283 7220108	177.7304 188.9168	2.27383658		1
1 14899U				84100.59532304	-.00000059		0	3
2 14899				30.9412 352.1245 7224266	178.1946 187.7926	2.27411768		3
1 14899U				84101.05332140	-.00000157		10000-3 0	4
2 14899				0.8537 34.7789 0005189	38.5972 286.6765	1.00563051		3
4899U	84	35	A	84102.05661568	-.00000287	00000-0	99999-4 0	5
4899				0.7755 40.7326 0067586	54.3433 265.6873	0.99607389		4
1 14899U				84103.06313607	-.00000297		10000-3 0	7
2 14899				0.7213 38.4137 0101873	78.0765 244.5389	0.99684798		5

4899U	84	35	A	84108.08215521	-	.00000327	00000-0	00000 0 0	14
4899		0.7383		45.1830	0001643	39.4661	275.3703	1.00289649	10
4899U	84	35	A	84110.07829590	-	.00000227	00000-0	00000 0 0	17
4899		0.7632		45.7141	0001763	38.5157	275.7769	1.00290329	12
4899U	84	35	A	84113.06838989	-	.00000328	00000-0	00000 0 0	25
4899		0.6327		47.0820	0000979	192.7726	120.1275	1.00274444	15
4899U	84	35	A	84114.06563415	-	.00000329	00000-0	00000 0 0	26
4899		0.6521		46.7432	0001299	185.3802	127.8932	1.00262569	16
4899U	84	35	A	84115.06288557	-	.00000329	00000-0	00000 0 0	27
4899		0.6274		46.9742	0001043	187.4489	125.5544	1.00269267	17
4899U	84	35	A	84137.00436573	-	.00000330	00000-0	00000 0 0	46
4899		0.6487		50.2129	0000247	265.4002	44.3817	1.00259362	39

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Wed: 25 May
84

1	14902U			84101.63623417	-	.00003996	27539-4		0	1
2	14902	67.1533		35.3479	0125799	97.8967	263.9178	16.08784342		1
1	14902U			84101.82265235	-	.00004057	28104-4		0	2
2	14902	67.1391		34.7198	0125463	97.4259	263.8923	16.08941197		3
1	14902U			84101.88485610	-	.00004023	27787-4		0	4
2	14902	67.1380		34.5058	0126232	98.4711	263.1070	16.08970428		4
1	14902U			84102.19560652	0	.00681826	28158-4	21383-3	0	6
2	14902	67.1464		33.4569	0124752	97.0534	264.5360	16.09566116		9
1	14902U			84102.25773594	0	.00763724	28045-4	23825-3	0	7
2	14902	67.1468		33.2470	0124438	97.0181	264.5225	16.09672856		10
1	14902U	84 36	A	84102.69259289	0	.00812231	28069-4	24740-3	0	8
2	14902	67.1483		31.7746	0122209	96.4771	265.0153	16.10342765		18
1	14902U			84102.94100323	0	.00965623	27723-4	28988-3	0	9
2	14902	67.1486		30.9326	0120904	96.3167	265.1443	16.10733318		22
4902U	84 36	A		84103.49970895		.00734460	28127-4	22254-3	0	11
4902	67.1469			29.0383	0118531	95.6178	265.8873	16.11626335		31
4902U	84 36	A		84103.87200339		.00825827	28389-4	22811-3	0	12
4902	67.1460			27.7716	0117270	95.2086	266.3055	16.12240571		37

4902U	£4 36	A	84104.2441405E	.00859443	28084-4	23046-3 0	13
4902	67.1461		26.5051 0115170	54.8349	266.6810	16.12529910	43
4902U	£4 36	A	84104.61611242	.00943311	28400-4	24610-3 0	14
4902	67.1485		25.2400 0112585	54.3366	267.0882	16.3612544	45E
4902U	£4 36	A	84104.86400850	.00897016	28455-4	22917-3 0	15
4902	67.1495		24.4021 0111565	54.1174	267.222E	16.14007590	53
4902U	£4 36	A	84104.58794633	.02187109	28133-4	54750-3 0	16
4902	67.1457		23.9719 0110524	53.8207	267.5585	16.14454013	55
4902U	£4 36	A	84105.17374451	.02241267	28484-4	54750-3 0	17
4902	67.1494		23.341E 0110235	53.7040	267.4025	16.14731252	5E
4902U	£4 36	A	84105.4214E512	.02225763	28561-4	54750-3 0	18
4902	67.1406		22.4912 0108791	53.8338	267.1485	16.15345183	62
4902U	£4 36	A	84105.54334052	.00942682	28240-4	22401-3 0	19
4902	67.1473		22.0748 010843E	53.5545	267.6165	16.15357878	64
4902U	£4 36	A	84106.28801851	.01117258	28532-4	24547-3 0	21
4902	67.1466		19.5355 0103822	52.8715	268.4540	16.16959962	76
4902U	£4 36	A	84106.10244052	.00996818	28314-4	22401-3 0	20
4902	67.1481		20.1707 0104975	53.0574	268.3550	16.16536084	73
4902U	£4 36	A	84106.53539394	.00427201	27541-4	24547-3 0	22
4902	67.1531		18.6865 0112733	66.8212	289.2087	16.05681581	80
4902U	£4 36	A	84106.84773014	.00412254	27561-4	23829-3 0	23
4902	67.1501		17.6485 0111074	66.8230	294.4681	16.05925512	85
4902U	£4 36	A	84107.15910682	.00395265	27898-4	22435-3 0	24
4902	67.1483		16.5969 0110504	66.6864	294.6616	16.06242997	90

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902U	84 36	A	84107.22136193	.00435886	27781-4	24622-3	0	25
902	67.1480		16.3871 0110367	66.6366	294.6440	16.06311092		91
902U	84 36	A	84107.90615424	.00420393	28013-4	23419-3	0	26
902	67.1452		14.0803 0108159	65.9988	295.1939	16.06879777		102
902U	84 36	A	84108.27958843	.00315624	27693-4	17090-3	0	27
902	67.1457		12.8188 0108217	65.8394	295.4689	16.07223661		108
902U	84 36	A	84108.83958838	.00396434	27923-4	21096-3	0	28
902	67.1469		10.9295 0106386	65.2922	296.1282	16.07725764		117
902U	84 36	A	84109.27498258	.00365589	27956-4	18955-3	0	29
902	67.1432		9.4593 0105507	64.8135	296.5173	16.08163070		124
902U	84 36	A	84109.27496189	.00471540	27760-4	24432-3	0	30
902	67.1442		9.4580 0105387	64.8592	296.3547	16.08188045		124
902U			84109.35934067	.00504143	16633-3	00000-0	0	0028
902	67.1492		9.0344 0104669	64.5879	296.2088	16.08312191		126
902U	84 36	A	84110.26975496	.00483731	28251-4	24038-3	0	32
902	67.1423		6.0961 0102657	63.7970	297.3749	16.09149253		140
902U	84 36	A	84110.70478404	.03017830	28007-4	14428-2	0	34
902	67.1373		4.6179 0101732	62.6080	298.5260	16.09665020		147
902U	84 36	A	84110.55324269	.00537466	28171-4	25558-3	0	36
902	67.1431		3.7721 0101117	63.4163	297.3088	16.09887074		151

4902U	84 36	A	84111.13966638	.00590145	28039-4	28040-3	0	37
4902	67.1439		3.1483 (199914	63.1614	258.0022	16.10123947		154
4902U	84 36	A	84111.38813142	.00663533	28014-4	28040-3	0	38
4902	67.1455		2.3029 (081996	66.5152	296.4537	16.14860318		158
4902U	84 36	A	84111.38813142	.00663533	28014-4	28040-3	0	39
4902	67.1455		2.3029 (081996	66.5152	296.4537	16.14860318		158
4902U	84 36	A	84111.38813142	.00663533	28014-4	28040-3	0	39
4902	67.1455		2.3029 (081996	66.5152	296.4537	16.14860318		158
4902U	84 36	A	84112.13078568	.00671443	28580-4	28107-3	0	40
4902	67.1422		359.7679 0079500	65.7059	255.2005	16.15862694		170
4902U	84 36	A	84112.25458077	.00674661	28593-4	25995-3	0	41
4902	67.1437		359.3449 (079088	65.5743	254.5691	16.16029511		172
4902U	84 36	A	84113.30626611	.00730991	28725-4	25764-3	0	42
4902	67.1421		355.7443 (079982	64.9212	255.9729	16.17492575		189
4902U	84 36	A	84113.49175807	.00665387	28601-4	23381-3	0	43
4902	67.1424		355.1097 (075143	64.8097	256.0746	16.17732213		192
4902U	84 36	A	84114.41879276	.00455643	27450-4	23381-3	0	44
4902	67.1454		351.9444 0123760	47.8359	303.9710	16.04826646		207
4902U	84 36	A	84115.16812903	.00523557	28196-4	23381-3	0	45
4902	67.1372		349.4284 0121564	45.0115	316.0703	16.06715517		219
4902U	84 36	A	84115.29262611	.00469661	27908-4	23381-3	0	46
4902	67.1455		349.0031 0120941	46.9725	313.7085	16.05696376		221
4902U	84 36	A	84117.03571133	.00656072	23686-3	00000-0	0	0048
4902	67.1462		343.1143 (113839	45.6398	315.3994	16.07772859		249
4902U	84 36	A	84117.22231608	.00685731	27658-3	00000-0	0	0048
4902	67.1468		342.4829 (112879	45.4498	315.5786	16.08050516		252

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forts. 2

4902U	84 36	A	84118.71355267	.00767726	28056-4	21315-3 0	48
4902	87.1403	337.4498	0166755	42.5212	317.4280	16.16443563	276
4902U	84 36	A	84118.21653474	.00665755	-21044-2	00000-0 0	0049
4902	87.1420	339.1279	0109455	44.4528	316.4527	16.05689591	268
4902L	84 36	A	84119.02437221	.00725156	28032-4	28583-3 0	49
4902	87.1411	336.3565	0165720	43.5256	317.3467	16.10882189	281
4902L	84 36	A	84119.02437221	.00725156	28032-4	28583-3 0	50
4902	87.1411	336.3565	0165720	43.5256	317.3467	16.10882189	281
4902L	84 36	A	84119.27271180	.00733660	28355-4	28583-3 0	51
4902	87.1404	335.5541	0164430	43.4619	317.4678	16.11245036	285
4902U	84 36	A	84119.85228481	.00718526	27925-4	27585-3 0	52
4902	87.1356	333.4491	0101567	43.0101	317.6950	16.12074485	295
4902L	84 36	A	84120.38555255	.00766463	28201-4	25826-3 0	53
4902	87.1387	331.7613	0100487	42.2023	318.6748	16.12780759	303
4902U	84 36	A	84121.07152261	.00714813	28233-4	24874-3 0	54
4902	87.1384	329.4383	0097830	41.4247	319.4814	16.13774486	314
4902U	84 36	A	84121.44331786	.00778903	28340-4	26464-3 0	55
4902	87.1385	328.1686	0095824	41.0598	319.8552	16.14382211	320
4902U	84 36	A	84121.44331786	.00778903	28340-4	26464-3 0	56
4902	87.1385	328.1686	0095824	41.0598	319.8552	16.14382211	320

49020	34	36	A	84121.93881896	.00390369	27627-4	26464-3	0	57
4902	07.1375	326.4878		0116956	64.7319	288.8423	16.03001302		328
49020	34	36	A	84121.93881896	.00390369	27627-4	26464-3	0	58
4902	07.1375	326.4878		0116956	64.7319	288.8423	16.03001302		328
49020	34	36	A	84122.25210883	.00386327	27688-4	25821-3	0	59
4902	07.1372	325.4357		0116528	64.2037	297.1081	16.03248748		333
49020	34	36	A	84122.87585982	.00537627	27904-4	34786-3	0	60
4902	07.1409	323.3437		0115176	64.4330	296.9539	16.03844975		343
49020	34	36	A	84123.06291917	.00536265	28136-4	34786-3	0	62
4902	07.1311	322.7124		0114021	63.3460	297.9254	16.04029788		346
49020	34	36	A	84123.18762370	.00435734	27888-4	28048-3	0	63
4902	07.1378	322.2928		0114240	63.2325	298.0099	16.04098448		348
49020	34	36	A	84123.93568395	.00427854	28181-4	26794-3	0	64
4902	07.1383	319.7779		0112020	62.6451	298.6714	16.04830265		360
49020	34	36	A	84124.18494850	.00435205	27831-4	26969-3	0	65
4902	07.1379	318.9397		0111531	62.3088	298.9278	16.05039123		364
49020	34	36	A	84126.30253997	.00418887	28370-4	24474-3	0	68
4902	07.1307	311.8078		0105695	60.1025	301.1122	16.06788408		398
49020	34	36	A	84126.86267252	.00480974	27156-4	24474-3	0	69
4902	07.1388	309.9300		0132303	128.7916	224.5405	16.03237136		407
49020	34	36	A	84127.17606581	.00469456	27733-4	24474-3	0	71
4902	07.1356	303.8775		0132432	127.4932	233.8409	16.02956185		412
149020	34	36	A	84127.48801741	.00470738	27499-4	24474-3	0	73
14902	07.1304	307.8313		0130978	127.2198	234.1545	16.03271742		417

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forts. 3

4902U	34 36	A	84127.86227020	.00418870	27468-4	21263-3 0	74
4902	67.1382	306.5727	0130153	126.8936	234.5129	16.03700390	423
4902U	34 36	A	84128.17406578	.00508833	27785-4	25413-3 0	75
4902	67.1366	305.5265	0129327	126.4729	234.8717	16.04018776	428
4902U	34 36	A	84129.10910331	.00569660	28330-4	27611-3 0	76
4902	67.1351	302.3824	0126149	125.4765	235.7588	16.04953235	443
4902U	34 36	A	84129.79448073	.00787832	27965-4	36628-3 0	78
4902	67.1360	300.0715	0123737	124.7630	236.6979	16.05842745	454
4902U	34 36	A	84130.29259526	.00689695	27417-4	31200-3 0	79
4902	67.1350	298.3988	0121754	124.5174	236.6619	16.06523066	462
4902U	34 36	A	84131.03946455	.00491175	28037-4	21867-3 0	80
4902	67.1331	295.8787	0118544	123.4037	237.5776	16.07338967	474
4902U	34 36	A	84131.28839760	.00582563	27973-4	25483-3 0	81
4902	67.1355	295.0371	0117757	123.0851	238.2170	16.07661396	478
4902U	34 36	A	84131.84819642	.00710996	28504-4	25483-3 0	82
4902	67.1406	293.1430	0095084	120.9301	243.6258	16.13979604	487
4902U	34 36	A	84132.03348889	.00484913	28536-4	17713-3 0	83
4902	67.1373	292.5112	0093495	120.6375	240.3364	16.14101153	490
4902U	34 36	A	84132.21938684	.00755944	28295-4	27731-3 0	84
4902	67.1365	291.8739	0091212	120.5462	240.5614	16.14436712	493

49020	34	36	A	84132.65295613	.00701704	28431-4	25018-3	0	85
4902	67.1363	290.3961	0089586	120.1967	240.7544	16.15027551	500		
49020	34	36	A	84133.33394765	.00740542	28460-4	24638-3	0	86
4902	67.1366	288.0718	0087578	119.4963	241.5032	16.16092117	511		
49020	34	36	A	84133.89080415	.00762552	28145-4	24638-3	0	87
4902	67.1365	286.1644	0084092	118.6857	242.3538	16.17004713	520		
49020	34	36	A	84134.69456484	.01038008	28666-4	31237-3	0	89
4902	67.1357	283.4100	0079960	118.0239	242.9572	16.18430479	533		
49020	34	36	A	84134.81814515	.00904858	28296-4	26932-3	0	90
4902	67.1366	282.9873	0079588	117.7476	243.1455	16.18611062	535		
49020	34	36	A	84135.31235420	.00851636	28572-4	24258-3	0	91
4902	67.1352	281.2922	0077404	116.9908	243.8184	16.19430045	543		
49020	34	36	A	84136.23833761	.00861042	28884-4	22416-3	0	92
4902	67.1343	278.1869	0073188	116.0437	244.8558	16.21037166	558		
49020	34	36	A	84136.42341547	.00885987	29028-4	22608-3	0	93
4902	67.1339	277.4700	0071283	116.8875	245.1983	16.21552558	561		
49020	34	36	A	84137.16314841	.00450067	27548-4	22608-3	0	94
4902	67.1361	274.9404	0134356	142.5467	202.5475	16.02972962	573		
49020	34	36	A	84137.29070312	.00635896	27724-4	31290-3	0	95
4902	67.1361	274.5115	0134451	142.7433	218.3447	16.03144829	575		
49020	34	36	A	84138.22619113	.00601153	27631-4	28429-3	0	96
4902	67.1356	271.3714	0130958	141.8448	219.0709	16.04258430	590		
49020	34	36	A	84139.22336670	.00617323	27821-4	27478-3	0	97
4902	67.1356	268.0164	0127805	140.9089	220.2385	16.05510005	606		
49020	34	36	A	84140.21971857	.00639684	28198-4	27737-3	0	98
4902	67.1339	264.6586	0122552	139.9242	221.2639	16.06812932	622		

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forts. 4

4902U	34	36	A	84140.46865234	.00781849	28190-4	33220-3	0	99
4902	67.1322	263.8150	0121637	139.7062	221.3524	16.07189490			626
4902U	34	36	A	84141.02857552	.00844678	28384-4	33220-3	0	100
4902	67.1336	261.9227	0106809	137.8206	224.1332	16.10835700			635
4902U	84	36	A	84141.27673705	.00664364	28073-4	25743-3	0	101
4902	67.135*	261.0826	0105881	137.4779	223.4312	16.11176760			639
4902U	34	36	A	84142.02144696	.00841717	28389-4	30916-3	0	102
4902	67.1317	258.5546	0102158	137.3451	223.9027	16.12411139			651
4902U	84	36	A	84144.00418757	.00892087	28312-4	30223-3	0	106
4902	67.1399	251.7993	0098078	135.6271	224.4992	16.13986936			683
4902U	84	36	A	84144.31411753	.00919395	28308-4	30223-3	0	107
4902	67.1389	250.7418	0096538	135.2928	225.6361	16.14573310			688

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Titan-340-Transstage

Upp fr. C. Canaveral

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Progress 20

4932U	84 38	A	84106.35611124	-	.00008254	57110-4	00000 0 0	1
4932	51.5957	336.3910	0056345	53.1862	267.5605	16.18815161		1
4932L	84 38	A	84106.82775035	.	.00353727	57626-4	12055-3 0	3
4932	51.5956	334.0123	0047315	102.2876	258.4335	16.21809493		8
4932U	84 38	A	84107.13583314	.	.00363256	57768-4	12055-3 0	4
4932	51.5919	332.3179	0046449	103.2415	257.4977	16.22204641		13
4932U	84 38	A	84107.38220212	.	.00605444	57882-4	19414-3 0	6
4932	51.5938	330.9582	0046117	104.2563	256.4252	16.22522839		17
4932U	84 38	A	84107.63034588	-	.00000694	00000-0	00000 0 0	7
4932	51.5901	329.6423	0033027	211.8512	148.3263	16.07271633		0
4932U	84 38	A	84107.87897425	.	.00281737	46269-4	32585-3 0	8
4932	51.5951	328.2644	0025309	228.4749	131.4771	16.07607939		25
14932U	84 38	A	84108.25190254	.	.00132066	17128-4	15397-3 0	9
14932	51.5940	326.2514	0024881	230.0349	129.7498	16.07695855		31
14932U	84 38	A	84128.04276945	.	.00122397	55838-4	71750-4 0	10
4932	51.5958	222.1624	0094204	283.1763	83.6910	16.08966353		350
4932U	84 38	A	84128.28985071	.	.00133103	56167-4	71750-4 0	11
4932	51.6161	220.8353	0085171	280.4318	80.1640	16.10737346		354

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Ned: 3maj, 1984

4938U	E4 40	A	84110.54046650	-	.00001671	11456-4	00000 0 0	1
493E	72.8237		27.6570 0127801		89.2053 272.3815	15.57182113		1
4938U	E4 40	A	84110.88362652	-	.00001657	11426-4	00000 0 0	3
493E	72.8854		26.8444 0126418		87.6990 273.8658	15.57277134		6
4938U	E4 40	A	84110.91626382	-	.00001670	11614-4	00000 0 0	4
493E	72.8866		26.6887 0126418		87.5767 274.0195	15.57262771		7
4938U	E4 40	A	84111.10416153	-	.00187222	11858-4	17274-3 0	8
493E	72.8900		26.2169 0127650		87.3259 274.3384	15.57409348		10
4938U	E4 40	A	84111.22940029	-	.00018154	00000-0	17274-3 0	6
493E	72.8930		25.9248 0043058		211.5334 139.3703	15.61062517		12
4938U	E4 40	A	84111.35916583	-	.00014955	00000-0	17274-3 0	7
493E	72.8961		25.6133 0043357		209.6859 149.9610	15.60714936		14
4938U	E4 40	A	84111.35916583	-	.00014955	00000-0	17274-3 0	8
493E	72.8961		25.6133 0043357		209.6859 149.9610	15.60714936		14
4938U	E4 40	A	84112.25655305	-	.00002201	00000-0	26005-4 0	9
493E	72.8923		23.4752 0042112		208.4079 151.4268	15.60716652		28
4938U	E4 40	A	84123.92349130	-	.00029525	00000-0	34315-3 0	28
493E	72.8917		355.6537 0040437		181.9450 178.1859	15.60562593		210

4938U	84 40	A	84114.24372368	.00002195	00000-0	26005-4 0	10
4938	72.8914		18.7352	0041613	204.2143	155.7021	15.60673302 59
4938U	84 40	A	84117.12825989	.00001529	00000-0	00000-0 0	0011
4938	72.8912		11.8532	0041471	197.2778	162.6976	15.60670134 77
4938L	84 40	A	84117.57702508	.00757521	00000-0	80085-2 0	12
4938	72.8942		10.7855	0041106	196.0897	163.7391	15.60751757 111
4938L	84 40	A	84118.02575103	.00756052	00000-0	80085-2 0	13
4938	72.9042		9.7222	0040639	194.8231	164.9820	15.60727849 118
4938L	84 40	A	84118.73090941	.00750411	00000-0	80085-2 0	14
4938	72.8892		8.0346	0040136	194.4450	165.4404	15.60573172 129
14938L	84 40	A	84118.79503624	.00184375	00000-0	20507-2 0	15
14938	72.8867		7.8782	0040609	193.9310	166.1137	15.60653330 130
4938L	84 40	A	84119.11552515	.00070602	00000-0	81171-3 0	16
4938	72.8923		7.1177	0040558	192.6126	167.2731	15.60635134 135
4938L	84 40	A	84119.31786117	.00076486	00000-0	81171-3 0	17
4938	72.8907		6.6578	0040786	192.6843	167.2592	15.60602270 138
4938L	84 40	A	84119.88479045	.00125322	00000-0	14339-2 0	18
4938	72.8905		5.2814	0040504	191.2181	168.6971	15.60606609 147
4938L	84 40	A	84120.39762339	.00005803	00000-0	67867-4 0	19
4938	72.8932		4.0612	0040515	189.9468	169.9843	15.60597955 155
4938L	84 40	A	84120.71816822	.00005795	00000-0	67867-4 0	20
4938	72.8928		3.2997	0040661	189.7980	170.1576	15.60572459 160
4938U	84 40	A	84123.21829600	.00010583	00000-0	12425-3 0	25
4938	72.8905		357.3349	0040324	183.3175	176.6848	15.60551125 199
4938U	84 40	A	84123.79526811	.00029462	00000-0	34315-3 0	26
4938	72.8901		355.9594	0040217	181.9446	178.1154	15.60521729 208

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49400	34	41	A	84113.98076239	-	.00000000	00000-0	99999-4	0	4
4940				1.3589	287.9477	0014148	159.9128	202.0092	0.98402828	1
49400	E4	41	A	84116.00855753	.	.00000000	00000-0	99999-4	0	7
4940				1.3628	289.2413	0000734	304.7404	54.4852	0.58415608	3

49440	34	41	E	84115.47075200	.	.00001069	00000-0	11752-2	0	3
4944				47.4728	284.3273	7285582	0.4117	0.0069	2.23585239	7
49410	E4	41	B	84113.41892764	-	.00008362	57760-4	00000	0 0	1
4941				51.6149	283.8489	0035393	46.1704	314.2340	16.23755664	4
49420	E4	41	C	84113.36505692	-	.00008714	60241-4	00000	0 0	1
4942				51.6047	284.1151	0037677	222.2644	181.3574	16.25582824	3

4940U	84	41	A	84128.16678181	-	00000090	00000-0	99999-4	0	16
4940				1.2167	284.6919	0032542	20.3555	339.5830	0.99825917	15
4940U	84	41	A	84136.01619370		00000132	00000-0	00000	0 0	25
4940				1.6040	284.3473	0022301	296.2089	70.5470	1.00232567	796
4940U	84	41	A	84136.99162603		00000124	00000-0	00000	0 0	27
4940				1.5706	283.4162	0005120	167.0363	193.5181	1.00268041	797
4940U	84	41	A	84142.58178321		00000130	00000-0	00000	0 0	31
4940				1.3874	286.2471	0002763	180.1691	179.3610	1.00250346	29

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Progress 21

49610	84 42	A	84129.12653438	-	.00008328	57588-4	00000 0 0	2
4961	51.6874		216.6689	0039989	94.9900	265.5726	16.21203106	3
49610	84 42	A	84129.31145219	-	.00000629	00000-0	00000 0 0	3
4961	51.6315		215.6662	0025517	236.1752	119.7579	16.05092990	6
49610	84 42	A	84129.56116469	-	.00000630	00000-0	00000 0 0	4
4961	51.6391		214.3282	0025470	238.7169	121.2090	16.05195980	10
49610	84 42	A	84130.24595198		.00598583	18375-3	81839-3 0	5
4961	51.6340		210.6460	0026329	238.9250	120.7515	16.04881047	21
49610	84 42	A	84130.61952725		.00604026	18792-3	81839-3 0	6
4961	51.6383		208.6411	0025984	240.4017	119.2203	16.05047002	27
49610	84 42	A	84130.74408012		.00602726	18697-3	81839-3 0	7
4961	51.6360		207.9673	0025898	242.1657	117.6224	16.05017296	29

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4965U	34	43	A	84132.32214471	.00000006	00000-0	00000 0 0	1
4965	82.9697	352.0544	0034318	290.0295	69.5525	13.73593934		1
4965U	34	43	A	84132.46786322	.00000006	00000-0	00000 0 0	2
4965	82.9756	351.9470	0024365	276.3734	82.5118	13.71646455		3
4965U	84	43	A	84134.21877198	.00001785	00000-0	19629-2 0	4
4965	82.9741	350.6613	0024592	270.9879	88.8350	13.71629089		27
4965U	84	43	A	84135.82359834	.00000914	00000-0	99999-3 0	5
4965	82.9807	349.4853	0025049	264.2158	95.5947	13.71633786		49

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Kosmos 1551

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4967U	84 44	A	84132.59542147	-	.00001738	11985-4	00000 0 0	1
4967	72.8879		69.1838	0062141	92.7478	268.1241	16.13412600	1
4967U	84 44	A	84132.96746194		.00284981	12202-4	17397-3 0	2
4967	72.8548		68.2277	0061820	91.6446	269.1954	16.13462299	7
4967U	84 44	A	84133.21547201		.00166528	32261-5	17397-3 0	3
4967	72.8088		67.5947	0083746	154.2544	199.0745	16.02328276	11
4967U	84 44	A	84133.21672346		.00156370	32471-5	17397-3 0	4
4967	72.8091		67.5918	0083662	154.0855	206.4569	16.02327910	11
4967U	84 44	A	84134.58854988		.00241546	34923-5	17397-3 0	5
4967	72.8074		64.1011	0034316	154.5264	205.7879	16.14320595	33
4967U	84 44	A	84134.89839195		.00243269	33683-5	17397-3 0	6
4967	72.8642		63.3020	0034787	153.7819	206.4520	16.14377102	38
4967U	84 44	A	84135.14627437		.00244168	34685-5	17397-3 0	7
4967	72.8673		62.6529	0034657	154.0207	206.2752	16.14489233	42
4967U	84 44	A	84135.27020792		.00114612	00000-0	81221-4 0	8
4967	72.8653		62.3417	0034727	153.1320	207.1621	16.14427975	44
4967U	84 44	A	84136.26159515		.00097381	00000-0	68186-4 0	9
4967	72.8668		59.7803	0034302	151.0961	209.1116	16.14681854	60
4967U	84 44	A	84136.26161760		.00103243	00000-0	72191-4 0	10
4967	72.8666		59.7823	0034722	150.8387	209.4709	16.14664234	60

49670	84	44	A	84138.18292429	00118175	00000-0	85504-4 0	12
4967	72.8645	54.8175	0035445	149.7213	210.6431	16.13773415	91	
49670	84	44	A	84139.17474222	00111666	00000-0	79829-4 0	13
4967	72.8637	52.2560	0036909	147.4846	212.8316	16.13989023	107	
49670	84	44	A	84140.16644191	00111407	00000-0	78657-4 0	14
4967	72.8626	49.6938	0036364	145.1861	215.1836	16.14208927	123	
149670	84	44	A	84141.34390998	00122870	00000-0	85192-4 0	15
14967	72.8614	46.6494	0037774	142.3551	218.1196	16.14505546	142	
49670	84	44	A	84142.14938349	00124299	00000-0	85192-4 0	16
4967	72.8593	44.5676	0037163	140.7226	219.7195	16.14716472	155	

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Kosmos 1552

4971U	84045A		84135.64004298	-	00000606	00000-0	00000-0	0	0001
4971	64.9424		118.2996	0096679	68.6337	292.5278	16.09171461		1
4971U	84045A		84135.76438185	-	00000606	00000-0	00000-0	0	0002
4971	64.9238		117.7797	0089599	70.8943	29.3835	16.06745322		3
4971U	84 45	A	84135.82665168	-	00004957	34241-4	00000 0 0		2
4971	64.9291		117.5611	0105326	67.0955	294.1287	16.08184646		4
4971U	84 45	A	84135.95102524	-	00088981	34440-4	00000 0 0		3
4971	64.9331		117.1051	0104910	67.4092	293.9059	16.08345157		6
4971U	84 45	A	84136.19973151	-	00688491	34017-4	34792-3 0		4
4971	64.9308		116.1861	0103421	66.9436	294.4414	16.08711892		10
4971U	84 45	A	84136.32402540		00509875	34533-4	25816-3 0		5
4971	64.9296		115.7276	0103202	67.1439	294.0241	16.08791104		12
4971U	84 45	A	84137.31828827		00544066	34484-4	26189-3 0		6
4971	64.9291		112.0573	0100083	66.7248	294.4613	16.09908546		28
4971U	84 45	A	84138.18770433		00674434	34581-4	30933-3 0		7
4971	64.9308		108.8398	0097244	66.2711	294.9243	16.10930362		42
4971U	84 45	A	84138.62218657		00221995	28116-4	28940-3 0		9
4971	64.9308		107.2342	0064931	51.1974	307.3730	16.02440999		49

4971U	84	45	A	84139.24659521	.00225811	29087-4	29141-3	0	10
4971	64.9321	104.9526	0064181	51.5975	309.0129	16.02686066			59
4971U	84	45	A	84139.30900857	.00215691	26997-4	27907-3	0	11
4971	64.9323	104.7257	0063726	51.7504	308.9399	16.02707944			60
4971U	84	45	A	84140.24487522	.00205324	25369-4	26005-3	0	12
4971	64.9308	101.3028	0063363	51.2747	309.3217	16.03083035			75
4971U	84	45	A	84141.30528016	.00241725	32805-4	29819-3	0	13
4971	64.9313	97.4223	0062205	50.9204	309.8994	16.03596357			92
1	14971U			84145.79207153	0.00268961	78858-5	29115-3	0	20
2	14971	64.9294	80.9642	0057257	47.7391	312.7911	16.06098104		164
4971U	84	45	A	84144.25730589	.00282675	76175-5	32141-3	0	16
4971	64.9291	86.4530	0058606	49.2923	311.3615	16.05211763			140
4971U	84	45	A	84146.22792367	.00288784	80385-5	30848-3	0	21
4971	64.9307	79.3627	0056718	43.2070	312.8874	16.06348206			171
4971U	84	45	A	84146.53919498	.00233747	30487-4	30848-3	0	22
4971	64.9316	78.2209	0068859	60.8236	297.9190	16.01757733			176
4971U	84	45	A	84147.22627556	.00218733	27608-4	28461-3	0	24
4971	64.9290	75.7121	0068237	61.1866	299.5856	16.02059021			187
4971U	84	45	A	84149.22332556	.00217038	27794-4	27088-3	0	28
4971	64.9295	68.4117	0066375	60.3601	300.4121	16.02922781			219
4971U	84	45	A	84149.78479577	.00218810	28111-4	27088-3	0	29
4971	64.9294	66.3577	0065545	59.4919	301.2902	16.03145323			228
4971U	84	45	A	84150.22144466	.00229973	30412-4	28008-3	0	30
4971	64.9299	64.7606	0065507	60.0928	300.7451	16.03387177			235

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4971U	84 45	A	84152.21677701	.00236188	77505-5	27435-3	0	32
4971	64.9316		57.4513 0063480	59.1590	301.6066	16.04332975		267
4971U	84 45	A	84156.14142010	.00343585	84803-5	35452-3	0	38
4971	64.9291		43.0453 0058774	58.1685	302.5443	16.06550005		330
4971U	84 45	A	84157.07495277	.00459836	86591-5	45522-3	0	39
4971	64.9297		39.6092 0057383	57.9276	302.8272	16.07224227		345
4971U	84 45	A	84157.19937384	.00361283	86820-5	35665-3	0	40
4971	64.9274		39.1521 0057525	57.6105	303.0211	16.07368175		347
4971U	84 45	A	84157.32380451	.00363333	85942-5	35665-3	0	41
4971	64.9283		38.6914 0057080	57.7899	302.8790	16.07500922		349
4971U	84 45	A	84157.32380451	.00363333	85942-5	35665-3	0	42
4971	64.9283		38.6914 0057080	57.7899	302.8790	16.07500922		349
4971U	84 45	A	84158.31858797	.00357877	89339-5	37342-3	0	43
4971	64.9289		35.0267 0055575	57.6106	303.1583	16.08307457		365
4971U	84 45	A	84159.06500479	.00429212	91457-5	39168-3	0	44
4971	64.9296		32.2754 0052977	56.8934	303.6442	16.08883507		377
4971U	84 45	A	84159.87292170	.00313316	93819-5	27951-3	0	46
4971	64.9266		29.2940 0053278	57.3548	302.8655	16.09313779		390
4971U	84 45	A	84160.30795627	.00291537	91160-5	25852-3	0	47
4971	64.9299		27.6876 0051715	56.6854	303.9436	16.09581601		397

49710	84	45	A	84160.68072390	.00160519	93745-5	14140-3	0	48
4971	04.9272	26.3069	0052452	56.1304	304.3740	16.09692361	403		
49710	84	45	A	84160.74287058	.00160792	93395-5	14140-3	0	49
4971	04.9262	26.0759	0051988	56.7432	303.8865	16.09768653	404		
49710	84	45	A	84161.23984719	.00260479	95080-5	22393-3	0	50
4971	04.9273	24.2427	0051687	55.9619	304.7454	16.10034019	412		
49710	84	45	A	84161.23984719	.00260479	95080-5	22393-3	0	51
4971	04.9273	24.2427	0051687	55.9619	304.7454	16.10034019	412		
49710	84	45	A	84162.35765570	.00271314	94170-5	22516-3	0	52
4971	04.9265	20.1083	0050093	54.9891	305.7751	16.10694903	430		
49710	84	45	A	84163.22679691	.00297037	99138-5	23842-3	0	53
4971	04.9261	16.8936	0045346	54.9548	305.7331	16.11228073	444		
49710	84	45	A	84163.28884657	.00205853	78593-5	23842-3	0	54
4971	04.9162	16.6665	0065017	79.8477	279.6753	16.04204767	445		
49710	84	45	A	84164.22407615	.00210356	80505-5	23988-3	0	55
4971	04.9277	13.2360	0064173	79.3834	281.2630	16.04537755	460		
49710	84	45	A	84164.22407615	.00210356	80505-5	23988-3	0	56
4971	04.9277	13.2360	0064173	79.3834	281.2630	16.04537755	460		
49710	84	45	A	84164.90965510	.00506638	80193-5	56605-3	0	57
4971	04.9294	10.7209	0063576	79.2801	281.6149	16.04814618	471		
49710	84	45	A	84165.09660179	.00321984	81115-5	35769-3	0	58
4971	04.9251	10.0348	0063637	79.1386	281.6609	16.04929730	474		
49710	84	45	A	84165.28353657	.00204494	79960-5	22728-3	0	59
4971	04.9267	9.3475	0063648	78.9750	281.8189	16.04980733	477		

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4971U	84 45	A	84166.21809444	1.00208128	81283-5	22706-3 0	60
4971	64.9262		5.9182 0062747	78.3028	282.4801	16.05361211	492
4971U	84 45	A	84167.09014545	1.00165946	82102-5	17891-3 0	62
4971	64.9258		2.7167 0061459	78.4440	282.3690	16.05735063	506
4971U	84 45	A	84167.21470572	1.00207272	84273-5	22131-3 0	63
4971	64.9259		2.2588 0061942	77.9361	282.8539	16.05777072	508
4971U	84 45	A	84168.21105778	1.00530434	84086-5	54793-3 0	64
4971	64.9228		358.5998 0060506	76.4473	284.5008	16.06327440	524
4971U	84 45	A	84168.83348603	1.00539723	84618-5	54793-3 0	65
4971	64.9226		356.3072 0058863	77.5797	282.8719	16.06775134	534
4971U	84 45	A	84169.14471462	1.00545078	86201-5	54793-3 0	66
4971	64.9252		355.1650 0058226	77.6824	282.9598	16.06992943	539
4971U	84 45	A	84169.39364586	1.00304888	86838-5	30584-3 0	67
4971	64.9245		354.2476 0058550	76.7023	283.8580	16.07035251	543
4971U	84 45	A	84170.20257652	1.00265581	87832-5	26076-3 0	68
4971	64.9251		351.2678 0057817	76.9281	283.7572	16.07446032	556
4971U	84 45	A	84170.63806459	1.00267919	87904-5	26076-3 0	69
4971	64.9275		349.6663 0057106	76.1823	284.5316	16.07654564	563
4971U	84 45	A	84171.88190729	1.00349077	90894-5	32275-3 0	71
4971	64.9254		345.0813 0055742	76.1852	284.7249	16.08512648	583

4971U	84 45	A	84172.25489054	.00340626	91174-5	31070-3 0	72
4971	64.9268	343.7059	0055225	75.9672	284.7576	16.08766028	589
4971U	84 45	A	84173.68423927	.00220103	94072-5	19332-3 0	74
4971	64.9255	338.4303	0053166	75.5075	285.0929	16.09592079	612
4971U	84 45	A	84174.11915746	.00174648	92211-5	15274-3 0	75
4971	64.9258	336.8218	0052214	75.0477	285.7198	16.09800654	619
4971U	84 45	A	84174.42975560	.00255057	96995-5	21850-3 0	76
4971	64.9246	335.6768	0052444	74.4706	286.2958	16.10001215	624
4971U	84 45	A	84175.85809095	.00200237	82747-5	21850-3 0	78
4971	64.9262	330.3958	0062351	91.7451	267.0506	16.05416482	647
4971U	84 45	A	84176.29446326	.00228211	83703-5	24521-3 0	80
4971	64.9233	328.7927	0062155	91.1833	269.6279	16.05643146	654
4971U	84 45	A	84177.29088495	.00239790	85688-5	25074-3 0	81
4971	64.9234	325.1312	0061315	90.8475	270.0435	16.06133547	670
4971U	84 45	A	84178.28697983	.00217523	87025-5	22347-3 0	82
4971	64.9234	321.4691	0060120	90.6328	270.0008	16.06549858	686
4971U	84 45	A	84179.34510518	.00222067	85504-5	22347-3 0	83
4971	64.9223	317.5756	0058684	89.8529	270.9259	16.07014988	703
4971U	84 45	A	84179.84292777	.00415272	12547-4	22347-3 0	84
4971	64.9126	315.7621	0035403	41.8802	322.8302	16.17855266	711
4971U	84 45	A	84180.21303056	.00425736	34684-4	22347-3 0	85
4971	64.9261	314.3476	0036193	40.1829	320.1482	16.18154466	717
4971U	84 45	A	84180.52202438	.00431413	34969-4	22347-3 0	86
4971	64.9254	313.1943	0035049	41.3558	318.9484	16.18465453	728

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971U	E4	45	A	84180.76918045	•00441259	35367-4	22347-3	0	87
971	E4.9253	312.2716	0035232	40.1285	320.2668	16.18729622			726
4971U	84	45	A	84181.32512633	•00502289	35358-4	24517-3	0	88
4971	64.9243	310.1922	0033926	39.7280	320.7085	16.19291246			735
4971U	84	45	A	84182.25124744	•00499866	35082-4	22716-3	0	89
4971	64.9251	306.7185	0032810	38.8576	322.3058	16.20270699			750
4971U	84	45	A	84182.68322950	•00407703	35049-4	22716-3	0	90
4971	64.9277	305.1071	0046390	43.3613	315.1896	16.16395300			757
4971U	84	45	A	84182.74543102	•00356179	34584-4	19262-3	0	91
4971	64.9258	304.8891	0049802	39.8747	320.5457	16.16390723			758
4971U	84	45	A	84183.30221088	•00386330	34062-4	19262-3	0	92
4971	64.9272	302.7919	0048957	39.6450	320.9821	16.16833231			767
4971U	84	45	A	84184.29164110	•00386334	35219-4	19262-3	0	93
4971	64.9241	299.0971	0047154	38.0528	322.6269	16.17691820			783
4971U	84	45	A	84184.84791739	•00518940	35326-4	24894-3	0	94
4971	64.9253	297.0165	0045946	38.0567	322.5040	16.18261186			792
4971U	84	45	A	84184.97149069	•00523011	35051-4	24894-3	0	95
4971	64.9221	296.5543	0046079	36.7946	323.6034	16.18338727			794
4971U	E4	45	A	84185.21866248	•00533656	35225-4	24854-3	0	96
4971	E4.9237	295.6300	0045744	37.1818	323.2581	16.18618873			798

1971U	E4 45	A	84185.71286607	.0052824	34613-4	25077-3	0	57
1971	€4.9250	293.7792	0044734	37.0202	323.2558	16.19086857		806
1971U	E4 45	A	84185.55954218	.00527805	35081-4	25077-3	0	58
1971	€4.9187	292.8593	0039365	37.1476	323.2859	16.19318776		810
1971U	E4 45	A	84186.33044290	.00452576	34907-4	21800-3	0	99
1971	€4.9227	291.4659	0042100	36.3153	323.9589	16.19678575		816
1971U	E4 45	A	84186.82424583	.00428838	34705-4	18499-3	0	100
1971	€4.9219	289.6152	0042438	35.0679	325.3826	16.20224459		824
1971U	E4 45	A	84187.0050061	.00631259	35642-4	26005-3	0	101
1971	€4.9218	288.9168	0042196	34.1188	326.2527	16.20456237		827
1971U	E4 45	A	84187.13292177	.00407897	35093-4	16751-3	0	102
1971	€4.9230	288.4552	0042220	33.4668	326.9028	16.20556060		829
1971U	E4 45	A	84187.25634425	.00515364	35010-4	21177-3	0	103
1971	€4.9253	287.9908	0041724	35.5490	324.8191	16.20675247		831
1971U	E4 45	A	84187.82654878	.00188590	79216-5	21177-3	0	104
1971	€4.9243	286.6103	0058344	113.3474	241.6901	16.05489992		837
1971U	E4 45	A	84187.88582476	.00058291	00000-0	€5215-4	0	105
1971	€4.9244	286.3789	0058362	113.0703	247.6538	16.05480105		838
14971U	E4 45	A	84188.25043852	.00074000	00000-0	82142-4	0	106
14971	€4.9182	284.3192	0057517	112.9176	247.9483	16.05668603		847
14971U	E4 45	A	84188.53551837	.00211198	81096-5	23078-3	0	107
14971	€4.9211	281.8017	0057359	112.6126	248.4011	16.05586634		858
14971U	E4 45	A	84189.24661456	.00206796	79072-5	22458-3	0	108
14971	€4.9221	280.6573	0058858	112.2760	248.4286	16.06109730		863

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14971U	84 45	A	84189.55813998	.00206887	78670-5	22498-3	C	105
14971	64.9239	279.5105	0055820	112.1031	248.5560	16.06235442		868
14971U	84 45	A	84190.24296469	.00155503	79785-5	21278-3	0	110
14971	64.9211	276.9934	0055376	112.1783	248.5099	16.06508527		875
14971U	84 45	A	84191.23886821	.00205136	81919-5	21423-3	0	111
14971	64.9211	273.3312	0054968	111.2755	249.4550	16.06926604		895
14971U	84 45	A	84192.23449158	.00209494	83231-5	21423-3	0	113
14971	64.9200	269.6654	0053826	110.9087	249.7916	16.07358142		911
14971U	84 45	A	84194.16276031	.00211871	84968-5	20769-3	0	115
14971	64.9216	262.5615	0051803	110.4174	250.2340	16.08192005		942
14971U	84 45	A	84195.28195264	.00191785	84579-5	18449-3	0	116
14971	64.9213	258.4335	0050005	109.9958	250.7348	16.08674546		960
14971U	84 45	A	84195.84141196	.00461181	84390-5	43164-3	0	117
14971	64.9166	256.3700	0049019	109.2187	251.5924	16.09065606		969
14971U	84 45	A	84196.02783155	.0046238	83366-5	43164-3	0	1186
14971	64.9092	255.6831	0048084	109.4684	251.1464	16.09199475		972
14971U	84 45	A	84196.08998175	.00461890	84227-5	43164-3	0	119
14971	64.9214	255.4510	0048357	109.7798	250.8440	16.09157568		973
14971U	84 45	A	84196.27642152	.00252847	86747-5	23487-3	0	120
14971	64.9155	254.7614	0048708	110.0418	250.5843	16.09270309		976

149710	34 45	A	84196.52499342	.00365647	87589-5	33507-3 0	121
14971	64.9203	253.8433	0048165	109.9248	250.7640	16.09478614	980
149710	34 45	A	84196.83564568	.00393828	85495-5	35900-3 0	122
14971	64.9173	252.6976	0047392	108.6096	251.9358	16.09625915	985
149710	34 45	A	84196.83566083	.00367575	86553-5	33507-3 0	123
14971	64.9165	252.6978	0047427	108.5436	252.0895	16.09629394	985
149710	34 45	A	84196.83564568	.00220759	87945-5	20229-3 0	124
14971	64.9192	252.6930	0047684	109.7190	250.8360	16.09592044	985
149710	34 45	A	84196.83565995	.00320911	86801-5	29295-3 0	125
14971	64.9168	252.6974	0047433	108.7059	251.9233	16.09622365	985
149710	34 45	A	84198.28436584	.00248661	90660-5	21599-3 0	128
14971	64.9187	247.4155	0046741	109.0832	251.4743	16.10317187	1008
149710	34 45	A	84198.63697567	.00248446	88841-5	21560-3 0	129
14971	64.9190	246.0381	0046089	108.2902	252.3407	16.10508868	1014
149710	34 45	A	84198.63697567	.00248446	88841-5	21560-3 0	130
14971	64.9190	246.0381	0046089	108.2902	252.3407	16.10508868	1014
149710	34 45	A	84198.63697567	.00248446	88841-5	21560-3 0	131
14971	64.9190	246.0381	0046089	108.2902	252.3407	16.10508868	1014
149710	34 45	A	84199.25788703	.00240223	91024-5	20531-3 0	132
14971	64.9177	243.7374	0045273	108.5721	252.0474	16.10813363	1024
149710	34 45	A	84199.75452983	.00688503	89927-5	157513-3 0	133
14971	64.9164	241.8995	0043898	106.1789	254.4870	16.11175836	1032
149710	34 45	A	84200.18893532	.00214976	90143-5	17949-3 0	134
14971	64.9180	240.2910	0043735	107.5920	252.6008	16.11310577	1039

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9710	84	45	A	84200.25107033	00255427	89979-5	21220-3	0	135
971	84	9178		240.0607 0043653	107.9814	252.6261	16.11362845		1040
9710	84	45	A	84201.11984350	00176348	94347-5	14277-3	0	136
971	84	9187		236.8398 0043415	106.8423	253.8518	16.11811654		1054
9710	84	45	A	84201.24391813	00250281	92470-5	20055-3	0	137
971	84	9175		236.3805 0043328	107.7600	252.8553	16.11901020		1056
149710	84	45	A	84202.11240189	00197267	97793-5	15460-3	0	138
14971	84	9173		233.1603 0042561	107.2271	253.4104	16.12326556		1070
149710	84	45	A	84202.17441912	00228696	95496-5	17860-3	0	139
14971	84	9180		232.9301 0042330	107.4226	253.1712	16.12369631		1071
149710	84	45	A	84202.42250926	00354861	95430-5	27297-3	0	140
14971	84	9197		232.0074 0042121	107.9861	252.6169	16.12542590		1075
149710	84	45	A	84202.67056561	00106728	00000-0	81726-4	0	141
14971	84	9177		231.0872 0041837	107.2965	253.2163	16.12602816		1079
149710	84	45	A	84202.98065188	00256934	96981-5	19591-3	0	142
14971	84	9201		229.9321 0041204	105.6764	254.9724	16.12792645		1084
149710	84	45	A	84204.22060553	00249049	10154-4	18140-3	0	144
14971	84	9197		225.3367 0041364	106.9345	253.7318	16.13407958		1104
149710	84	45	A	84204.53050110	00249764	10055-4	18140-3	0	145
14971	84	9206		224.1839 0040321	107.6126	252.9031	16.13546443		1109

14971U	84 45	A	84204.90236720	00250657	96219-5	18140-3 0	146
14971	84.9207		222.8027 0038874	106.3399	254.1886	16.13727239	1115
14971U	84 45	A	84205.15025297	00255485	10459-4	18140-3 0	147
14971	84.9091		221.8621 0040711	108.2758	252.2707	16.13814770	1119
14971U	84 45	A	84206.21222459	00213004	10283-4	15233-3 0	148
14971	84.9191		221.6492 0039708	106.7076	253.8297	16.13840364	1120
14971U	84 45	A	84205.46009435	00165086	86859-5	15233-3 0	149
14971	84.9211		220.7315 0049364	85.3787	273.2653	16.09366548	1124
14971U	84 45	A	84205.46009435	00165086	86859-5	15233-3 0	150
14971	84.9211		220.7315 0049364	85.3787	273.2653	16.09366548	1124
14971U	84 45	A	84206.20608025	00161712	87747-5	14728-3 0	151
14971	84.9184		217.9774 0048920	85.1414	275.5122	16.09605514	1130
14971U	84 45	A	84207.26221063	00192488	89234-5	17097-3 0	152
14971	84.9190		214.0717 0047741	84.4234	276.5004	16.10051494	1153
14971U	84 45	A	84208.06956761	00198210	90446-5	17229-3 0	154
14971	84.9177		211.0882 0047403	83.9346	276.7303	16.10386296	1160
14971U	84 45	A	84208.25586690	00194631	89880-5	16869-3 0	155
14971	84.9180		210.3959 0047135	84.1002	276.5574	16.10457440	1169
14971U	84 45	A	84208.93886727	00226617	92196-5	19234-3 0	156
14971	84.9165		207.8691 0046658	83.2944	277.4428	16.10777338	1180
14971U	84 45	A	84209.24930101	00208966	92042-5	17649-3 0	157
14971	84.9175		206.7202 0046306	83.9703	276.6487	16.10894900	1185
14971U	84 45	A	84210.18042223	00208106	93999-5	17150-3 0	158
14971	84.9165		203.2724 0045819	83.1910	277.4511	16.11288933	1200

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14971U	84 45	A	84210.49074333	.00428132	95892-5	34544-3	0	159
14971	84.9160		202.1178 0045456	81.4255	279.2502	16.11468383		1205
14971U	84 45	A	84210.67690622	.00300949	94063-5	24341-3	0	160
14971	84.9160		201.4326 0045104	82.2893	278.3431	16.11570105		1208
14971U	84 45	A	84211.29739661	.00253634	97645-5	20187-3	0	161
14971	84.9165		199.1311 0044516	82.6826	277.8532	16.11876693		1218
14971U	84 45	A	84212.22794020	.00219250	99397-5	17028-3	0	162
14971	84.9160		195.6815 0044085	82.4105	278.0827	16.12280381		1233
14971U	84 45	A	84213.03424520	.00135611	99797-5	10338-3	0	163
14971	84.9182		192.6901 0044020	80.6259	280.1002	16.12643463		1246
14971U	84 45	A	84213.15825422	.00231556	98646-5	17465-3	0	164
14971	84.9166		192.2297 0043452	81.5357	278.7165	16.12745255		1248
14971U	84 45	A	84214.21226866	.00243128	10226-4	17658-3	0	165
14971	84.9175		188.3182 0043130	81.6520	279.0430	16.13274683		1265
14971U	84 45	A	84214.46020587	.00342811	10338-4	24462-3	0	166
14971	84.9191		187.3962 0042875	81.2416	279.4398	16.13496155		1269
14971U	84 45	A	84215.57558285	.00362261	11043-4	24513-3	0	168
14971	84.9181		183.2505 0041769	80.6336	279.9538	16.14315365		1287

14971U	84 45	A	84216.31888244	.00371466	11290-4	24268-3 0	169
14971	64.9191	180.4851	0041121	81.0342	279.6074	16.14844032	1299
14971U	84 45	A	84216.99999688	.00220816	11259-4	14195-3 0	170
14971	64.9182	177.9467	0040018	79.7398	280.7109	16.15233283	1310
14971U	84 45	A	84217.24766992	.10272375	11137-4	64374-2 0	171
14971	64.9181	177.0269	0037915	81.4802	279.1865	16.15604532	1314
14971U	84 45	A	84217.24766992	.10272375	11137-4	64374-2 0	172
14971	64.9181	177.0269	0037915	81.4802	279.1865	16.15604532	1314
14971U	84 45	A	84217.86665376	.00173707	11759-4	10719-3 0	173
14971	64.9331	174.7369	0039147	81.1198	279.6267	16.15904198	1324
14971U	84 45	A	84218.23794479	.00532698	11854-4	31605-3 0	174
14971	64.9173	173.3323	0038446	81.7317	279.0599	16.16336143	1330
14971U	84 45	A	84219.10394582	.00479733	12125-4	27215-3 0	175
14971	64.9129	170.0956	0037203	80.7108	279.8674	16.17040627	1344
14971U	84 45	A	84219.22762644	.00432753	12272-4	24428-3 0	176
14971	64.9154	169.6352	0036953	80.6320	279.8944	16.17137360	1346
14971U	84 45	A	84220.27873664	.00448260	35031-4	24090-3 0	178
14971	64.9162	165.7073	0035905	80.4869	280.1224	16.17916945	1363
14971U	84 45	A	84221.08215741	.00282351	34653-4	18796-3 0	180
14971	64.9193	162.7016	0055936	76.7875	282.8219	16.13054750	1376
14971U	84 45	A	84221.20634175	.00206627	84109-5	18796-3 0	181
14971	64.9141	162.2426	0043877	77.8007	282.7126	16.10089344	1378

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14971U	84 45	A	84222.26213592	.00243634	87000-5	21503-3	0	182
14971	64.9153	158.3357	0042946	77.8193	282.8555	16.10587029		1395
14971U	84 45	A	84223.19339850	.00241615	88644-5	20712-3	0	183
14971	64.9147	154.8890	0042547	77.5399	283.0327	16.11039532		1410
14971U	84 45	A	84224.24853296	.00255675	90051-5	21166-3	0	184
14971	64.9149	150.9792	0041712	77.5175	283.1985	16.11601664		1427
14971U	84 45	A	84225.30326345	.00264799	93390-5	21166-3	0	185
14971	64.9152	147.0677	0040890	77.8221	282.7863	16.12165226		1444
14971U	84 45	A	84227.90745023	.00268016	98081-5	19530-3	0	190
14971	64.9142	137.4017	0039056	77.6957	282.7909	16.13609500		1486
14971U	84 45	A	84229.58025046	.00339876	10206-4	23074-3	0	193
14971	64.9137	131.1779	0036924	77.6056	282.9014	16.14734237		1513
14971U	84 45	A	84231.19003579	.00321776	10920-4	20420-3	0	195
14971	64.9141	125.1814	0035462	77.1809	283.3361	16.15772698		1539
14971U	84 45	A	84232.05640896	.00256648	10781-4	20420-3	0	196
14971	64.9136	121.9514	0058387	73.1673	284.8443	16.10306374		1553
14971U	84 45	A	84232.24335533	.01638984	86720-5	15513-2	0	197
14971	64.9161	121.2618	0051838	72.8697	287.7985	16.08545737		1556

14971U	84 45	A	84232.24335803	.01632791	86553-5	15513-2 0	198
14971	64.9193		121.2670 0051113	72.7694	287.9164	16.08571917	1556
14971U	84 45	A	84232.36727794	.00175537	83985-5	17072-3 0	199
14971	64.9128		120.8061 0050580	73.2867	284.9005	16.08470883	1558
14971U	84 45	A	84233.23808121	.00179025	86087-5	17072-3 0	200
14971	64.9127		117.5911 0049946	73.7309	286.9902	16.08819171	1572
14971U	84 45	A	84234.17040540	.00208507	88381-5	19430-3 0	201
14971	64.9127		114.1491 0049059	73.8228	286.9512	16.09218982	1587
14971U	84 45	A	84235.28888707	.00187053	86676-5	16983-3 0	202
14971	64.9118		110.0153 0048743	73.3806	287.2954	16.09637203	1605
14971U	84 45	A	84236.09650295	.00184551	91008-5	16488-3 0	203
14971	64.9129		107.0317 0048294	74.1143	286.4750	16.09920565	1618
14971U	84 45	A	84236.28286799	.00182393	89494-5	16226-3 0	204
14971	64.9134		106.3409 0048248	73.5383	287.1000	16.09985390	1621
14971U	84 45	A	84237.27662438	.00215862	93010-5	18617-3 0	206
14971	64.9130		102.6611 0048148	72.4392	288.2272	16.10405646	1637
14971U	84 45	A	84237.27662438	.00215862	93010-5	18617-3 0	207
14971	64.9130		102.6611 0048148	72.4392	288.2272	16.10405646	1637
14971U	84 45	A	84238.20935673	.00200693	23804-4	27497-3 0	209
14971	64.9116		99.2241 0067606	106.7928	254.1028	16.01367047	1652
14971U	84 45	A	84238.77137270	.00125752	13615-4	17234-3 0	210
14971	64.9124		97.1720 0067186	107.2669	253.5184	16.01512749	1661

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forts. 8

14971U	84 45	A	84241.14377777	.00191490	22567-4	25122-3	0	219
14971	64.9102		88.5018	0065918	106.2465	254.5069	16.02244704	1699
14971U	84 45	A	84243.20310315	.00176906	20545-4	22367-3	0	221
14971	64.9108		80.9677	0064710	105.3562	255.4731	16.02965396	1732
14971U	84 45	A	84244.20121747	.00170523	19869-4	21205-3	0	222
14971	64.9109		77.3143	0064151	104.7272	255.9993	16.03293271	1748
14971U	84 45	A	84245.32387271	.00173484	20338-4	21205-3	0	223
14971	64.9117		73.2006	0063002	104.0096	256.8241	16.03686623	1766
14971U	84 45	A	84245.76037661	.00330303	55906-4	39775-3	0	224
14971	64.9100		71.5977	0062779	103.9827	256.9046	16.03854966	1773
14971U	84 45	A	84245.94743772	.00314418	51294-4	37627-3	0	225
14971	64.9127		70.9162	0062730	103.7747	257.0146	16.03957190	1776
14971U	84 45	A	84246.19683204	.00151090	17313-4	18257-3	0	226
14971	64.9110		70.0015	0062259	103.3618	257.3612	16.03977530	1780
14971U	84 45	A	84247.19434788	.00195489	24295-4	23169-3	0	228
14971	64.9121		66.3426	0061156	102.4676	258.4564	16.04352196	1796
14971U	84 45	A	84248.19156609	.00155237	76576-5	18073-3	0	229
14971	64.9121		62.6834	0060514	102.0456	258.6866	16.04734946	1812

14971U	84 45	A	84248.25389710	.00181674	77235-5	21076-3 0	230	
14971	64.9121		62.4561	0060637	102.2539	258.5388	16.04741558	1813
14971U	84 45	A	84250.80791576	.00241250	79920-5	26031-3 0	234	
14971	64.9139		53.0742	0057652	100.3658	260.4641	16.06114201	1854
14971U	84 45	A	84253.29782851	.00197414	83115-5	20272-3 0	237	
14971	64.9097		43.9093	0055701	98.6170	262.1150	16.07093468	1894
14971U	84 45	A	84253.92007188	.00200891	83533-5	20389-3 0	238	
14971	64.9093		41.6152	0054495	98.3704	262.4839	16.07398008	1904
14971U	84 45	A	84254.10569516	.00223813	83020-5	22552-3 0	239	
14971	64.9105		40.9292	0054505	98.0302	262.6979	16.07482135	1907
14971U	84 45	A	84254.79098554	.00151086	76472-5	22552-3 0	240	
14971	64.9167		38.4166	0104240	120.5508	232.7660	15.94811831	1913
14971U	84 45	A	84254.85505777	.00099982	85773-5	22552-3 0	241	
14971	64.9106		38.1887	0085010	112.7030	247.4673	15.91225690	1919
14971U	84 45	A	84255.86073312	.00083603	74564-5	18761-3 0	243	
14971	64.9111		34.5693	0084588	112.5224	248.4696	15.91427341	1935
14971U	84 45	A	84257.30594761	-.05486143	15879-0	18453-1 0	246	
14971	64.9100		29.3669	0083675	112.1083	248.6599	15.91911340	1958
14971U	84 45	A	84257.36878610	-.05043247	15196-0	18453-1 0	247	
14971	64.9075		29.1382	0083362	111.5597	249.2381	15.91718119	1959
14971U	84 45	A	84257.49445916	.00476678	79371-1	14935-1 0	248	
14971	64.9157		28.6918	0084139	111.3912	249.4517	15.91904204	1961

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forts. 9

14971U	84 45	A	84257.99577457	.00083589	76681-5	18600-3 0	249
14971	64.9108		26.8808 0083124	110.8245	242.4753	15.91773991	1969
14971U	84 45	A	84258.24842766	.00082211	74720-5	18188-3 0	250
14971	64.9108		25.9728 0083516	111.0511	249.9642	15.91819697	1973
14971U	84 45	A	84260.76116959	.00082908	76050-5	18078-3 0	255
14971	64.9145		16.9199 0082344	109.3590	251.6820	15.92216775	2013
14971U	84 45	A	84262.26851907	.00067209	67651-5	14657-3 0	257
14971	64.9110		11.4890 0081543	108.6191	252.3286	15.92408013	2037
14971U	84 45	A	84263.21053170	.00066160	66330-5	14330-3 0	258
14971	64.9109		8.0928 0081477	108.1259	252.8591	15.92533503	2052
14971U	84 45	A	84264.27804929	.00066479	67729-5	14330-3 0	259
14971	64.9096		4.2413 0080749	107.2011	253.8426	15.92714446	2069
14971U	84 45	A	84264.84314439	.00066670	67644-5	14330-3 0	260
14971	64.9100		2.2033 0080225	107.0456	254.0115	15.92829350	2078
14971U	84 45	A	84265.28262864	.00082613	77605-5	17588-3 0	261
14971	64.9108		0.6186 0080185	106.7255	254.2910	15.92909903	2085
14971U	84 45	A	84266.28709915	.00082075	76337-5	17339-3 0	262
14971	64.9106		356.9951 0079904	106.2473	254.7315	15.93075575	2101

14971U 84 45 A 84266.28709915 .00082075 76337-5 17339-3 0 262

~~14971 64.9106 356.9951 0079904 106.2473 254.7315 15.93075575 2101~~

14971U 84 45 A 84267.22870201 .00082429 77071-5 17339-3 0 263

14971 64.9105 353.5953 0079333 105.3266 255.6340 15.93221838 2116

14971U 84 45 A 84267.22870800 .00084775 78373-5 17789-3 0 264

~~14971 64.9112 353.5966 0079486 105.5951 255.4071 15.93231649 2116~~

14971U 84 45 A 84272.31120444 .00080552 77838-5 16209-3 0 272

~~14971 64.9108 335.2371 0076616 102.6130 258.2776 15.94324137 2197~~

~~14971U 84 45 A 84273.25208223 .00088868 83097-5 17676-3 0 273~~

14971 64.9103 331.8378 0076420 102.0294 259.0080 15.94504335 2212

14971U 84 45 A 84274.25553652 .00084263 80896-5 16649-3 0 274

~~14971 64.9094 328.2095 0076111 101.6894 259.2550 15.94673648 2228~~

14971U 84 45 A 84277.89223381 .00117438 10736-4 22504-3 0 278

14971 64.9091 315.0470 0074217 99.3005 261.7166 15.95316760 2286

14971U 84 45 A 84278.20566532 .00097402 90969-5 18651-3 0 280

~~14971 64.9097 313.9132 0074291 99.6112 261.3783 15.95372684 2291~~

~~14971U 84 45 A 84279.27125119 .00086192 83783-5 16411-3 0 281~~

14971 64.9108 310.0545 0073949 98.8760 261.9977 15.95552305 2308

14971U 84 45 A 84280.21140107 .00065225 72138-5 12458-3 0 282

~~14971 64.9098 306.6492 0073353 98.1646 262.7697 15.95695112 2323~~

14971U 84 45 A 84281.96605509 .00136793 12845-4 25270-3 0 284

~~14971 64.9077 300.2913 0072403 97.0742 263.9810 15.96110071 2351~~

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Kosmos 1552 forts. 10

14971U	84 45	A	84282.15399593	.00111038	10414-4	20519-3	0	285
14971	64.9091	299.6100	0072607	97.3653	263.5060	15.96132789	2354	
14971U	84 45	A	84283.90817228	.00105511	98871-5	19221-3	0	287
14971	64.9079	293.2494	0071587	96.2465	264.6711	15.96503367	2382	
14971U	84 45	A	84284.72251205	.00090808	88738-5	16481-3	0	289
14971	64.9094	290.2958	0071309	95.7063	265.3677	15.96650837	2395	
14971U	84 45	A	84284.91039254	.00098362	93124-5	17763-3	0	290
14971	64.9085	289.6149	0071427	96.0036	264.9263	15.96687592	2398	
14971U	84 45	A	84284.91039254	.00098362	93124-5	17763-3	0	291
14971	64.9085	289.6149	0071427	96.0036	264.9263	15.96687592	2398	
14971U	84 45	A	84291.04612071	.00101919	99803-5	17386-3	0	300
14971	64.9083	267.3333	0068648	92.5220	268.3720	15.97946195	2496	
14971U	84 45	A	84292.04740629	.00102537	10055-4	17293-3	0	301
14971	64.9093	263.6955	0068384	92.2360	268.6250	15.98160153	2512	
1	14971U	84 45	A	84293.61168589	.00132814	12837-4	22010-3	0 303
2	14971	64.9074	258.0007	0066681	91.2121	269.8678	15.98576482	2537
1	14971U	84 45	A	84293.92444494	.00157150	15850-4	25791-3	0 304
2	14971	64.9069	256.8663	0066785	90.9981	269.8978	15.98685033	2542

1	14971U	84 45	A	84294.86269615	.00159858	16177-4	25798-3	0	305
2	14971	64.9071		253.4540 0066463	90.5060	270.3714	15.98987283		2557
1	14971U	84 45	A	84295.05032566	.00095615	97178-5	15504-3	0	306
2	14971	64.9123		252.7761 0066913	90.1655	270.6751	15.98991100		2560
1	14971U	84 45	A	84295.48813075	.00090763	93446-5	14723-3	0	307
2	14971	64.9068		251.1761 0065831	89.9721	271.0029	15.99133719		2567
	4971U	84 45	A	84297.23893566	.00120489	11964-4	18947-3	0	309
	4971	64.9086		244.7993 0065074	89.1389	271.8276	15.99633577		2595
	4971U	84 45	A	84298.98920228	.00140315	14203-4	21493-3	0	312
	4971	64.9072		238.4218 0064116	88.2534	272.7028	16.00124131		2623
	4971U	84 45	A	84299.92660350	.00143346	14749-4	21651-3	0	313
	4971	64.9079		235.0045 0063664	87.9714	272.8958	16.00398109		2638
	4971U	84 45	A	84300.48897353	.00095080	99701-5	14365-3	0	314
	4971	64.9101		232.9498 0063467	87.0826	273.7119	16.00527552		2647
	14971U	84 45	A	84302.98780802	.00127853	13235-4	18616-3	0	317
	14971	64.9079		223.8326 0062036	86.3639	274.4409	16.01191408		2687
	14971U	84 45	A	84303.98705542	.00132841	13895-4	19058-3	0	318
	14971	64.9078		220.1822 0061571	85.9171	274.9127	16.01468582		2703
	4971U	84 45	A	84305.04856424	.00144022	15207-4	20281-3	0	319
	4971	64.9078		216.3059 0061144	85.5027	275.3937	16.01786568		2720
	14971U	84 45	A	84306.42196326	.00135400	14295-4	18775-3	0	322
	14971	64.9083		211.2831 0060110	84.3553	276.4477	16.02161670		2742

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4973U	84	46	A	84138.67255305	.00000006	00000-0	00000	0	0	1
4973	82.9462	124.3806	0024520	314.1841	45.7300	13.74293106				0
4973U	84	46	A	84138.67253626	.00000006	00000-0	00000	0	0	2
4973	82.9359	124.3903	0046619	300.7643	58.8993	13.76724093				0
4973U	84	46	A	84138.74533428	.00000006	00000-0	00000	0	0	3
4973	82.9331	124.3340	0031048	294.3664	65.4020	13.73925132				1

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(GLONASS) Kosmos 1554-56

1	14977U		84	141.97962376	0.00000011		10000-3	0		1
2	14977	64.8084	114.0119	0007170	289.3381	70.5495	2.12989834			4
4977U	84 47	A	84	152.37538419	0.00000011	00000-0	00000	0 0		9
4977	64.7721	113.4249	0044166	75.0694	285.4709	2.11286621				26
4978U	84 47	B	84	152.33875558	0.00000011	00000-0	00000	0 0		16
4978	64.8468	113.6754	0001656	65.3438	294.6375	2.12704656				26
4979U	84 47	C	84	151.37346485	0.00000011	00000-0	00000	0 0		12
4979	64.8053	113.6945	0005438	269.3104	90.5954	2.12913726				517
4980U	1984-047	84	141.72593150	0.04002326	59129-4	41004-3	0			8
4980	51.6317	108.5482	0006445	268.1477	91.8811	16.37022331				18

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Kosmos 1557

Ned-4 jun
84

1	14982U		84143.90393620	0.00051329			33362-4 0	2
2	14982	82.3346	33.4570	0027643	103.4270	257.1895	16.16333032	9

1	14982U		84144.27536780	0.00167540	-17456-5		10788-3 0	3
2	14982	82.3295	33.0138	0027649	101.4010	259.0837	16.16445756	15

1	14982U		84145.88391205	0.00125002			71477-4 0	6
2	14982	82.3288	31.1274	0021597	91.2990	268.8995	16.18445015	41
1	14982U		84145.94577264	0.00342903	-17587-5		19441-3 0	7
2	14982	82.3302	31.0557	0021435	90.8985	269.5140	16.18559170	42

4982U	84 48	A	84146.25487580	00174966	00000-0	98830-4 0	8
4982	82.3312		30.6878 0021519	89.7248	270.5292	16.18613966	47
4982U	84 48	A	84147.24397457	00258596	-19765-5	14235-3 0	9
4982	82.3297		29.5231 0021050	87.7050	272.6454	16.18960897	63
4982U	84 48	A	84147.24397457	00258596	-19765-5	14235-3 0	10
4982	82.3297		29.5231 0021050	87.7050	272.6454	16.18960897	63
4982U	84 48	A	84149.22150408	00173118	00000-0	90713-4 0	14
4982	82.3295		27.1953 0020672	80.0911	280.2562	16.19641404	95
4982U	84 48	A	84149.77753582	00175456	00000-0	90713-4 0	15
4982	82.3287		26.5424 0020385	77.3875	282.9872	16.19830571	104
4982U	84 48	A	84150.08640578	00152151	00000-0	90713-4 0	16
4982	82.3321		26.1775 0023939	98.8362	260.8119	16.17752745	109
4982U	84 48	A	84150.08640578	00152151	00000-0	90713-4 0	17
4982	82.3321		26.1775 0023939	98.8362	260.8119	16.17752745	109
4982U	84 48	A	84150.76692042	00310968	-17939-5	18147-3 0	18
4982	82.3306		25.3785 0023782	93.5673	266.9648	16.18034436	120
4982U	84 48	A	84150.82874315	00321318	-18474-5	18147-3 0	19
4982	82.3334		25.3038 0023917	89.7139	270.6653	16.18040865	121
4982U	84 48	A	84151.26163155	00172939	00000-0	99894-4 0	20
4982	82.3307		24.7936 0023574	93.5001	266.8426	16.18196158	128
4982U	84 48	A	84152.31280061	00164309	00000-0	92642-4 0	21
4982	82.3302		23.5571 0023223	89.3529	270.9807	16.18535404	145

8449A

Spacenet 1

1	14985U		A	84146.04791023	0.00009131		11873-2	0	3
2	14985	7.0530		75.5423	7295499	180.2479	178.9662	2.28068295	6
4	985U	84	49	A	84146.92201522	0.00008878	00000-0	11873-2	0
4	985	7.0459		75.5242	7294932	180.6361	176.6595	2.28082356	8
4	985U	84	49	A	84147.59159123	0.00000035	00000-0	99999-4	0
4	985	0.3096			270.2009	0102333	108.3725	341.8133	0.99410718
4	985U	84	49	A	84149.59467551	0.00000042	00000-0	00000	0
4	985	0.0577			349.7112	0068118	16.0390	355.0294	0.99467462

1	14989U		P	84145.17529596	0.00352252	16637-4	58572-2	0	3
2	14989	6.8730		76.6169	7307730	178.8148	187.1593	2.29697848	4

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4993U	84 50	A	84146.59365781	-	00004103	28428-4	00000	0 0	1
4993	67.1599		42.0725	0095511	94.5746	266.6370	16.15880843		2
4993U	84 50	A	84146.65555516	-	00004093	28243-4	00000	0 0	2
4993	67.1581		41.8618	0094976	94.3473	266.8721	16.15891785		3
4993U	84 50	A	84146.84124367	-	00004120	28431-4	00000	0 0	3
4993	67.1553		41.2272	0094468	94.4910	266.8910	16.16220139		6
4993U	84 50	A	84147.02686547	-	00004109	28326-4	00000	0 0	4
4993	67.1612		40.5933	0093491	94.4723	266.9176	16.16620396		9
4993U	84 50	A	84147.21243810	-	00004136	28612-4	00000	0 0	5
4993	67.1517		39.9561	0093283	93.7589	267.5455	16.16915293		12
4993U	84 50	A	84147.21241791	-	00004143	28586-4	00000	0 0	6
4993	67.1545		39.9576	0092997	93.4133	267.7657	16.16904782		12
4993U	84 50	A	84147.39798118	-	00456746	27921-4	18732-3	0	8
4993	67.1665		39.3370	0127432	79.5208	277.1466	16.06443277		15
4993U	84 50	A	84149.14100560	-	00610003	27974-4	22801-3	0	13
4993	67.1573		33.4493	0121565	78.0624	283.4746	16.08513155		43

14993U	84 50	A	84149.762686E7	00592801	27830-4	21498-3 0	14
14993	67.1557		31.3464 0119246	77.8531	283.7786	16.09271485	53
4993U	84 50	A	84150.13551034	00701552	27689-4	24779-3 0	15
4993	67.1571		30.0885 0117736	77.0910	284.4219	16.09818590	59
14993U	84 50	A	84150.13549623	00689939	27874-4	24337-3 0	16
14993	67.1577		30.0883 0117837	77.2368	284.2943	16.09812636	59
4993U	84 50	A	84150.75663056	00724564	28234-4	24337-3 0	17
4993	67.1519		27.9828 0115664	78.8858	282.4743	16.10562101	69
4993U	84 50	A	84151.315406E2	00688287	27882-4	22697-3 0	18
4993	67.1573		26.0924 0113016	75.8432	285.6010	16.11416209	78
4993U	84 50	A	84151.93591154	00743833	28265-4	23638-3 0	19
4993	67.1535		23.9821 0110082	76.2939	286.1219	16.12342767	88
4993U	84 50	A	84152.30802EE6	00713591	28665-4	21898-3 0	20
4993	67.1561		22.7215 0109158	74.6556	286.6172	16.12861466	94
4993U	84 50	A	84156.2756E353	00643756	27711-4	22058-3 0	28
4993	67.1520		9.2137 010912E	83.1515	278.20E2	16.11780687	15E
4993U	84 50	A	84157.20E32910	006E3666	28042-4	2227E-3 0	29
4993	67.1512		6.0544 0104952	82.15E1	279.3557	16.130E3402	173
4993U	84 50	A	84157.9500E543	00621747	28130-4	19250-3 0	30
4993	67.1516		3.5190 0101599	81.3E71	279.9539	16.14235602	1E5
4993U	84 50	A	84158.259E1552	00716413	28756-4	21673-3 0	31
4993	67.1499		2.4634 010034E	81.1538	280.1020	16.14E90776	150
4993U	84 50	A	84159.06477020	00744859	28562-4	21256-3 0	32
4993	67.1509		359.7138 0097107	80.1613	281.0226	16.15E62239	203

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49930	84 50	A	84159.99284404	00868098	28556-4	23089-3	0	35
4993	07.1496		356.5430 0092768	79.2901	281.9410	16.17339125		218
49930	84 50	A	84160.24016291	00794265	28696-4	20813-3	0	36
4993	07.1515		355.6968 0091655	78.9204	282.1585	16.17691679		222
49930	84 50	A	84160.79646548	00812576	28597-4	20306-3	0	37
4993	07.1507		353.7885 0089211	78.4270	282.6491	16.18590633		231
49930	84 50	A	84161.22893461	00851351	28687-4	20497-3	0	38
4993	07.1516		352.3069 0087159	77.7023	283.3873	16.19315576		238
49930	84 50	A	84161.90811171	00904346	28749-4	20497-3	0	39
4993	07.1528		349.9743 0083188	77.3223	283.8810	16.20599445		249
49930	84 50	A	84162.21661446	00998554	28708-4	21696-3	0	40
4993	07.1536		348.9118 0081764	76.4634	284.6271	16.21243250		254
49930	84 50	A	84163.20307221	01019995	29039-4	19627-3	0	41
4993	07.1531		345.5132 0076542	75.1151	285.9816	16.23283611		270
49930	84 50	A	84163.88052015	00677646	28364-4	19627-3	0	42
4993	07.1529		343.1797 0108159	93.3214	261.1182	16.13608331		281
49930	84 50	A	84164.19159038	00680999	28105-4	19627-3	0	43
4993	07.1531		342.1193 0107297	93.4246	267.7005	16.13822003		286
49930	84 50	A	84164.74927874	00970270	28659-4	26620-3	0	44
4993	07.1502		340.2202 0104693	92.8449	268.6390	16.14774810		295

49930	34	50	A	84165.12080221	.00911848	28254-4	24388-3	0	45
4993	07.	1525	333.9536	0103041	92.2739	268.8599	16.15334387	301	
49930	34	50	A	84165.30656407	.00766871	28700-4	20373-3	0	46
4993	07.	1538	333.3203	0102107	92.0778	269.1667	16.15585756	304	
49930	84	50	A	84167.03850740	.00898025	28489-4	20824-3	0	48
4993	07.	1546	332.3949	0093450	89.9427	271.4021	16.18486088	332	
49930	84	50	A	84167.16206663	.00831145	28509-4	19102-3	0	49
4993	07.	1541	331.9742	0093006	89.7878	271.4584	16.18654504	334	
49930	84	50	A	84167.77975587	.00598925	28218-4	16580-3	0	50
4993	07.	1582	329.8522	0104134	81.0783	278.2122	16.14822519	344	
49930	84	50	A	84168.27552996	.00676500	28600-4	17579-3	0	51
4993	07.	1556	328.1654	0102397	80.0075	281.5078	16.15742056	352	
49930	84	50	A	84168.77060215	.00971131	28054-4	24313-3	0	52
4993	07.	1599	326.4707	0096610	79.6913	281.9032	16.16796946	360	
49930	84	50	A	84169.20345738	.01025114	28476-4	24313-3	0	53
4993	07.	1565	324.9915	0096632	78.8339	282.3643	16.17670203	367	
49930	84	50	A	84169.51253831	.00626914	28501-4	14603-3	0	54
4993	07.	1502	323.9318	0095291	79.0088	282.0700	16.18112947	372	
49930	84	50	A	84169.57436737	.11350253	28701-4	25303-2	0	55
4993	07.	1565	323.7165	0093655	79.5737	281.0516	16.18766737	373	
49930	84	50	A	84169.75946061	.11375891	28741-4	24878-2	0	56
4993	07.	1598	323.0859	0092982	78.0385	282.4277	16.19067656	376	
930	84	50	A	84170.06863127	.01103994	28358-4	24005-3	0	57
93	07.	1511	322.0178	0092120	78.0709	283.0783	16.19312537	381	
930	84	50	A	84170.25390423	.00917109	28519-4	19811-3	0	58
93	07.	1584	321.3865	0090833	77.5843	283.5002	16.19621904	384	

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930	84	50	A	84170.50089312	01001803	28403-4	21447-3	0	59
93	67.	1298		320.5315 008E501	77.2316	283.9375	16.20136432		388
930	84	50	A	84170.74778070	02422731	28587-4	50141-3	0	60
93	67.	1576		319.6936 008E506	77.2197	283.9177	16.20792195		392
930	84	50	A	84170.93284497	01006440	28724-4	19280-3	0	61
93	67.	1554		319.0544 008E460	75.9387	284.8882	16.21131994		395
49930	84	50	A	84172.29266254	00799048	28504-4	23821-3	0	64
4993	67.	1553		314.3976 010C420	94.2774	267.0799	16.14812376		417
49930	84	50	A	84173.71620608	00756148	28787-4	20433-3	0	60
4993	67.	1546		309.5377 0093574	92.7652	268.3926	16.17045135		440
49930	84	50	A	84174.39636515	00768276	28682-4	19650-3	0	67
4993	67.	1546		307.2078 0090661	91.9077	269.2909	16.18106233		451
49930	84	50	A	84174.82895453	00811462	28666-4	20301-3	0	68
4993	67.	1530		305.7250 0087329	91.8629	269.4664	16.18926929		458
49930	84	50	A	84175.50826312	01067832	29121-4	24161-3	0	70
4993	67.	1556		303.3936 0085322	90.4739	270.6972	16.20219814		469
49930	84	50	A	84175.69342058	00806460	28489-4	24161-3	0	71
4993	67.	1532		302.7595 0103628	00.0058	258.7308	16.14152620		472
49930	84	50	A	84176.12750656	00826022	28225-4	24035-3	0	72
4993	67.	1520		301.2777 0101600	98.8537	262.3541	16.14818982		479

4993U	84 50	A	84176.31331263	00788917	28206-4	22134-3	0	73
4993	67.1534		300.6483 0101275	98.9844	262.2847	16.15110090		482
4993U	84 50	A	84176.87049893	00760789	28204-4	20702-3	0	74
4993	67.1541		298.7443 0098486	98.4633	262.8871	16.16053464		491
4993U	84 50	A	84177.24175735	00821996	28470-4	21785-3	0	75
4993	67.1518		297.4784 0096525	97.9397	263.3046	16.16670065		497
4993U	84 50	A	84177.92204827	00817779	28498-4	20880-3	0	76
4993	67.1535		*095.1497 0092546	96.9900	264.1165	16.17768767		508
4993U	84 50	A	84178.23113418	00812635	28500-4	20123-3	0	77
4993	67.1529		294.0918 0091387	96.9525	264.2044	16.18272332		513
4993U	84 50	A	84178.97252138	00750006	29123-4	18872-3	0	78
4993	67.1530		291.5447 0086953	95.3697	265.8008	16.19523808		525
4993U	84 50	A	84179.34298919	00827812	28461-4	18872-3	0	79
4993	67.1510		290.2759 0085131	95.1865	265.9533	16.20155337		531
4993U	84 50	A	84179.58587091	00847715	28829-4	18872-3	0	80
4993	67.1512		289.4237 0083243	94.7566	266.4220	16.20758128		535
4993U	84 50	A	84180.08340895	01047048	28905-4	21518-3	0	81
4993	67.1536		287.7255 0080720	94.2676	266.9154	16.21770596		543
4993U	84 50	A	84180.33003326	01048294	29032-4	21256-3	0	82
4993	67.1525		286.8793 0079316	94.0410	266.9551	16.22296320		547
4993U	84 50	A	84180.45332578	01106630	29211-4	21256-3	0	83
4993	67.1500		286.4489 0075857	95.9987	265.0883	16.22683024		549
4993U	84 50	A	84180.63820442	00855377	28297-4	21296-3	0	84
4993	67.1549		285.8180 0119091	95.8242	260.9277	16.12812770		552
4993U	84 50	A	84180.63820442	00855377	28257-4	21296-3	0	85
4993	67.1549		285.8180 0119091	95.8242	260.9277	16.12812770		552

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4993U	84 50	A	84181.32121043	100962925	28431-4	22907-3 0	86
4993	67.1493		283.5003 0116957	94.0798	267.5410	16.13458394	563
4993U	84 50	A	84181.50713055	100959380	28294-4	22907-3 0	87
4993	67.1489		282.8649 0115834	93.8807	267.5953	16.13837500	566
4993U	84 50	A	84181.69302539	101022063	28369-4	23933-3 0	88
4993	67.1538		282.2312 0114428	93.8083	267.6795	16.14290564	569
4993U	84 50	A	84182.25043929	100949562	27919-4	21518-3 0	89
4993	67.1504		280.3330 0110599	93.8639	267.8351	16.15349272	578
4993U	84 50	A	84182.93125743	101127866	28355-4	24452-3 0	90
4993	67.1493		278.0828 0105670	92.3768	268.9827	16.16712200	589
4993U	84 50	A	84182.30234388	100979186	28561-4	20353-3 0	91
4993	67.1505		276.7379 0103896	92.3075	268.9141	16.17435851	595
4993U	84 50	A	84184.22939262	101038195	28466-4	20353-3 0	92
4993	67.1466		273.5584 0095979	90.7319	270.7885	16.19447991	610
4993U	84 50	A	84184.66154259	100253520	27622-4	20353-3 0	93
4993	67.1457		272.0863 0111942	132.8689	218.3222	16.01945847	617
4993U	84 50	A	84185.34957138	100256038	27346-4	20353-3 0	94
4993	67.1450		269.7810 0110651	131.5532	229.4824	16.02295877	628
4993U	84 50	A	84185.84931383	100255843	27588-4	20353-3 0	95
4993	67.1434		268.1068 0108903	130.5033	230.6391	16.02599832	636

993U	84 50	A	84186.24884303	.00281955	27629-4	21918-3	0	96
993	67.1456	266.4349	0108728	130.7062	230.3806	16.02900881		€44
993U	84 50	A	84187.09721087	.00356698	27517-4	27473-3	0	97
993	67.1452	263.9230	0108410	129.8820	231.2514	16.03388284		€56
993U	84 50	A	84187.28432874	.00290074	27922-4	22630-3	0	98
993	67.1456	263.2965	0108742	129.9156	231.1193	16.03477882		€59
14993U	84 50	A	84188.21980852	.00312427	27492-4	23225-3	0	99
14993	67.1442	260.1555	0105017	129.0195	232.1613	16.04089698		674
14993U	84 50	A	84188.40683726	.00310028	27703-4	23225-3	0	100
14993	67.1465	259.5257	0103825	128.3448	232.6813	16.04206556		677
14993U	84 50	A	84189.21723353	.00311354	27827-4	22672-3	0	101
14993	67.1448	256.8039	0102920	128.0377	233.0255	16.04712387		690
14993U	84 50	A	84189.21723353	.00311354	27827-4	22672-3	0	102
14993	67.1448	256.8039	0102920	128.0377	233.0255	16.04712387		690
14993U	84 50	A	84190.27858654	.00246039	27587-4	17501-3	0	103
14993	67.1457	253.2427	0101184	126.5043	234.1257	16.05343045		707
14993U	84 50	A	84190.58809329	.00374058	27943-4	26258-3	0	104
14993	67.1498	252.1926	0100266	126.4159	234.7116	16.05597188		712

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Progress 22

4996U	84	51	A	84149.64605473	-	00008334	57557-4	00000	0	0	1
4996	51.6339	109.1083	0042562	87.6768	272.9061	16.21325886					1
4996U	84	51	A	84149.70769044	-	00008302	57423-4	00000	0	0	2
4996	51.6347	108.7697	0042785	88.0951	272.5018	16.21354723					2
4996U	84	51	A	84149.89258765	-	00000939	00000-0	00000	0	0	3
4996	51.6302	107.7515	0065795	41.8718	316.0104	16.08806286					5
4996U	84	51	A	84150.32786815	-	00000955	00000-0	00000	0	0	4
4996	51.6321	105.4024	0070330	43.3323	317.5971	16.09115524					12
4996U	84	51	A	84150.45202660	-	00263069	18735-4	19752-3	0	0	5
4996	51.6299	104.7317	0070156	46.1998	316.4862	16.09201994					14
4996U	84	51	A	84150.57621886	-	00422843	18689-4	31228-3	0	0	6
4996	51.6292	104.0596	0070200	44.2107	316.4619	16.09324602					16
4996U	84	51	A	84150.88666568	-	00086439	00000-0	31228-3	0	0	7
4996	51.6297	102.4168	0025995	179.7629	263.8117	15.87149423					21
4996U	84	51	A	84151.26732513	-	00086607	00000-0	31178-3	0	0	8
4996	51.6282	100.4194	0030044	181.1196	178.9802	15.87217924					27

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Kosmos 1559-1566

4998U	84 52 A	84150.77410141	0.00000008	00000-0	99999-4 0	5
4998	74.0143	221.7042	0026021	235.0946	107.9887 12.43741883	3
4999U	84 52 B	84150.77410141	0.00000008	00000-0	99999-4 0	5
4999	74.0049	221.7442	0015416	226.1885	123.2651 12.45846712	3
15000U	84 52 D	84150.69400921	0.00000009	00.000-0	99999-4 0	4
15000	74.0210	221.8228	0014957	181.4928	173.7564 12.47700068	2
5001U	84 52 E	84150.77784562	0.00000009	00000-0	99999-4 0	4
5001	74.0091	221.6986	0014009	118.1524	259.4248 12.49724928	3
15002U	84 52 F	84150.453070E4	0.00000006	00000-0	00000 0 0	3
15002	74.0187	222.1588	0024432	122.3595	237.8832 12.51596677	7
5003U	84 52 G	84150.77410141	0.00000010	00000-0	99999-4 0	4
5003	73.9998	221.7045	0033120	102.1906	269.0969 12.53322948	3
5004U	84 52 H	84150.77410141	0.00000010	00000-0	99999-4 0	4
5004	74.0145	221.7011	0042942	106.7493	270.0584 12.55178764	3

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Kosmos 1567

5009U	84 53	A	84151.90321722	-1.00000131	00000-0	00000 0 0	1
5009	65.0323		204.5555	0011421	183.7084	176.3977 15.43864708	2
15009U	84 53	A	84152.22710537	-1.00000129	00000-0	00000 0 0	2
15009	65.0305		203.4705	0007356	237.9163	121.6916 15.43215455	7
4455U	83110	A	84152.27563688	1.00004393	00000-0	99999-4 0	294
4455	65.0556		203.3854	0017852	300.7419	59.2187 15.43382059	3317
1	15009U		84153.32886653	0.00323828		69100-2 0	3
2	15009		65.0314	199.7960	0007889	239.2756 120.9820 15.43386531	24
15009U	84 53	A	84225.31700377	.00778474	00000-0	15591-1 0	142
15009	65.0294		319.6518	0011297	280.6902	78.8269 15.43481107	1135
15009U	84 53	A	84281.49508950	-.00015338	00000-0	-34441-3 0	252
15009	65.0264		132.2324	0009494	280.4626	79.4065 15.43514040	2002
15009U	84 53	A	84303.97918942	.00004273	00000-0	97712-4 0	280
15009	65.0299		57.2156	0009799	282.7618	77.1252 15.43390217	2349

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5011U	84 54	A	84156.24734051	.00010E56	00000-0	12E04-3 0	8
5011	72.8323		95.9569 0043324	207.2572	152.6023	15.606E3828	3E
5011U	84 54	A	84157.01655255	.000E8644	00000-0	100E7-2 0	9
5011	72.8284		94.1171 0043984	204.8E73	154.944E	15.60678189	4E
5011U	84 54	A	84157.208E6739	.000E894E	00000-0	100E7-2 0	10
5011	72.8297		93.6569 004432E	204.1556	155.73E7	15.60744168	57
5011U	84 54	A	84157.7E572935	.000E8402	00000-0	100E7-2 0	11
5011	72.8311		92.2790 0042420	202.57E0	156.6205	15.60653311	6E
5011U	84 54	A	84157.845E8E82	.000E8356	00000-0	100E7-2 0	12
5011	72.8320		92.1250 0043217	203.4740	156.4340	15.60E49565	67
5011U	84 54	A	84158.17039667	.001E5131	00000-0	150E6-2 0	13
5011	72.8302		91.3552 0043343	201.8E23	158.0511	15.60706E77	72
5011U	84 54	A	84158.2E55E81	.00042E85	00000-0	49211-3 0	14
5011	72.8323		91.0513 0043090	202.19E2	157.707E	15.606E1900	74
5011U	84 54	A	84159.0E775E7E	.00115121	00000-0	13080-2 0	15
5011	72.8310		89.2087 0043274	200.41E5	159.32E8	15.60670762	8E

150110	84 54	A	84159.70882033	.00060359	00000-0	69206-3 0	17
15011	72.8314		87.6743 0042366	159.7174	160.0325	15.60669389	96
50110	84 54	A	84160.22165866	.00060441	00000-0	69206-3 0	18
5011	72.8324		86.4481 0042367	198.8748	160.9950	15.60704791	104
50110	84 54	A	84160.73446525	.00020903	00000-0	24207-3 0	19
5011	72.8313		85.2214 0042085	196.9920	162.7533	15.60639999	112
150110	84 54	A	84160.79860972	.00020918	00000-0	24207-3 0	20
5011	72.8316		85.0686 0042976	196.8231	163.1505	15.60611001	113
50110	84 54	A	84161.18323172	.00006689	00000-0	77711-4 0	21
5011	72.8324		84.1473 0042738	195.7498	164.2475	15.60632160	119
50110	84 54	A	84162.27297560	.00011496	00000-0	13388-3 0	22
5011	72.8327		81.5400 0042405	193.0214	166.9120	15.60627057	136
50110	84 54	A	84162.91401840	.00011500	00000-0	13388-3 0	23
5011	72.8319		80.0051 0042855	191.3389	168.6271	15.60615734	146
50110	84 54	A	84163.23454640	.00011494	00000-0	13388-3 0	24
5011	72.8345		79.2404 0042393	191.1623	168.8720	15.60630369	151
50110	84 54	A	84163.93967511	.00011485	00000-0	13388-3 0	25
5011	72.8353		77.5513 0042497	189.8359	170.1122	15.60600310	162
50110	84 54	A	84164.19610787	.00010583	00000-0	12339-3 0	26
5011	72.8330		76.9393 0042567	189.1512	170.9062	15.60615311	166
50110	84 54	A	84164.83713940	.00010550	00000-0	12339-3 0	27
5011	72.8296		75.4061 0041816	187.2342	172.2479	15.60576203	176
50110	84 54	A	84165.28588827	.00010284	00000-0	12009-3 0	28
5011	72.8326		74.3333 0042188	186.6735	173.4381	15.60609285	183

84-54A

Kosmos 1568

forts.t

50110	34	54	A	84165.92691650	00153960	00000-0	17514-2 0	29
5011	72.8304	72.7992	0041758	184.8146	175.1864	15.60602440	193	
50110	34	54	A	84165.92691650	00153960	00000-0	17514-2 0	30
5011	72.8304	72.7992	0041758	184.8146	175.1864	15.60602440	193	
50110	34	54	A	84166.24744180	000002649	00000-0	31282-4 0	31
5011	72.8350	72.0333	0043064	184.2358	175.8001	15.60590497	198	
50110	34	54	A	84166.24744180	000002649	00000-0	31282-4 0	32
5011	72.8350	72.0333	0043064	184.2358	175.8001	15.60590497	198	

84-55A

Kosmos 1569

50270	84	55	A	84158.65871466	.00000050	00000-0	55555-4	0	2
5027	62.9246	78.1493	7351093	319.6046	4.5439	2.03661198			1
50270	84	55	A	84160.17810200	.00000016	00000-0	59999-4	0	7
5027	62.9138	77.9313	7356913	319.6745	4.5193	2.02781342			4

84-56A

Kosmos 1570

50310	34	56	A	84160.53673754	-	.00000012	00000-0	00000	0	0	1
5031	74.0679	77.2270	0024176	57.7302	302.5793	14.27792951					1
50310	34	56	A	84160.60681168	-	.00000012	00000-0	00000	0	0	2
5031	74.0619	77.0965	0013916	68.1060	292.1525	14.26436687					2

84-57A

Intelsat S F9

NEB: 24 Oct 1984

50340	84	57	A	84162.08141447	.00003185	-21905-4	00000	0	0	1
5034				29.1512	56.8260	0739388	138.8538	227.3565	14.57991539	2
50340	84	57	A	84164.41402388	.00070003	-24230-5	36462-3	0		15
5034				28.6988	43.0239	0695503	163.7382	198.8561	14.50741883	32

84-58A

Kosmos 1571

Ned: 26, jun 84

5036U	34 58	A	84163.41882190	-	000000291	00000-0	00000 0 0	2
5036	69.9446		72.3022 0112004		62.4987 298.5446	15.94307224		0
5036U	34 58	A	84163.60713470	-	000000302	00000-0	00000 0 0	4
5036	70.0117		71.7423 0124270		62.7670 298.5032	15.93414641		3
5036U	34 58	A	84163.60713470	-	000000302	00000-0	00000 0 0	5
5036	70.0117		71.7423 0124270		62.7670 298.5032	15.93414641		4
5036U	34 58	A	84164.10936734		00014299	00000-0	15476-3 0	6
5036	70.0266		70.3125 0047226		216.3892 126.9279	15.62254559		12
5036U	84 58	A	84164.88064767		00014375	00000-0	15476-3 0	7
5036	70.0186		68.1765 0049573		214.1978 145.5724	15.62245480		24
5036U	34 58	A	84165.26483099		00005339	00000-0	57844-4 0	8
5036	70.0217		67.1103 0049006		214.0964 145.7099	15.62252424		30
5036U	34 58	A	84165.77706676		00005334	00000-0	57844-4 0	9
5036	70.0187		65.6872 0049618		212.2587 147.5233	15.62198636		38
5036U	84 58	A	84166.28930520		00015453	00000-0	16633-3 0	10
5036	70.0199		64.2634 0049024		212.5228 147.2832	15.62253477		46
5036U	84 58	A	84168.27421256		00015511	00000-0	16633-3 0	12
5036	70.0229		58.7533 0050333		209.0422 150.6257	15.62266483		77

5036U	84 58	A	84167.24974571	1.00015425	00000-0	16633-3 0	11
5036	70.0196		61.6028 0048078	211.2332	148.6211	15.62269103	61
5036U	84 58	A	84168.91452562	1.00003339	00000-0	36535-4 0	13
5036	70.0227		56.9772 0050317	207.9582	151.7669	15.62230707	87
5036U	84 58	A	84169.17067259	1.00001095	00000-0	12801-4 0	14
5036	70.0209		56.2659 0048657	207.2580	152.5916	15.62238111	91
5036U	84 58	A	84169.23470534	1.00001094	00000-0	12801-4 0	15
5036	70.0203		56.0875 0048455	207.1436	152.7190	15.62238139	92
5036U	84 58	A	84170.25919015	1.00000215	00000-0	34418-5 0	16
5036	70.0194		53.2413 0048551	205.5077	154.3620	15.62235243	108
5036U	84 58	A	84172.24412570	1.00011338	00000-0	12299-3 0	18
5036	70.0217		47.7294 0048555	202.3104	157.5845	15.62235409	139
5036U	84 58	A	84173.84487532	1.00142075	00000-0	14919-2 0	20
5036	70.0194		43.2811 0048461	199.5993	160.2342	15.62257210	164
5036U	84 58	A	84174.35710506	1.00141904	00000-0	14919-2 0	21
5036	70.0195		41.8605 0047668	198.7432	161.0271	15.62276338	172
5036U	84 58	A	84174.93335143	1.00159602	00000-0	16714-2 0	22
5036	70.0221		40.2641 0048372	198.6555	160.9609	15.62278085	181
5036U	84 58	A	84175.12549147	1.00165091	00000-0	17362-2 0	23
5036	70.0213		39.7280 0047118	197.8114	162.0751	15.62231481	184
5036U	84 58	A	84175.50967159	1.00045715	00000-0	48765-3 0	25
5036	70.0209		38.6607 0047813	197.5070	162.3760	15.62246492	190
5036U	84 58	A	84175.95788769	1.00045272	00000-0	48765-3 0	26
5036	70.0193		37.4061 0043453	200.8725	158.9712	15.62256857	197
5036U	84 58	A	84176.34207754	1.00011818	00000-0	12821-3 0	27
5036	70.0219		36.3498 0047875	195.5928	164.3559	15.62242625	203

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Kosmos 1571

forts. 1

5036U	84 58	A	84177.17448207	100007400	00000-0	79999-4 0	28
5036	70.0218		34.0381 0047878	194.4844	165.5114	15.62237147	216
5036U	84 58	A	84178.13492944	100007391	00000-0	79999-4 0	29
5036	70.0205		31.3644 0048190	192.6515	167.2874	15.62180443	231

84-59A

NAVSTAR 9

5039U	34	59	A	84165.59052142	.00000004	00000-0	00000 0 0	0
5039	02.3829	156.8794		5925661	157.2035	140.8801	3.92175469	1
5039U	34	59	A	84165.59052142	.00000004	00000-0	00000 0 0	2
5039	02.3829	156.8794		5925661	157.2035	140.8801	3.92175469	1
5039U	34	59	A	84165.92077880	.00000004	00000-0	00000 0 0	3
5039	02.3884	156.7562		5925175	157.2321	247.0362	3.92134179	2
5039U	34	59	A	84166.17568482	.00000005	00000-0	00000 0 0	6
5039	02.3702	156.6708		5925163	157.2379	246.9397	3.92138784	3
5039U	34	59	A	84166.99999598	.00000020	00000-0	99999-4 0	7
5039	02.4850	156.3140		0057005	152.0380	262.8520	1.97338526	6
5039U	34	59	A	84167.42984756	.00000020	00000-0	00000 0 0	10
5039	02.5441	156.3212		0056119	155.5262	204.7253	1.97368254	6

84-60A

Kosmos 1572

Ned: 29 juni 1984

5046U	84 60	A	84167.40188759	1.00000086	00000-0	00000 0 0	1
5046	32.3533		55.3270 0040651	85.2862	275.2348	16.11933477	1
5046U	84 60	A	84167.58803551	1.00000088	00000-0	00000 0 0	2
5046	32.3502		55.0980 0041429	85.2897	275.1520	16.11908972	4
5046U	84 60	A	84168.08470578	1.00000090	00000-0	00000 0 0	3
5046	32.3524		54.5205 0041109	83.6291	277.0463	16.12005050	12
5046U	84 60	A	84168.33301278	1.00000053	00000-0	00000 0 0	4
5046	32.3483		54.2382 0004609	294.8283	62.9635	16.01647882	16
5046U	84 60	A	84168.39588810	1.48007056	50408-0	16804-1 0	5
5046	32.3459		54.1608 0010800	7.2106	352.8143	16.03070499	17
5046U	84 60	A	84168.64553226	1.00539694	13864-3	89184-3 0	6
5046	32.3488		53.8745 0010087	310.8842	49.0545	16.03026352	21
5046U	84 60	A	84169.08245602	1.00002926	00000-0	47038-5 0	7
5046	32.3498		53.3735 0010151	308.5426	51.1641	16.03075164	28
5046U	84 60	A	84169.20735845	1.00002924	00000-0	47038-5 0	8
5046	32.3497		53.2287 0010249	298.6428	61.4113	16.03080408	30
5046U	84 60	A	84169.20735845	1.00002924	00000-0	47038-5 0	9
5046	32.3497		53.2287 0010249	298.6428	61.4113	16.03080408	30

5046U	84 60	A	84169.70673226	▲00016065	00000-0	26208-4 0	10
5046	82.3472		52.6546 0010151	305.9929	54.0249	16.03073240	38
46U	84 60	A	84170.20607354	▲00039128	00000-0	63384-4 0	12
46	82.3497		52.0817 0009683	300.9039	59.0154	16.03157253	46
46U	84 60	A	84170.20609320	▲00038566	00000-0	62488-4 0	13
46	82.3481		52.0812 0009652	301.5085	58.5245	16.03156663	46
5046U	84 60	A	84172.26584188	▲00041375	00000-0	66343-4 0	15
5046	82.3489		49.7172 0009759	292.3465	67.7341	16.03322328	79
5046U	84 60	A	84174.38775056	▲00033249	00000-0	52873-4 0	17
5046	82.3467		47.2815 0010211	282.9594	76.9711	16.03473991	113
5046U	84 60	A	84175.32385389	▲00033373	00000-0	52873-4 0	18
5046	82.3472		46.2053 0010211	276.9757	83.0465	16.03537077	128
5046U	84 60	A	84176.07269671	▲00031467	00000-0	52873-4 0	19
5046	82.3500		45.3469 0009646	294.7303	64.8618	16.02559176	140
5046U	84 60	A	84176.32254727	▲00059810	00000-0	99999-4 0	21
5046	82.3492		45.0591 0009720	297.8283	62.2009	16.02559124	144
5046U	84 60	A	84177.19672461	▲00057327	00000-0	95468-4 0	22
5046	82.3473		44.0571 0009445	290.3131	69.7122	16.02639140	158
5046U	84 60	A	84178.25818460	▲00036214	00000-0	60322-4 0	23
5046	82.3482		42.8399 0009285	287.1003	72.9255	16.02699861	175
5046U	84 60	A	84178.25818460	▲00036214	00000-0	60322-4 0	24
5046	82.3482		42.8399 0009285	287.1003	72.9255	16.02699861	175
5046U	84 60	A	84179.38202668	▲00036376	00000-0	60322-4 0	25
5046	82.3488		41.5526 0009200	282.0951	77.9160	16.02776749	193

84-60 A

Kosmos 1572

forts.1

5046U	E4 60	A	84179.75663061	.00036401	00000-0	60322-4 0	26
504E	82.3482		41.1260 C00E9EC	2E1.2559	78.7071	16.C2794745	155
504EU	E4 60	A	84180.31E52896	.00035240	00000-0	58223-4 0	27
504E	82.3487		40.477E C00921E	277.7427	E2.3099	16.C2841934	208

84-61A

Kosmos 1573

50510	34	61	A	84171.50860254	-1.00001722	11895-4	00000 0 0	1
5051	72.8996	76.4161	0070465	90.4327	269.9880	16.11160557		1
50510	34	61	A	84172.00543548	1.00333876	11688-4	24489-3 0	3
5051	72.8719	75.1404	0075641	95.0404	265.5720	16.09137411		9
50510	34	61	A	84172.12984001	1.00182278	16341-4	24489-3 0	4
5051	72.8722	74.8131	0056651	65.6083	295.0215	16.03063824		11
50510	34	61	A	84172.31721157	1.00062977	00000-0	88911-4 0	5
5051	72.8737	74.3216	0062462	66.2397	294.2528	16.01455214		14
50510	34	61	A	84174.37859356	1.00031376	00000-0	45333-4 0	7
5051	72.8545	69.0990	0058985	64.4478	296.0510	16.01604171		47
50510	34	61	A	84174.75341331	1.00028040	00000-0	40474-4 0	8
5051	72.8685	68.1630	0058951	63.5160	297.2854	16.01641561		53
50510	34	61	A	84175.00324822	1.00028067	00000-0	40474-4 0	9
5051	72.8720	67.5316	0058441	63.9630	296.8017	16.01711034		57
50510	34	61	A	84175.31553716	1.00028062	00000-0	40474-4 0	10
5051	72.8682	66.7393	0058528	63.1765	297.5131	16.01702658		62

051U	84	61	A	84176.12750926	00043055	00000-0	40474-4	0	11
051	72.8674	64.6274	0025733	91.4942	273.1710	16.11049315			75
051U	84	61	A	84176.37516655	00053852	00000-0	50470-4	0	12
051	72.8682	64.0391	0025386	89.0886	271.3280	16.11076446			79
051U	84	61	A	84177.18240304	00054251	00000-0	50470-4	0	13
051	72.8665	61.9614	0025453	86.4595	274.0197	16.11180677			92
051U	84	61	A	84177.24448458	00079249	00000-0	73230-4	0	14
051	72.8676	61.8029	0025233	86.5780	273.8463	16.11216822			93
051U	84	61	A	84178.11372512	00071929	00000-0	66017-4	0	15
051	72.8685	59.5668	0025360	84.3226	276.0309	16.11331025			107
051U	84	61	A	84179.35540668	00072671	00000-0	66017-4	0	17
051	72.8683	56.3700	0024962	79.7019	280.6785	16.11502748			127
051U	84	61	A	84180.34865261	00089473	00000-0	66017-4	0	18
051	72.8621	53.8080	0008723	28.8501	333.4007	16.15110866			143
051U	84	61	A	84180.34865261	00089473	00000-0	66017-4	0	19
051	72.8621	53.8080	0008723	28.8501	333.4007	16.15110866			143

84-62 A

Kosmos 1574

5055U 34 62 A 84175.55451704 1.00000915 00000-0 97582-3 0 4
5055 32.9585 232.0973 0026050 281.2273 78.6004 13.73098897 23

5056U 34 62 B 84173.87854337 1.00000006 00000-0 00000 0 0 1
5056 32.9431 233.3264 0047574 282.9271 76.6299 13.78040721 0

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5057U	84	63	A	84174.75592005	-	1.00000114	00000-0	00000	0	0	3
5057				1.2871	282.5726	0003692	289.8948	71.5557	1.03024519		1
5058U	84	63	B	84174.06762354	-	1.00008418	58198-4	00000	0	0	1
5058				51.6089	284.5828	0005990	120.1889	240.0923	16.27218673		1
5057U	84	63	A	84177.68820889	-	1.00000147	00000-0	99999-4	0		5
5057				1.0087	281.9928	0004581	291.0001	71.3657	1.01178924		4

84-64A

Kosmos 1575

Wed: 7, 26 1984

5060U	84 64	A	84174.37357686	Δ00000089	00000-0	00000 0 0	1
5060	82.3374		52.0659 0038828	72.5429	285.2078	16.11959275	1
5060U	84 64	A	84174.43613879	Δ00000087	00000-0	00000 0 0	2
5060	82.3369		51.9932 0039107	72.8832	287.6527	16.11855114	2
5060U	84 64	A	84174.43613879	Δ00000087	00000-0	00000 0 0	3
5060	82.3369		51.9932 0039107	72.8832	287.6527	16.11855114	2
5060U	84 64	A	84174.99488450	Δ00000087	00000-0	00000 0 0	5
5060	82.3388		51.3405 0038860	71.7778	288.8261	16.11946104	11
5060U	84 64	A	84175.11903400	Δ00325474	-14663-5	31574-3 0	6
5060	82.3341		51.1980 0037919	71.4928	289.8666	16.11961908	13
5060U	84 64	A	84175.30526428	Δ00046972	00000-0	79572-4 0	7
5060	82.3341		50.9826 0010863	342.2003	15.6026	16.02351283	16
5060U	84 64	A	84175.30566058	Δ00046954	00000-0	79572-4 0	8
5060	82.3344		50.9824 0011203	341.4010	18.6846	16.02336230	16
5060U	84 64	A	84175.43056334	Δ02440875	14765-1	56716-2 0	9
5060	82.3400		50.8372 0012242	344.3908	15.9681	16.03393258	18

5060U	84 64	A	84175.49291797	1.02480522	15303-1	56716-2 0	10
5060	82.3390		50.7700 0015173	333.3172	26.5613	16.03583668	19
5060U	84 64	A	84175.61771716	1.00035944	00000-0	58513-4 0	11
5060	82.3412		50.6266 0012603	333.0142	26.6230	16.03016602	21
5060U	84 64	A	84176.30445352	1.00044592	00000-0	72182-4 0	12
5060	82.3359		49.8379 0012858	331.4881	28.5901	16.03081681	32
5060U	84 64	A	84176.92866214	1.00122592	54978-5	19912-3 0	13
5060	82.3371		49.1185 0012968	328.8072	31.2124	16.03150336	42
5060U	84 64	A	84177.17834126	1.00122541	55990-5	19912-3 0	14
5060	82.3342		48.8332 0013615	332.0601	27.9302	16.03128151	46
5060U	84 64	A	84177.24077259	1.00037273	00000-0	60178-4 0	15
5060	82.3361		48.7612 0012883	327.4606	32.8090	16.03144037	47
5060U	84 64	A	84178.30188680	1.00035439	00000-0	56996-4 0	16
5060	82.3364		47.5405 0012791	322.6344	37.3968	16.03218282	64
5060U	84 64	A	84179.36294629	1.00035587	00000-0	56596-4 0	17
5060	82.3355		46.3199 0012667	317.5317	42.0850	16.03290335	61
5060U	84 64	A	84180.36155385	1.00035309	00000-0	56308-4 0	18
5060	82.3348		45.1719 0012843	313.1012	46.9043	16.03357242	57
5060U	84 64	A	84181.36012023	1.00033354	00000-0	59278-4 0	19
5060	82.3335		44.0235 0013021	308.4795	51.5438	16.03432261	113
5060U	84 64	A	84182.29622814	1.00038464	00000-0	60752-4 0	20
5060	82.3328		42.9468 0013084	303.7437	56.2756	16.03505882	128
5060U	84 64	A	84182.92027437	1.00034188	00000-0	60752-4 0	21
5060	82.3352		42.2301 0016460	328.1779	31.3845	16.01409999	138

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forts. 1

5060U	84 64	A	84183.29527648	100034168	00800-0	60752-4 0	22
5060	82.3203		41.8080 0015812	321.9646	38.1386	16.01422245	144
5060U	84 64	A	84183.79515124	100092789	28801-5	16491-3 0	23
5060	82.3340		41.2279 0015910	329.2290	30.8982	16.01521510	152
5060U	84 64	A	84184.23250525	100092977	29252-5	16491-3 0	24
5060	82.3336		40.7225 0016060	327.0379	32.8638	16.01552379	159
5060U	84 64	A	84184.91978237	100142881	77903-5	25236-3 0	25
5060	82.3393		39.9392 0016185	326.1060	34.8121	16.01637455	170
5060U	84 64	A	84185.23218419	100162968	78007-5	25236-3 0	26
5060	82.3422		39.5750 0016776	325.8973	34.2253	16.01628186	175
060U	84 64	A	84185.48211774	100952160	49288-3	16937-2 0	26
060	82.3419		39.2888 0016482	324.1588	35.8181	16.01760436	179
5060U	84 64	A	84185.66951444	100125370	58123-5	22187-3 0	29
5060	82.3431		39.0779 0016027	321.8855	37.9009	16.01626631	182
5060U	84 64	A	84186.35678537	100032416	00000-0	62020-4 0	30
5060	82.3376		38.2870 0015571	318.4771	41.4257	16.01687224	193
5060U	84 64	A	84186.91908827	100475518	10329-3	82580-3 0	31
5060	82.3394		37.6427 0015687	314.7144	45.2921	16.01819835	202
5060U	84 64	A	84187.22141298	100474883	10273-3	82580-3 0	32
5060	82.3362		37.2806 0015746	315.6247	44.0884	16.01780038	207

0660	E4 64	A	84187.60025871	.00474444	10245-3	83580-3 0	33
0660	E2.3307		36.8498	0015376	314.8194	44.8581 16.0175546	213
0660	E4 64	A	84187.73125382	.00019497	00000-0	34078-4 0	34
0660	E2.3354		36.7101	0015242	312.6538	47.2419 16.01760786	215
5060L	84 64	A	84188.25349794	.00015626	00000-0	34078-4 0	35
5060	E2.3386		36.0642	0015205	310.0789	49.9233 16.01873066	224
15060U	84 64	A	84188.73077583	.00110038	42715-5	19194-3 0	36
15060	E2.3346		35.5630	0015209	308.3484	51.5724 16.01869225	231
15060U	E4 64	A	84188.58000574	.00307427	40537-4	53702-3 0	37
15060	E2.3396		35.2752	0014482	306.0957	53.8914 16.01912556	235
15060U	E4 64	A	84189.04313356	.00061568	95948-6	10701-3 0	38
15060	E2.3357		35.2042	0014981	305.6016	54.3852 16.01909123	236

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070U	84 66	A	84178.70233576	-	00004026	27802-4	00000	0 0	2
070	67.1426		135.0496	0135684	92.2532	269.6455	16.0529	1662	1
070U	84 66	A	84178.82676229	-	00004026	27784-4	00000	0 0	3
070	67.1438		134.6359	0136802	92.1612	268.6443	16.0502	20104	3
070U	84 66	A	84178.95156479	-	00004005	27716-4	00000	0 0	4
070	67.1432		134.2090	0136839	91.9121	269.8786	16.0526	0892	5
070U	84 66	A	84179.20077373	-	00004027	27835-4	00000	0 0	5
070	67.1484		133.3732	0137325	91.3867	270.4665	16.0548	8123	9
070U	84 66	A	84179.32534145	-	00003998	27586-4	00000	0 0	6
070	67.1489		132.9574	0135886	91.3348	270.4373	16.0565	6324	11
070U	84 66	A	84179.57448424	-	00004020	27776-4	00000	0 0	7
070	67.1464		132.1156	0135482	91.1503	270.6624	16.0593	0766	15
070U	84 66	A	84179.82358283	.	00364124	28058-4	13235-3	0	8
070	67.1447		131.2781	0134414	90.5360	270.9259	16.0624	8019	19
070U	84 66	A	84180.25928125	.	00371650	28157-4	13235-3	0	9
070	67.1465		129.8091	0133046	90.6325	271.1578	16.0672	2357	26

070U	84 66	A	84180.25535591	.00581126	28205-4	20456-3 0	10
070	67.1456	129.8091	0133159	90.6171	271.0280	16.06756669	26
070U	84 66	A	84180.50832639	.00533538	2736E-4	1E692-3 0	11
070	67.1464	128.9698	0132213	50.3498	271.2673	16.07017671	30
070U	84 66	A	84181.19276534	.00685087	28105-4	19722-3 0	12
070	67.1538	126.6540	0104444	86.0984	277.0790	16.14246442	41
070U	84 66	A	84182.30703739	.00766571	28511-4	20584-3 0	13
070	67.1485	122.8545	0100015	85.2245	276.2103	16.15886951	59
070U	84 66	A	84182.98764E14	.00905738	28910-4	23107-3 0	14
070	67.1446	120.5253	0097293	84.5452	276.5325	16.16876894	70
070U	84 66	A	84182.98764E14	.00905738	28910-4	23107-3 0	15
070	67.1445	120.5253	0097293	84.5452	276.5325	16.16876894	70
070U	84 66	A	84183.48240447	.00718818	28221-4	17743-3 0	16
070	67.1463	118.8361	0094959	83.8452	277.4503	16.17635839	78
070U	84 66	A	84183.91514E31	.00814479	28674-4	19508-3 0	17
070	67.1452	117.3534	0092892	83.5426	277.8595	16.18298354	85
070U	84 66	A	84184.10053738	.00314775	27026-4	19508-3 0	18
070	67.1598	116.7298	0121763	52.8140	301.5552	16.03161408	88
070U	84 66	A	84184.28888211	.00315916	27812-4	19508-3 0	19
070	67.1508	116.0962	0121436	52.5830	308.6250	16.03266793	91
070U	84 66	A	84184.91264453	.00321466	27828-4	19508-3 0	20
070	67.1436	114.0006	0120287	51.9266	309.3024	16.03679662	101
070U	84 66	A	84185.28681718	.00322058	27232-4	19240-3 0	21
070	67.1466	112.7444	0115597	51.4891	309.7830	16.03965596	107

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5070L	84 66	A	84185.286E0191	.00321419	27572-4	15240-3	C	22
5070	67.1454	112.7449	0119571	51.5258	309.6539	16.03969424		107
5070L	84 66	A	84186.246E7771	.00401755	27877-4	23211-3	C	23
5070	67.1444	109.1834	0117058	50.6535	310.4205	16.04816978		124
5070U	84 66	A	84186.50741633	.00343754	27365-4	19845-3	0	24
5070	67.1425	107.2980	0115775	50.0264	311.0115	16.05158503		133
5070L	84 66	A	84187.218E5481	.00380888	27883-4	21411-3	U	25
5070	67.1448	106.2499	0115250	49.8357	311.3455	16.05470036		138
15070U	84 66	A	84189.02471705	.0041826E	28027-4	22243-3	0	27
15070	67.1443	100.1645	0110377	48.2212	312.7638	16.06990196		167
15070U	84 66	A	84189.21143802	.00418337	28202-4	22071-3	0	28
15070	67.1450	99.5363	01059E4	48.0278	313.0280	16.07151470		170
15070U	84 66	A	84190.14470369	.00456567	27853-4	23328-3	C	29
15070	67.1477	96.3855	0107399	47.0828	313.9870	16.07985695		185
15070U	84 66	A	84190.52E76E33	.0046741E	28283-4	23328-3	0	30
15070	67.1454	94.0739	0105556	46.4631	314.464E	16.08573689		196
5070U	84 66	A	84191.20180E44	.00476134	28017-4	23252-3	0	31
5070	67.1458	92.8120	0104791	46.0821	314.9442	16.08951017		202
5070U	84 66	A	84191.94759E86	.00455567	28302-4	21898-3	0	32
5070	67.1438	90.2880	0102152	45.4343	315.4365	16.09613149		214

0700	84 66	A	84192.25827202	00462647	27952-4	21776-3 0	33
070	07.1428		89.2388 0101639	45.1440	315.8342	16.09933469	219
0700	84 66	A	84193.31407598	00471689	28243-4	21120-3 0	34
070	07.1438		85.6600 0095103	43.8681	317.0461	16.10935672	236
150700	84 66	A	84194.12101093	00481777	28060-4	20829-3 0	35
15070	07.1466		82.9201 0096784	43.1639	317.7622	16.11730672	249
150700	84 66	A	84194.92753696	00516488	28665-4	21597-3 0	36
15070	07.1421		80.1768 0093983	42.7275	318.2719	16.12587632	262
150700	84 66	A	84195.23759527	00528659	28399-4	21775-3 0	37
15070	07.1408		79.1228 0092955	42.0779	318.7798	16.12930543	267
150700	84 66	A	84195.79557895	00866169	28712-4	34474-3 0	38
15070	07.1389		77.2199 0090512	41.2538	319.6693	16.13698473	276
150700	84 66	A	84196.04344629	00593815	27394-4	34474-3 0	39
15070	07.1435		76.3933 0147482	51.3657	299.8209	15.98775337	280
150700	84 66	A	84196.29543756	00431250	27526-4	24685-3 0	40
15070	07.1401		75.5503 0147265	51.1401	310.2426	15.98998301	284
150700	84 66	A	84197.73352504	00326238	27487-4	17731-3 0	43
15070	07.1408		70.7544 0143968	49.6239	311.8804	16.00249221	307
0700	84 66	A	84198.04598764	00452997	27749-4	24350-3 0	44
070	07.1415		69.7063 0142734	49.4748	311.9830	16.00579563	312
0700	84 66	A	84198.17094160	00435650	27629-4	23325-3 0	45
070	07.1399		69.2903 0142440	49.3507	311.9924	16.00684117	314
0700	84 66	A	84199.29531280	00431582	27515-4	22410-3 0	46
070	07.1417		65.5264 0135165	48.0758	313.1983	16.01667153	332

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150700	84 66	A	84199.91967052	100338685	27149-4	22410-3	0	47
15070	67.1687		63.4484 0164681	56.2115	301.7656	15.9390	4187	342
150700	84 66	A	84200.23404461	100255900	27015-4	17130-3	0	48
15070	67.1372		62.4018 0164217	55.3901	306.0543	15.9391	1676	347
150700	84 66	A	84200.92425187	100428826	26900-4	28274-3	0	49
15070	67.1406		60.1119 0162069	54.7767	307.0707	15.9445	1131	358
150700	84 66	A	84201.23782869	100358204	27153-4	23421-3	0	50
15070	67.1388		59.0749 0161659	54.4153	307.1300	15.9464	6961	363
150700	84 66	A	84202.05306051	100349398	27144-4	22318-3	0	51
15070	67.1390		56.3719 0160269	53.5593	307.9100	15.9518	9477	376
150700	84 66	A	84202.17846530	100338003	26637-4	21750-3	0	52
15070	67.1392		55.9574 0159472	53.4873	308.0559	15.9527	4281	378
150700	84 66	A	84202.36655592	100318092	20822-4	19908-3	0	53
15070	67.1408		55.3309 0159681	53.3197	308.2137	15.9537	2374	381
150700	84 66	A	84203.99301301	100475004	28653-4	19184-3	0	56
15070	67.1406		49.9082 0077554	58.5564	302.3278	16.1580	1668	407
150700	84 66	A	84204.24059327	100449860	28180-4	17984-3	0	57
15070	67.1376		49.0631 0076948	58.2680	302.5844	16.1601	6793	411
150700	84 66	A	84204.79753457	100543640	28733-4	21022-3	0	58
15070	67.1393		47.1572 0075562	58.0242	302.8742	16.1658	9816	420

150700	34 66	A	84205.23055157	.00482067	28467-4	13254-3 0	.59
15070	07.1391		45.6765 0074568	57.0762	303.6842	16.16989317	427
150700	34 66	A	84205.23055157	.00482067	28467-4	13254-3 0	.60
15070	07.1391		45.6765 0074568	57.0762	303.6842	16.16989317	427
150700	34 66	A	84206.21994260	.00466661	28882-4	16896-3 0	.61
15070	07.1369		42.2863 0071584	55.8850	304.9310	16.17957635	443
150700	34 66	A	84207.08516700	.00321915	28700-4	10994-3 0	.62
15070	07.1399		39.3178 0069618	54.8620	306.2357	16.18936957	457
150700	34 66	A	84207.20866811	.00563909	28115-4	19043-3 0	.63
15070	07.1384		38.8930 0068856	54.7122	306.0914	16.19118458	459
150700	34 66	A	84207.82625514	.00334244	27806-4	19043-3 0	.64
15070	07.1356		36.7768 0122490	77.6773	277.1279	16.03962293	469
150700	34 66	A	84208.20153357	.00348929	28220-4	19686-3 0	.66
15070	07.1360		35.5189 0121618	76.9134	286.5556	16.04233457	475
150700	34 66	A	84209.26115213	.00369546	27807-4	20188-3 0	.67
15070	07.1339		31.9548 0119197	74.0441	287.4218	16.05044182	492
150700	34 66	A	84209.88420283	.00406996	27728-4	21968-3 0	.68
15070	07.1333		29.8569 0117300	73.3477	288.0477	16.05526433	502
150700	34 66	A	84210.19565539	.00378747	27818-4	20247-3 0	.69
15070	07.1336		28.8095 0116712	72.8188	288.6473	16.05752276	507
150700	34 66	A	84211.31653527	.00416434	27697-4	21269-3 0	.70
15070	07.1347		25.0330 0114116	71.4641	290.1139	16.06708455	525
150700	34 66	A	84212.18780643	.00398256	27754-4	19894-3 0	.71
15070	07.1348		22.0915 0111913	70.5643	290.6903	16.07395779	539

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15070U	E4 66	A	84213.24E23553	.00354765	27602-4	1505E-3	C	72
15070	67.1356		18.5192 010540E	69.3746	291.8845	16.0E236927		55E
15070U	84 66	A	84214.30231789	.00400586	27834-4	18662-3	0	74
15070	67.1355		14.9437 0106815	68.2180	293.0576	16.09105007		573
15070U	84 66	A	84214.79951178	.00313872	28151-4	18662-3	0	75
15070	67.1336		13.2742 0118770	135.8213	218.3941	16.04202447		581
15070U	84 66	A	84214.86304594	.00511832	28187-4	30082-3	0	76
15070	67.1350		13.0581 0118826	136.0168	225.0633	16.04266652		582
15070U	84 66	A	84215.36172641	.00458629	27561-4	26731-3	0	77
15070	67.1342		11.3808 0117031	135.4326	225.5478	16.04708486		590
15070U	84 66	A	84215.86029450	.03054315	27703-4	17714-2	0	78
15070	67.1260		9.7019 0115082	135.0784	225.9253	16.05046413		598
15070U	84 66	A	84216.04717810	.00446831	27627-4	25268-3	0	79
15070	67.1281		9.0832 0115790	135.9657	224.8151	16.05284051		601
15070U	84 66	A	84216.29642996	.00436838	27775-4	24478-3	0	80
15070	67.1334		8.2357 0115120	134.6267	226.4077	16.05514752		605
15070U	84 66	A	84217.29291101	.00779879	27519-4	43178-3	0	81
15070	67.1341		4.8775 0110825	133.3842	227.5292	16.06406405		621

15070U	84 66	A	84217.41745097	.00484402	27743-4	26113-3 0	82
15070	67.1329		4.4543 0112624	133.6648	227.3450	16.06404196	623
15070U	84 66	A	84218.22666984	.00408386	27909-4	21734-3 0	83
15070	67.1329		1.7269 0109511	132.4615	228.5920	16.07144204	636
15070U	84 66	A	84219.22215318	.00413428	27778-4	21410-3 0	84
15070	67.1326		358.3651 0106503	131.1484	229.9844	16.08002383	652
15070U	84 66	A	84220.21708740	.00424665	28260-4	21282-3 0	85
15070	67.1333		355.0003 0103820	130.1812	230.8808	16.08856723	668
15070U	84 66	A	84220.96294286	.00437642	28148-4	21348-3 0	86
15070	67.1327		352.4748 0101784	129.3021	231.7637	16.09521726	680
15070U	84 66	A	84221.27361824	.00436563	28296-4	21089-3 0	87
15070	67.1328		351.4239 0100873	129.0921	231.9329	16.09794930	685
15070U	84 66	A	84224.62525935	.00417178	27947-4	21975-3 0	91
15070	67.1505		340.0494 0131508	127.6720	229.5531	16.03040636	739
15070U	84 66	A	84224.93790816	.00390712	27570-4	20853-3 0	92
15070	67.1272		338.9953 0129711	126.5637	234.6623	16.03258083	744
15070U	84 66	A	84225.31219667	.00399007	27765-4	20853-3 0	93
15070	67.1303		337.7393 0129404	127.0647	234.2577	16.03542240	750
15070U	84 66	A	84227.86763917	.00369849	27889-4	18068-3 0	97
15070	67.1316		329.1419 0121436	123.7657	237.5255	16.05826757	791
15070U	84 66	A	84227.92992150	.00412370	27551-4	20081-3 0	98
15070	67.1310		328.9325 0121210	123.7536	237.5359	16.05891398	792

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15070U	84 66	A	84227.99220116	.00427422	28209-4	20617-3 0	99
15070	67.1307		328.7223 0121427	123.7074	237.5760	16.05948753	793
5070U	84 66	A	84229.11284896	.00454778	28251-4	21119-3 0	101
5070	67.1370		324.9451 0117647	122.5362	238.8474	16.07075788	811
15070U	84 66	A	84229.54841743	.00523236	28444-4	22565-3 0	103
15070	67.1210		323.4733 0100094	122.1163	240.4456	16.11149427	818
15070U	84 66	A	84229.61024216	.00515302	27975-4	21715-3 0	104
15070	67.1335		323.2633 0100953	121.8930	239.2186	16.11238059	819
15070U	84 66	A	84231.09934206	.00484679	28452-4	19145-3 0	106
15070	67.1285		318.2017 0096352	119.9060	241.1690	16.12767931	843
15070U	84 66	A	84232.21526294	.00479334	27978-4	18158-3 0	107
15070	67.1257		314.3999 0092569	118.5991	242.5595	16.13889950	861
15070U	84 66	A	84234.26170829	.00458386	27825-4	18158-3 0	111
15070	67.1226		307.4319 0106140	117.6294	243.6 14	16.10927802	894
15070U	84 66	A	84234.63418235	.00550191	28306-4	21087-3 0	112
15070	67.1253		306.1680 0105562	117.5488	243.7293	16.11362580	900
15070U	84 66	A	84235.31683417	.00463131	28180-4	17276-3 0	113
15070	67.1254		303.8483 0103950	117.1358	244.0794	16.11956835	911

15070U	84 66	A	84236.30932052	.00426262	28345-4	15472-3 0	115
15070	67.1257	300.4707	0100835	115.6179	245.5209	16.12826806	927
15070U	84 66	A	84236.86736874	.00497620	28445-4	17619-3 0	116
15070	67.1246	298.5701	0098993	114.9744	246.3080	16.1407901	936
15070U	84 66	A	84237.23925459	.00515322	28613-4	17808-3 0	118
15070	67.1256	297.3037	0098132	114.3787	246.8136	16.13811019	942
15070U	84 66	A	84233.26846065	.00503181	28466-4	18158-3 0	108
15070	67.1236	310.8058	0089255	117.3236	243.8279	16.14984904	878
15070U	84066	A	84233.51650190	.00543407	00000-0	00000-0 0	0109
15070	067.1422	309.9669	0111348	118.4062	242.8627	16.1025439700894	
15070U	84 66	A	84233.57806690	.00451004	28163-4	18158-3 0	110
15070	67.1278	309.7506	0108685	119.0749	239.0190	16.10280897	883

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Kosmos 1577

5077U	84 67	A	84179.26671669	.C00C0006	00000-0	CCCCC 0 0	1
5077	82.9437		18.3746 0053155	287.7901	71.7053	13.78217787	0
5077U	84 67	A	84179.33951859	.C00C0006	00000-0	CCCCC 0 0	2
5077	82.9570		18.3159 0036788	297.5121	62.1804	13.74160647	1
5077U	84 67	A	84179.48515372	.C00C0006	00000-0	CCCCC 0 0	3
5077	82.9574		18.2070 0035601	294.3000	65.4126	13.74106432	3

84-68A

Kosmos 1578

50ECL	E4 68	A	84180.82162275	-	.00000213	00000-0	00000	0 0	1
50EC	50.6818		47.7849	091574E	130.60E4	237.8225	13.79123623		0
50E0U	E4 68	A	84180.85408190	-	.00000213	00000-0	00000	0 0	2
50EC	50.6864		47.5291	091736C	130.7047	237.5795	13.78615505		1
5080U	84 68	A	84182.56126142	-	.00018303	00000-0	24739-3	0	24
5080	50.6849		41.0188	0916961	.135.8797	231.9081	13.78649462		24

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Kosmos 1579

5085U	84 69	A	84181.07484301	-1.00000394	00000-0	00000 0 0	1
5085	64.9992		319.0126	0019699	268.1650	91.8993 16.06712523	0
5085U	84 69	A	84181.07484772	-1.00000392	00000-0	00000 0 0	2
5085	65.0037		319.0180	0018994	264.5945	95.3087 16.06763859	0
5085U	84 69	A	84181.32374687	1.02333180	77561-2	36958-2 0	3
5085	64.9967		318.1036	0011364	269.1952	90.8799 16.06309216	4
5085U	84 69	A	84181.51058663	1.00218438	25837-4	28987-3 0	4
5085	65.0011		317.4167	0010362	265.8156	93.7474 16.06220594	7
5085U	84 69	A	84182.31999169	1.00037898	00000-0	50198-4 0	5
5085	65.0011		314.4539	0010431	271.8652	88.5252 16.06293859	20
5085U	84 69	A	84182.75587882	1.00080209	81830-5	11998-3 0	6
5085	65.0003		312.8563	0010203	268.9057	91.8690 16.06337299	28
5085U	84 69	A	84183.31619201	1.00089365	82267-5	11998-3 0	7
5085	65.0008		310.8033	0010349	271.1892	88.7163 16.06361837	37
5085U	84 69	A	84183.81425754	1.00067449	00000-0	87836-4 0	8
5085	65.0018		308.9793	0010318	271.2521	88.8702 16.06409240	45
5085U	84 69	A	84184.31231571	1.00067144	00000-0	87836-4 0	9
5085	64.9968		307.1520	0005634	270.4407	89.5132 16.06351971	53

15085U	84	69	A	84184.49910119	.00199410	22558-4	26657-3	0	10
15085	64.9970	306.4671	0009931	269.2686	90.8227	16.06269268			56
15085U	84	69	A	84185.12168309	.00021906	00000-0	29311-4	0	11
15085	65.0002	304.1849	0010409	276.9137	82.8138	16.06291381			66
15085U	84	69	A	84185.30851039	.00021911	00000-0	29311-4	0	12
15085	64.9992	303.4989	0010292	275.1013	84.9031	16.06301399			69
15085U	84	69	A	84186.36691234	.00018657	00000-0	29311-4	0	13
15085	65.0006	299.6188	0010415	275.5795	84.4676	16.06363073			86
15085U	84	69	A	84187.22850008	.00028209	00000-0	37285-4	0	14
15085	65.0013	296.4234	0010394	276.7307	83.3252	16.06421823			100
15085U	84	69	A	84187.98554315	.00017540	00000-0	23545-4	0	15
15085	64.9985	293.6840	0010585	274.3286	85.2266	16.06213164			112
15085U	84	69	A	84188.22465650	.00017567	00000-0	23549-4	0	16
15085	64.9994	292.7700	0010604	274.6480	85.1634	16.06337939			116
15085U	84	69	A	84189.23077850	.00040091	00000-0	52650-4	0	17
15085	64.9994	289.1193	0010419	273.7742	86.2851	16.06416101			132
15085U	84	69	A	84190.22683031	.00039462	00000-0	52650-4	0	18
15085	64.9964	285.4663	0010715	270.0317	89.7357	16.06155713			148
15085U	84	69	A	84190.60045840	.00125808	11635-4	16928-3	0	19
15085	65.0002	284.0952	0010118	266.1009	91.9187	16.06238580			154
15085U	84	69	A	84191.22304770	.00126113	11736-4	16928-3	0	20
15085	65.0016	281.8155	0010070	269.5302	90.2736	16.06279896			164
15085U	84	69	A	84191.65889154	.00047121	00000-0	-62424-4	0	21
15085	65.0013	280.2192	0010325	270.6823	89.1991	16.06272493			171

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50850	84 69	A	84193.33988415	▲00027728	00000-0	36738-4	0	23
5085	05.0000		274.0558 0010294	269.2107	90.7211	16.06380729		198
150850	84 69	A	84194.21147817	▲00032774	00000-0	43114-4	0	24
15085	05.0003		270.8609 0010295	268.6622	91.3835	16.06446710		212
50850	84 69	A	84194.33597836	▲00032755	00000-0	43114-4	0	26
5085	04.9970		270.3996 0010495	272.1364	87.8396	16.06483426		214
150850	84 69	A	84195.26978573	▲00032172	00000-0	43114-4	0	27
15085	04.9995		266.9781 0010057	270.5951	89.1155	16.06157781		229
150850	84 69	A	84195.83021898	▲00076494	72158-5	10385-3	0	28
15085	04.9988		264.9233 0009850	269.6576	90.4281	16.06246718		238
150850	84 69	A	84196.26602573	▲00041886	00000-0	55497-4	0	29
15085	04.9984		263.3258 0009777	266.5612	93.4083	16.06274953		245
150850	84 69	A	84196.88863315	▲00290495	43841-4	38480-3	0	30
15085	04.9997		261.0404 0009674	268.9944	91.0275	16.06388064		255
50850	84 69	A	84198.07141639	▲00028048	00000-0	37090-4	0	33
5085	04.9992		256.7056 0009883	270.7651	88.6584	16.06417262		274
50850	84 69	A	84198.25828237	▲00033033	00000-0	43547-4	0	34
5085	04.9977		256.0228 0009724	266.6577	93.3380	16.06423192		277
50850	84 69	A	84199.12984087	▲00032569	00000-0	43547-4	0	35
5085	04.9942		252.8285 0010443	263.7585	96.1017	16.06182388		291

150850	84	69	A	84199.	31665751	1.00081952	76606-5	11125-3	0	36
15085	64.	9974		252.	1413	0010817	263.4501	96.6491	16.06203695	294
150850	84	69	A	84200.	25056618	1.00011484	00000-0	15660-4	0	371
15085	64.	9974		248.	7194	0010831	264.2030	95.6538	16.06252097	309
150850	84	69	A	84201.	24677143	1.00027493	00000-0	36536-4	0	38
15085	64.	9972		245.	0658	0010751	263.9932	96.1408	16.06326026	325
150850	84	69	A	84202.	18061469	1.00026655	00000-0	35319-4	0	39
15085	64.	9971		241.	6410	0010707	264.7784	95.2299	16.06381256	340
150850	84	69	A	84204.	17275489	1.00028342	00000-0	38120-4	0	42
15085	64.	9963		234.	3341	0009604	268.9246	90.7576	16.06144882	372
150850	84	69	A	84204.	54640435	1.00114345	10318-4	15440-3	0	43
15085	64.	9976		232.	9659	0009586	270.5385	89.5162	16.06214366	378
150850	84	69	A	84204.	54640435	1.00114345	10318-4	15440-3	0	44
15085	64.	9976		232.	9659	0009586	270.5385	89.5162	16.06214366	378
150850	84	69	A	84205.	04448429	1.00076097	71320-5	10330-3	0	45
15085	64.	9976		231.	1399	0009983	270.8391	89.0550	16.06244731	386
150850	84	69	A	84205.	23128765	1.00006203	00000-0	87298-5	0	46
15085	64.	9982		230.	4560	0009607	269.6935	90.2584	16.06207228	389
150850	84	69	A	84205.	97845746	1.00068166	00000-0	89518-4	0	47
15085	64.	9969		227.	7170	0009990	270.9343	89.1739	16.06277449	401
150850	84	69	A	84206.	04069986	1.00016764	00000-0	22636-4	0	48
15085	64.	9969		227.	4900	0009770	269.5411	90.4545	16.06259885	402
150850	84	69	A	84206.	04069986	1.00016764	00000-0	22636-4	0	49
15085	64.	9969		227.	4900	0009770	269.5411	90.4545	16.06259885	402

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15085U	84 69	A	84217.99430995	.00020901	00000-0	28135-4 0	77
15085	64.9949	183.6532	0009596	272.6792	87.3313	16.06228308	594
15085U	84 69	A	84218.24335944	.00032884	00000-0	43793-4 0	78
15085	64.9960	182.7439	0009690	272.5604	87.4643	16.06259533	598
15085U	84 69	A	84219.05274240	.00032976	00000-0	43793-4 0	79
15085	64.9949	179.7764	0009766	273.6262	86.3692	16.06302501	611
15085U	84 69	A	84219.23952294	.00034038	00000-0	45134-4 0	80
15085	64.9969	179.0932	0009737	273.9739	86.0378	16.06320407	614
15085U	84 69	A	84219.79984762	.00034128	00000-0	45134-4 0	81
15085	64.9965	177.0382	0009984	277.1874	82.8064	16.06355955	623
15085U	84 69	A	84220.79595201	.00269170	38062-4	35548-3 0	85
15085	64.9957	173.3867	0009897	275.9204	84.0144	16.06435909	639
15085U	84 69	A	84221.04497224	.00149835	14647-4	19891-3 0	86
15085	64.9962	172.4712	0010001	274.6141	85.2865	16.06423501	643
15085U	84 69	A	84221.29400468	.00097304	89627-5	12969-3 0	87
15085	64.9972	171.5601	0010077	274.5084	85.4724	16.06462898	647
15085U	84 69	A	84221.91652070	.00096193	86382-5	12969-3 0	88
15085	64.9942	169.2732	0009982	272.7074	87.0021	16.06277230	657

15085U	84	69	A	84222.97483466	.00027651	00000-0	36708-4	0	91
15085	64.9962	165.3939	0010104	271.5143	87.6963	16.06352702	674		
15085U	84	69	A	84223.22400194	.00027718	00000-0	36708-4	0	93
15085	64.9972	164.4821	0010168	271.6749	88.3461	16.06390216	678		
15085U	84	69	A	84223.90881120	.00027324	00000-0	36708-4	0	94
15085	64.9958	161.9704	0009689	268.0366	91.7695	16.06175153	689		
15085U	84	69	A	84224.03337508	.00027367	00000-0	36708-4	0	95
15085	64.9960	161.5141	0009927	266.8039	93.2110	16.06194353	691		
15085U	84	69	A	84224.34469165	.00027452	00000-0	36708-4	0	96
15085	64.9942	160.3725	0009818	267.2198	92.8316	16.06246047	696		
15085U	84	69	A	84225.02955781	.00191445	21231-4	25556-3	0	97
15085	64.9988	157.8601	0009647	269.4218	90.5532	16.06306871	707		
15085U	84	69	A	84225.09141063	.00109272	98764-5	14662-3	0	98
15085	64.9972	157.6363	0010415	267.1314	90.4945	16.06309541	1		
15085U	84	69	A	84225.09141063	.00109272	98764-5	14662-3	0	99
15085	64.9972	157.6363	0010415	267.1314	90.4945	16.06309541	707		
15085U	84	69	A	84225.27861199	.00007189	00000-0	99999-5	0	100
15085	64.9967	156.9476	0009366	269.8427	90.2016	16.06274773	710		

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15085U	84 69	A	84206.97461045	100048975	00000-0	64506-4 0	51
15085	64.9964		224.0640 0010022	273.7714	86.2431	16.06323545	417
15085U	84 69	A	84207.22364262	100008749	00000-0	13341-4 0	52
15085	64.9974		223.1516 0005946	270.7577	89.2079	16.06304300	421
15085U	84 69	A	84207.22364911	100006735	00000-0	93789-5 0	53
15085	64.9976		223.1513 0005936	270.9760	89.0263	16.06302050	421
15085U	84 69	A	84208.03302468	100025626	00000-0	34054-4 0	54
15085	64.9950		220.1828 0005979	272.4721	87.6506	16.06363610	434
15085U	84 69	A	84208.28203225	100018829	00000-0	14718-4 0	55
15085	64.9964		219.2704 0010058	271.3503	88.6333	16.06357642	438
15085U	84 69	A	84208.40655132	100052949	00000-0	69207-4 0	56
15085	64.0042		218.8176 0011142	275.5822	84.4357	16.06400911	440
15085U	84 69	A	84209.15361205	100022908	00000-0	30485-4 0	58
15085	64.9968		216.0757 0010025	271.3842	88.8091	16.06416473	452
15085U	84 69	A	84210.02517785	100013992	00000-0	18743-4 0	59
15085	64.9954		212.8775 0010134	270.2179	89.7851	16.06461598	466
15085U	84 69	A	84210.21193824	100025661	00000-0	33857-4 0	60
15085	64.9955		212.1938 0010112	270.9863	89.0129	16.06475699	469
15085U	84 69	A	84211.02121825	100025141	00000-0	33857-4 0	61
15085	64.9966		209.2267 0010508	268.6976	91.0416	16.06142765	482
15085U	84 69	A	84211.33259146	100054358	00000-0	71935-4 0	62
15085	64.9974		208.0813 0005886	265.4309	94.6297	16.06218215	487

15085U	84 69	A	84212.01746017	.00054421	00000-0	71935-4 0	63
15085	64.9942	205.5722	0010184	262.6676	57.2422	16.06233409	458
15085U	84 69	A	84212.26652399	.00032240	00000-0	42948-4 0	64
15085	64.9965	204.6594	0010166	262.1222	97.8749	16.06250309	502
15085U	84 69	A	84213.21270504	.00009992	00000-0	13666-4 0	66
15085	64.9973	201.0086	0010143	265.8899	54.1250	16.06300550	518
15085U	84 69	A	84214.25885470	.00021874	00000-0	29201-4 0	68
15085	64.9966	197.3574	0010230	265.1317	94.8818	16.06336147	534
15085U	84 69	A	84215.06820447	.00149038	14578-4	19809-3 0	69
15085	64.9973	194.3896	0010004	256.9033	103.1762	16.06406132	547
15085U	84 69	A	84215.87747577	.00017129	00000-0	22794-4 0	71
15085	64.9967	191.4197	0010494	269.6902	90.1596	16.06469595	560
15085U	84 69	A	84216.00200779	.00180156	19300-4	23848-3 0	72
15085	64.9981	190.9660	0009990	266.3332	93.6479	16.06441105	562
15085U	84 69	A	84216.31327295	.00031431	00000-0	41254-4 0	73
15085	64.9962	189.8204	0010524	265.1219	94.8709	16.06490570	567
15085U	84 69	A	84216.99804261	.00340921	59014-4	45741-3 0	74
15085	64.9937	187.3077	0009458	271.9134	87.7762	16.06177077	578
15085U	84 69	A	84217.30940904	.00344364	60412-4	45741-3 0	75
15085	64.9952	186.1685	0010372	271.3272	88.6597	16.06318730	583
15085U	84 69	A	84217.62068610	.00020893	00000-0	28135-4 0	76
15085	64.9956	185.0276	0009763	274.9691	84.7625	16.06219819	588

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15085U	84 69	A	84227.95564382	.00025655	00000-0	33901-4 0	109
15085	64.9966		147.1355	0010155	268.2536	91.7158 16.06450155	753
15085U	84 69	A	84228.82717252	.01254980	10431-2	17184-2 0	111
15085	64.9923		143.9337	0009282	266.6941	92.9477 16.06204315	767
15085U	84 69	A	84229.07624039	.00122493	11144-4	16521-3 0	112
15085	64.9985		143.0253	0009296	261.7385	97.9783 16.06222565	771
15085U	84 69	A	84229.63664796	.00036559	00000-0	48692-4 0	114
15085	64.9949		140.9710	0009450	267.9662	91.9685 16.06234001	780
15085U	84 69	A	84229.63664796	.00036559	00000-0	48692-4 0	115
15085	64.9949		140.9710	0009450	267.9662	91.9685 16.06234001	781
15085U	84 69	A	84231.19314983	.00027636	00000-0	36790-4 0	118
15085	64.9958		135.2631	0009483	262.9687	96.8570 16.06321079	806
15085U	84 69	A	84232.18931311	.00027731	00000-0	36790-4 0	120
15085	64.9967		131.6120	0009615	263.5706	96.4360 16.06372852	822
15085U	84 69	A	84232.18931311	.00027731	00000-0	36790-4 0	121
15085	64.9967		131.6120	0009615	263.5706	96.4360 16.06372852	822
15085U	84 69	A	84232.99864449	.00011206	00000-0	15189-4 0	122
15085	64.9991		128.6457	0009510	261.2975	98.6622 16.06387429	835

15085U	84	69	A	84233.24767890	.00011230	00000-0	15189-4	0	123
15085	64.9949	127.7308	0009453	266.4372	93.6104	16.06425557	839		
15085U	84	69	A	84234.05698349	.00025988	00000-0	34326-4	0	124
15085	64.9973	124.7627	0009589	263.0206	97.0124	16.06464677	852		
15085U	84	69	A	84234.24373986	.00021410	00000-0	28388-4	0	125
15085	64.9966	124.0781	0009486	265.2720	94.7.35	16.06468801	855		
15085U	84	69	A	84234.92862397	.00020985	00000-0	28388-4	0	126
15085	64.9904	121.5881	0010370	257.0124	103.0820	16.06131096	866		
15085U	84	69	A	84235.05314062	.00074061	70704-5	10072-3	0	127
15085	64.9953	121.1098	0010887	261.2481	98.8245	16.06206298	868		
15085U	84	69	A	84235.05314062	.00074061	70704-5	10072-3	0	128
15085	64.9953	121.1098	0010887	261.2481	98.8245	16.06206298	868		
15085U	84	69	A	84235.30217837	.00021862	00000-0	29424-4	0	129
15085	64.9942	120.1972	0010559	262.0711	97.8902	16.06197945	872		
15085U	84	69	A	84236.29840610	.00024210	00000-0	32433-4	0	132
15085	64.9965	116.5428	0010814	261.3982	98.6238	16.06232342	888		
15085U	84	69	A	84236.60971100	.00308565	49007-4	40679-3	0	133
15085	64.9964	115.4008	0010447	268.5244	91.5701	16.06442377	893		
15085U	84	69	A	84237.04543827	.00100629	90935-5	13369-3	0	134
15085	64.9975	113.8040	0010128	265.4864	94.3164	16.06497791	900		
15085U	84	69	A	84237.23223182	.00110915	10043-4	14710-3	0	136
15085	64.9949	113.1196	0009432	268.0268	91.9626	16.06514946	903		

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parts 5

15085U	84 69	A	84237.60575819	.00109324	99917-5	14710-3 0	137
15085	64.9955		111.7489 0010639	272.7595	87.2054	16.06264462	909
15085U	84 69	A	84237.73028561	.00109976	10043-4	14710-3 0	138
15085	64.9960		111.2942 0010451	273.1067	86.8910	16.06362157	911
15085U	84 69	A	84238.22835373	.00053317	00000-0	69991-4 0	140
15085	64.9956		109.4655 0009753	268.6641	91.3296	16.06358955	919
15085U	84 69	A	84238.41512584	.00024978	00000-0	33236-4 0	141
15085	64.9948		108.7824 0009932	268.3819	91.6032	16.06353034	922
15085U	84 69	A	84238.72641755	.00007363	00000-0	10173-4 0	142
15085	64.9952		107.6397 0009787	269.7782	90.2147	16.06350890	927
15085U	84 69	A	84238.85093550	.00014038	00000-0	18922-4 0	143
15085	64.9960		107.1842 0009860	269.9839	90.0264	16.06360098	929
15085U	84 69	A	84240.96768765	.00011614	00000-0	15899-4 0	155
15085	64.9959		99.4209 0010177	265.4080	94.5711	16.06203698	963
15085U	84 69	A	84241.15448218	.00016609	00000-0	22483-4 0	156
15085	64.9951		98.7365 0010269	265.6132	94.3902	16.06211713	966
15085U	84 69	A	84241.46579735	.00022208	00000-0	29827-4 0	157
15085	64.9947		97.5944 0010310	265.1282	94.8767	16.06227910	971

15085U	84 69	A	84242.02615661	.00049142	00000-0	64826-4 0	158
15085	64.9958		95.5400 0010624	263.0802	96.9501	16.06283991	980
15085U	84 69	A	84242.21293431	.00046056	00000-0	60818-4 0	159
15085	64.9950		94.8555 0010281	263.8609	96.1392	16.06292127	983
15085U	84 69	A	84243.02231102	.00037381	00000-0	49376-4 0	161
15085	64.9942		91.8874 0010525	265.4895	94.5203	16.06339571	996
15085U	84 69	A	84243.20908319	.00034791	00000-0	45990-4 0	162
15085	64.9951		91.2029 0010482	265.4753	94.5183	16.06350321	999
15085U	84 69	A	84244.01842321	.00051221	00000-0	66982-4 0	163
15085	64.9943		88.2324 0010604	265.6648	94.3105	16.06412546	1012
15085U	84 69	A	84244.20519273	.00031680	00000-0	41790-4 0	164
15085	64.9943		87.5515 0010450	265.1092	94.8710	16.06409277	1015
15085U	84 69	A	84244.70323649	.00031504	00000-0	41487-4 0	165
15085	64.9952		85.7250 0010401	265.3594	94.6400	16.06440869	1023
15085U	84 69	A	84245.01450682	.00032188	00000-0	42311-4 0	166
15085	64.9945		84.5327 0010449	265.3219	94.1810	16.06462664	1028
15085U	84 69	A	84245.32577215	.00032237	00000-0	42311-4 0	167
15085	64.9945		83.4353 0010612	266.1109	93.8900	16.06484297	1033
15085U	84 69	A	84245.51252995	.00031550	00000-0	42311-4 0	168
15085	64.9990		82.7582 0010656	280.7271	79.1157	16.06143631	1036
15085U	84 69	A	84245.82388380	.00168728	16914-4	22459-3 0	169
15085	64.9933		81.6120 0008015	267.8555	92.1899	16.06208264	1041

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15085U	84 69	A	84246.01066712	.00087275	78820-5	11812-3 0	170
15085	64.9951		30.9276	0009562	269.5885	90.4487 16.06251327	1044
15085U	84 69	A	84246.19744554	.00050430	00000-0	66731-4 0	171
15085	64.9940		80.2433	0009646	269.0964	90.8858 16.06248567	1047
15085U	84 69	A	84246.82005684	.00225661	27872-4	30051-3 0	172
15085	64.9952		77.9605	0009643	273.0983	86.8288 16.06324967	1057
15085U	84 69	A	84247.19360959	.00225761	27757-4	30049-3 0	175
15085	64.9940		76.5895	0009842	277.2538	82.6121 16.06326051	1063
15085U	84 69	A	84247.44266059	.00064800	00000-0	84918-4 0	176
15085	64.9935		75.6773	0010029	274.1477	85.7942 16.06326636	1067
15085U	84 69	A	84248.00298859	.00032791	00000-0	43435-4 0	177
15085	64.9960		73.6241	0009734	270.9188	89.0169 16.06349739	1076
15085U	84 69	A	84248.31428877	.00038356	00000-0	50579-4 0	178
15085	64.9961		72.4824	0009827	271.8280	88.1779 16.06374901	1081
15085U	84 69	A	84250.80457844	.00029421	00000-0	38896-4 0	187
15085	64.9945		63.3477	0010252	270.2174	89.8196 16.06399639	1121
15085U	84 69	A	84253.04577650	.00051852	00000-0	67946-4 0	195
15085	64.9941		55.1279	0009469	270.6137	89.4675 16.06400184	1157

15085U	84	69	A	84253.29478617	.00051903	00000-0	67946-4	0	196
15085	64.9944	54.2120	0009904	270.0021	89.9917	16.06409230	1161		
15085U	84	69	A	84254.04183832	.00046757	00000-0	61081-4	0	197
15085	64.9926	51.4733	0009957	269.9294	90.0318	16.06469391	1173		
15085U	84	69	A	84254.22860466	.00035579	00000-0	46701-4	0	198
15085	64.9935	50.7904	0009744	270.5354	89.4509	16.06471799	1176		
15085U	84	69	A	84254.47761970	.00035062	00000-0	46701-4	0	199
15085	64.9921	49.8750	0010618	265.0825	94.7231	16.06219609	1180		
15085U	84	69	A	84254.91348979	.00035200	00000-0	46701-4	0	200
15085	64.9953	48.2772	0010544	267.1741	92.8635	16.06285173	1187		
15085U	84	69	A	84254.97574310	.00015737	00000-0	21230-4	0	201
15085	64.9925	48.0497	0010799	266.2433	93.7513	16.06275980	1188		
15085U	84	69	A	84255.90963455	.00035755	00000-0	47268-4	0	203
15085	64.9948	44.6245	0010322	264.7093	95.2773	16.06345294	1203		
15085U	84	69	A	84256.90574469	.00043412	00000-0	56905-4	0	205
15085	64.9945	40.9706	0010714	265.1519	94.8308	16.06417709	1219		
15085U	84	69	A	84257.27927527	.00032321	00000-0	42557-4	0	206
15085	64.9947	39.6024	0010488	266.9559	93.0132	16.06432346	1225		
15085U	84	69	A	84257.34153485	-.00493650	00000-0	-71951-3	0	207
15085	64.9931	39.3722	0010535	268.3128	91.6191	16.06220316	1226		
5085U	84069	A	84257.65285113	.00000000	00000-0	00000-0	0	0	0208
5085	064.9896	038.2281	0006497	239.0103	121.0329	16.0633865901231			

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part 7

15085U	84 69	A	84258.27545425	.00012574	00000-0	17048-4 0	209
15085	64.9940		35.9488 0010094	270.1630	89.8476	16.06315935	1241
15085U	84 69	A	84259.95639634	.00014906	00000-0	19994-4 0	214
15085	64.9946		29.7858 0009709	269.1712	90.8047	16.06416223	1268
15085U	84 69	A	84260.57899636	.00096223	87634-5	12967-3 0	217
15085	64.9974		27.5042 0010797	257.7408	102.2881	16.06267785	1278
15085U	84 69	A	84261.01480749	.00012835	00000-0	17400-4 0	218
15085	64.9953		25.9029 0010343	265.8777	94.1044	16.06305744	1285
15085U	84 69	A	84262.25998246	.00024337	00000-0	32344-4 0	221
15085	64.9953		21.3396 0010420	266.1219	93.8835	16.06367447	1305
15085U	84 69	A	84262.94480461	.00022967	00000-0	30510-4 0	222
15085	64.9959		18.8281 0010253	264.8051	95.1813	16.06396708	1316
15085U	84 69	A	84263.25608655	.00021978	00000-0	29204-4 0	223
15085	64.9963		17.6854 0010243	265.6018	94.3972	16.06410089	1321
15085U	84 69	A	84264.00314714	.00025369	00000-0	33518-4 0	224
15085	64.9953		14.9448 0010369	266.3592	93.6487	16.06450482	1333
15085U	84 69	A	84264.25216098	.00022488	00000-0	29772-4 0	225
15085	64.9952		14.0316 0010407	266.7145	93.2714	16.06456551	1337

15085U	84 69	A	84264.37667061	.00022082	00000-0	29772-4 0	226
15085	64.9927		13.5722	0009689	266.8892	92.8428 16.06185629	1339
15085U	84 69	A	84264.87482953	.00022167	00000-0	29772-4 0	227
15085	64.9932		11.7466	0009723	265.2619	94.8106 16.06244383	1347
15085U	84 69	A	84265.24838862	.00035020	00000-0	46549-4 0	228
15085	64.9945		10.3766	0009601	265.5778	94.4408 16.06276247	1353
15085U	84 69	A	84265.87098680	.00021518	00000-0	28806-4 0	229
15085	64.9944		8.0946	0009691	268.0182	91.9571 16.06307077	1363
15085U	84 69	A	84266.30680720	.00031187	00000-0	41392-4 0	230
15085	64.9951		6.4980	0009500	265.1818	94.8368 16.06336353	1370
15085U	84 69	A	84267.24066950	.00035532	00000-0	46869-4 0	232
15085	64.9948		3.0718	0009505	266.7503	93.2699 16.06399576	1385
15085U	84 69	A	84268.23674328	.00035286	00000-0	46869-4 0	234
15085	64.9942		359.4179	0010218	264.2409	95.6893 16.06271726	1401
15085U	84 69	A	84271.52125648	-.00000036	00000-0	00000 0 0	241
15085	65.0582		347.8764	0057394	222.0877	137.5768 13.85349388	1455
15085U	84 69	A	84271.98220149	-.00000035	00000-0	00000 0 0	242
15085	65.0563		346.9388	0057104	222.3261	137.3249 13.85343608	1460
15085U	84 69	A	84272.34315073	-.00000036	00000-0	00000 0 0	243
15085	65.0550		346.0087	0057748	221.7428	137.9118 13.85333143	1465

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Kosmas 1580

Lpp: 29 jeni!

Ned: 13 juli 1984

5090U	84 70	A	84181.73796379	-	100000442	00800-0	00000 0 0	1
5090	62.8208		92.6251 0077726		118.8489 240.3059		15.92729187	2
5090U	84 70	A	84181.80105106	-	101137673	62367-3	24694-2 0	2
5090	62.8043		92.3582 0077852		118.5236 242.3657		15.92692313	3
5090U	84 70	A	84181.86383454	-	100324411	60299-4	80464-3 0	3
5090	62.8048		92.1122 0077899		118.8715 242.0217		15.92729587	4
5090U	84 70	A	84182.05217657	-	100019250	00800-0	41845-4 0	4
5090	62.8095		91.3772 0077994		118.9090 241.9460		15.92742923	7
5090U	84 70	A	84182.24053229	-	100019174	00000-0	41849-4 0	5
5090	62.8062		90.6609 0077459		118.6958 242.1914		15.92742903	10
5090U	84 70	A	84182.42888170	-	100020836	00800-0	41849-4 0	6
5090	62.8065		89.9177 0080808		119.5830 241.5321		15.93668229	13
5090U	84 70	A	84182.67283157	-	100037986	00800-0	39133-4 0	7
5090	62.8133		88.9215 0032793		73.9644 299.6180		16.09112242	17
5090U	84 70	A	84182.92613879	-	100329149	59787-4	33733-3 0	8
5090	62.8072		87.9362 0032289		73.8674 286.6494		16.09155931	21
5090U	84 70	A	84183.17472183	-	100055489	00800-0	56728-4 0	9
5090	62.8038		86.9396 0032368		73.3227 287.8572		16.09148663	25

5090U	84 70	A	84183.17472183	00055489	00000-0	56728-4 0	10
5090	62.8038		86.9396 0032368	73.3227	287.0572	16.09148663	25
5090U	84 70	A	84183.17472183	00055489	00000-0	56728-4 0	11
5090	62.8038		86.9396 0032368	73.3227	287.0572	16.09148663	25
5090U	84 70	A	84184.10684646	0002458	00000-0	43334-4 0	12
5090	62.8087		83.2393 0032267	72.3692	288.0674	16.09258870	40
5090U	84 70	A	84185.22531230	00077103	00000-0	76989-4 0	13
5090	62.8050		78.7835 0032464	72.0257	288.4371	16.09400904	58
5090U	84 70	A	84185.24956981	00077152	00000-0	76989-4 0	14
5090	62.8045		78.2902 0032378	71.9941	288.4700	16.09416985	60
5090U	84 70	A	84185.84661720	00212005	38401-4	29466-3 0	15
5090	62.8066		76.3104 0032418	71.7181	288.6841	16.09474276	68
5090U	84 70	A	84186.34262563	00015379	00000-0	15847-4 0	16
5090	62.8063		74.3311 0032207	71.2980	288.9157	16.09516592	76
5090U	84 70	A	84186.84066623	00102073	13053-4	10406-3 0	17
5090	62.8087		72.3544 0032067	70.8484	289.6622	16.095582150	84
5090U	84 70	A	84187.21554707	00066711	00000-0	85865-4 0	18
5090	62.8066		70.6209 0032088	71.9921	288.4787	16.09651473	91
15090U	84 70	A	84188.20735857	00070612	00000-0	69012-4 0	19
15090	62.8080		66.9091 0031926	71.8562	288.6185	16.09783879	106
15090U	84 70	A	84189.01486403	00050493	00000-0	87546-4 0	20
15090	62.8082		63.6871 0031362	72.1678	288.2746	16.09901543	119
15090U	84 70	A	84189.26331753	00073111	00000-0	70905-4 0	21
15090	62.8085		62.6596 0031393	71.4301	289.0052	16.09926146	123

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15090U	84 70	A	84190.07075625	.00065555	0000-0	62556-4 0	22
1509C	62.8074		59.4815 0031086	71.9580	288.4544	16.10037401	136
15090U	84 70	A	84190.56761721	.00038060	0000-0	36553-4 0	23
1509C	62.8085		57.5000 0031642	70.2888	290.1070	16.10078131	144
15090U	84 70	A	84191.25079145	.00068866	0000-0	65818-4 0	24
1509C	62.8082		54.7261 0031073	71.4351	289.0981	16.10182181	155
15090U	84 70	A	84192.24437855	.00069454	0000-0	65755-4 0	25
1509C	62.8088		50.8132 0031109	70.9588	289.4698	16.10317171	171
15090U	84 70	A	84194.23134705	.00068877	0000-0	64108-4 0	27
1509C	62.8080		42.8916 0030921	71.1108	289.3499	16.10583675	203

84-71A

Kosmos 1581

095U	E4 71	A	84187.422	(8271	.C0000187	00000-C	00000 0 0	4
095	E2.9651	194.2985	7341826	318.2518	4.6E50	2.03356233		4

84-72A

Meteor 2-11

upp: 5,246'

15099U	84 72	A	84189.52357324	.CCCC1112	00000-0	99999-3 0	79
15099	82.5318		2.0115 CC11931	257.7629	102.2195	13.83438951	303
15099U	84 72	A	84222.35888275	.00001112	00000-0	99999-3 0	40
15099	82.5347		335.9102 0013706	161.0199	199.1396	13.83449646	484
15099U	84 72	A	84228.72342903	.00001112	00000-0	99999-3 0	48
15099	82.5318		330.8501 0012486	142.7677	217.4176	13.83451070	572

84-73A

Sojus T-12

Upp: 17 juli Ned: 29 juli 1984

51190	84 73	A	84199.79035573	-	100008345	57740-4	00000 0 0	1
5119	51.6022		210.4278	0020428	74.3727	285.4952	16.23086030	1
51190	84 73	A	84199.85200594	-	100008359	57821-4	00000 0 0	2
5119	51.4981		210.0956	0026664	82.5038	277.3922	16.22049004	2
51190	84 73	A	84200.03691283	-	100000482	00000-0	00000 0 0	3
5119	51.5952		209.1836	0024518	238.0110	115.1831	15.93603787	5
51190	84 73	A	84200.28890459	-	100000474	00000-0	25151-5 0	4
5119	51.5999		207.8554	0023792	237.9676	121.7811	15.93492715	9
51190	84 73	A	84200.53972265	-	100425226	80325-4	10295-2 0	5
5119	51.5978		206.5298	0024687	222.6568	137.7130	15.95178389	14
51190	84 73	A	84200.66493856	-	101554632	16274-2	39725-2 0	6
5119	51.5982		205.8685	0021897	221.2081	138.7376	15.95124413	10
51190	84 73	A	84200.72758096	-	101308519	10084-2	32604-2 0	7
5119	51.6010		205.5304	0024424	222.7610	137.1401	15.95122986	11
51190	84 73	A	84204.15295173	-	100010296	00000-0	68359-4 0	9
5119	51.5969		187.8942	0016495	310.9138	49.1307	15.75262611	64

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Kosmos 1582

Lp: 19,241

51210	84	74	A	84201.59516303	100000092	00000-0	00000 0 0	
5121	82.3483	91.0271	0045844	90.2805	269.8762	16.10226317		
151210	84	74	A	84201.59516303	100000092	00000-0	00000 0 0	3
15121	82.3483	91.0271	0045844	90.2805	269.8762	16.10226317		4
151210	84	74	A	84202.15456786	100040770	00000-0	35482-4 0	4
15121	82.3492	90.3777	0045620	88.6803	272.1921	16.10308196		13
151210	84	74	A	84202.15455479	100077173	00000-0	67231-4 0	9
15121	82.3486	90.3778	0045563	88.6160	272.0813	16.10316240		13
151210	84	74	A	84202.34093946	100041820	00000-0	67231-4 0	6
15121	82.3670	90.1733	0019998	74.8309	283.8114	16.02961757		16
151210	84	74	A	84204.27640662	100044948	00000-0	71698-4 0	8
15121	82.3481	87.9404	0019210	69.9353	290.3760	16.03117499		47
151210	84	74	A	84204.77577133	100044978	00000-0	71698-4 0	9
15121	82.3480	87.3663	0019202	67.9568	292.8100	16.03129940		55
151210	84	74	A	84205.21272049	100041263	00000-0	65086-4 0	10
15121	82.3490	86.8660	0019173	67.7032	292.6205	16.03161526		62
151210	84	74	A	84205.83690415	100088125	23975-5	14092-3 0	11
15121	82.3461	86.1506	0019610	64.4138	295.4439	16.03167219		72

151210	84 74	A	84206.21142303	.00031382	00000-0	49907-4 0	12
15121	82.3474		85.7191 0019057	63.2787	297.0591	16.03207823	78
151210	84 74	A	84207.27249463	.00032626	00000-0	51677-4 0	13
15121	82.3458		84.5009 0019107	58.5725	301.7184	16.03269880	95
151210	84 74	A	84208.02146715	.00099551	33976-5	15815-3 0	15
15121	82.3488		83.6443 0018477	55.2598	305.0150	16.03332912	107
151210	84 74	A	84208.27111809	.00040390	00000-0	63781-4 0	16
15121	82.3480		83.3567 0018552	55.6136	304.6411	16.03324155	111
151210	84 74	A	84209.27001048	.00035752	00000-0	63781-4 0	18
15121	82.3465		82.2101 0012720	28.4430	331.7074	16.01448785	127
151210	84 74	A	84210.20728752	.00032098	00000-0	57108-4 0	19
15121	82.3466		81.1365 0012524	25.5662	334.6201	16.01510536	142
151210	84 74	A	84211.33196567	.00029010	00000-0	51460-4 0	20
15121	82.3463		79.8482 0012489	21.6540	338.4927	16.01571365	160
151210	84 74	A	84212.26917329	.00028079	00000-0	49677-4 0	21
15121	82.3469		78.7755 0012283	18.5556	341.1732	16.01622414	175
151210	84 74	A	84213.26882268	.00026205	00000-0	46213-4 0	22
15121	82.3469		77.6256 0012015	14.5768	345.1651	16.01670529	191
151210	84 74	A	84214.26844613	.00024296	00000-0	42801-4 0	23
15121	82.3474		76.4847 0011902	11.2635	348.8698	16.01715598	207
151210	84 74	A	84215.01814722	.00233393	22496-4	41159-3 0	24
15121	82.3491		75.6258 0011755	9.0878	351.1054	16.01811681	219

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forts. 1

15123U	84 75	A	84219.13197519	.00018098	00000-0	21024-3 0	26
15123	72.8922	107.2935	0042899	184.1191	175.8472	15.60551048	197
15123U	84 75	A	84219.26020876	.00175712	00000-0	19947-2 0	27
15123	72.8913	106.9860	0042788	184.3933	175.6818	15.60537731	199
15123U	84 75	A	84220.28590187	.00026749	00000-0	31000-3 0	29
15123	72.8934	104.5420	0042546	181.1238	178.8338	15.60548609	215
15123U	84 75	A	84220.67056624	.00185301	00000-0	21088-2 0	30
15123	72.8873	103.6230	0041989	181.1039	178.9436	15.60487289	221
15123U	84 75	A	84221.69619933	.00085659	00000-0	97106-3 0	31
15123	72.8893	101.1764	0043282	179.1637	181.1816	15.60825068	237

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Lupp: 24, 26i Ned: 8 aug. 1984

151230	84 75	A	84206.51951290	-	.00001662	11544-4	00000 0 0	1
15123	72.8949		137.4419 0123541		84.7693	276.7350	15.98099894	0
151230	84 75	A	84206.83251771	-	.00001675	11589-4	00000 0 0	2
15123	72.8869		136.6490 0123259		85.0230	276.6249	15.98135108	5
151230	84 75	A	84207.20821026		122238453	11739-4	20459-1 0	3
15123	72.9080		135.7429 0128223		85.4145	276.1364	15.97222357	11
151230	84 75	A	84207.52885162		100008632	00000-0	99999-4 0	4
15123	72.8945		134.9514 0043052		210.3500	149.6240	15.60624668	16
151230	84 75	A	84208.23398634		.00058991	00000-0	67600-3 0	6
15123	72.8915		133.2784 0043597		208.8670	150.9848	15.60621879	27
151230	84 75	A	84208.23399067		100059067	00000-0	67600-3 0	7
15123	72.8924		133.2760 0044043		209.0395	150.8426	15.60629595	27
151230	84 75	A	84208.36219523		100059015	00000-0	67600-3 0	8
15123	72.8906		132.9704 0044033		228.7475	151.1141	15.60606941	29
151230	84 75	A	84208.93912287		.00198203	00000-0	22332-2 0	9
15123	72.8907		131.5913 0043597		206.9143	152.8909	15.60621027	38
151230	84 75	A	84209.25964387		100082574	00000-0	71565-3 0	10
15123	72.8933		130.8308 0043930		206.2310	153.5994	15.60642028	43

15123U	84 75	A	84209.51608422	.00082458	00000-0	71565-3 0	11
15123	72.8910		130.2173 004424E	206.2694	153.5638	15.60575871	47
15123U	84 75	A	84210.28533162	.00062534	00000-0	71565-3 0	12
15123	72.8927		128.3857 0043721	204.6479	155.4868	15.60635300	59
15123U	84 75	A	84210.60583E71	.00036660	00000-0	42484-3 0	13
15123	72.8948		127.6400 0040E38	204.4547	155.3146	15.60577428	64
15123U	84 75	A	84211.31095205	.00583746	00000-0	60900-2 0	14
15123	72.8921		125.9427 0043178	202.2012	157.2969	15.60661205	75
15123U	84 75	A	84212.27255902	.00078265	00000-0	89603-3 0	16
15123	72.8928		123.6487 0043486	199.6380	160.1186	15.60584364	90
15123U	84 75	A	84212.84952321	.00078139	00000-0	89603-3 0	17
15123	72.9028		122.2805 0043368	197.6987	162.1236	15.60549604	99
15123U	84 75	A	84213.2341E13E	.0007E21E	00000-0	89603-3 0	1E
15123	72.8933		121.3546 00429EE	157.4576	162.51E3	15.60E5E042	10E
15123U	84 75	A	84213.6E25C363	.00017198	00000-0	1598E-3 0	19
15123	72.8892		120.2857 004260E	156.5149	1E3.33E1	15.60E5E4823	112
15123U	84 75	A	84216.31128188	.00015244	00000-0	17728-3 0	22
15123	72.8915		114.0179 0042880	190.4296	169.5495	15.60559390	153
15123U	84 75	A	84217.08057612	.00024344	00000-0	28203-3 0	23
15123	72.8922		112.1837 0042850	188.6885	171.3749	15.60556833	165
15123U	84 75	A	84217.20878546	.00024430	00000-0	28203-3 0	24
15123	72.8860		111.8808 0043790	189.6594	170.4289	15.60594605	167
15123U	84 75	A	84218.23447677	.00017240	00000-0	20031-3 0	25
15123	72.8927		109.4324 0042919	186.1781	173.7821	15.60554991	183

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Ned: 10 Aug. 84

151310	84 76	A	84209.42917133	100000842	-59523-5	00000 0 0	1
15131	82.3040	106.8262	0050249	97.3154	262.7545	16.21610634	1
151310	84 76	A	84209.61416002	100000855	-58240-5	00000 0 0	2
15131	82.3380	106.4695	0045419	98.0943	261.6493	16.23318210	5
151310	84 76	A	84209.67580298	100310347	-57968-5	99999-4 0	3
15131	82.3345	106.3978	0045322	98.4794	262.1518	16.23340912	6
151310	84 76	A	84209.73744831	100319072	-60967-5	99999-4 0	4
15131	82.3320	106.3236	0046682	98.8588	261.7973	16.23370767	7
151310	84 76	A	84210.23054814	100246521	-59889-5	76893-4 0	5
15131	82.3359	105.7402	0044866	97.2219	263.4332	16.23639199	15
151310	84 76	A	84210.41543844	100134504	-56856-5	76893-4 0	6
15131	82.3451	106.5109	0135140	98.4873	248.3253	16.00826609	18
151310	84 76	A	84210.60555273	100131962	-52979-5	76893-4 0	7
15131	82.3387	105.3016	0137964	98.9502	262.7777	16.00851675	21
151310	84 76	A	84211.35556877	100132067	-57015-5	75634-4 0	8
15131	82.3360	104.4410	0137878	95.0275	266.0026	16.01056520	33
151310	84 76	A	84212.23057837	100108733	-53327-5	61700-4 0	9
15131	82.3356	103.4381	0137459	92.2087	269.4368	16.01229455	47

15131U	84 76	A	84213.23043213	.00111706	-54495-5	62922-4	0	10
15131	82.3364		102.2918	0136741	88.3364	273.3754	16.01453678	63
15131U	84 76	A	84214.29260212	.00108548	-52484-5	60894-4	0	12
15131	82.3356		101.0727	0135833	84.2215	277.3933	16.01677824	80
15131U	84 76	A	84214.85488273	.00107026	-53215-5	60894-4	0	13
15131	82.3405		100.4404	0134046	81.3006	280.4130	16.01871434	89
15131U	84 76	A	84216.29151809	.00129853	-58935-5	72239-4	0	15
15131	82.3337		98.7765	0133515	76.4799	285.2228	16.02233475	112
15131U	84 76	A	84217.29070196	.00130012	-51876-5	72239-4	0	16
15131	82.3356		97.6300	0132319	72.6704	288.8854	16.02488937	128
15131U	84 76	A	84219.22620500	.00145843	-51874-5	80275-4	0	17
15131	82.3353		95.4056	0130413	65.1781	296.2160	16.02973052	159
15131U	84 76	A	84219.78802526	.00184572	-55837-5	10060-3	0	18
15131	82.3331		94.7616	0130498	62.6936	298.6480	16.03073449	168
15131U	84 76	A	84220.28739194	.00134418	-54999-5	72842-4	0	19
15131	82.3348		94.1869	0130018	61.0921	300.3083	16.03212267	176
15131U	84 76	A	84222.28442661	.00130876	-50087-5	69879-4	0	21
15131	82.3373		91.8889	0128370	53.2974	307.9283	16.03699938	208

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15142U	84	77	A	84214.01134080	.00404124	35308-4	14913-3	0	
15142	64.7300	170.5004	0096651	63.4768	297.7307	16.13387103			
15142U	84	77	A	84214.32122547	.00685686	35365-4	24652-3	0	4
15142	64.7308	169.3404	0095553	63.4191	297.7928	16.13803476			13
15142U	84	77	A	84214.32122547	.00685686	35365-4	24652-3	0	5
15142	64.7308	169.3404	0095553	63.4191	297.7928	16.13803476			13
15142U	84	77	A	84215.18840852	.03027417	35146-4	10390-2	0	7
15142	64.7311	166.0909	0091561	63.2936	297.3074	16.14945786			27
15142U	84	77	A	84215.74565688	.00636558	35217-4	20916-3	0	9
15142	64.7283	164.0004	0090776	63.0013	297.7037	16.15592472			36
15142U	84	77	A	84216.11706352	.00735909	35386-4	23619-3	0	10
15142	64.7296	162.6007	0089329	63.2578	297.7504	16.16079396			42
15142U	84	77	A	84216.24082373	.00646211	35283-4	20551-3	0	11
15142	64.7296	162.1406	0089100	63.1250	297.8792	16.16221898			44

15142U	84 77	A	84217.23045644	.00689891	35421-4	20551-3 0	12
15142	84.7300	158.4198	0085488	63.0158	297.9051	16.17516710	60
15142U	84 77	A	84217.84857327	.00574766	35821-4	16487-3 0	13
15142	64.7285	156.0928	0083356	62.4934	298.3722	16.18284226	70
15142U	84 77	A	84218.09575873	.00493589	34887-4	16487-3 0	14
15142	64.7287	155.1656	0109878	66.2242	293.5437	16.11866158	74
15142U	84 77	A	84218.96446635	.00655205	35107-4	21213-3 0	15
15142	64.7281	151.9150	0107390	66.3096	294.8510	16.12626925	88
15142U	84 77	A	84219.21251230	.00657959	35656-4	20911-3 0	16
15142	64.7292	150.9903	0106581	66.3248	294.9142	16.12963518	92
15142U	84 77	A	84220.26611999	.00632613	35433-4	19040-3 0	18
15142	64.7302	147.0485	0102813	65.9990	295.0052	16.14214998	109
15142U	84 77	A	84221.25701802	.00677633	35194-4	19274-3 0	19
15142	64.7309	143.3337	0099014	65.6699	295.3865	16.15474172	125
15142U	84 77	A	84222.30895220	.00707079	35429-4	18861-3 0	20
15142	64.7295	139.3832	0094536	65.3843	295.6626	16.16925428	142
15142U	84 77	A	84223.23632483	.00764124	35248-4	18861-3 0	21
15142	64.7277	135.8914	0090538	65.2126	296.0515	16.18395114	157
15142U	84 77	A	84224.28625129	.00838604	35759-4	18861-3 0	22
15142	64.7268	131.9317	0085758	65.0630	296.0821	16.20134478	174
15142U	84 77	A	84224.47139040	.00633474	34338-4	18861-3 0	23
15142	64.7289	131.2367	0136751	60.9760	294.7038	16.07534729	177
15142U	84 77	A	84225.21869989	.00654643	34827-4	18861-3 0	24
15142	64.7272	128.4633	0133386	60.8910	300.6074	16.08526290	189

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parts. 1

15142U	84 77	A	84231.23896031	.00386475	34866-4	14516-3 0	35
15142	64.7245		105.9935 0116940	75.4291	285.9667	16.09361181	286
15142U	84 77	A	84231.73602565	.00357549	34836-4	13220-3 0	36
15142	64.7271		104.1461 0115433	74.9304	286.5738	16.09821964	294
15142U	84 77	A	84232.29503917	.00495329	35150-4	17808-3 0	37
15142	64.7259		102.0626 0113485	74.7927	286.8744	16.10442322	303
15142U	84 77	A	84233.28825817	.00518225	35181-4	17808-3 0	38
15142	64.7257		98.3587 0110218	74.5384	286.8836	16.11517731	319
15142U	84 77	A	84234.28083641	.00543835	34969-4	17808-3 0	39
15142	64.7251		94.6511 0106639	74.0164	287.5403	16.12675912	335
15142U	84 77	A	84235.27265965	.00522922	34746-4	16408-3 0	40
15142	64.7239		90.9423 0103331	73.5327	287.6774	16.13728216	351
15142U	84 77	A	84236.26389886	.00525155	35326-4	15780-3 0	41
15142	64.7256		87.2274 0100055	73.2688	287.9216	16.14770909	367
15142U	84 77	A	84237.25445904	.00602254	35341-4	17099-3 0	43
15142	64.7253		83.5084 0096597	72.7348	288.4287	16.15957037	383
15142U	84 77	A	84237.68759630	.00691440	35794-4	19061-3 0	44
15142	64.7237		81.8818 0094499	72.4197	288.8994	16.16622306	390

15142U	84 77 A	84237.93498477	.00478760	35003-4	19061-3 0	45
15142	64.7232	80.9585 0121768	85.6871	270.0494	16.07805464	394
15142U	84 77 A	84237.00690679	.00619510	35162-4	17831-3 0	42
15142	64.7267	84.4388 0097432	72.8456	288.4236	16.15666335	379
15142U	84 77 A	84238.24695463	.00488405	34385-4	19>32-3 0	46
15142	64.7248	79.7977 0120941	85.3195	276.1901	16.08127674	399
15142U	84 77 A	84241.04281060	.00622723	35261-4	21469-3 0	54
15142	64.7232	69.3895 0111548	83.7504	277.6209	16.11212272	9
15142U	84 77 A	84241.53926759	.00649263	34931-4	21753-3 0	55
15142	64.7223	67.5357 0109505	83.3764	278.0469	16.11884893	17
15142U	84 77 A	84242.28354670	.00685647	35340-4	22017-3 0	56
15142	64.7224	64.7549 0106182	83.1145	278.3325	16.12936220	464
15142U	84 77 A	84243.21319152	.00687096	35409-4	20825-3 0	57
15142	64.7223	61.2757 0102394	82.9240	278.3458	16.14220968	479
15142U	84 77 A	84243.83255968	.00366443	34154-4	20825-3 0	58
15142	64.7271	58.9661 0137415	104.5274	248.5880	16.01022352	489
15142U	84 77 A	84244.27124347	.00364099	34565-4	20825-3 0	59
15142	64.7234	57.3515 0135271	103.9649	257.7107	16.01378539	496
15142U	84 77 A	84245.02050706	.00358031	34214-4	20034-3 0	60
15142	64.7317	54.5855 0133604	103.7832	257.8620	16.01947701	508
15142U	84 77 A	84245.33261848	.00359562	34485-4	20034-3 0	61
15142	64.7240	53.4465 0132720	103.6171	257.9670	16.02168164	513

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parts 2

151420	84 77	A	84246.08150760	.00463300	34533-4	25382-3 0	62
15142	64.7210		50.6891 0130498	103.6095	257.9258	16.02754448	525
151420	84 77	A	84246.26869348	.00389475	34408-4	21189-3 0	63
15142	64.7240		49.9954 0130265	102.9445	258.5980	16.02897636	528
151420	84 77	A	84247.14198467	.00388523	34058-4	20566-3 0	64
15142	64.7245		46.7766 0128241	102.7286	258.8334	16.03589117	542
151420	84 77	A	84247.89021444	.00461117	34444-4	23750-3 0	69
15142	64.7225		44.0116 0126280	102.4131	259.2091	16.04245923	554
151420	84 77	A	84248.32653006	.00397797	34080-4	20358-3 0	66
15142	64.7238		42.4002 0125058	102.0830	259.4386	16.04569495	561
151420	84 77	A	84253.34940992	.00482577	34849-4	19901-3 0	76
15142	64.7256		23.6192 0115495	120.4384	240.8749	16.08670239	642
151420	84 77	A	84254.03309776	.00547468	34745-4	21741-3 0	77
15142	64.7246		21.0780 0113385	120.1623	241.2505	16.09450390	653
151420	84 77	A	84254.28159552	.00552832	35366-4	21694-3 0	78
15142	64.7229		20.1517 0112545	120.1670	241.0847	16.09733936	657

15142U	84 77 A	84254.77851529	.00680159	34849-4	25871-3 0	79
15142	64.7233	18.2993 0110318	120.0148	241.4398	16.10460420	665
15142U	84 77 A	84256.64001373	.00390031	34189-4	22752-3 0	82
15142	64.7277	11.3527 0122822	135.7650	222.2568	16.03572156	695
15142U	84 77 A	84257.32644556	.00376191	33930-4	21940-3 0	83
15142	64.7236	8.8211 0120394	135.7803	225.1676	16.04041832	706
15142U	84 77 A	84258.26146073	.00368146	34362-4	21010-3 0	84
15142	64.7235	5.3669 0117909	135.4755	225.6194	16.04760612	721
15142U	84 77 A	84262.30830631	.00307835	34757-4	16019-3 0	88
15142	64.7203	350.3749 0107497	134.1671	226.7607	16.07765307	786
15142U	84 77 A	84262.74369880	.00372574	34519-4	19107-3 0	89
15142	64.7217	348.7569 0106243	133.7242	227.3613	16.08125506	793
15142U	84 77 A	84263.24113269	.00356551	34860-4	17766-3 0	90
15142	64.7215	346.9099 0106145	133.7523	227.2040	16.08468880	801
15142U	84 77 A	84264.11142034	.00552756	35083-4	27077-3 0	91
15142	64.7192	343.6717 0102264	133.4871	227.7258	16.09313733	815
15142U	84 77 A	84264.29779375	.00480327	35173-4	23233-3 0	92
15142	64.7207	342.9793 0102302	133.4083	227.5291	16.09461279	818
15142U	84 77 A	84265.29168775	.00469019	35316-4	21849-3 0	93
15142	64.7205	339.2761 0099066	133.3710	227.7303	16.10462823	834
15142U	84 77 A	84266.28493825	.00437798	34932-4	19644-3 0	94
15142	64.7201	335.5731 0096204	133.3055	227.6639	16.11393247	850

84-77A

Kosmos 1585

forts.3

151420	84	77	A	84267.27765373	.00492711	34874-4	21149-3	0	95
15142	64.7203	331.8661	0093143	132.9391	228.2450	16.12406074	866		
151420	84	77	A	84267.58769141	.00756920	35113-4	32041-3	0	96
15142	64.7214	330.7076	0090947	132.7953	228.2157	16.12907403	871		
151420	84	77	A	84268.26949129	.00866394	35102-4	35254-3	0	97
15142	64.7223	328.1572	0087918	132.4863	228.2098	16.13855242	882		
151420	84	77	A	84268.64124931	.00738927	35419-4	28972-3	0	98
15142	64.7203	326.7623	0087014	132.7824	228.0373	16.14420404	888		
151420	84	77	A	84269.26053465	.00629598	35585-4	23968-3	0	99
15142	64.7191	324.4418	0084469	132.7888	227.8532	16.15189150	898		

84-78A

Gorizont 10

Upp: 7 augusti'

15144U	84 78	A	84214.67577305	-.00000166	00000-0	99999-4 0	
15144	1.5178	284.0052	0016829	305.9064	54.3359	1.00139644	3
15144U	84 79	A	84214.95447850	-.00000027	00000-0	00000 0 0	
15144	48.6455	284.1437	7287772	359.7792	0.1515	2.27144464	0
15144U	84 79	A	84215.17430555	-.00000161	00000-0	99999-4 0	2
15144	0.1035	14.0721	0000100	90.0539	255.8789	0.99886633	0
15144U	84 78	A	84217.67357892	-.00000148	00000-0	00000 0 0	9
15144	1.5059	284.9340	0016874	306.2972	53.6839	1.00125354	37
15144U	84 78	A	84219.68294903	.00000031	00000-0	00000 0 0	13
15144	1.5098	284.9165	0035019	13.3722	347.2155	0.99586241	6
15145U	84 78	B	84215.87199941	.03522507	59354-4	40382-3 0	8
15145	51.6280	278.9955	0007482	285.0937	74.9875	16.35987948	16

84-79A

Kosmos 1586

Upp: 2 aug 1

15147U	84 79	A	84215.41031378	-.00000183	00000-0	99999-4 0	1
15147	62.9381	30.1825	7351096	318.2368	4.5553	2.02993027	3
15147U	84 79	A	84218.37104416	-.00001077	00000-0	00000 0 0	8
15147	62.9445	29.7387	7368261	318.2659	4.5020	2.00817964	9
15147U	84 79	A	84219.86490136	-.00001057	00000-0	00000 0 0	10
15147	62.9429	29.5231	7367923	318.2758	4.4802	2.00817738	12

84-80D

5162U	84	80	D	84218.65712078	.03122638	-20395-4	15077-2	0	4
5162	30.3507	275.7905	0298247	203.1108	155.5776	15.67023650	43		
162U	84	80	D	84216.24180462	.00003580	00000-0	39377	0	0
162	55.3999	171.8941	1146214	205.1798	151.0555	9.31640874	1075		

84-80A

GMS-3

Upp: 2 aug 1

5152U	84	80	A	84217.44787476	-.00000142	00000-0	99999-4	0	5
5152	1.8888	283.2654	0082069	189.9702	182.3509	0.99238746			3
5152U	84	80	A	84217.66666666	-.00000052	00000-0	99999-4	0	6
5152	1.9200	283.2970	0137826	221.7491	228.2989	0.99786116			3

157U	84	80	C	84216.55134611	-.00001464	18965-4	99999-4	0	2
157	29.1263	295.1493	7339898	178.5054	186.6307	2.23465603			2
157U	84	80	C	84217.45196389	.00020760	18995-4	14070-2	0	3
157	29.0539	294.8455	7352076	179.0115	184.5169	2.22382034			4
157U	84	80	C	84218.34835227	.00020988	18756-4	14070-2	0	4
157	29.0520	294.5604	7351611	179.4990	182.3221	2.22452821			6

84-81 B

Telecom 1-A

Upp från Kourou med Ariane 3-V10, 4 aug, 1

15159U	84	81	B	84217.36200180	.00001106	00000-0	99999-4 0	1
15159				7.1610 329.1741 7312007	178.8072 185.5200	2.26758404		0
15159U	84	81	B	84218.67938921	.00000728	00000-0	99999-4 0	2
15159				6.9618 329.1058 7300462	179.2728 183.7441	2.27441309		3
15159U	84	81	B	84220.17552808	-.00000002	00000-0	99999-4 0	5
15159				0.3971 135.9000 0155683	192.7200 30.4350	1.02250115		5
15159U	84	81	B	84236.10194223	-.00000039	00000-0	99999-4 0	13
15159				0.0813 95.2444 0002484	315.9001 309.0855	1.00272365		20

84-81A

ECS-2

Upp från Kourou med Ariane 3 - V10, 4 aug

15158U	84	81	A	84217.57719907	-.00002141	23131-4	99999-4	0	3
15158				6,9857 330.3515 7316723	177.5092	1.4266	2.26268257		1
15158U	84	81	A	84220.20046940	-.00000083	00000-0	99999-4	0	5
15158				0.1683 194.0732 0032309	317.2650	208.9152	1.00681893		5
15158U	84	81	A	84220.99999999	-.00000033	00000-0	00000	0 0	6
15158				0.1810 196.9944 0021961	317.1075	136.2144	1.00848765		7
15158U	84	81	A	84221.19218988	-.00000030	00000-0	00000	0 0	9
15158				0.1865 197.1385 0021966	315.3925	207.5540	1.00852219		7
15158U	84	81	A	84227.13585442	.00000067	00000-0	00000	0 0	14
15158				0.2502 268.0722 0035959	245.0784	206.4147	1.00878029		13
15158U	84	81	A	84233.99999999	.00000139	00000-0	00000	0 0	17
15158				0.0788 236.5362 0015939	283.4494	174.4252	1.00950624		20

84-82A

Kosmos 2587

Upp: 6 aug, Ned: 31 aug.

15163U	84 82	A	84219.70032441	- .00001649	11351-4	00000 0 0	2
15163	72.8495	169.7815	0128262	86.4766	275.1069	15.97148681	2
15163U	84 82	A	84219.76296114	.00106353	11643-4	99999-4 0	3
15163	72.8560	169.6212	0128015	86.2579	275.3254	15.97181826	3
15163U	84 82	A	84220.38930065	.00041948	11324-4	40455-4 0	4
15163	72.8569	168.0387	0127108	84.9264	276.6569	15.97320342	13
15163U	84 82	A	84221.14085737	.00042685	11484-4	40455-4 0	5
15163	72.8559	166.1431	0127430	83.4595	278.2824	15.97474057	25
15163U	84 82	A	84221.26607762	.00145341	11490-4	13378-3 0	6
15163	72.8581	165.8284	0127057	82.7768	278.8485	15.97573468	27
15163U	84 82	A	84222.26791318	.00129124	11271-4	11775-3 0	7
15163	72.8578	163.3003	0126418	80.1682	281.2750	15.97825194	43
15163U	84 82	A	84222.70619459	.00128258	11620-4	11775-3 0	8
15163	72.8593	162.1926	0125289	79.4458	282.1271	15.97955089	50
15163U	84 82	A	84223.20701652	.00140715	11664-4	12781-3 0	9
15163	72.8574	160.9294	0125141	78.0478	283.4903	15.98103296	58

15163U	84 82	A	84223.52000612	.00144261	11407-4	13029-3 0	10
15163	72.8582	160.1391	0124974	77.2322	284.2901	15.98200261	63
15163U	84 82	A	84223.58260098	.00143517	11685-4	13012-3 0	11
15163	72.8578	159.9792	0124610	77.1066	284.4144	15.98222044	64
15163U	84 82	A	84224.33369368	.00156767	11557-4	14068-3 0	12
15163	72.8574	158.0840	0124001	75.2217	286.2709	15.98450599	76
15163U	84 82	A	84224.89694471	.00110956	11245-4	98993-4 0	13
15163	72.8579	156.6579	0123884	73.7066	287.7563	15.98596979	85
15163U	84 82	A	84225.33498571	.00161851	11454-4	14307-3 0	14
15163	72.8592	155.5513	0123274	72.8578	288.6119	15.98768226	92
15163U	84 82	A	84228.02500506	.00182690	11946-4	15756-3 0	20
15163	72.8588	148.7501	0120459	66.4669	294.8566	15.99581699	135
15163U	84 82	A	84228.58786325	.00178638	11551-4	15270-3 0	22
15163	72.8591	147.3245	0120101	64.8807	296.4541	15.99759598	144
15163U	84 82	A	84231.02618205	.00021345	11323-4	19567-4 0	28
15163	72.8632	141.1480	0122572	58.6248	302.2025	15.99249564	183
15163U	84 82	A	84231.15137748	.00001639	00000-0	19567-4 0	29
15163	72.8710	140.8571	0043841	210.8598	138.6084	15.60611021	185
15163U	84 82	A	84231.21733242	.00069524	00000-0	79674-3 0	30
15163	72.8696	140.6996	0043057	210.8189	149.0351	15.60612693	186
15163U	84 82	A	84231.73015402	.00069116	00000-0	79674-3 0	31
15163	72.8702	139.4734	0044193	209.4703	150.3239	15.60620366	194

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Kosmos 1587

for 15.1

15163U	84	82	A	84232.05068127	.00041393	00000-0	47496-3 0	32
15163	72.8692	138.7080	0044513	208.7395	151.0702	15.60610726	199	
15163U	84	82	A	84232.30710703	.00041355	00000-0	47496-3 0	33
15163	72.8687	138.0990	0044225	208.4870	151.3649	15.60601237	203	
15163U	84	82	A	84232.81993952	.00041334	00000-0	47496-3 0	34
15163	72.8690	136.8729	0044225	206.7391	153.0676	15.60590461	211	
15163U	84	82	A	84233.26868293	.00041353	00000-0	47496-3 0	35
15163	72.8700	135.8022	0044304	205.9721	153.8976	15.60597182	218	
15163U	84	82	A	84237.30737015	.00004012	00000-0	46940-4 0	39
15163	72.8685	126.1624	0044112	196.8974	163.0254	15.60549020	281	
15163U	84	82	A	84238.26897410	.00012055	00000-0	14029-3 0	40
15163	72.8700	123.8661	0044050	194.7056	165.1881	15.60538974	296	
15163U	84	82	A	84242.24368330	.00000922	00000-0	11408-4 0	44
15163	72.8702	114.3765	0042903	184.9862	174.9427	15.60494368	358	
15163U	84	82	A	84243.20533962	.00000924	00000-0	11408-4 0	46
15163	72.8692	112.0820	0042978	183.6350	176.4218	15.60486193	373	

84-83A

Kosmos 1588

Lpp: 7 augi

15167U	84	83	A	84221.00911706	-.00000133	00000-0	00000	0	0	1
15167	65.0319	334.0540	0014296	277.8727	87.5905	15.43405709				1
15167U	84	83	A	84221.07292193	.00236507	00000-0	50776-2	0	2	2
15167	65.0308	333.8425	0014465	278.4038	81.5577	15.43480141				2
15167U	84	83	A	84225.47921134	.00095274	00000-0	20882-2	0	10	10
15167	65.0319	319.1451	0013461	279.4055	80.4310	15.43461509				70
15167U	84	83	A	84228.00623177	.00004342	00000-0	98853-4	0	15	15
15167	65.0304	310.7157	0013399	278.4271	81.5446	15.43466587				109
15167U	84	83	A	84267.27247967	.00002039	00000-0	47994-4	0	62	62
15167	65.0314	179.7159	0010710	277.7826	82.0761	15.43488026				715
15167U	84	83	A	84282.24027994	.00010638	00000-0	24138-3	0	81	81
15167	65.0299	129.7832	0011230	283.9987	75.8820	15.43421571				946
15167U	84	83	A	84304.01181981	.00004815	00000-0	11247-3	0	114	114
15167	65.0317	57.1485	0012103	287.1531	72.8291	15.43418146				1282

84-84A

Kosmos 1589

Lisp: 8 aug,

15171U	84	84	A	84221.73283989	.000000004	00000-0	00000	0	0	2
15171	82.6493	165.9674	0004525	298.4886	63.3268	12.41848484				2
15171U	84	84	A	84221.89357357	.00141189	00000-0	10000	1	0	3
15171	82.5970	165.8589	0005161	290.2728	69.8417	12.41990345				4
15171U	84	84	A	84223.26299465	.00000152	00000-0	10782	-2	0	5
15171	82.5983	165.0204	0005041	282.6752	77.3763	12.41993046				21
15171U	84	84	A	85 20.06489508	.000000004	00000-0	00000	0	0	178
15171	82.5968	65.2564	0005023	285.8120	74.2407	12.41992150				2042
15171U	84	84	A	85 58.97303000	.000000004	00000-0	00000	0	0	221
15171	82.5965	41.3983	0005581	186.9123	173.1857	12.41992022				2525
15171U	84	84	A	85 79.91737627	.000000004	00000-0	00000	0	0	247
15171	82.5995	28.5647	0006528	140.5308	219.6257	12.41992148				2785

15171U	84	84	A	85	89.90621890	.00000004	00000-0	00000	0	0	261
15171	82.6023	22.4478	0006952	122.0963	238.0836	12.41992418	2909				
5171U	84	84	A	85	97.96173483	.00000004	00000-0	99999-7	0		269
5171	82.6037	17.5145	0007258	106.8165	253.3706	12.41991837	3009				

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Molviya TBN

Upp: 9 aug 1

15182U	84	85	A	84223.05434641	-.00000051	00000-0	00000	0	0	1
15182	62.8597	269.7983	7482460	280.0347	10.6683	1.95736000				1
15182U	84	85	A	84225.09750508	.00000189	00000-0	00000	0	0	3
15182	62.8603	269.4116	7479813	280.0678	11.0252	1.95818022				5

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Progress 23

15193U	84 86	A	84227.32346614	-	.00008284	57287-4	00000	0	0	1
15193	51.6015		69.5137	0048040	88.9695	271.6763	16.20560572			1
15193U			84227.44680486	0.00255980	57514-4	10000-3	0			2
15193	51.6317		68.8247	0046952	90.1449	270.4858	16.20423508			3
15193U			84227.57011554	0.01021824	54962-4	61527-3	0			3
15193	51.6290		68.1457	0107916	93.2073	264.8423	16.05570269			5
1 15193U			84227.75737902	0.00430566	55717-4	26019-3	0			4
2 15193	51.6326		67.1354	0107664	94.0584	267.1712	16.05698228			3
15193U			84228.00631862	0.00312506	55316-4	18900-3	0			5
15193	51.6330		65.7990	0107226	95.1607	266.1298	16.05846190			12
1 15193U			84228.25522842	0.00364169	55690-4	21775-3	0			6
2 15193	51.6303		64.4597	0106921	95.8457	265.4494	16.05993128			16
15193U			84228.56933187	0.00048205		21775-3	0			8
15193	51.6275		62.7768	0051956	171.2083	188.9476	15.81394684			21
15193U	84 86	A	84232.44785312	.00017393	00000-0	15483-3	0			10
15193	51.6032		42.9738	0017785	153.2731	206.9143	15.68403355			82

15193U	84	86	A	84232.44785312	.00017393	00000-0	15483-3	0	10
15193	51.6032	42.9738	0017785	153.2731	206.9143	15.68403355	82		
15193U	84	86	A	84240.86220097	.00519166	00000-0	37664-2	0	17
15193	51.6357	0.1514	0032923	297.2225	62.4666	15.70635941	13627		

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Kosmos 1590

Lupp: 16 aug.

Ned: 30 aug.
1984

15197U	84 87	A	84229.46421800	.000000096	00000-0	00000 0 0	1
15197	82.3644		138.9804 0041790	102.0040	258.3789	16.13111945	1
15197U	84 87	A	84229.65036060	-.00031637	00000-0	-24071-4 0	2
15197	82.3540		138.7563 0041421	101.1256	259.4589	16.13093664	4
15197U	84 87	A	84229.65036060	.00355149	-16886-5	26906-3 0	3
15197	82.3540		138.7563 0041421	101.1256	259.4589	16.13093664	4
15197U	84 87	A	84229.71239680	.00355524	-17534-5	26906-3 0	4
15197	82.3531		138.6835 0041226	100.9082	259.6825	16.13126790	5
15197U	84 87	A	84229.77443536	.00035911	00000-0	27049-4 0	5
15197	82.3501		138.6097 0042315	100.6151	259.9907	16.13067820	6
15197U	84 87	A	84231.20668130	.00040718	00000-0	66546-4 0	9
15197	82.3555		136.9577 0006725	1.7281	358.4470	16.03053101	29
15197U	84 87	A	84232.33026404	.00027515	00000-0	44934-4 0	10
15197	82.3553		135.6670 0006671	356.4547	3.5470	16.03099649	47
15197U	84 87	A	84234.01562129	.00031390	00000-0	50986-4 0	11
15197	82.3535		133.7347 0006592	347.1647	12.9013	16.03184577	74

15197U	84	87	A	84235.32638106	.00023075	00000-0	37403-4	0	12
15197	82.3529	132.2301	0006313	338.2562	21.7881	16.03240792			95
15197U	84	87	A	84236.01296202	.00163970	10821-4	26605-3	0	13
15197	82.3569	131.4483	0006467	331.7370	28.3473	16.03319579			106
15197U	84	87	A	84236.13778809	.00148442	84127-5	26605-3	0	14
15197	82.3522	131.3035	0012539	353.3141	5.9474	16.01494648			108
15197U	84	87	A	84236.32538654	.00004543	00000-0	80576-5	0	15
15197	82.3513	131.0881	0012703	351.5835	8.4943	16.01464249			111
15197U	84	87	A	84237.26265179	.00023453	00000-0	41741-4	0	17
15197	82.3518	130.0148	0012909	347.4848	12.5942	16.01513452			126
15197U	84	87	A	84238.26237406	.00037207	00000-0	65864-4	0	18
15197	82.3530	128.8715	0012638	342.7197	17.3963	16.0581882			142
15197U	84	87	A	84241.19883380	.00028647	00000-0	50362-4	0	23
15197	82.3545	125.5110	0012097	331.8541	28.2224	16.01735047			189
15197U	84	87	A	84242.26088211	.00042772	00000-0	74693-4	0	24
15197	82.3539	124.2950	0012060	326.9124	33.1842	16.01814477			206

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AMPTF

15199U	84 88	A	84232.92446898	-.00000088	00000-0	00000 0 0	5
15199	4.8203		5.0710 7639333	2.2926	359.5865	1.53312084	6
15199U	84 88	A	84231.61901361	-.00000088	00000-0	00000 0 0	3
15199	4.8272		5.2388 7648528	1.8494	359.0932	1.52359411	4
15200U	84 88	B	84230.30972222	-.00000321	00000-0	99999-4 0	0
15200	29.0693		6.0776 8941204	0.4000	0.4187	0.53804172	1
15201U	84 88	C	84230.30329390	-.00000321	00000-0	99999-4 0	0
15201	29.0693		6.0781 8941204	0.3992	359.1738	0.53804172	0
15202U	84 88	D	84231.80866904	.00000173	00000-0	99999-4 0	2
15202	28.9134		2.3468 2028747	10.5041	353.2041	10.72673669	24

15206U	84 88	F	84230.30672258	-.00000091	00000-0	99999-4 0	0
15206	28.6640		6.2634 7796009	0.3189	353.5182	1.55522057	3

84-89A

Molviya 1 BP

15214U	84	89	A	84237.40356531	-.00000079	00000-0	00000	0	0	2
15214	62.8314	49.4963	7469902	280.0747	10.6396	1.95316440				2
15214U	84	89	A	84240.48246865	.00000262	00000-0	00000	0	0	12
15214	62.7860	49.1200	7474073	280.0515	10.6775	1.94834782				8

84-90A

Ekran 13

15219U	84	90	A	84237.82577299	-.00000289	00000-0	99999-4	0	1	
15219				0.1009 270.0037 0003000	59.9911	29.9876	1.00800080		1	
15220U	84	90	B	84238.85906470	.02354813	59157-4	.29332-3	0	8	
15220				51.6137 274.4705 0007232	254.1858	105.8284	16.35245263		15	
1	15225U	84	90	E	84239.19243268	0.00000062		10000-3	0	1
2	15225			47.4501 279.6576 7239189	0.1055	2.1969	2.28944045		4	

84-91A

LISAF-satelliit (SDS)

Lõppmed Titan 3B 28 augusti

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84-92A

Kosmos 1591

Lpp: 30
aug.Ned: 13 sept.
1984

152320	84 92	A	84243.54025252	.00000098	00000-0	00000 0 0	1
15232	82.3310		157.5858	0047764	103.9934	256.6816 16.12180239	2
152320	84 92	A	84243.66439100	.00000098	00000-0	00000 0 0	2
15232	82.3243		157.4393	0047752	103.3921	257.2696 16.12181621	4
152320	84 92	A	84244.53333023	.00105775	-53184-5	66190-4 0	3
15232	82.2887		156.5185	0118721	156.3279	198.2949 16.03743603	18
152320	84 92	A	84245.03382483	.00967876	52926-3	15948-2 0	5
15232	82.3275		155.8503	0008332	304.4293	55.2490 16.03300357	26
152320	84 92	A	84245.09630049	.00957908	51381-3	15948-2 0	6
15232	82.3300		155.7769	0009658	317.4910	42.4552 16.03091107	27
152320	84 92	A	84245.34596837	.00965635	52404-3	15948-2 0	7
15232	82.3182		155.4951	0010145	329.2074	30.6019 16.03219442	31
152320	84 92	A	84245.47003741	.00009440	00000-0	15355-4 0	8
15232	82.3270		155.3460	0010235	309.9443	50.0419 16.03094546	33
152320	84 92	A	84245.97021955	.00009463	00000-0	15355-4 0	9
15232	82.3244		154.7745	0009852	299.7739	60.3131 16.03145320	41

15232U	84 92	A	84246.28230842	.00009462	00000-0	15355-4 0	10
15232	82.3230		154.4136	0009770	301.1283	58.9094 16.03150518	46
15232U	84 92	A	84247.21859721	.00034346	00000-0	55479-4 0	11
15232	82.3264		153.3347	0009525	298.4991	61.6254 16.03220990	61
15232U	84 92	A	84248.34205898	.00039957	00000-0	64176-4 0	12
15232	82.3249		152.0395	0009848	293.5277	66.4833 16.03297886	79
15232U	84 92	A	84249.83992924	.00050910	00000-0	80934-4 0	14
15232	82.3279		150.3162	0009628	287.1219	72.8777 16.03443056	103
15232U	84 92	A	84254.21325745	.00032464	00000-0	57442-4 0	20
15232	82.3245		145.2908	0003152	305.9029	54.2252 16.01753034	173
15232U	84 92	A	84255.96245407	.00042732	00000-0	74820-4 0	22
15232	82.3202		143.2821	0004019	309.4283	50.6350 16.01899241	201

84-93D

15237U	84-93	D	84246.52202286	-	.00000060	00000-0	99999-7 0	4
15237	23.5029	345.6443	7231622		0.1533	1.6677	2.12242825	3
15237U	84 93	D	84247.46200148	-	.00000060	00000-0	99999-7 0	6
15237	23.6038	345.4114	7231826		0.6169	359.8618	2.12231333	5
15237U	84 93	D	84247.23038724	-	.00000050	00000-0	99999-4 0	8
15237	0.2793	333.9950	0356688		21.6538	4.1966	0.98777960	5

84-93C

15236U 84 93 C 84248.85318288 -.00000106 00000-0 99999-4 0 19
~~15236 3.5620 295.5000 0225384 55.8500 185.5000 1.03070829 9~~

84-93B

152350	84	93	B	84246.36346802	-	.00000160	00000-0	99999-4	0	7	
15235	0.6037	303.8244	0038775	41.3105	14.7471	1.01178861				5	
152350	84	93	B	84247.35179623	-	.00000172	00000-0	00000	0	0	9
15235	0.6032	303.4296	0038704	41.8499	14.6049	1.01179633				6	

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STS 41D ()

Ned: 5 Sept. 1984

152340	84 93	A	84243.56156249	.00139764	00000-0	40999-3 0	1
15234	28.4680		1.0511 0004832	288.4733	328.9036	15.91130041	0
152340	84 93	A	84244.14446767	.00125317	00000-0	40999-3 0	4
15234	28.4691		356.6304 0012848	251.8694	108.1302	15.88901175	11
152340	84 93	A	84244.33286084	.00125631	00000-0	40999-3 0	5
15234	28.4693		355.2244 0012815	254.1656	105.7590	15.88950112	14
152340	84 93	A	84245.08735837	.00111530	00000-0	40999-3 0	71
15234	28.4637		349.6043 0024408	252.6292	107.1113	15.86228808	26
1 152340	84 93	A	84245.33900017	.00111666	00000-0	40999-3 0	8
2 15234	28.4703		347.7429 0024793	255.8441	103.8947	15.86237641	30
152340	84 93	A	84245.65405092	.00140287	00000-0	40999-3 0	9
15234	28.4691		345.4033 0003111	287.3432	75.1187	15.91212317	33
152340	84 93	A	84245.84175928	.00141144	00000-0	40999-3 0	10
15234	28.4660		343.9956 0004621	296.0022	64.0667	15.91318464	36

152340	84	93	A	84246.02986956	.00141417	00000-0	40999-3	0	11
15234	28.4674	342.5895	0004452	302.7310	57.2713	15.91356682			39
152340	84	93	A	84246.28069153	.00141532	00000-0	40999-3	0	12
15234	28.4704	340.7120	0003830	294.8289	65.1504	15.91376382			43
152340	84	93	A	84246.46881191	.00140559	00000-0	40999-3	0	13
15234	28.4670	339.2983	0003367	316.3564	43.5491	15.91247619			46
152340	84	93	A	84246.61238425	.00141281	00000-0	40999-3	0	14
15234	28.4688	338.2293	0003911	299.6503	164.5016	15.91342186			48
152360	84	93	C	84246.49563971	.00000146	00000-0	99999-4	0	15
15236	26.6657	351.8306	7282239	6.3423	0.1705	2.26482890			6
152340	84	93	A	84247.40934712	.00142947	00000-0	40999-3	0	18
15234	28.4712	332.2278	0004334	235.8004	124.2681	15.91562068			61
152340	84	93	A	84247.67222222	.00143566	00000-0	40999-3	0	19
15234	28.4681	330.2994	0002880	292.4810	136.9616	15.91652704			65
152340	84	93	A	84248.03628897	.00145674	00000-0	40999-3	0	20
15234	28.4789	327.5747	0002732	237.2237	123.0474	15.91929094			71
152340	84	93	A	84248.34965556	.00147098	00000-0	40999-3	0	21
15234	28.4709	325.2217	0003020	265.4172	94.7408	15.92111800			76
152340	84	93	A	84248.44791666	.00148818	00000-0	40999-3	0	22
15234	28.4694	324.4875	0002734	247.2476	317.2992	15.92332062			79
152340	84	93	A	84248.81030092	.00148501	00000-0	40999-3	0	24
15234	28.4670	321.7676	0001875	274.5375	211.7733	15.92294297			85

84-94A

Kosmos 1592

Upp: 4 sept Ned: 18 sept 1984

15257U	84 94	A	84248.42228342	-	.00001664	11571-4	00000 0 0	1
15257	72.8723	143.7635	0119041	85.3899	276.0582	15.99654392	0	0
15257U	84 94	A	84248.67244893	-	.00001670	11559-4	00000 0 0	2
15257	72.8755	143.1220	0117516	84.4768	276.8239	15.99410770	4	
15257U	84 94	A	84248.73502642	-	.00001682	11683-4	00000 0 0	3
15257	72.8779	142.9615	0119077	85.3013	276.1827	15.99394757	5	5
15257U	84 94	A	84252.90919085	.00046528	00000-0	52720-4 0	11	11
15257	72.8778	132.3187	0046768	66.0518	294.5431	16.06572564	72	
15257U	84 94	A	84253.15827590	.00047693	00000-0	53869-4 0	12	
15257	72.8795	131.6844	0046872	65.4746	295.1631	16.06607708	76	76
15257U	84 94	A	84254.27908232	.00058726	00000-0	65605-4 0	13	
15257	72.8760	128.8192	0046897	62.2275	298.4033	16.06734358	94	
15257U	84 94	A	84256.02236699	.00070379	00000-0	77459-4 0	15	
15257	72.8766	124.3671	0046640	57.9376	302.5784	16.06949027	122	122
15257U	84 94	A	84260.52000112	.00000351	00000-0	76680-6 0	22	
15257	72.8764	112.9658	0082778	58.3890	302.5153	15.97897699	194	

84-95A

Kosmos 1593-95

15259U	84	95	A	84251.88898248	.00000018	00000-0	00000	0	0	11
15259	64.7609	230.2390	0007992	175.6008	104.3744	2.12711696				8
15259U	84	95	A	84256.10478400	.00000018	00000-0	99999-4	0		20
15259	64.7941	230.1587	0015898	209.6603	150.2298	2.13111981				17
15260U	84	95	B	84251.89003959	.00000018	00000-0	00000	0	0	7
15260	64.7518	230.2767	0011633	174.7344	185.2763	2.12634649				9
15261U	84	95	C	84256.14367700	.00000018	00000-0	00000	0	0	11
15261	64.6800	229.9320	0033532	73.0329	287.3182	2.11301102				18
15262U	84	95	D	84248.83565899	-.00008485	58672-4	00000	0	0	1
15262	51.6333	230.0068	0006129	291.9790	67.6405	16.32045771				2

84-96A

Kosmos 1596

15267U	84	96	A	84251.85106774	.00000005	00000-0	00000	0	0	1
15267	62.9660	224.7977	7345006	316.1109	4.7851	2.03615184				1

84-97A

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15271U	84 97	A	84253.32999998	.00000005	00000-0	99999-4 0	4	
15271	63.3310		33.5780	5940522	158.9160	229.2230	3.90122580	2
15271U	84 97	A	84254.60179755	-.00000025	00000-0	00000 0 0	11	
15271	63.3579		33.2383	0030647	189.9584	169.7948	1.96129663	7
15271U	84 97	A	84254.60206427	-.00000025	00000-0	00000 0 0	12	
15271	63.2825		33.1769	0077354	188.9945	171.0312	1.96955651	7
15271U	84 97	A	84254.60206427	-.00000025	00000-0	00000 0 0	13	
15271	63.2825		33.1769	0077354	188.9945	171.0312	1.96955651	7
15271U	84 97	A	84255.61736789	-.00000025	00000-0	00000 0 0	14	
15271	63.2559		33.1356	0076468	188.5865	171.3009	1.96944928	9
15272U	84 97	B	84253.59497361	.00000003	00000-0	99999-4 0	1	
15272	63.1728		33.5460	5930554	158.9877	242.5065	3.90553169	3

84-98 A

Kina 16

Ned: 29 sep 1984

15279U	84 98	A	84256.40638002	.00138748	25280-4	72766-4 0	2
15279	67.9394		18.9787 0169508	148.4021	212.7697	15.95529152	3
15279U	84 98	A	84256.40638002	.00138748	25280-4	72766-4 0	2
15279	67.9394		18.9787 0169508	148.4021	212.7697	15.95529152	3
15279U	84 98	A	84256.46906532	.00318347	24493-4	16350-3 0	4
15279	67.9416		18.7764 0169471	148.3912	212.7735	15.95599679	4
15279U	84 98	A	84257.97311646	.00097240	24855-4	49071-4 0	6
15279	67.9423		13.9475 0166925	146.5195	215.1375	15.96566673	28
15279U	84 98	A	84260.41507385	.00527328	24915-4	26013-3 0	11
15279	67.9419		6.0950 0159081	143.2035	217.9990	15.98134025	67
15279U	84 98	A	84260.72797950	.00532439	25018-4	26013-3 0	12
15279	67.9404		5.0858 0158481	142.7897	218.3876	15.98355979	72
15279U	84 98	A	84261.04084681	.00410082	24852-4	20278-3 0	13
15279	67.9396		4.0779 0157022	142.2747	218.8517	15.98555498	77
15279U			84261.29113085	0.00405270	25289-4	20278-3 0	14
15279	67.9345		3.2743 0157414	140.8498	220.1959	15.98355854	81

15279U	84 98	A	84262.29191569	.00733407	25191-4	34814-3 0	17
15279	67.9354		0.0451 0152344	139.6033	221.6538	15.99898828	97
15279U	84 98	A	84263.10434206	.00773132	25183-4	35440-3 0	18
15279	67.9361		357.4199 0147937	138.3085	223.0339	16.01155880	110
15279U	84 98	A	84263.29171622	.00757156	25281-4	34115-3 0	19
15279	67.9358		356.8145 0147436	138.2080	223.0436	16.01434033	113
15279U	84 98	A	84264.04093546	.01049639	25265-4	45354-3 0	21
15279	67.9357		354.3866 0142264	137.0246	224.5067	16.02899275	125
15279U	84 98	A	84264.29044620	.00998531	25356-4	42719-3 0	22
15279	67.9355		353.5765 0140378	136.6977	224.5176	16.03385469	129
15279U	84 98	A	84265.28786852	.00895073	25884-4	36148-3 0	24
15279	67.9334		350.3352 0132885	135.1701	226.0306	16.05483429	145
15279U	84 98	A	84265.91065252	.00927725	26022-4	36148-3 0	25
15279	67.9330		348.3033 0128307	134.1004	227.2977	16.06757805	155
15279U	84 98	A	84266.28403872	.00988767	25909-4	36997-3 0	26
15279	67.9339		347.0875 0126583	133.8304	227.3859	16.07501163	161
15279U	84 98	A	84266.65727660	.01038303	25953-4	38376-3 0	27
15279	67.9339		345.8696 0123066	133.0959	228.1292	16.08321277	167
15279U	84 98	A	84266.65727660	.01038303	25953-4	38376-3 0	28
15279	67.9339		345.8696 0123066	133.0959	228.1292	16.08321277	167

84-98A

Uina 16

for ts. 1

15279U	84	98	A	84267.34105273	.01132693	25783-4	38376-3	0	29	
15279	67.9363	343.6332	0119320	132.0958	229.2325	16.09912929	178			
15279U	84	98	A	84267.46526687	.01613697	25810-4	54187-3	0	30	
15279	67.9334	343.2209	0117437	131.8380	229.3422	16.10362172	180			
15279U	84	98	A	84267.52736531	.01480122	25944-4	49849-3	0	31	
15279	67.9345	343.0182	0116289	131.9630	229.1708	16.10561577	181			
15279U	84	98	A	84268.52003723	.01747381	26142-4	50881-3	0	33	
15279	67.9304	339.7511	0106473	130.5701	230.5574	16.13873784	197			
15279U	84	98	A	84269.26313345	.01508477	26174-4	40029-3	0	34	
15279	67.9274	337.3030	0098769	129.1635	231.5471	16.16234143	209			
15279U	84	98	A	84271.66942477	.02968967	26802-4	38747-3	0	41	
15279	67.9275	329.2909	0068345	125.5724	235.5348	16.27067804	248			
15279U	84	98	A	84271.66942477	.02968967	26802-4	38747-3	0	42	
15279	67.9275	329.2909	0068345	125.5724	235.5348	16.27067804	248			
1	15279U	98A		84272.28340353	0.03426332	27553-4	29465-3	0	43	
2	15279			67.9263	327.2217	0057386	124.2796	236.7296	16.31133390	258
1	15279U	98A		84272.58974509	0.04443090	27264-4	28040-3	0	44	
2	15279			67.9264	326.1846	0051189	123.7095	237.2260	16.33797073	263

~~15279U 84 98 A 84273.07879203 .06248445 27202-4 21631-3 0 45~~

15279 67.9264 324.5204 0037694 121.9399 239.3179 16.39336357 271

1 15279U *98A* 84273.32248402 0.09389998 28034-4 18213-3 0 46

2 15279 67.9217 323.6797 0030941 122.7077 238.2658 16.43743467 275

~~15279U 84 98 A 84273.44400272 .13329605 27993-4 17438-3 0 47~~

15279 67.9214 323.2599 0023809 119.2481 241.4183 16.47232502 277

1 15279U *98A* 84273.50464062 0.14097223 27966-4 14439-3 0 48

2 15279 67.9246 323.0541 0021528 120.3867 240.0393 16.49148750 278

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Kosmos 1597

Wed: 26 sept.
1984

15287U	84 99	A	84257.48842116	.00000086	00000-0	00000 0 0	1
15287	82.3357	175.2554	0024780	107.6164	252.7473	16.16969306	0
15287U	84 99	A	84258.47855256	.00170521	-16149-5	10562-3 0	4
15287	82.3345	174.0912	0024616	104.3754	255.9828	16.17174578	17
15287U	84 99	A	84260.14912258	.00117474	00000-0	71035-4 0	7
15287	82.3356	172.1332	0024594	99.1614	261.2419	16.17520551	44
15287U	84 99	A	84262.31413335	.00103281	00000-0	60389-4 0	10
15287	82.3347	169.5901	0024696	91.4126	268.9865	16.17959124	79
15287U	84 99	A	84263.24181430	.00100698	00000-0	58124-4 0	11
15287	82.3350	168.5026	0024481	88.1292	272.2586	16.18142500	94
15287U	84 99	A	84264.29306150	.00115134	00000-0	65226-4 0	12
15287	82.3350	167.2661	0024441	84.0060	276.4836	16.18392376	111
15287U	84 99	A	84264.60220230	.00136968	00000-0	77022-4 0	13
15287	82.3369	166.9027	0024117	83.0838	277.3882	16.18511678	116

15287U	84	99	A	84265.28225702	.00135354	00000-0	75217-4	0	14
15287	82.3354	166.1056	0023619	81.5283	278.8800	16.18698574	127		
15287U	84	99	A	84266.33311368	.00128582	00000-0	70098-4	0	15
15287	82.3368	164.8693	0023376	77.4085	282.9326	16.18963468	144		
15287U	84	99	A	84267.26021184	.00125145	00000-0	67227-4	0	16
15287	82.3359	163.7788	0022760	74.6675	285.6956	16.19192740	159		
15287U	84	99	A	84269.17552419	.00176355	00000-0	90332-4	0	18
15287	82.3327	161.5248	0021133	65.5325	294.7979	16.19908185	190		

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Kosmos 1598

15292U	84100	A	84258.15924069	.00000006	00000-0	00000	0	0	3
15292	82.9431		259.1426	0031355	286.2056	73.5706	13.71905349		6

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Galaxy 3

app: 27 sept. 1984 fr. C. Canaveral

1	15308U	A	84268.22088616	-.00000002				0	4
2	15308		0.3538	306.1761	0198144	25.0148	28.3216	0.99096451	3
1	15308U	A	84266.17306865	-.00000035				10000-3 0	2
2	15308		21.3089	152.6973	7194060	179.8103	180.9631	2.16806877	1
1	15309U	B	84266.16538116	0.00109117				40858-3 0	4
2	15309		27.1295	147.6139	0081921	159.3054	201.0857	15.81046498	4351
1	15310U	C	84267.53195473	0.00037326				34307-2 0	3
2	15310		23.1821	152.0866	7364930	180.6852	176.8896	2.20085272	4
1	15308U		84268.15434028	-.00000035				10000-3 0	5
2	15308		0.2040	275.3312	0070346	52.2656	10.8302	0.99345159	2
1	15308U	101A	84275.23149507	-.00000131				0	9
2	15308		0.2124	281.6613	0003360	38.4912	39.8481	1.00261994	10

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Kosmos 1599

Lopp: 25 sept 1984

ned:

1	15318U		84269.65646266	-.00004194	29048-4	0	1	
2	15318	67.1278	208.4429	0063457	102.4595	258.3107	16.24370170	1
1	15318U		84269.65647306	-.00004215	29258-4	0	2	
2	15318	67.1333	208.4566	0061337	95.3315	265.4219	16.23638868	1
1	15318U		84270.08764707	0.01057251	29193-4	23702-3	0	3
2	15318	67.1352	206.9637	0060966	95.4008	265.7269	16.24480963	8
1	15318U		84270.51845636	0.00476958	27746-4	23702-3	0	4
2	15318	67.1448	205.4921	0110961	58.0060	295.1883	16.07613611	15
1	15318U	102A	84271.26626471	0.00466353	27949-4	22680-3	0	6
2	15318	67.1367	202.9588	0108457	57.6320	303.5924	16.08318710	27
1	15318U	102A	84274.24871712	0.00463277	28538-4	20051-3	0	9
2	15318	67.1364	192.8561	0100348	54.8926	306.0743	16.11075449	75
1	15318U	102A	84275.05560259	0.00524646	28548-4	21978-3	0	10
2	15318	67.1377	190.1176	0097775	54.2183	306.8361	16.11882234	88
1	15318U	102A	84275.86206887	0.00496242	28498-4	20051-3	0	12
2	15318	67.1332	187.3723	0095789	53.8386	307.1459	16.12629747	101

1	15318U	102A	84276.29616473	0.00491513	28110-4	19365-3	0	13
2	15318	67.1347	185.8996	0094779	53.1589	307.8572	16.13078308	108
1	15318U	102A	84278.15514782	0.00749553	28503-4	26534-3	0	15
2	15318	67.1330	179.5600	0089072	51.6701	309.3485	16.15189266	138
15318U	102A	84279.20982506	0.00450624	27871-4	22837-3	0	19	
15318	67.1321	175.9734	0129429	64.6748	296.6991	16.03855181	155	
15318U	102A	84280.14504847	0.00374483	27434-4	18404-3	0	20	
15318	67.1307	172.3299	0127633	63.6813	297.6982	16.04552150	170	
15318U	102A	84280.70598604	0.00250531	28066-4	12176-3	0	21	
15318	67.1282	170.9424	0126389	63.2476	298.1925	16.04971647	179	
15318U	102A	84281.14217306	0.00461736	27627-4	21936-3	0	22	
15318	67.1308	169.4743	0124961	62.9203	298.6698	16.05412889	186	
15318U	102A	84281.64049795	0.00499043	27421-4	23129-3	0	23	
15318	67.1309	167.7957	0123666	62.2304	299.3426	16.05919099	194	
15318U	102A	84282.20288992	0.00479586	27379-4	21780-3	0	24	
15318	67.1324	165.9093	0122023	61.9424	299.3793	16.06455728	223	
15318U	102A	84283.75663600	0.00302062	28429-4	13059-3	0	26	
15318	67.1312	160.6541	0117654	60.2742	300.8901	16.07871151	228	
15318U	102A	84283.81886113	0.00301827	28211-4	13059-3	0	27	
15318	67.1306	160.4409	0117104	60.3700	300.9285	16.07968998	229	
15318U	102A	84284.12984664	0.00211115	28050-4	89932-4	0	28	
15318	67.1308	159.3924	0116619	60.0766	301.2902	16.08282089	234	

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forts. 7

15318U	84102	A	84284.75167229	.00429845	28165-4	17774-3 0	29
15318	67.1291		157.2899 0114797	59.3802	302.2166	16.08841233	244

15318U	102A		84284.93809376	0.00462237	28323-4	18926-3 2	32
15318	67.1314		156.6620 0114293	59.3624	301.8345	16.29234467	247

15318U	84102	A	84284.93809376	.00460037	28323-4	18906-3 0	31
15318	67.1314		156.6600 0114093	59.3624	301.8345	16.09034484	247

15318U	84102	A	84286.92592751	.00518442	28472-4	19453-3 0	35
15318	67.1279		149.9190 0108020	57.4461	303.7430	16.11117905	279

15318U	84102	A	84287.85676425	.00620991	28289-4	22188-3 0	38
15318	67.1253		146.7526 0104548	56.9465	304.2166	15.12258100	294

15318U	84102	A	84289.09694476	.00598618	28480-4	19920-3 0	41
15318	67.1256		142.5327 0100658	55.6115	305.4695	16.13706178	314

15318U	84102	A	84290.02632209	.00608603	28553-4	19094-3 0	42
15318	67.1264		139.3624 0097732	54.7184	306.2962	16.14935759	329

15318U	84102	A	84291.08058072	.00442130	27737-4	20897-3 0	44
15318	67.1251		135.7734 0119303	70.1982	291.1900	16.06571203	346

15318U	84102	A	84292.07640654	.00416153	28182-4	19009-3 0	45
15318	67.1256		132.4102 0116862	69.2636	292.0793	16.07409135	362

5318U	84102	A	84299.02703821	.00706706	28621-4	21253-3	0	57
5318	67.1231	108.7936	0091800	62.6140	298.7314	16.16341694	474	
5318U	84102	A	84299.89289331	.00823337	28754-4	23572-3	0	58
5318	67.1213	105.8226	0086562	61.9384	299.0230	16.17774755	488	
5318U	84102	A	84300.51094523	.00701233	28579-4	19110-3	0	59
5318	67.1212	103.7027	0083867	60.9628	299.9036	16.18741577	498	
5318U	84102	A	84301.00515347	.00812036	28746-4	20912-3	0	61
5318	67.1208	102.0027	0082198	60.7136	300.3881	16.19578038	506	
5318U	84102	A	84301.25211644	.00431820	27171-4	20912-3	0	62
5318	67.1211	101.1743	0134222	124.0478	221.5597	16.03386692	510	
5318U	84102	A	84302.06561211	.00347573	27464-4	16495-3	0	64
5318	67.1204	98.4407	0132039	123.2529	238.1167	16.04055922	523	
15318U	84102	A	84302.87606587	.00447368	27823-4	20524-3	0	65
15318	67.1223	95.7143	0129988	122.3423	239.2957	16.04789942	536	
5318U	84102	A	84303.00066738	.00432796	27473-4	19834-3	0	66
5318	67.1202	95.2956	0129555	122.3276	239.0499	16.04889813	538	
5318U	84102	A	84304.85484669	.00620601	29059-4	18471-3	0	69
5318	67.1200	88.9335	0071948	115.2715	245.5637	16.19924752	568	
5318U	84102	A	84305.84235592	.00618558	29132-4	17214-3	0	70
5318	67.1193	85.5352	0068596	114.0657	246.7543	16.21154491	584	
5318U	84102	A	84306.52083487	.01019070	29215-4	26600-3	0	71
5318	67.1202	83.1939	0065826	112.6561	248.3256	16.22216794	595	

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parts.2

5318U	84102	A	84306.75738883	.00568515	28194-4	26600-3	0	72
5318	67.1185		82.3582	0118888	135.9300	215.8540	16.06738172	599
5318U	84102	A	84307.08020675	.00494883	27975-4	22768-3	0	73
5318	67.1209		81.3627	0116178	135.6101	225.4510	16.07063133	604
5318U	84102	A	84307.83908309	.00554440	27743-4	24711-3	0	74
5318	67.1206		78.5683	0115274	135.0129	226.1517	16.07946525	617
5318U	84102	A	84310.00249427	.00489283	28066-4	20118-3	0	76
5318	67.1235		71.4119	0107801	132.2827	228.8175	16.10222793	651
5318U	84102	A	84310.49932501	.00498527	28118-4	20212-3	0	77
5318	67.1244		69.7286	0105778	131.6790	229.4085	16.10748739	659
5318U	84102	A	84311.98876317	.00544830	28261-4	20240-3	0	79
5318	67.1249		64.6688	0101557	130.2860	230.6660	16.12434072	683
5318U	84102	A	84312.79493438	.00605943	28696-4	22045-3	0	80
5318	67.1205		61.9225	0097749	129.0448	231.9114	16.13347461	696
5318U	84102	A	84312.98091063	.00560599	28237-4	20855-3	0	81
5318	67.1209		61.2887	0097377	128.8902	232.0814	16.13548453	699
5318U	84102	A	84313.97234223	.00628253	28528-4	21488-3	0	83
5318	67.1218		57.9042	0093221	127.5213	233.5914	16.14804095	715

5318U	84102	A	84313.97234223	.00628253	28528-4	21488-3	0	84
5318	67.1218		57.9042	0093221	127.5213	233.5914	16.14804095	715
5318U	84102	A	84314.90105441	.00610718	28578-4	19787-3	0	85
5318	67.1213		54.7317	0089948	126.4387	234.4535	16.15946997	730
5318U	84102	A	84315.39612684	.00603595	28731-4	18944-3	0	86
5318	67.1184		53.0349	0088236	125.7040	235.2589	16.16566340	738
5318U	84102	A	84315.58172327	.00463652	28347-4	18944-3	0	87
5318	67.1220		52.4013	0093673	134.9598	224.7311	16.12898611	741
5318U	84102	A	84315.95395824	.00466607	28108-4	18770-3	0	88
5318	67.1196		51.1340	0092638	134.3928	226.4736	16.13238939	747
5318U	84102	A	84317.06957088	.00518392	28637-4	19660-3	0	89
5318	67.1169		47.3306	0089301	132.9508	228.3164	16.14456124	765
5318U	84102	A	84317.93658389	.00565994	28390-4	20412-3	0	90
5318	67.1181		44.3695	0086591	132.1180	228.8964	16.15453456	779
5318U	84102	A	84318.12228561	.00403259	28256-4	20412-3	0	91
5318	67.1584		43.8409	0086773	119.5486	238.7289	16.11758034	782
5318U	84102	A	84318.18480740	.00047280	28225-4	23992-4	0	92
5318	67.1163		43.5247	0091162	122.0202	239.0868	16.11793193	783
5318U	84102	A	84318.61916439	.00370618	28497-4	16951-3	0	93
5318	67.1201		42.0456	0091048	121.5570	239.7290	16.12167363	790
5318U	84102	A	84319.11537757	.00401508	28110-4	18067-3	0	94
5318	67.1167		40.3589	0089694	121.1392	239.9013	16.12572443	798

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parts. 3

5318U	84102	A	84319.36345199	.00403795	28359-4	18067-3	0	95
5318	67.1243		39.4964	0088379	118.7728	242.2140	16.12862885	802
5318U	84102	A	84319.54948617	.00455536	28443-4	18067-3	0	96
5318	67.1189		38.8788	0078624	124.4102	237.7005	16.15824674	805
5318U	84102	A	84319.92062864	.00498218	28271-4	19458-3	0	97
5318	67.1168		37.6092	0077271	124.1512	236.7510	16.16207528	811
5318U	84102	A	84321.09599792	.00759927	28305-4	27377-3	0	98
5318	67.1176		33.5832	0073302	122.0963	239.1251	16.17696010	830
5318U	84102	A	84321.59043607	.00806369	29176-4	27377-3	0	99
5318	67.1203		31.8854	0079963	121.9602	239.0301	16.18703175	838
5318U	84102	A	84322.45499392	.00964309	28359-4	29778-3	0	101
5318	67.1172		28.9119	0067404	120.7401	239.8216	16.20255921	852
5318U	84102	A	84323.07210219	.00776585	28988-4	22782-3	0	102
5318	67.1192		26.7896	0065061	119.8086	240.5739	16.21167491	862
5318U	84102	A	84323.31891973	.00871145	28515-4	25014-3	0	103
5318	67.1194		25.9408	0064123	119.2899	241.4360	16.21924019	866
5318U	84102	A	84323.50395180	.00766878	28839-4	25014-3	0	104
5318	67.1215		25.2927	0071102	118.0293	241.6808	16.19104373	869

5318U	84102	A	84323.81296915	.00634378	28845-4	19206-3	0	105
5318	67.1206		24.2399	0073413	120.4666	240.3776	16.19506320	874
5318U	84102	A	84324.55385489	.00585537	28928-4	16678-3	0	106
5318	67.1205		21.6901	0070900	119.6654	241.2966	16.20546754	886
5318U	84102	A	84324.86239165	.00701827	28999-4	19441-3	0	107
5318	67.1190		20.6310	0069814	119.5844	241.2908	16.20993865	891
15318U	84102	A	84325.47923381	.00776528	28699-4	20301-3	0	108
15318	67.1212		18.5020	0067293	117.9663	242.9574	16.21976685	901

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Kosmos 1600

Upp: 27 sept. 1984

Ned: 11 okt 1984

1	15324U	103A	84271.39800440	-.00000329				0	1
2	15324	69.9943	171.1914	0131617	60.2187	301.2060	15.93793655		1
1	15324U	103A	84271.39802973	-.00000318				0	2
2	15324	69.9752	171.1649	0130927	62.1465	299.3192	15.92790926		1
1	15324U	103A	84271.83763907	0.00185986	59886-5	23126-3	0		3
2	15324	69.9748	169.8826	0130930	61.5343	299.9143	15.92819345		8
1	15324U	103A	84272.02603427	0.00018692			23126-3	0	4
2	15324	69.9947	169.3708	0040476	199.0410	144.2671	15.59093261		11
1	15324U	103A	84272.09316257	0.00020926			23126-3	0	5
2	15324	69.9856	169.1823	0048708	215.1288	145.3842	15.61500537		12
1	15324U	103A	84273.24582747	0.00003457			38380-4	0	7
2	15324	69.9846	165.9790	0049604	213.9814	145.7609	15.61889148		30
1	15324U	103A	84274.33459047	0.00003459			38380-4	0	8
2	15324	69.9856	162.9529	0049623	211.6059	148.1653	15.61888695		47

1	15324U	103A	84277.21666211	0.00004821		53158-4 0	11	
2	15324	69.9823	154.9396	0049280	207.3410	152.4524	15.61852718	92
1	15324U	103A	84277.85713183	0.00004812		53158-4 0	12	
2	15324	69.9814	153.1550	0049129	206.5201	153.2554	15.61806417	102
1	15324U	102A	84279.26616518	0.00004799		53158-4 0	15	
1	15324	69.9831	149.2396	0048274	204.4015	155.3638	15.61803246	124
1	15324U	103A	84280.22690385	0.00011167		12305-3 0	16	
1	15324	69.9849	146.5711	0048976	202.3334	157.5750	15.61816943	139
1	15324U	102A	84283.74957115	0.00026069		28417-3 0	19	
1	15324	69.9822	136.7754	0048862	196.9052	162.9616	15.61776245	194
1	15324U	102A	84284.71230705	0.00025971		28417-3 0	21	
1	15324	69.9821	134.1269	0048043	195.3717	164.4485	15.61734652	209
1	15324U	102A	84285.54297035	0.00026041		28417-3 0	23	
1	15324	69.9837	131.7924	0049962	189.0537	170.7997	15.61680972	222

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Kosmos 1601

Lpp: 27 sept. 84, pr. Pierselsky

1	15326U	104A	84271.45048366	-.00000104	0	1
2	15326	65.8323	130.1076	0037154	357.9106	2,3404 15.25621092 1
1	15326U	104A	84271.58156480	-.00000101	0	2
2	15326	65.8362	129.6969	0029211	349.2034	9.8321 15.23737752 3
1	15326U	104A	84271.97556330	-.00000101	0	3
2	15326	65.8389	128.4599	0029115	348.4285	11.6167 15.23744297 9
5326J	84104	A	84346.98994399	.00002024	00000-0	85589-4 0 92
5326	65.8397	252.9352	0036552	309.2015	50.5757	15.24035129 1152

84-105A

Kosmos 1602

Lpp: 28 sept. 84, p. 1100000

1	15331U	105A	84272.85050588	0.00000011				0	3
2	15331	82.5325	123.4882	0023942	279.0220	79.9501	14.73345280		9

1	15331U	105A	84276.31430881	0.00007031			10780-2 0		7
2	15331	82.5358	120.3048	0023974	267.2989	92.5439	14.73348033		60

1	15331U		84277.26510410	0.00007033			10780-2 0		8
2	15331	82.5354	119.4294	0023927	264.5076	95.3109	14.73356330		74

15331U	84105	A	84293.90415818	.00004073	00000-0	62300-3 0			23
15331	82.5355		104.1200	0024866	207.6860	152.2571	14.73349446		319

5331U	84105	A	84344.83965957	.00000133	00000-0	18755-4 0			74
5331	82.5410		57.2746	0026776	48.1330	312.2169	14.73363668		1069

84-106 G

15339U	84250	A	84275.29438637	.00001092	00000-0	25306-3	0	1
15339	66.5730	238.1123	0133467	341.1723	18.4476	14.53944546	1870	

84-106F

1	15338U	84106	F	84273.48800108	-	.00000035				0	1
2	15338	66.5608		224.2510	0013077	234.3522	125.6350	14.14243615			1
1	15338U	106C		84274.19518804	-	.00000035				0	2
2	15338	66.5626		222.4387	0013022	233.6452	126.3396	14.14241457			11
1	15338U	106F		84277.51396616	0.00002207						3
2	15338	66.5587		213.9240	0012891	232.1460	127.8479	14.14242601	14524-3 0		58

84-106E

Wed: 29 Sept
1987

1	15337U	84106	E	84272.94374066	0.11849910	58948-4	19825-2 0	11
2	15337	51.5983		225.0122	0009966	121.1964	239.0037 16.32300711	60
1	15337U	106E		84273.12704297	0.18879123	59871-4	15485-2 0	3
2	15337	51.6020		223.9812	0007009	132.4980	227.7204 16.38905406	9

84-106D

Ned: 7061 1984

1	15336U	84106	D	84272.94342450	0.02156786	58221-4	42891-3 0	1
2	15336	51.6121		224.9881 0004152	186.8322	173.2645	16.30732131	60
1	15336U	106D		84273.12720070	0.01952292	58922-4	35519-3 0	3
2	15336	51.6179		223.9639 0003382	190.2253	169.8816	16.31659126	9
1	15336U	106D		84274.10586280	0.03203630	59403-4	33633-3 0	6
2	15336	51.6148		218.4834 0003415	231.6130	129.5674	16.36872625	25
1	15336U	106D		84274.71510180	0.06905653	60469-4	32116-3 0	9
2	15336	51.6183		215.0413 0004332	241.4899	118.4493	16.43153763	35

84-106C

1	15335U	106C	84272.82139858	-.00008504	58792-4	0	1	
2	15335	51.6307	225.6819	0013233	67.6216	295.4251	16.30190277	4

1	15335U	106C	84272.94342778	0.02198207	58530-4	42891-3	0	2
2	15335	51.6121	224.9881	0004152	186.8322	173.2837	16.30927992	6

1	15335U	106C	84274.19165428	-.00000036			0	4
2	15335	66.5608	222.4240	0028117	236.7498	123.0833	14.17459762	29

1	15335U	106C	84277.50785082	0.00001200		62452-3	0	5
2	15335	66.5602	213.8821	0028285	234.6772	125.1735	14.17462337	76

15335U	106C	84281.81193145	0.00000291			17906-3	0	7
15335	66.5607	202.7925	0028199	231.9149	127.9383	14.17464101	137	

15335U	84106	C	84272.99999999	.00053271	00000-0	99999-4	0	3
15335	50.0000	225.0000	0010000	0.	90.0000	15.99999999	50	

84-106 B

1	15334U	106 B	84272.69857120	-.000005467	58585-4		0	1
2	15334	51.6249	226.3745 0031586	93.0119	267.4517	16.27151990		2
1	15334U	106 B	84272.94374194	0.12088814	58811-4	19825-2 0		2
2	15334	51.5983	225.0122 0009966	121.1964	239.0112	16.32497930		6
1	15334U	106 B	84274.19890500	-.00000001		10000-4 0		4
2	15334	71.0047	238.3319 0004389	213.6966	146.0769	14.12030005		31
1	15334U	106 B	84274.97821531	-.00000001		10000-4 0		5
2	15334	71.0018	236.7099 0003181	192.8532	167.1951	14.12010920		41
1	15334U	106 B	84275.82831032	-.00000001		10000-4 0		7
2	15334	71.0043	234.9264 0004603	207.4104	152.6822	14.12031639		53
1	15334U	106 C	84275.89915247	-.00000001		10000-4 0		9
2	15334	71.0018	234.7779 0004427	207.7253	152.3647	14.12044108		54
1	15334U	106 B	84277.88270178	-.00000001		10000-4 0		11
2	15334	71.0045	230.6347 0004587	203.0170	157.0745	14.12030876		82

15334U	84106	B	84272.99999999	.00527298	13290-3	99999-3 0	3
15334	57.0000		225.0000 0010000	0.	90.2000	15.99999999	50

15334U	84106	B	84286.24193749	.00003259	00000-0	17994-2 0	24
15334	71.0132		213.1773 0002335	238.6844	121.3506	14.12049888	193

84-106A

Kosmos 1603

1	15333U	84106	A	84273.63224866	0.00000164			10000-3 0	1
2	15333	71.0047		239.5137	0004635	208.2341	151.9159	14.12034285	23
1	15333U	106A		84274.19908825	-.00000001			10000-4 0	2
2	15333	71.0111		238.3492	0004385	199.4683	160.4930	14.11896539	30
1	15333U	106A		84274.97844091	-.00000001			10000-4 0	3
2	15333	71.0081		236.7249	0005217	196.3284	163.7692	14.11887288	41
1	15333U	106A		84275.89946165	-.00000001			10000-4 0	5
2	15333	71.0050		234.7972	0003853	201.5438	158.5422	14.11869860	54
1	15333U	106A		84277.31641778	-.00000001			10000-4 0	7
2	15333	71.0091		231.8406	0004171	196.8376	163.2468	14.11895418	74
1	15333U	106A		84277.31641778	-.00000001			10000-4 0	8
2	15333	71.0091		231.8406	0004171	196.8376	163.2468	14.11895418	67
15333U	84106	A		84289.99820765	.00008697	00000-0		47742-2 0	24
15333	71.0098			205.3565	0003849	180.1660	179.9433	14.11887651	246

5333U	84106	A	85	8.94446063	.00000478	00000-0	28285-3	0	122
5333	71.0137	27;9543	0003533	306.1269	53.9532	14.11927210	1445		
15333U	84106	A	85	27.93121186	-.00000018	00000-0	99999-6	0	142
15333	71.0155	348.3142	0003978	286.5037	73.5647	14.11935780	1713		

84-107A

Kosmos 1604

15350U	107A	84280.85024100	-.00000101			10000-3 0	51
15350	62.9077	260.1971	7356041	316.2237	4.7333	2.02630466	51
15350U	107A	84284.32264624	-.00000999			0	13
15350	62.9055	259.6760	7370936	316.2495	4.6504	2.00811794	12
15350U	84107 A	84285.81261994	-.00000963			00000-0 99999-4 0	16
15350	62.9127	259.3007	7369355	315.3035	4.6641	2.00906158	17
15350U	84107 A	84288.80467840	-.00000940			00000-0 99999-4 0	18
15350	62.9064	259.0035	7369287	315.3010	4.6935	2.00901477	21

84-108B

ERBS

15354U	108B	84280.02972871	0.00034310			25999-3 0	1
15354	56.9969	77.6663 0009315	287.4221	72.4876	15.72092402		9
15354U	108B	84281.68298004	0.00008177			63567-4 0	6
15354	57.0002	70.2559 0012667	301.7421	58.0271	15.71918118		35
15354U	108B	84281.87380396	0.00003502			63567-4 0	7
15354	56.9992	69.4154 0009348	279.0401	72.5850	15.50760567		38
15354U	108B	84283.84652778	0.00000859			10000-3 0	15
15354	57.0039	61.1041 0007437	311.4204	100.4927	14.90024614		5
1 15354U	108B	84284.72897239	2.22000817			10000-3 0	17
2 15354	56.9988	57.6904 0020794	131.4289	228.0970	14.88184058		18

84-108 A STS-41G (Challenger FG)

Upp's out

Wed: 13 out 84

15353U	108A	84279.58680498	0.00034578			25999-3 0	1
15353	57.0002	79.6761 0009484	280.4594	91.8201	15.72271490		3
15353U	108A	84279.64821614	0.00034413			25999-3 0	3
15353	57.0006	79.4000 0209678	281.4668	78.4872	15.72158599		4
15353U	108A	84279.95052778	0.00034655			25999-3 0	4
15353	56.9969	78.0432 0009962	287.0235	344.5122	15.72315610		6
15353U	108A	84280.47477730	0.00034675			25999-3 0	5
15353	56.9964	75.6858 0009829	289.8400	70.1746	15.72330213		16
15353U	108A	84280.60192966	0.00034630			25999-3 0	6
15353	56.9997	75.1130 0010216	291.6349	68.3292	15.72297442		18
15353U	108A	84280.84646146	0.00197765	24637-4		25999-3 0	9
15353	56.9990	74.0118 0009516	276.3083	30.2297	16.06396008		22
15353U	108A	84281.10460927	0.00198935	24933-4		25999-3 0	10
15353	57.0004	72.7958 0008144	268.4295	91.5994	16.06517386		26
15353U	108A	84281.35349509	0.00199349	25110-4		25999-3 0	11
15353	56.9976	71.6156 0009188	274.4933	85.4329	16.06531215		30

15353U	108A	84281.59236053	0.00464078	13558-4	25999-3 0	12
15353	56.9999	70.4768	0010668	244.0578	62.0198 16.18672109	33
15353U	108A	84281.72511851	0.00472042	13556-4	25999-3 0	13
15353	56.9993	69.8374	0010904	257.3571	102.6750 16.18886208	35
15353U	108A	84282.09556196	0.00472173	13271-4	25999-3 0	14
15353	56.9983	68.0607	0009820	247.3687	112.3087 16.18919635	41
15353U	108A	84282.28084931	0.00478111	13536-4	25999-3 2	15
15353	56.9925	67.1665	0012422	252.9855	106.9663 16.19066262	44
15353U	108A	84282.34259703	0.00474874	13553-4	25999-3 0	16
15353	56.9956	66.8683	0010448	250.0325	109.8674 16.18977261	45
15353U	108A	84282.40435767	0.00474929	13556-4	25999-3 0	17
15353	56.9945	66.5711	0010135	252.2891	107.6709 16.18987584	46
15353U	108A	84283.39264440	0.00449541	12881-4	25999-3 0	23
15353	56.9948	61.8146	0010180	268.3329	91.6197 16.18266392	60
15353U	108A	84283.39264440	0.00449541	12881-4	25999-3 0	24
15353	56.9948	61.8146	0010180	268.3329	91.6197 16.18266392	60
15353U	108A	84283.71694907	0.00455209	12988-4	25999-3 0	25
15353	56.9981	60.2583	0010114	266.6150	183.4094 16.18432808	65
15353U	108A	84283.82503034	0.00458517	12834-4	25999-3 0	26
15353	56.9967	59.7352	0009550	268.8456	91.1273 16.18542242	67
15353U	108A	84283.88679532	0.00453684	13022-4	25999-3 0	27
15353	56.9949	59.4396	0010428	266.4174	93.4688 16.18380165	68

84-108A

STS-41G (Challenger FG)

for ts. 1.

15353U	108A	84284.13386652	0.00452854	13223-4	25999-3	0	28
15353	56.9990	58.2492	0010706	273.3105	86.5081	16.18349481	72
15353U	108A	84284.31919224	0.00454621	12966-4	25999-3	0	29
15353	56.9957	57.3611	0009498	266.3954	93.5397	16.18432593	75
15353U	108A	84284.44273046	0.00453114	12963-4	25999-3	0	30
15353	56.9988	56.7670	0009995	270.6688	89.2477	16.18375921	77
15353U	108A	84284.61180556	0.00488860	13198-4	25999-3	0	31
15353	56.9985	55.9522	0006602	271.6990	354.0824	16.19443488	83
15353U	108A	84284.71899190	0.00486395	13084-4	25999-3	0	32
15353	56.9982	55.4356	0006787	274.1280	256.7438	16.19373965	84
15353U	108A	84284.87487953	0.00488086	13272-4	25999-3	0	33
15353	56.9981	54.6840	0006861	269.9300	90.0479	16.19418097	87
15353U	108A	84285.06006233	0.00486233	13175-4	25999-3	0	34
15353	57.0006	53.7883	0006704	274.1220	89.7002	16.19371796	90
15353U	108A	84285.12182706	0.00484359	13371-4	25999-3	0	35
15353	57.0012	53.4951	0007424	279.3770	80.6125	16.19308400	91
15353U	108A	84285.24529310	0.00485266	13363-4	25999-3	0	36
15353	56.9977	52.9012	0007354	277.7396	82.2413	16.19333768	93

15353U	108A	84285.36875871	0.00479408	12971-4	25999-3 0	37
15353	56.9966	52.3031 0006567	263.0596	96.9326	16.19190097	95
15353U	108A	84285.77078588	0.00491246	13302-4	25999-3 0	38
15353	56.9982	50.3750 0006863	275.1120	269.4539	16.19501543	101
15353U	108A	84285.80087043	0.00489491	13251-4	25999-3 0	39
15353	56.9986	50.2241 0006865	273.6686	86.3173	16.19454956	101
15353U	108A	84286.04776618	0.00491858	13290-4	25999-3 0	40
15353	57.0110	49.0333 0006552	281.5453	78.3161	16.19523597	105
15353U	108A	84286.17123955	0.00490137	13367-4	25999-3 0	41
15353	56.9892	48.4439 0007416	272.2335	87.7235	16.19461370	107
15353U	108A	84286.35641976	0.00491751	13551-4	25999-3 0	42
15353	56.9993	47.5502 0008080	273.1745	86.7605	16.19490242	110

84-109A

Kosmos 1605

Lpp: 110kt

15359U	84109	A	84291.06123824	.00005952	00000-0	62829-2 0	12
15359	82.9412	265.3098	0045605	279.1210	80.4513	13.73989696	75

84-110 A

NOVA 2

Lpp: 12 out 84 pr.
WTR

15362U	84110	A	84289.20403320	.00004636	00000-0	45679-3 0	8
15362	89.7882	106.9994	0431410	159.7308	198.7111	14.41293793	45
15362U	84110	A	84289.48242298	.00004614	00000-0	45679-3 0	9
15362	89.7964	107.0017	0432000	158.5403	203.2028	14.41035506	49
15362U	84110	A	84289.62135941	.00002168	00000-0	45679-3 0	10
15362	90.0898	107.2988	0385525	154.9757	207.5018	14.21678578	51
15362U	84110	A	84289.83430870	.00001219	00000-0	45679-3 0	11
15362	89.8423	106.9981	0296282	146.6984	215.3242	14.09727426	54
15362U	84110	A	84290.04726086	.00000567	00000-0	45679-3 0	12
15362	89.8596	106.9876	0194244	123.5537	231.1720	13.81248551	57
15362U	84110	A	84290.19360970	.00000403	00000-0	45679-3 0	13
15362	89.8671	106.9675	0156354	98.3593	259.0683	13.64103353	59
15362U	84110	A	84290.34122466	.00000401	00000-0	45679-3 0	14
15362	89.8851	106.9758	0156340	97.3154	264.4101	13.63783592	61

15362U	84110	A	84291.36843611	.00019990	00000-0	23123-1 0	15	
15362	89.8839	106.9686	0155705	94.4855	267.7252	13.63870570	75	
1	15362U	84110	A	84291.44173705	.00014114	00000-0	23123-1 0	16
2	15362	89.9354	106.8722	0089185	61.3132	299.8286	13.45712920	76
15362U	84110	A	84291.59041656	.00010529	00000-0	23123-1 0	17	
15362	90.0177	106.7927	0108269	4.4415	350.2273	13.26088780	78	
15362U	84110	A	84292.04432362	.00010506	00000-0	23123-1 0	18	
15362	90.0118	106.7998	0107405	3.2006	356.9811	13.25977621	84	
15362J	84110	A	84292.72344517	.00010511	00000-0	23123-1 0	19	
15362	90.0148	106.7990	0107559	1.1260	359.0067	13.26003748	93	

84-111A

Kosmos 1606

Upp: 18 out 84 pr. Plesetsk

15369U	84111	A	84292.79760695	.00000011	00000-0	00000 0 0	1
15369	82.5188	320.6660	0023833	274.5899	85.2457	14.74064491	1
15369U	84111	A	84292.79760950	.00000011	00000-0	00000-0 0 0002	
15369	82.5225	320.6719	0023649	276.7587	83.1520	14.7444944300001	
15369U	84111	A	84293.27279027	.00283796	00000-0	41198-1 0	5
15369	82.5205	320.2269	0023852	272.6628	87.2017	14.74084889	8
15369U	84111	A	84293.13702070	.00000022	00000-0	16671-5 0	4
15369	82.5188	320.3523	0023852	273.1035	86.7326	14.74010486	6
15369U	84111	A	84295.71654397	.00076456	00000-0	11431-1 0	10
15369	82.4933	317.9709	0023221	261.7357	98.1140	14.74125305	44
5369U	84111	A	84344.86340057	.00000163	00000-0	22925-4 0	75
5369	82.5214	272.6042	0027119	103.0878	257.3353	14.74049747	768

84-112A

Kosmos 1607

Upp: 31 okt fr. Tyuratam

15378U	84112	A	84305.57539280	-.00000386	00000-0	00000	0	0	1
15378	65.0210		261.9208	0017461	258.1542	101.7544	16.06451482		0
15378U	84112	A	84305.69989029	.00689510	58119-1	68103-2	0		2
15378	65.0279		261.4681	0015470	261.2324	98.7111	16.07137594		2
15378U	84112	A	84305.82429148	.00918689	49257-1	68103-2	0		3
15378	65.0157		261.0094	0009378	264.3660	94.8383	16.06313176		4
15378U	84112	A	84305.88667776	.00951420	49769-1	68103-2	0		4
15378	65.0136		260.7806	0010944	273.3311	86.5380	16.06376847		5
15378U	84112	A	84305.94894349	.00992221	48468-1	68103-2	0		5
15378	65.0143		260.5481	0010185	262.6980	97.1964	16.06241978		6
15378U	84112	A	84305.94896198	.00992281	48456-1	68103-2	0		6
15378	65.0139		260.5482	0010169	262.9221	97.0785	16.06240548		7
15378U	84112	A	84305.94896198	.00992281	48456-1	68103-2	0		7
15378	65.0139		260.5482	0010169	262.9221	97.0785	16.06240548		7
15378U	84112	A	84306.13563307	.00507676	54623-1	68103-2	0		8
15378	65.0175		259.8677	0006751	239.4503	119.8960	16.06779591		10

15378U	84112	A	84306.13563307	.00507676	54623-1	68103-2	0	9
15378	65.0175		259.8677	0006751	239.4503	119.8960	16.06779591	10
15378U	84112	A	84306.26018485	.00048422	00000-0	64267-4	0	10
15378	65.0180		259.4141	0009934	27.7629	91.6671	16.06205025	12
5378U	84112	A	84344.86091710	.00021814	00000-0	29270-4	0	72
5378	65.0189		117.9976	0010807	269.3781	90.4140	16.06242553	632

84-113C

Leasat 1

5384U	84113	C	84316.38730324	.00000266	00000-0	99999-4 0	7
5384	26.9079		55.1156 6566913	5.8116	0.	3.20654760	4
5384U	84113	C	84319.56650457	-.00000029	00000-0	99999-4 0	19
5384	3.2990		301.1570 0261396	110.9400	179.4190	1.03701465	10

5390U	84113	E	84316.15102481	.00000572	00000-0	99999-4 0	2
5390	27.1830		55.5695 5277191	5.3495	358.3720	5.16645049	3

84-113B

Telesat 8

~~5383U 84113 B 84315.61458333 -.00000029 00000-0 19999-2 0 0 3~~
~~5383 22.2900 60.3100 7008000 181.7200 210.8200 2.19933472 5~~

~~5383U 84113 B 84317.37760203 -.00000079 00000-0 00000 0 0 7~~
~~5383 1.5409 292.5873 0352448 308.4894 175.6813 1.04464704 9~~

~~5383U 84113 B 84318.38541667 -.00000153 00000-0 99999-4 0 0 9~~
~~5383 1.8790 282.7840 0153919 316.3950 195.7710 1.01446729 10~~

~~5387U 84113 0 84315.56677453 .00000202 00000-0 25999-3 0 0~~
~~5387 25.7463 60.8212 7267360 181.3719 173.8557 2.25810744 2~~

84-113A STS-51A (Discovery F2)

Upp: 8 nov 84,
MSC

Ned: 16 nov 1984
MSC

5382U	84113	A	84313.93055520	.00093516	00000-0	25934-3 0	3
5382	28.4711	68.4661	0003174	37.9168	280.8587	15.92280034	7
15382U	84113	A	84314.18842114	.00093530	00000-0	25934-3 0	4
15382	28.4711	66.5342	0003149	40.9855	319.0517	15.92283412	11
15382U	84113	A	84314.50177153	.00098317	00000-0	25934-3 0	5
15382	28.4708	64.1944	0007918	357.9652	1.9499	15.93176271	16
15382U	84113	A	84314.63541631	.00080270	00000-0	25934-3 0	6
15382	28.4727	63.1900	0004947	263.2008	143.5131	15.89322310	1
5382U	84113	A	84314.98611111	.00072549	00000-0	25934-3 0	7
5382	28.4726	60.5730	0005342	15.4354	241.2934	15.87309592	6
5382U	84113	A	84315.54950659	.00066040	00000-0	26934-3 0	9
5382	28.4729	56.3860	0007586	254.9397	348.0047	15.84596092	33
5382U	84113	A	84315.75890034	.00063692	00000-0	25934-3 0	10
5382	28.4714	54.8351	0007621	260.2301	99.7612	15.84630717	36

5382U	84113	A	84315.94781504	.00063719	00000-0	25934-3 0	11	
5382	28.4741		53.4433	0008193	265.1620	94.7822	15.84630605	39
5382U	84113	A	84316.51041631	.00061476	00000-0	25934-3 0	13	
5382	28.4773		49.2752	0011221	269.0365	67.1222	15.83838821	48
5382U	84113	A	84316.60354976	.00047240	00000-0	25934-3 0	14	
5382	28.4767		48.5866	0013637	78.1073	69.9687	15.78130954	49
5382U	84113	A	84316.82852673	.00046137	00000-0	25934-3 0	15	
5382	28.4733		46.9356	0013593	72.0157	276.8698	15.77607586	52
5382U	84113	A	84317.14678461	.00046169	00000-0	25934-3 0	16	
5382	28.4865		44.5952	0013879	76.3122	283.8867	15.77618426	57
5382U	84113	A	84317.43055555	.00034962	00000-0	25934-3 0	17	
5382	28.4747		42.5194	0016334	47.8665	126.8871	15.71180271	1
5382U	84113	A	84317.46656666	.00035109	00000-0	25934-3 0	18	
5382	28.4758		42.2601	0017146	50.5159	328.9239	15.71262167	64
5382U	84113	A	84317.50239467	.00032450	00000-0	25937-3 0	19	
5382	28.4781		42.0006	0013769	76.6095	145.2768	15.69456604	64
5382U	84113	A	84317.56970717	.00031723	00000-0	25934-3 0	20	
5382	28.4777		41.5137	0013679	89.8755	153.1108	15.68914155	65
5382U	84113	A	84317.84484084	.00031865	00000-0	25934-3 0	21	
5382	28.4748		39.5239	0013975	90.7148	269.5718	15.69017090	69

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Marecs 2

Lpp: 10 nov 84, 056

5386U	84114	B	84320.14508602	-.00000178	00000-0	99999-4	0	10
5386	3.1269	244.9394	0022661	351.6623	8.5243	1.00584644		7

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Spacenet 2

Lpp = 10 nov 84, CSG

5385U	84114	A	84344.97271345	-.00000240	00000-0	00000 0 0	34
5385			0.1845 209.3014	0001717	317.4589	193.2680 1.00276845	35
5385U	84114	A	84334.01515019	-.00000249	00000-0	00000 0 0	24
5385			0.1937 215.8363	0027944	287.6626	216.7049 1.00670814	24
5385U	84114	A	84323.10624950	-.00000204	00000-0	00000 0 0	12
5385			0.2075 224.2668	0014374	282.2932	213.1905 1.00874347	13
5385U	84114	A	84318.78751157	-.00000029	00000-0	99999-4 0	9
5385			0.1247 217.1320	0089417	307.1974	74.8577 0.99883280	8
5385U	84114	A	84317.91062009	-.00411732	00000-0	-56055-1 0	5
5385			6.9443 240.0808	7295290	180.3967	177.2639 2.27990091	7
5385U	84114	A	84315.55999997	-.00001107	17925-4	99999-4 0	14
5385			7.0610 240.5490	7304715	178.8910	48.2880 2.28123681	24
5389U	84114	D	84315.61999997	.00000957	00000-0	99999-4 0	1
5389			7.2900 240.0090	7298128	179.5260	97.9780 2.28220257	2

53830 84114 C 84315.52999997 .00000071 00000-0 99999-4 0 I
~~5388 7.0920 240.4160 7268905 179.7230 20.5970 2.26009113 2~~

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NATO 3D

Lpp: 14 NOV 84 fr. USC.

5391U	84115	A	84319.32067803	-.00000010	00000-0	99999-4	0	2
5391			22.8749	243.8749	7261956	159.5085	227.3780	2.22400000
5391U	84115	A	84319.04074664	-.00000045	00000-0	00000-0	0	4
5391			23.0381	244.2107	7273029	159.2609	3.2934	2.19420716
5391U	84115	A	84321.08750405	-.00000071	00000-0	99999-4	0	40
5391			0.0069	295.9039	0788855	88.8867	205.6044	1.00834572
5391U	84115	A	84321.08750405	-.00000072	00000-0	99999-4	0	70
5391			5.0514	296.2119	0089456	81.4116	209.7241	1.00834879
5391U	84115	A	84326.18784644	.00000061	00000-0	99999-4	0	10
5391			6.0008	295.5481	0051017	79.3315	281.1977	1.01671407
5391U	84115	A	84329.13855323	.00000045	00000-0	99999-4	0	12
5391			5.9940	295.3476	0050804	79.8154	280.9660	1.01672776
5391U	84115	A	84336.02247613	-.00000070	00000-0	99999-4	0	18
5391			5.9652	295.3909	0051124	79.7735	280.6777	1.01675059
5392U	84115	B	84319.16389508	.00001186	00000-0	99999-3	0	1
5392			21.4845	244.6409	1046055	111.0271	260.5658	12.42964566

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Upp: 14 nov 1984 fr.

15393U	84116	A	84319.43793793	-.00002974	20636-4	00000 0 0	1
15393	69.9677	210.7857	0039638	70.6532	289.2560	16.18346613	1
15393U	84116	A	84319.56166960	.00561241	20243-4	28055-3 0	2
	69.9664	210.4123	0040062	70.4295	290.1439	16.18489746	2
15393U	84116	A	84319.74706949	.00079192	19848-4	40937-4 0	3
15393	69.9598	209.8507	0040586	70.0947	290.3135	16.18398436	5
15393U	84116	A	84319.99432742	.00187775	20258-4	94787-4 0	4
15393	69.9643	209.1055	0039571	69.9073	290.7244	16.18546732	9
15393U	84116	A	84320.73588504	.00103492	20529-4	51865-4 0	5
15393	69.9621	206.8602	0039837	67.8636	292.6168	16.18767767	23
15393U	84116	A	84320.93307075	.00167504	20238-4	82602-4 0	6
15393	69.9655	206.1175	0039380	67.7702	292.8120	16.18878873	27
15393U	84116	A	84321.53914483	.00333767	20668-4	15921-3 0	7
15393	69.7617	204.4324	0038579	66.2406	294.5633	16.19263338	36
15393U	84116	A	84322.34206510	.00283705	20346-4	13035-3 0	9
15393	69.9648	202.0042	0038782	64.7710	295.7204	16.19718888	49

53930	84116	A	84322.40382827	.12427373	19566-4	79849-2 0	11
5393	69.9546	201.8230	0072329	59.4290	296.4337	16.11172952	50
53930	84116	A	84322.46634299	.10068517	61333-5	79849-2 0	11
5393	69.9680	201.6327	0053390	61.5743	296.9243	16.10953293	51
53930	84116	A	84322.65277130	.09872610	58457-5	79849-2 0	12
5393	69.9621	201.0768	0049825	50.3098	308.7011	16.11090412	54
53930	84116	A	84322.77712181	.10288989	61073-5	79849-2 0	13
5393	69.9604	200.6995	0054645	55.1487	304.7182	16.11097823	56
53930	84116	A	84322.77725410	.00205196	61046-5	16569-3 0	14
5393	69.9622	200.7047	0054574	59.4916	301.2076	16.10670589	55
53930	84116	A	84323.08776043	.00183167	58283-5	14727-3 0	15
5393	69.9644	199.7772	0054077	58.8761	301.7889	16.10797262	61
53930	84116	A	84323.95714058	.00090579	00000-0	72014-4 0	17
5393	69.9638	197.1773	0053879	57.5194	303.0932	16.10909194	75
53930	84116	A	84324.88853616	.00084624	00000-0	66727-4 0	18
5393	69.9624	194.3900	0053451	56.0595	304.5840	16.11074193	90
53930	84116	A	84325.44732361	.00157732	59314-5	12381-3 0	19
5393	69.9591	192.7141	0053535	52.8564	307.7981	16.11206676	99
53930	84116	A	84326.93723099	.00102954	00000-0	79079-4 0	21
5393	69.9606	188.2568	0052896	51.5443	309.0817	16.11485609	123
53930	84116	A	84327.86827627	.00220928	65379-5	16811-3 0	22
5393	69.9590	185.4645	0052717	49.5824	310.9660	16.11690317	138

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5393U	84116	A	84328.05447437	.00088925	00000-0	67523-4 0	23
5393	69.9613	184.9111	0052551	49.6306	310.9119	16.11689057	141
5393U	84116	A	84328.98542202	.00093684	00000-0	70362-4 0	24
5393	69.9611	182.1237	0052261	47.7648	312.8271	16.11867811	156
15393U	84116	A	84329.97830452	.00159946	64221-5	11981-3 0	25
15393	69.9625	179.1476	0051514	45.7408	314.7789	16.12078394	172
5393U	84116	A	84331.09534609	.00071147	00000-0	58754-4 0	28
5393	69.9570	175.7960	0050953	36.3853	324.0803	16.10738144	190
5393U	84116	A	84330.97108982	.00070975	00000-0	58754-4 0	27
5393	69.9628	176.1730	0050738	36.8304	323.3421	16.10727198	188
5393U	84116	A	84332.08895219	.00071647	00000-0	58754-4 0	30
5393	69.9608	172.8289	0050519	34.7413	325.7481	16.10881215	206
5393U	84116	A	84333.14454432	.00096059	00000-0	78058-4 0	31
5393	69.9642	169.6718	0049832	33.1009	327.3831	16.11068205	223
5393U	84116	A	84334.01374802	.00080140	00000-0	64594-4 0	32
5393	69.9641	167.0722	0049820	31.1389	329.1687	16.11191285	237
5393U	84116	A	84335.00707847	.00082617	00000-0	65810-4 0	33
5393	69.9634	164.1002	0049773	29.0415	331.3601	16.11355965	253

5393U	84116	A	84335.93821394	.00109217	00000-0	85837-4 0	34	
5393	69.9639		161.3154	0049358	27.2001	333.3094	16.11574179	268
5393U	84116	A	84336.99331041	.00113187	00000-0	87636-4 0	35	
5393	69.9615		158.1549	0048941	24.8773	335.5359	16.11822633	285
15393U	84116	A	84339.91163247	.00169503	56150-5	14293-3 0	43	
15393	69.9579		149.4221	0049710	178.5966	181.5369	16.10648213	332
5393U	84116	A	84340.53265557	.00025850	00000-0	21870-4 0	44	
5393	69.9557		147.5620	0049114	177.4942	182.4721	16.10708459	342
5393U	84116	A	84341.09158905	.00110183	00000-0	92235-4 0	46	
5393	69.9569		145.8920	0047923	176.6248	183.5164	16.10857711	351
5393U	84116	A	84342.14718220	.00090477	00000-0	74542-4 0	47	
5393	69.9561		142.7327	0048386	174.5895	185.4435	16.11039102	368
5393U	84116	A	84342.95435660	.00096881	00000-0	79339-4 0	48	
5393	69.9576		140.3152	0047807	173.0922	187.0534	16.11180673	381
15393U	84116	A	84343.88559795	.00093918	00000-0	76322-4 0	49	
15393	69.9584		137.5293	0047297	171.3085	188.8312	16.11343485	396
15393U	84116	A	84344.81675176	.00082239	00000-0	66295-4 0	50	
15393	69.9590		134.7412	0047027	169.3366	190.8183	16.11490261	411
5393U	84116	A	84346.98911540	.00099527	00000-0	78440-4 0	52	
5393	69.9600		128.2369	0046289	165.2033	195.1032	16.11870301	446
1 15393U	84116	A	84348.85065671	.00099561	00000-0	77289-4 0	55	
2 15393	69.9633		122.6605	0044966	161.5506	198.7097	16.12251573	476

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1	15393U	84116	A	84349.96738653	.20103830	00000-0	79159-4	0	56
2	15393	69.9626	119.3147	0044705	159.4905	200.3464	16.12488449		494
1	15393U	84116	A	84351.02191719	.20100775	00000-0	75440-4	0	57
2	15393	69.9615	116.1541	0045150	157.4456	202.9695	16.12592436		511
1	15393U	84116	A	84351.27002499	.00099898	00000-0	75440-4	0	58
2	15393	69.9580	115.4059	0043372	157.6599	202.6830	16.12756104		515
1	5393U	84116	A	84352.13833088	.00105823	00000-0	78992-4	0	59
2	5393	69.9574	112.8024	0043070	155.5750	204.7950	16.12941703		529

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Lpp: 14 nov 84,
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Ned: 28 nov 84

5395U	84117	A	84319.50560300	- .00001698	11827-4	00000	0	0	1
5395	72.8671		243.5327	0119590	88.6333	272.8567	15.98759495		0
5395U	84117	A	84319.56817841	- .00001693	11624-4	00000	0	0	2
5395	72.8500		243.4381	0113735	86.7658	274.8410	16.01104464		1
5395U	84117	A	84320.05877182	.09914882	11704-4	90019-2	0	0	4
5395	72.8609		242.1336	0128164	84.1403	277.4397	15.97399893		9
5395U	84117	A	84320.25641647	.00866966	00000-0	90019-2	0	0	5
5395	72.8516		241.6789	0043523	211.2744	138.3189	15.60779794		12
5395U	84117	A	84320.45051667	.00866907	00000-0	90019-2	0	0	6
5395	72.8521		241.2124	0042863	211.3115	148.4193	15.60810263		15
5395U	84117	A	84320.51463477	.00871762	00000-0	90019-2	0	0	7
5395	72.8570		241.0659	0042785	216.7171	143.1081	15.60944429		16
5395U	84117	A	84320.89918407	.00867093	00000-0	90019-2	0	0	9
5395	72.8500		240.1409	0043105	209.3996	150.2095	15.60803571		22
5395U	84117	A	84321.09150132	.00868490	00000-0	90019-2	0	0	10
5395	72.8574		239.6833	0041857	212.1139	147.6105	15.60901099		25

5395U	84117	A	84321.21970225	.00859105	00000-0	90019-2 0	11
5395	72.8544	239.3698	0040875	210.2946	149.3988	15.60692771	27
5395U	84117	A	84321.50426501	.00184652	00000-0	20773-2 0	12
5395	72.8539	238.4562	0042341	209.3678	150.2367	15.60767857	33
5395U	84117	A	84322.50164917	.00073204	00000-0	83496-3 0	14
5395	72.8537	236.3100	0042492	207.2039	152.4230	15.60751580	47
5395U	84117	A	84323.07856497	.00094114	00000-0	10691-2 0	15
5395	72.8528	234.9238	0042914	205.5131	154.1624	15.60763001	56
5395U	84117	A	84323.97596366	.00068158	00000-0	77456-3 0	17
5395	72.8522	232.7896	0043962	202.0297	157.8405	15.60782260	70
5395U	84117	A	84324.16826370	.00987089	00000-0	-14749-1 0	18
5395	72.8552	232.3297	0042445	202.8253	157.0203	15.60704621	73
5395U	84117	A	84324.61697208	.00028165	00000-0	32404-3 0	19
5395	72.8547	231.2560	0042462	202.0461	157.8711	15.60728049	80
5395U	84117	A	84324.87337105	.00755012	00000-0	79705-2 0	20
5395	72.8520	230.6473	0042116	200.4126	159.4802	15.60747363	84
5395U	84117	A	84325.12974547	.00757460	00000-0	79705-2 0	21
5395	72.8537	230.0315	0042925	201.3264	158.4488	15.60785027	88
5395U	84117	A	84325.32204895	.00072173	00000-0	82427-3 0	22
5395	72.8526	229.5717	0042777	200.2840	159.5125	15.60706071	91
5395U	84117	A	84326.02715344	.00019867	00000-0	22914-3 0	23
5395	72.8525	227.8866	0042825	199.8417	159.9832	15.60712983	102

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5395U	84117	A	84326.92456205	.00174799	00000-0	19728-2 0	24	
5395	72.8533		225.7434	0042366	196.6528	163.1721	15.60712705	116
5395U	84117	A	84327.83609598	.00266463	00000-0	29746-2 0	26	
5395	72.8501		223.4405	0042430	194.2614	155.7063	15.60719562	131
5395U	84117	A	84328.97581458	.00002681	00000-0	31562-4 0	28	
5395	72.8524		220.8400	0042552	191.9932	167.9734	15.60670607	148
5395U	84117	A	84330.00144530	.00002680	00000-0	31562-4 0	29	
5395	72.8522		218.3859	0042357	189.9839	170.0388	15.60670611	164
5395U	84117	A	84331.09117042	.00002676	00000-0	31562-4 0	30	
5395	72.8535		215.7842	0041869	187.1303	172.8690	15.60668517	181
5395U	84117	A	84332.11680421	.00002676	00000-0	31562-4 0	31	
5395	72.8524		213.3338	0041863	185.0690	174.9374	15.60657128	197
5395U	84117	A	84333.07334555	.00002673	00000-0	31562-4 0	32	
5395	72.8529		211.0365	0041669	182.7926	177.2424	15.60636756	212

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Lpp: 15 nov. 84 pr. Plesetsk

15398U	84118	A	84320.48257560	.00000006	00000-0	00000	0	0	2
15398	82.9556		182.5118	0031532	276.0995	83.6503	13.72440206		3
5398U	84118	A	84325.94991685	.00000006	00000-0	00000	0	0	12
5398	82.9508		178.4836	0030947	260.8584	98.9069	13.72552605		78
5398U	84118	A	84345.99687736	.00000006	00000-0	00000	0	0	15
5398	82.9468		163.7121	0031392	203.5183	156.4539	13.72554019		353

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Upp: 21 nov. 1984 fr.

5403U	84119	A	84326.49398595	.00005065	34918-4	00000 0 0	1
5403	64.7051	253.5129	0095483	71.9601	288.8014	16.13423151	1
5403U	84119	A	84326.61806693	.00395402	35105-4	14322-3 0	2
5403	64.7525	252.9993	0099355	67.9250	293.2640	16.13080921	3
5403U	84119	A	84326.92802555	.00430700	35154-4	15379-3 0	3
5403	64.7537	251.8408	0098592	67.8590	293.3218	16.13357755	8
5403U	84119	A	84327.23792874	.00552100	34891-4	19381-3 0	4
5403	64.7525	250.6801	0097297	67.9982	293.2561	16.13743714	13
5403U	84119	A	84327.48579465	.00489317	34410-4	21530-3 0	5
5403	64.7523	249.7572	0133967	61.5923	295.6124	16.04364595	17
5403U	84119	A	84327.86049136	.00342554	34340-4	14880-3 0	6
5403	64.7514	248.3755	0133518	61.4611	299.9209	16.04628782	23
5403U	84119	A	84327.92282657	.00351098	34020-4	15261-3 0	7
5403	64.7513	248.1458	0133195	61.4205	300.0352	16.04682345	24
5403U	84119	A	84328.29572427	.00386845	34184-4	16472-3 0	8
5403	64.7502	246.7658	0132356	61.2713	300.2746	16.05046310	30

54030	84119	A	84328.98197310	.00413208	34768-4	17316-3	0	9
5403	64.7510	244.2332	0130310	61.1634	300.2746	16.05610496		41
54030	84119	A	84329.97827985	.00392187	34637-4	15963-3	0	10
5403	64.7529	240.5508	0127761	61.1963	300.1621	16.06419004		57
154030	84119	A	84330.35177669	.00402600	34691-4	15963-3	0	11
15403	64.7517	239.1617	0127332	60.6116	300.8486	16.06763344		63
54030	84119	A	84332.09365355	.00442324	34408-4	16601-3	0	13
5403	64.7512	232.7070	0122093	60.3465	301.0276	16.08338551		91
54030	84119	A	84332.21800084	.00472517	34662-4	17515-3	0	14
5403	64.7504	232.2460	0121965	60.3004	301.0418	16.08480265		93
54030	84119	A	84332.96392547	.00425702	34785-4	15453-3	0	15
5403	64.7501	229.4762	0119892	59.9228	301.2355	16.09107325		105
154030	84119	A	84333.15039115	.00391702	34720-4	15453-3	0	16
15403	64.7501	228.7850	0140715	59.4252	298.6030	16.04110418		108
154030	84119	A	84334.02361632	.00421833	34222-4	16215-3	0	17
15403	64.7490	225.5632	0138338	59.1111	302.3872	16.04840455		122
54030	84119	A	84334.83353716	.00421793	34816-4	15797-3	0	18
5403	64.7490	222.5701	0136179	58.8165	302.6344	16.05534386		135
54030	84119	A	84335.82988775	.00445100	34863-4	15950-3	0	19
5403	64.7508	218.8856	0133189	58.8172	302.9710	16.06564132		151
54030	84119	A	84335.82982313	.00498741	34640-4	17912-3	0	20
5403	64.7501	218.8844	0133015	58.7302	302.6751	16.06565870		151

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5403U	84119	A	84336.14103620	.00592360	34766-4	20775-3	0	21
5403	64.7509		217.7304 0132010	58.7443	302.7672	16.06991371		156
5403U	84119	A	84336.32770013	.00520472	34806-4	18167-3	0	22
5403	64.7490		217.0343 0131416	58.5466	302.8203	16.07160319		159
5403U	84119	A	84336.51436963	.00635667	35313-4	18167-3	0	23
5403	64.7544		216.3373 0091470	60.2335	307.1776	16.16844210		162
5403U	84119	A	84337.00799782	.00695006	35649-4	19014-3	0	24
5403	64.7501		214.4839 0090495	60.3262	300.5527	16.17437913		170
5403U	84119	A	84340.03340264	.00647990	35341-4	19057-3	0	29
5403	64.7512		203.0734 0085214	71.9355	288.2992	16.17697422		219
5403U	84119	A	84341.08404016	.00650029	35589-4	17656-3	0	31
5403	64.7501		199.1161 0081778	71.3908	289.6439	16.19087747		236
5403U	84119	A	84342.01019330	.00353839	34299-4	17656-3	0	32
5403	64.7514		195.6209 0122716	96.4239	262.4662	16.05313257		251
5403U	84119	A	84342.01019330	.00353839	34299-4	17656-3	0	33
5403	64.7514		195.6209 0122716	96.4239	262.4662	16.05313257		251
5403U	84119	A	84342.25982249	.00242810	34510-4	11951-3	0	34
5403	64.7478		194.6999 0121297	95.9051	265.8772	16.05803227		255

5403U	84119	A	84342.88249642	.00525477	34697-4	25076-3	0	35
5403	64.7479	192.3973	0119688	95.4664	266.2373	16.06327548		265
5403U	84119	A	84342.94471478	.00419542	34644-4	20104-3	0	36
5403	64.7506	192.1678	0119463	95.5376	265.9353	16.06351916		266
5403U	84119	A	84342.94471478	.00419542	34644-4	20104-3	0	37
5403	64.7506	192.1678	0119463	95.5376	265.9353	16.06351916		266
5403U	84119	A	84344.00284342	.00346766	34620-4	16025-3	0	38
5403	64.7459	188.2487	0117926	95.1255	266.2255	16.07058227		283
5403U	84119	A	84344.87391018	.00322111	34389-4	14509-3	0	39
5403	64.7464	185.0206	0116485	94.7994	266.5345	16.07615754		297
5403U	84119	A	84346.98797723	.00394282	34673-4	16370-3	0	42
5403	64.7460	177.1712	0112385	93.9720	267.5468	16.09222007		331
5403U	84119	A	84347.57144533	.00410847	35038-4	16545-3	0	43
5403	64.7465	174.6301	0110661	93.1772	268.3901	16.09862744		342
1 15403U	84119	A	84348.91337990	.00454983	35078-4	17383-3	0	46
2 15403	64.7463	170.0046	0107366	92.6532	268.6599	16.11016479		362
1 15403U	84119	A	84348.97511240	.00649409	35154-4	18486-3	0	48
2 15403	64.7393	169.7729	0098581	101.1980	260.0304	16.15551770		363
1 15403U	84119	A	84349.96514970	.00710654	35455-4	18942-3	0	49
2 15403	64.7457	166.0564	0094608	100.8355	260.4245	16.16919623		379
1 15403U	84119	A	84351.20147099	.00219890	35391-4	11318-3	0	50
2 15403	64.7457	161.4097	0090504	120.5042	238.3680	16.11204327		399

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parts. 2

1	15403U	84119	A	84351.63632632	.02588222	34772-4	12911-2	0	52
2	15403	64.7518		159.7964	0088695	119.5698	241.3876	16.11431913	406
5403U	84119	A	84352.13279141	.00076731	35119-4	39867-4	0	54	
5403	64.7471		157.9306	0088387	120.3703	240.7562	16.11726043	414	
5403U	84119	A	84352.38096388	.00609285	35191-4	29516-3	0	55	
5403	64.7495		157.0123	0087574	119.8234	241.2977	16.12026135	418	
5403U	84119	A	84353.00123036	.00464878	35403-4	22012-3	0	57	
5403	64.7476		154.6951	0086192	119.8028	241.1680	16.12546999	428	
5403U	84119	A	84353.55930072	.00352538	35185-4	16600-3	0	58	
5403	64.7453		152.6104	0084496	119.2708	241.5230	16.12934779	437	
5403U	84119	A	84354.42715344	.00086122	34854-4	41223-4	0	61	
5403	64.7455		149.3659	0082306	118.5864	242.2868	16.13596810	451	
5403U	84119	A	84354.73702451	.00352439	35172-4	15768-3	0	62	
5403	64.7457		148.2040	0082406	118.7587	242.1891	16.13857004	456	
5403U	84119	A	84354.86095618	.00400894	35358-4	15768-3	0	63	
5403	64.7424		147.7397	0070265	124.0187	238.2286	16.17235874	458	

5403U	84119	A	84354.92254251	.00400711	35721-4	15768-3	0	64
5403	64.7422	147.5071	0069964	123.8825	236.9017	16.17279108		459
5403U	84119	A	84355.97348370	.00477383	35495-4	17732-3	0	65
5403	64.7447	143.5529	0067736	123.5073	237.3959	16.18234029		476
5403U	84119	A	84356.83843517	.00347798	34817-4	17732-3	0	66
5403	64.7451	140.3059	0114478	130.5688	225.5332	16.06663982		490
5403U	84119	A	84357.02602992	.00347640	34743-4	17732-3	0	67
5403	64.7443	139.6051	0113753	130.3038	230.8110	16.06795873		493
5403U	84119	A	84357.02602992	.00347640	34743-4	17732-3	0	68
5403	64.7443	139.6051	0113753	130.3038	230.8110	16.06795873		493
5403U	84119	A	84359.01677312	.00392137	35022-4	18775-3	0	71
5403	64.7449	132.2227	0109223	129.4308	231.6715	16.08318164		525
5403U	84119	A	84359.94928255	.00372242	34843-4	17300-3	0	72
5403	64.7454	128.7611	0107292	129.0335	231.9912	16.09005134		540
5403U	84119	A	84360.38432779	.00207959	33480-4	17300-3	0	73
5403	64.7424	127.1529	0154311	108.8202	245.8923	15.93468456		547
5403U	84119	A	84360.44832267	.00266068	34640-4	17300-3	0	74
5403	64.7484	126.9243	0101774	103.2948	260.3663	16.06276607		548
5403U	84119	A	84360.51016571	.02665024	34351-4	16939-2	0	75
5403	64.7491	126.6927	0103568	103.1022	258.0921	16.06029366		549
5403U	84119	A	84360.69692551	.01741831	34515-4	10819-2	0	76
5403	64.7421	125.9906	0103050	102.7592	258.2061	16.06404273		552

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5403U	84119	A	84360.75922815	.02051563	34162-4	10819-2	0	77
5403	64.7468		125.7687	0107589	105.0458	256.3975	16.07447347	553
5403U	84119	A	84360.82141363	.02095975	34831-4	10819-2	0	78
5403	64.7422		125.5296	0107698	105.1896	256.1149	16.07665357	554
5403U	84119	A	84361.07015335	.02147518	34754-4	10819-2	0	79
5403	64.7290		124.5906	0103549	104.2173	257.2583	16.08695071	558
5403U	84119	A	84361.25656634	.00437831	34885-4	20420-3	0	80
5403	64.7439		123.9201	0108208	106.1655	254.8700	16.08775399	561
5403U	84119	A	84362.00241767	.00451883	34798-4	20420-3	0	81
5403	64.7439		121.1511	0106517	106.0476	255.1747	16.09425383	573
5403U	84119	A	84362.93425273	.00456190	35009-4	19781-3	0	82
5403	64.7456		117.6841	0104195	105.5958	255.7216	16.10296016	588
5403U	84119	A	84363.30683110	.00457610	34882-4	19781-3	0	83
5403	64.7499		116.2988	0102730	105.0594	256.1528	16.10600613	594
5403U	84119	A	84363.74143305	.00487155	35312-4	20476-3	0	84
5403	64.7436		114.6768	0101806	104.8022	256.5045	16.11061559	601
5403U	84119	A	84363.98970344	.00486050	35113-4	20202-3	0	85
5403	64.7432		113.7513	0101150	104.9192	256.3185	16.11300263	605

15403U	84119	A	84364.92042428	.00494343	34927-4	19719-3	0	86	
15403	64.7429		110.2782	0098368	104.3283	256.9465	16.12241429	620	
5403U	84119	A	84365.91257886	.00484704	34941-4	18505-3	0	87	
5403	64.7426		106.5709	0095609	103.6144	257.4890	16.13205075	636	
5403U	84119	A	85	1.09002652	.00516299	35499-4	18707-3	0	88
5403	64.7415		102.1632	0091832	102.8499	258.4093	16.14424824	655	
5403U	84119	A	85	1.77121841	.00507397	35527-4	17716-3	0	90
5403	64.7426		99.6097	0089796	102.3668	258.5905	16.15173034	666	
15403U	84119	A	85	1.95698670	.00536280	35202-4	18507-3	0	91
5403	64.7413		98.9115	0089292	102.3532	258.7710	16.15377253	669	
5403U	84119	A	85	1.95698670	.00536280	35202-4	18507-3	0	92
5403	64.7413		98.9115	0089292	102.3532	258.7710	16.15377253	669	
15403U	84119	A	85	2.88533146	.00574290	35311-4	18722-3	0	93
15403	64.7431		95.4280	0086482	101.6803	259.5089	16.16450974	684	
5403U	84119	A	85	3.87485194	.00580117	35817-4	17846-3	0	94
5403	64.7447		91.7089	0083334	101.2681	259.7645	16.17593225	700	
5403U	84119	A	85	3.93667864	.00410517	34545-4	17846-3	0	95
5403	64.7467		91.4849	0116282	113.5249	244.0541	16.07991734	701	
5403U	84119	A	85	5.86441935	.00372811	35093-4	15521-3	0	100
5403	64.7435		84.3223	0110962	113.1650	248.1034	16.09474542	732	
5403U	84119	A	85	6.92047550	.00485599	35712-4	15521-3	0	101
5403	64.7443		80.3878	0072362	107.6906	256.8746	16.19087910	749	

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5403J	84119	A	85	7.96955679	.00510761	35639-4	15193-3	0	102
5403	64.7439		76.4309	0070221	107.8873	253.0491	16.20171621		766
15403U	84119	A	85	8.33988256	.00542305	35541-4	15930-3	0	102
15403	64.7450		75.0341	0068515	107.9471	253.0706	16.20570157		772

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Upp: 27 nov. 84

5406U	84120	A	84332.65908466	.00000606	-41482-5	00000	0	0	1
5406	82.6009	309.1748	0775428	47.7301	318.8362	14.63242998			1
5406J	84120	A	84347.01603033	.01064965	-43236-5	13066-3	0	44	
5406	82.5912	295.8581	0647196	0.1555	359.9754	14.92814932		213	

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Upp: 29 nov 84, Pladsby; Ned: 24 dec. 84

5414U	84121	A	84334.63762933	-.00001684	11652-4	00000	0	0	1
5414	72.8459	283.1961	0119059	86.4416	275.0910	15.99295397			1
5414U	84121	A	84334.88765665	-.00001719	12075-4	00000	0	0	2
5414	72.8249	282.5590	0119168	85.7021	274.7110	15.99253853			5
5414U	84121	A	84334.95039814	-.00001722	11990-4	00000	0	0	3
5414	72.8264	282.3960	0119263	85.1926	276.2897	15.99266333			6
5414U	84121	A	84335.01295289	-.00001709	11838-4	00000	0	0	4
5414	72.8262	282.2403	0119145	85.4202	276.0640	15.99258374			7
5414U	84121	A	84335.20061854	-.00001677	11684-4	00000	0	0	5
5414	72.8322	281.7663	0118635	85.2286	276.3463	15.99375518			10
5414U	84121	A	84335.20060147	.00562195	11937-4	50220-3	0	0	6
5414	72.8323	281.7665	0118645	85.1907	276.2834	15.99392348			10
5414U	84121	A	84335.51331578	.00109305	11522-4	99787-4	0	0	7
5414	72.8282	280.9738	0117672	84.4322	276.8620	15.99446614			15
5414U	84121	A	84335.82607771	.00397062	11670-4	35675-3	0	0	8
5414	72.8275	280.1816	0117482	83.6731	277.8202	15.99544985			20

5414U	84121	A	84335.95116099	.00416152	11486-4	36811-3 0	9
5414	72.8275	279.8619	0118288	83.0611	278.4034	15.99593655	22
5414U	84121	A	84336.13877785	.00179031	11532-4	15879-3 0	10
5414	72.8283	279.3871	0118180	82.5641	278.8542	15.99645609	25
15414U	84121	A	84336.95173107	.00107367	11707-4	95917-4 0	11
5414	72.8287	277.3257	0117388	80.8909	280.4450	15.99835880	38
5414U	84121	A	84337.95218790	.00125119	11450-4	11021-3 0	14
5414	72.8285	274.7892	0116330	73.5757	282.9340	16.00117080	54
5414U	84121	A	84339.01493267	.00137302	11829-4	11942-3 0	16
5414	72.8286	272.0919	0115676	75.8671	285.5578	16.00429623	71
15414U	84121	A	84339.82749349	.00134445	11810-4	11512-3 0	17
15414	72.8278	270.0278	0115225	73.7242	287.6916	16.00665175	84
5414U	84121	A	84339.95248742	.00131573	11747-4	11280-3 0	18
5414	72.8282	269.7109	0115002	73.5302	287.8480	16.00693257	86
5414U	84121	A	84340.51495247	.00179446	11806-4	15159-3 0	19
5414	72.8274	268.2823	0114638	72.1382	289.3171	16.00901039	95
5414U	84121	A	84341.13980224	.00179324	11845-4	15159-3 0	21
5414	72.8317	266.6943	0113483	70.5598	290.7232	16.01100645	105
5414U	84121	A	84342.13945551	.00143743	11704-4	11899-3 0	22
5414	72.8289	264.1543	0113636	68.2479	292.9786	16.01363623	121
5414U	84121	A	84342.88908998	.00130084	11636-4	10746-3 0	23
5414	72.8287	262.2502	0112685	66.3911	294.8870	16.01572942	133

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font 1

5414U 84121 A 84343.88844650 .00114371 12038-4 93871-4 0 24
 5414 72.8296 259.7079 0111838 64.0717 297.2571 16.01835675 149

15414U 84121 A 84344.88763473 .00126999 11640-4 10298-3 0 25
 15414 72.8291 257.1675 0111002 61.7855 299.5911 16.02113715 165

5414U 84121 A 84346.01150772 .00095936 11306-4 83289-4 0 27
 5414 72.8336 254.3086 0122518 57.5977 302.2509 15.99216321 183

5414U 84121 A 84346.01150772 .00095936 11306-4 83289-4 0 28
 5414 72.8336 254.3086 0122518 57.5977 302.2509 15.99216321 183

15414U 84121 A 84346.19942776 .00007173 00000-0 83289-4 0 29
 5414 72.8431 253.8717 0044715 209.7959 130.9130 15.60517854 186

5414U 84121 A 84346.97212870 .00015552 00000-0 -17937-3 0 30
 5414 72.8415 252.0236 0044624 203.3532 151.4887 15.60497997 198

5414U 84121 A 84347.03624365 .00007165 00000-0 83289-4 0 31
 5414 72.8465 251.8701 0044387 208.3808 151.5063 15.60510967 199

1 15414U 84121 A 84349.02360117 .00007156 00000-0 83289-4 0 34
 2 15414 72.8420 247.1190 0043908 204.1677 155.7519 15.60501513 230

1 15414U 84121 A 84350.04932925 .00072821 00000-0 83541-3 0 35
 2 15414 72.8425 244.6671 0044052 221.5310 158.2916 15.60518591 246

1	15414U	84121	A	84351.13919694	.00036657	00000-0	42383-3	0	36
2	15414	72.8427		242.0521	0043555	199.1598	160.8064	15.60489157	263
5414U	84121	A	84351.97259440	.00036704	00000-0	42383-3	0	37	
5414	72.8459	240.0734	0043949	197.2886	162.5541	15.60503689	276		
5414U	84121	A	84352.10083356	.00036677	00000-0	42383-3	0	38	
5414	72.8428	239.7623	0043620	196.9201	163.0400	15.60501094	278		
5414U	84121	A	84352.99837464	.00104852	00000-0	11993-2	0	39	
5414	72.8438	237.6167	0043762	195.2725	164.7387	15.60505035	292		
5414U	84121	A	84353.57532258	.00043052	00000-0	49799-3	0	40	
5414	72.8435	236.2364	0042962	193.9776	165.8142	15.60481862	301		
5414U	84121	A	84354.40877117	.00043018	00000-0	49799-3	0	42	
5414	72.8432	234.2442	0042851	192.2288	167.6685	15.60467983	314		
5414U	84121	A	84357.80660219	.00073340	00000-0	84680-3	0	46	
5414	72.8423	226.1239	0042715	184.4292	175.2667	15.60423961	367		
5414U	84121	A	84358.89653161	.00117681	00000-0	13497-2	0	48	
5414	72.8418	223.5149	0042664	181.6814	178.2304	15.60456087	384		
5414U	84121	A	84359.02478570	.00095905	00000-0	11022-2	0	49	
5414	72.8413	223.2113	0042741	181.4592	178.6378	15.60466114	386		

84-122A

LISA G (Titan 3)

Flpp: 4 dec. 1003 PST, VAFB

84-123 A

5427U	84123	A	84347.49145307	-.00000018	00000-0	00000 0 0	1
5427	93.8992	296.1147	0015494	260.9409	99.0677	14.12150319	0
5427U	84123	A	84347.56229175	-.00000019	00000-0	00000 0 0	2
5427	93.9193	296.2107	0014794	269.4503	90.2882	14.11352812.	1
5427U	84123	A	84347.70411840	.00000072	00000-0	49999-4 0	3
5427	93.9245	296.3557	0014661	263.2803	91.6724	14.11364999	3

84-124 A

1	15429U	84124A	84350.42507992	-.00000025		10000-3 0	2	
2	15429	62.8243	343.8413	7473666	280.1869	10.5035	1.95390073	3

84-125

VEGA 1

1	15433U	84125B	84350.50102631	-.00008506	53836-4	0	1	
2	15433	51.5548	232.0225	0027660	321.2264	38.3185	16.32331920	0
1	15434U	84125C	84350.50102631	-.00008491	58525-4	0	1	
2	15434	51.5262	232.0523	0029459	320.4369	39.5286	16.32531667	0

84-126A

15442U	84 126A	84354.20988696	-.00008368	57738-4	0	1	
15442	50.6668	81.0460	0037393	304.9147	54.8198	16.27892566	0

84-127A

~~.5446U 84127 A 84360.42721381 .00003846 00000-0 12752-3 0 12~~
.5446 65.8255 250.2440 0043440 336.4330 23.4821 15.31922365 75

84-128

VEGA 2

15451U 84128 C 84356.62073009 -.00005502--58822-4--00000 0-0-- 1
15451 51.5031 236.6083 0029492 319.3058 34.3343 16.31868854 4

84-129A

USA
