Request	Riders	Start (SCET)	Start (calenda	Duration	End	Primary	Secondary	Comments (SPASS)	Object	Samp	Line	Phase	Mag (pre-dic-ted)	Post-downlink comments (Tilmann Denk, FU Berlin)
														Notes : This spreadsheet somehow summarizes the Cassini observations o
														For this sheet, information from the Project's SPASSes (SPacecraft Attitude
														Almost all observations in this sheet were planned by myself (at DLR and F
														The SATELLORB requests (displayed in blue in this sheet) were planned by
														Rider instruments (mainly UVIS and VIMS) can be taken from column B. No
														An occasionally updated version of this document plus lots of other stuff c
														https://tilmanndenk.de/outersaturnianmoons
														This is the document version of **15 Mar 2018**.
Cruise phase (Jupiter flyby)														
Sequence C023		2000-310T05:25:00		069T21:35:00	2001-014T03:00:00									
VIMS_C23HI_HIM1X1001_PRIME	I, U	2000-353T20:00:00	2000-12-18	000T06:00:00	2000-354T02:00:00	(Himalia)			**Himalia**	*789*	*237*	70	disk-res.	Irregular moon of Jupiter. Object was resolved (~4x6 NAC pixels). Very red
Cruise phase (Saturn approach)														
Sequence S001, length = 35 ...		2004-135T18:40:00		036T03:12:00	2004-171T21:52:00									
ISS_000PH_FULROTIN001_PRIME	C, U, V	2004-162T01:53:00	2004-06-10	000T11:44:00	2004-162T13:37:00	CIRS_FP3 to Phoebe	NEG_X to Sun	Accomodate CIRS and U	**Phoebe**	*530*	*340*	87	disk-res.	Day before targeted flyby. Phoebe is already visible as a disk.
ISS_000PH_LOWRES0001_PRIME	C, U	2004-163T05:23:00	2004-06-11	000T00:16:00	2004-163T05:39:00	ISS_NAC to Phoebe	POS_Z to NEP	S_N_ER_-5a	**Phoebe**			87	disk-res.	Targeted flyby inbound. Despite a conservative exposure-time selection, p
ISS_000PH_LOWRES1A001_PRIME	C, U	2004-163T08:31:00	2004-06-11	000T00:16:00	2004-163T08:47:00	ISS_NAC to Phoebe	POS_Z to NEP	S_N_ER_-5a	**Phoebe**			87	disk-res.	
ISS_000PH_LOWRES1B001_PRIME	C, U, V	2004-163T09:18:00	2004-06-11	000T00:16:00	2004-163T09:34:00	ISS_NAC to Phoebe	POS_Z to NEP	S_N_ER_-5a	**Phoebe**			87	disk-res.	
ISS_000PH_LOWRES1C001_PRIME	C, U, V	2004-163T10:05:00	2004-06-11	000T00:16:00	2004-163T10:21:00	ISS_NAC to Phoebe	POS_Z to NEP	S_N_ER_-5a	**Phoebe**			87	disk-res.	
ISS_000PH_LOWRES1D001_PRIME	C, R, U, V	2004-163T10:52:00	2004-06-11	000T00:16:00	2004-163T11:08:00	ISS_NAC to Phoebe	POS_Z to NEP	S_N_ER_-5a	**Phoebe**			87	disk-res.	
ISS_000PH_LOWRES1E001_PRIME	C, R, U, V	2004-163T11:39:00	2004-06-11	000T00:16:00	2004-163T11:55:00	ISS_NAC to Phoebe	POS_Z to NEP	S_N_ER_-5a	**Phoebe**			87	disk-res.	
ISS_000PH_LOWRES1F001_PRIME	C, R, U, V	2004-163T12:26:00	2004-06-11	000T00:16:00	2004-163T12:42:00	ISS_NAC to Phoebe	POS_Z to NEP	S_N_ER_-5a	**Phoebe**			87	disk-res.	
ISS_000PH_LOWRES1G001_PRIME	C, R, U, V	2004-163T13:13:00	2004-06-11	000T00:05:00	2004-163T13:18:00	ISS_NAC to Phoebe	POS_Z to NEP	S_N_ER_-5a	**Phoebe**			86	disk-res.	
Begin Custom		**2004-163T14:03:37**	**2004-06-11**	**000T00:01:00**	**2004-163T14:04:37**									
ISS_000PH_LOWRES1J001_PRIME	U, V	2004-163T15:34:37	2004-06-11	000T00:36:00	2004-163T16:10:37	ISS_NAC to Phoebe	POS_Z to NEP	Pick up at NEG_Z to Phc	**Phoebe**			86	disk-res.	
ISS_000PH_LOWRES1K001_PRIME	C, U, V	2004-163T16:41:37	2004-06-11	000T00:16:00	2004-163T16:57:37	ISS_NAC to Phoebe	POS_Z to NEP	Pick up at ISS_NAC to Pl	**Phoebe**			85	disk-res.	
ISS_000PH_LOWRES1L001_PRIME	C, U, V	2004-163T17:28:37	2004-06-11	000T00:15:00	2004-163T17:43:37	ISS_NAC to Phoebe	POS_Z to NEP	Pick up at ISS_NAC to Pl	**Phoebe**			85	disk-res.	
ISS_000PH_MEDRESA001_PRIME	C, U, V	2004-163T18:03:37	2004-06-11	000T00:08:00	2004-163T18:11:37	ISS_NAC to Phoebe	POS_Z to NEP	Pick up at ISS_NAC to Pl	**Phoebe**			84	disk-res.	
ISS_000PH_MEDRESB001_PRIME	C, M, R, U, V	2004-163T18:24:37	2004-06-11	000T00:14:00	2004-163T18:38:37	ISS_NAC to Phoebe	POS_Z to North_Pole_D	Pick up at ISS_NAC to Pl	**Phoebe**			83	disk-res.	
ISS_000PH_HIRESA001_PRIME	C, M, R, U, V	2004-163T18:50:37	2004-06-11	000T00:21:00	2004-163T19:11:37	ISS_NAC to Phoebe	POS_Z to North_Pole_D	Pick up at ISS_NAC to Pl	**Phoebe**			80	disk-res.	
ISS_000PH_HIRESC001_PRIME	C, M, R, U, V	2004-163T19:21:37	2004-06-11	000T01:07:00	2004-163T20:28:37	ISS_NAC to Phoebe	POS_Z to North_Pole_D	Pick up at ISS_NAC to Pl	**Phoebe**			40	disk-res.	Includes closest-approach images
ISS_000PH_MEDRESD001_PRIME	C, R, U, V	2004-163T20:43:37	2004-06-11	000T00:10:00	2004-163T20:53:37	ISS_NAC to Phoebe	NEG_X to 5.5/-78.7	Pick up at ISS_NAC to Pl	**Phoebe**			89	disk-res.	
End Custom		**2004-164T01:48:37**	**2004-06-12**	**000T00:01:00**	**2004-164T01:49:37**									
ISS_000PH_LOWRES2A001_PRIME	C, U, V	2004-164T02:33:00	2004-06-12	000T00:16:00	2004-164T02:49:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			92	disk-res.	Targeted flyby outbound
ISS_000PH_LOWRES2B001_PRIME	C, U, V	2004-164T03:20:00	2004-06-12	000T00:16:00	2004-164T03:36:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			92	disk-res.	
ISS_000PH_LOWRES2C001_PRIME	C, U, V	2004-164T04:07:00	2004-06-12	000T00:16:00	2004-164T04:23:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			92	disk-res.	
ISS_000PH_LOWRES2D001_PRIME	C, U, V	2004-164T04:54:00	2004-06-12	000T00:16:00	2004-164T05:10:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			92	disk-res.	
ISS_000PH_LOWRES2E001_PRIME	C, U, V	2004-164T05:41:00	2004-06-12	000T00:16:00	2004-164T05:57:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			92	disk-res.	
ISS_000PH_LOWRES2F001_PRIME	C, U, V	2004-164T06:28:00	2004-06-12	000T00:16:00	2004-164T06:44:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			92	disk-res.	
ISS_000PH_LOWRES2G001_PRIME	C, U, V	2004-164T07:15:00	2004-06-12	000T00:16:00	2004-164T07:31:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			92	disk-res.	
ISS_000PH_LOWRES2H001_PRIME	C, U, V	2004-164T08:02:00	2004-06-12	000T00:16:00	2004-164T08:18:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			92	disk-res.	
ISS_000PH_LOWRES2I001_PRIME	C, U, V	2004-164T08:49:00	2004-06-12	000T00:16:00	2004-164T09:05:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			92	disk-res.	
ISS_000PH_LOWRES2J001_PRIME	C, U, V	2004-164T09:36:00	2004-06-12	000T00:16:00	2004-164T09:52:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			92	disk-res.	
ISS_000PH_LOWRES2K001_PRIME	C, U	2004-164T10:23:00	2004-06-12	000T00:16:00	2004-164T10:39:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			93	disk-res.	
ISS_000PH_LOWRES2L001_PRIME	C, U	2004-164T11:10:00	2004-06-12	000T00:16:00	2004-164T11:26:00	ISS_NAC to Phoebe	NEG_Z to NEP	S_N_ER_-5	**Phoebe**			93	disk-res.	Last observaton of targeted Phoebe flyby
Primary mission start														
Sequence S003, length = 44 ...		2004-212T21:32:00		043T14:03:00	2004-256T11:35:00									
ISS_000PH_040PHO001_PRIME	M, U	2004-219T00:22:00	2004-08-06	000T03:45:00	2004-219T04:07:00	ISS_NAC to Phoebe	NEG_X to Sun		**Phoebe**	*232*	*532*	37	5.1	
Sequence S004, length = 36 ...		2004-256T11:35:00		035T21:55:00	2004-292T09:30:00									
ISS_00APH_002PHO001_PRIME	U	2004-281T20:30:00	2004-10-07	000T10:45:00	2004-282T07:15:00	ISS_NAC to Satellites	POS_Z to NSP		**Phoebe**	*561*	*549*	3	6.7	
Sequence S010, length = 35 ...		2005-099T05:15:00	JENCE_010+00	034T21:35:00	2005-134T02:50:00									
ISS_006OT_SATELLORB028_PRIME	M	2005-110T06:15:00	2005-04-20	000T00:30:00	2005-110T06:45:00	ISS_NAC to Satellites	POS_Z to Sun		**Phoebe**	*476*	*520*	78	8.0	
ISS_006OT_SATELLORB029_PRIME	M	2005-110T14:55:00	2005-04-20	000T00:30:00	2005-110T15:25:00	ISS_NAC to Satellites	POS_Z to Sun		**Phoebe**	*486*	*521*	78	8.0	
Sequence S014, length = 39 ...		2005-242T21:43:00		038T14:47:00	2005-281T12:30:00									
ISS_015OT_SATELLORB036_PRIME	M	2005-273T21:06:00	2005-09-30	000T00:30:00	2005-273T21:36:00	ISS_NAC to Satellites	POS_X to NSP		**Tarvos**			79	13.5	Request joint with Siarnaq. First attempt of Cassini to observe (non-Phoeb
ISS_015OT_SATELLORB036_PRIME	M	2005-273T21:06:00	2005-09-30	000T00:30:00	2005-273T21:36:00	ISS_NAC to Satellites	POS_X to NSP		**Siarnaq**			88	12.3	Request joint with Tarvos. First attempt of Cassini to observe (non-Phoebe
ISS_016PH_160PHO001_PRIME	M	2005-278T21:15:00	2005-10-05	000T10:45:00	2005-279T08:00:00	ISS_NAC to Phoebe	POS_Z to Saturn		**Phoebe**	*504*	*513*	162	12.1	Reliable signal only in clear-filter data.
Sequence S015, length = 35 ...		2005-281T12:30:00		035T04:31:00	2005-316T17:01:00									
ISS_017PH_140PHO001_PRIME	M, U	2005-310T02:55:00	2005-11-06	000T10:45:00	2005-310T13:40:00	ISS_NAC to Phoebe	NEG_X to Sun		**Phoebe**	*521*	*507*	140	9.5	
Sequence S016, length = 35 ...		2005-316T17:01:00		034T21:20:00	2005-351T14:21:00									
ISS_018PH_110PHO001_PRIME	U	2005-337T11:15:00	2005-12-03	000T11:00:00	2005-337T22:15:00	ISS_NAC to Phoebe	NEG_Z to NSP		**Phoebe**	*514*	*510*	109	7.7	91 clr filter images for lightcurve.
ISS_019PH_090PHO001_PRIME	M, R, U	2005-348T15:15:00	2005-12-14	000T10:45:00	2005-349T02:00:00	ISS_NAC to Phoebe	NEG_X to Sun	TelMode switch from S_	**Phoebe**	*512*	*512*	90	6.8	
ISS_019OT_SATELLORB015_PRIME	M	2005-349T19:31:00	2005-12-15	000T00:30:00	2005-349T20:01:00	ISS_NAC to Satellites	POS_Z to Sun		**Albiorix**	*460*	*520*	73	12.8	S/C inertial pointing was RA/Dec = 60.302733,-10.440889. First reliable ide
Sequence S017, length = 42 ...		2005-351T14:21:00		040T13:42:00	2006-027T04:03:00									

ISS_019OT_SATELLORB021_PRIME	M	2005-352T04:11:00	2005-12-18	000T00:30:00	2005-352T04:41:00	ISS_NAC to Satellites	POS_Z to Sun	Up to 8 satellite targets	**Albiorix**	*457*	*518*	71	12.6	S/C inertial pointing was RA/Dec = 62.301220,-9.891719
ISS_019PH_070PHO001_PRIME	U	2006-004T13:52:00	2006-01-04	000T11:30:00	2006-005T01:22:00	ISS_NAC to Phoebe	NEG_Z to NSP		**Phoebe**	*512*	*511*	71	6.5	
Sequence S019, length = 42 ...		2006-070T00:35:00		042T04:40:00	2006-112T05:15:00									
ISS_022OT_SATELLORB028_PRIME	M	2006-088T18:43:00	2006-03-29	000T00:30:00	2006-088T19:13:00	ISS_NAC to Satellites	POS_X to NEP		**Paaliaq**			148	16.9	S/C pointing was RA/Dec = 343.507590,-9.714107 (inertial). Five Paaliaq ob
ISS_022OT_SATELLORB029_PRIME	M	2006-089T07:18:00	2006-03-30	000T00:30:00	2006-089T07:48:00	ISS_NAC to Satellites	POS_X to NEP		**Paaliaq**			148	16.8	RA/Dec = 343.785153,-9.503645
ISS_022OT_SATELLORB031_PRIME	M	2006-093T19:27:00	2006-04-03	000T00:30:00	2006-093T19:57:00	ISS_NAC to Satellites	POS_X to NEP		**Paaliaq**			146	16.7	RA/Dec = 346.019500,-7.879379
ISS_022OT_SATELLORB032_PRIME	M	2006-094T19:27:00	2006-04-04	000T00:30:00	2006-094T19:57:00	ISS_NAC to Satellites	POS_X to NEP		**Paaliaq**			145	16.7	RA/Dec = 346.490540,-7.543449
ISS_022OT_SATELLORB034_PRIME	M	2006-098T06:57:00	2006-04-08	000T00:50:00	2006-098T07:47:00	ISS_NAC to Satellites	NEG_X to Sun		**Paaliaq**			143	16.5	RA/Dec = 348.039729,-6.428406

s30 to s39: Times originally allocated to OPNAV were not needed by them => late addition of short irregular moon requests into timeline was possible. Target selection was mainly driven by WP (waypoint) turn times.

Sequence S030, length = 37 ...		2007-124T22:00:00		037T05:10:00	2007-162T03:10:00									ab (anti-blooming command) = ON for clear-filter images
ISS_044OT_OUTERSATS127_PRIME	M	2007-127T09:15:00	2007-05-07	000T02:00:00	2007-127T11:15:00	ISS_NAC to Rocks	POS_X to NSP	TelMode S_N_ER_5. Se	**Skathi**	*439*	*492*	47	14.1	Request joint with Mundilfari, Kiviuq. Position information needs confirma
ISS_044OT_OUTERSATS127_PRIME	M	2007-127T09:15:00	2007-05-07	000T02:00:00	2007-127T11:15:00	ISS_NAC to Rocks	POS_X to NSP	TelMode S_N_ER_5. Se	**Mundilfari**	*427*	*540*	50	15.1	Request joint with Skathi, Kiviuq. Position information needs confirmation.
ISS_044OT_OUTERSATS127_PRIME	M	2007-127T09:15:00	2007-05-07	000T02:00:00	2007-127T11:15:00	ISS_NAC to Rocks	POS_X to NSP	TelMode S_N_ER_5. Se	**Kiviuq**	*580*	*554*	96	14.3	Request joint with Skathi, Mundilfari. Position information needs confirma
ISS_044OT_OUTERSATS135_PRIME	M	2007-135T05:13:00	2007-05-15	000T01:00:00	2007-135T06:13:00	ISS_NAC to Rocks	NEG_X to Sun	TelMode S_N_ER_5	**Ijiraq**	*532*	*520*	101	13.9	
ISS_044OT_OUTERSATS137_PRIME	M	2007-137T10:20:00	2007-05-17	000T01:08:00	2007-137T11:28:00	ISS_NAC to Rocks	POS_X to NSP	TelMode S_N_ER_5	**Bestla**			77	16.8	
ISS_045OT_OUTERSATS151_PRIME	M	2007-151T04:11:00	2007-05-31	000T01:00:00	2007-151T05:11:00	ISS_NAC to Rocks	NEG_Z to Sun	TelMode S_N_ER_5	**Fornjot**			9	17.2	Very likely too dark.
ISS_045OT_OUTERSATS153_PRIME	M	2007-153T09:15:00	2007-06-02	000T01:11:00	2007-153T10:26:00	ISS_NAC to Rocks	NEG_X to Sun	TelMode S_N_ER_5	**Siarnaq**			133	15.1	
ISS_046OT_OUTERSATS156_PRIME	M	2007-156T20:25:00	2007-06-05	000T01:00:00	2007-156T21:25:00	ISS_NAC to Rocks	NEG_Z to Sun	TelMode S_N_ER_5	**Paaliaq**	238	254	38	12.3	
ISS_046OT_OUTERSATS159_PRIME	C, M	2007-159T03:55:00	2007-06-08	000T01:00:00	2007-159T04:55:00	ISS_NAC to Rocks	NEG_X to Sun	TelMode S_N_ER_5	**S/2004 S13**			59	16.4	Request joint with Hati. For both targets, it appears unlikely that the pointi
ISS_046OT_OUTERSATS159_PRIME	C, M	2007-159T03:55:00	2007-06-08	000T01:00:00	2007-159T04:55:00	ISS_NAC to Rocks	NEG_X to Sun	TelMode S_N_ER_5	**Hati**			92	17.0	Request joint with S/2004 S13. For both targets, it appears unlikely that th
ISS_046OT_SATELLORB017_PRIME	M	2007-160T15:10:00	2007-06-09	000T00:30:00	2007-160T15:40:00	ISS_NAC to Rocks	NEG_X to Sun		**Phoebe**	*501*	*519*	79	7.4	
Sequence S031, length = 33 ...		2007-162T03:10:00		032T21:56:00	2007-195T01:06:00									ab=ON
ISS_046OT_OUTERSATS165_PRIME	M, U	2007-165T21:17:00	2007-06-14	000T01:00:00	2007-165T22:17:00	UVIS_FUV to Rocks	POS_X to NSP	TelMode S_N_ER_5	**Mundilfari**			69	15.6	
ISS_047OT_OUTERSATS175_PRIME	M, U	2007-175T19:08:00	2007-06-24	000T01:00:00	2007-175T20:08:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5	**Tarvos**			73	15.2	Request joint with Kiviuq.
ISS_047OT_OUTERSATS175_PRIME	M, U	2007-175T19:08:00	2007-06-24	000T01:00:00	2007-175T20:08:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5	**Kiviuq**			121	15.1	Request joint with Tarvos.
ISS_047OT_OUTERSATS184_PRIME	M, U	2007-184T15:07:00	2007-07-03	000T01:00:00	2007-184T16:07:00	UVIS_FUV to Rocks	POS_X to NSP	TelMode S_N_ER_5	**Skathi**			94	15.0	
ISS_048OT_OUTERSATS192_PRIME	M, R, U	2007-192T14:02:00	2007-07-11	000T01:05:00	2007-192T15:07:00	UVIS_FUV to Rocks	POS_X to NSP	TelMode S_N_ER_5	**Erriapus**			113	14.6	
Sequence S035, length = 42 ...		2007-304T18:40:00		043T21:20:00	2007-348T16:00:00									ab=ON
ISS_053OT_OUTERSATS330_PRIME	M	2007-330T17:43:00	2007-11-26	000T01:02:00	2007-330T18:45:00	UVIS_FUV to Rocks	NEG_Z to NSP	TelMode S_N_ER_5	**Erriapus**	258	272	21	14.2	
ISS_053OT_OUTERSATS331_PRIME	M	2007-331T10:13:00	2007-11-27	000T01:02:00	2007-331T11:15:00	UVIS_FUV to Rocks	NEG_X to NSP	TelMode S_N_ER_5	**Ymir**			105	15.1	
ISS_053OT_PAALIAQ333_PRIME	M	2007-333T19:30:00	2007-11-29	000T11:00:00	2007-334T06:30:00	ISS_NAC to Rocks	NEG_X to NSP	TelMode S_N_ER_5. Th	**Kiviuq**	*458*	*537*	110	13.8	Request joint with Siarnaq, Paaliaq.
ISS_053OT_PAALIAQ333_PRIME	M	2007-333T19:30:00	2007-11-29	000T11:00:00	2007-334T06:30:00	ISS_NAC to Rocks	NEG_X to NSP	TelMode S_N_ER_5. Th	**Siarnaq**			133	14.6	Request joint with Kiviuq, Paaliaq.
ISS_053OT_PAALIAQ333_PRIME	M	2007-333T19:30:00	2007-11-29	000T11:00:00	2007-334T06:30:00	ISS_NAC to Rocks	NEG_X to NSP	TelMode S_N_ER_5. Th	**Paaliaq**	244	249	127	14.0	First long-duration non-Phoebe request of an irregular moon (9:08 h tracki
Sequence S036, length = 39 ...		2007-348T16:00:00		038T21:35:00	2008-022T13:35:00									ab=ON
ISS_054OT_OUTERSATS360_PRIME	M, U	2007-360T21:17:00	2007-12-26	000T01:00:00	2007-360T22:17:00	UVIS_FUV to Rocks	NEG_X to NSP	TelMode S_N_ER_5	**Kiviuq**	*520*	*573*	76	12.7	
ISS_055OT_OUTERSATS362_PRIME	C, M, U	2007-362T15:47:00	2007-12-28	000T01:00:00	2007-362T16:47:00	UVIS_FUV to Rocks	POS_X to NSP	TelMode S_N_ER_5	**Albiorix**	272	297	113	14.2	
ISS_056OT_OUTERSATS014_PRIME	C, M, R	2008-014T19:05:00	2008-01-14	000T01:00:00	2008-014T20:05:00	UVIS_FUV to Rocks	POS_Z to NSP	TelMode S_N_ER_5.	**Ijiraq**			98	14.9	
Sequence S039, length = 27 ...		2008-083T01:50:00		027T05:28:00	2008-110T07:18:00									ab=ON
ISS_063OT_YMIR096_PRIME	C, M	2008-096T21:49:00	2008-04-05	000T01:00:00	2008-096T22:49:00	UVIS_FUV to Rocks	POS_X to NSP	TelMode S_N_ER_5	**Ymir**	279	282	54	13.5	
ISS_064OT_YMIR099_PRIME	C, M, V	2008-099T08:34:00	2008-04-08	000T09:30:00	2008-099T18:04:00	UVIS_FUV to Rocks	NEG_Z to NSP		**Ymir**	270	283	55	13.5	Second long-duration non-Phoebe request of an irregular moon (9:12 h tra

Equinox mission start

Sequence S44, length = 35 days		2008-257T22:19:00		034T22:02:00	2008-292T20:21:00									ab=ON
ISS_086OT_SATELLORB007_PRIME		2008-270T08:05:00	2008-09-26	000T00:30:00	2008-270T08:35:00	ISS_NAC to Rocks	NEG_X to Sun		**Ymir**	*486*	*540*	34	13.2	
ISS_087OT_SATELLORB008_PRIME	C	2008-278T01:25:00	2008-10-04	000T00:30:00	2008-278T01:55:00	ISS_NAC to Rocks	NEG_X to Sun		**Ymir**	--	--	37	13.3	Rings block view to object
ISS_088OT_OUTERSATS001_PRIME	U	2008-287T08:45:00	2008-10-13	000T02:15:00	2008-287T11:00:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5.	**Ymir**	275	299	40	13.3	
Sequence S46, length = 44 days		2008-331T17:55:00		043T21:21:00	2009-009T15:16:00									
ISS_099OT_SATELLORB015_PRIME		2009-008T15:56:00	2009-01-08	000T00:30:00	2009-008T16:26:00	ISS_NAC to Rocks	NEG_X to Sun		**Suttungr**	--	--	31	16.5	Rings block view to object
Sequence S47, length = 39 days		2009-009T15:16:00		038T21:19:00	2009-048T12:35:00									
ISS_101OT_SATELLORB016_PRIME		2009-028T03:53:00	2009-01-28	000T00:30:00	2009-028T04:23:00	ISS_NAC to Rocks (0.0,-;	NEG_X to Sun		**Loge**	--	--	30	17.1	Object too dark
Sequence S48, length = 37 days		2009-048T12:35:00		036T21:30:00	2009-085T10:05:00									ab=ON
ISS_104OT_OUTERSATS001_PRIME	R	2009-051T16:30:00	2009-02-20	000T01:30:00	2009-051T18:00:00	UVIS_FUV to Rocks	POS_Z to NSP	TelMode S_N_ER_5a.	**Skathi**	277	249	35	15.1	4-panel mosaics => S,L=445,416 in frames N1613842000, N1613843612, N
ISS_104OT_SATELLORB021_PRIME	C	2009-061T06:15:00	2009-03-02	000T00:30:00	2009-061T06:45:00	ISS_NAC to Rocks	NEG_X to Sun		**Thrymr**			46	15.2	
ISS_105OT_OUTERSATS001_PRIME	C	2009-064T06:00:00	2009-03-05	000T02:00:00	2009-064T08:00:00	UVIS_FUV to Rocks (0.0	NEG_X to Sun	TelMode S_N_ER_5.	**Siarnaq**	289	296	92	13.2	
ISS_105OT_SATELLORB011_PRIME	C	2009-066T14:05:00	2009-03-07	000T01:25:00	2009-066T15:30:00	ISS_NAC to Rocks	NEG_X to Sun		**Siarnaq**	--	--	93	13.3	Rings block view to object
ISS_106OT_SIARNAQ084_PRIME		2009-084T12:45:00	2009-03-25	000T11:40:00	2009-085T00:25:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5.	**Siarnaq**	296	297	96	13.2	Third long-duration non-Phoebe request of an irregular moon (10:18 h trac
Sequence S49, length = 40 days		2009-085T10:05:00		039T21:11:00	2009-125T07:16:00									ab=ON
ISS_108OT_OUTERSATS001_PRIME		2009-095T20:39:00	2009-04-05	000T03:00:00	2009-095T23:39:00	UVIS_FUV to Rocks (0.0	NEG_X to Sun	TelMode S_N_ER_5.	**Narvi**			28	15.9	Request joint with Thrymr. Narvi pointing was inertial to RA/Dec = 161.99°,
ISS_108OT_OUTERSATS001_PRIME		2009-095T20:39:00	2009-04-05	000T03:00:00	2009-095T23:39:00	UVIS_FUV to Rocks (0.0	NEG_X to Sun	TelMode S_N_ER_5.	**Thrymr**			79	15.8	Request joint with Narvi.
ISS_108OT_OUTERSATS002_PRIME		2009-105T09:28:00	2009-04-15	000T01:55:00	2009-105T11:23:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5.	**Ijiraq**	/	/	111	15.7	**No data found in PDS.**
Sequence S50, length = 39 days		2009-125T07:16:00		038T21:25:00	2009-164T04:41:00									ab=ON

ISS_110OT_SATELLORB006_PRIME		2009-130T20:01:00	2009-05-10	000T00:30:00	2009-130T20:31:00	ISS_NAC to Rocks	NEG_X to Sun			Skoll	--	--	51	15.3	Rings block view to object
ISS_112OT_KIVIUQ154_PRIME	M	2009-154T00:38:00	2009-06-03	000T10:34:00	2009-154T11:12:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5.		Kiviuq	261	267	20	12.0	Fourth long-duration non-Phoebe request of an irregular moon (9:20 h trac
Sequence S51, length = 41 days		2009-164T04:41:00		040T17:10:00	2009-204T21:51:00										ab=ON
ISS_112OT_OUTERSATS002_PRIME	M	2009-166T04:53:00	2009-06-15	000T05:53:00	2009-166T10:46:00	UVIS_FUV to Rocks	NEG_Z to Sun	TelMode S_N_ER_5.		Kiviuq	/	/	4	12.3	**No data found in PDS.**
ISS_113OT_OUTERSATS001_PRIME	M	2009-169T10:45:00	2009-06-18	000T08:45:00	2009-169T19:30:00	UVIS_FUV to Rocks	NEG_Z to Sun	Pick up at ISS_NAC to Sa		Paaliaq	321	285	21	11.2	Fifth long-duration non-Phoebe request of an irregular moon (7:51 h tracki
Sequence S53, length = 41 days		2009-237T00:04:00		041T03:59:00	2009-278T04:03:00										ab=ON
ISS_117OT_SATELLORB018_PRIME	M	2009-246T13:45:00	2009-09-03	000T00:30:00	2009-246T14:15:00	ISS_NAC to Rocks	POS_X to 244.5/84.0			Bestla			78	15.0	
ISS_117OT_SATELLORB020_PRIME	M	2009-247T01:20:00	2009-09-04	000T00:30:00	2009-247T01:50:00	ISS_NAC to Rocks	POS_X to 244.5/84.0			Kari	--	--	95	18.2	Object too dark
ISS_117OT_SATELLORB028_PRIME	M	2009-249T19:45:00	2009-09-06	000T00:30:00	2009-249T20:15:00	ISS_NAC to Rocks	POS_X to 244.5/84.0			Kari	--	--	95	18.2	Object too dark
ISS_117OT_OUTERSATS002_PRIME	M, R	2009-250T14:33:00	2009-09-07	000T03:00:00	2009-250T17:33:00	UVIS_FUV to Rocks (0.0	POS_X to 244.5/84.0	TelMode S_N_ER_5A		Kiviuq	268	308	55	13.2	
ISS_118OT_OUTERSATS002_PRIME	M, U	2009-257T09:08:00	2009-09-14	000T03:00:00	2009-257T12:08:00	UVIS_FUV to Rocks (0.0	NEG_Z to Earth			Ijiraq	357	199	27	12.3	
ISS_118OT_SATELLORB020_PRIME	M	2009-271T04:30:00	2009-09-28	000T00:30:00	2009-271T05:00:00	ISS_NAC to Rocks	NEG_X to Sun			Kari	--	--	91	18.1	Object too dark
Sequence S54, length = 40 days		2009-278T04:03:00		039T15:18:00	2009-317T19:21:00										ab=OFF (s54 to s64)
ISS_119OT_OUTERSATS002_PRIME	M, U	2009-295T08:07:00	2009-10-22	000T03:00:00	2009-295T11:07:00	UVIS_FUV to Rocks	NEG_X to Sun			Bestla	*174*	*152*	30	13.7	Clr images: Mostly 4x4 summation images.
ISS_120OT_OUTERSATS001_PRIME	M, U	2009-297T13:44:00	2009-10-24	000T03:00:00	2009-297T16:44:00	UVIS_FUV to Rocks	NEG_X to Sun			Bestla	*175*	*148*	32	13.7	Clr images: Mostly 4x4 summation images.
ISS_120OT_SATELLORB006_PRIME	M	2009-309T15:00:00	2009-11-05	000T00:30:00	2009-309T15:30:00	ISS_NAC to Rocks	NEG_Z to NSP			Kari	--	--	85	17.8	Object too dark
ISS_120OT_OUTERSATS002_PRIME	M, U	2009-313T05:26:00	2009-11-09	000T04:30:00	2009-313T09:56:00	UVIS_FUV to Rocks	NEG_X to Sun			Bestla	325	261	36	13.9	Clr images: Mostly 2x2 and 4x4 summation images alternating.
ISS_121OT_OUTERSATS001_PRIME	M, U	2009-316T12:46:00	2009-11-12	000T03:00:00	2009-316T15:46:00	UVIS_FUV to Rocks	NEG_Z to NSP			Kiviuq	*121*	*145*	92	14.2	Mostly 4x4 summation images. Position information needs confirmation.
Sequence S55, length = 39 days		2009-317T19:21:00		039T04:05:00	2009-356T23:26:00										
ISS_123OT_OUTERSATS001_PRIME	M, U	2009-355T10:21:00	2009-12-21	000T02:25:00	2009-355T12:46:00	UVIS_FUV to Rocks	NEG_X to Sun			Siarnaq			131	15.2	4x4 summation images.
Sequence S56, length = 32 days		2009-356T23:26:00		031T15:34:00	2010-023T15:00:00										
ISS_124OT_OUTERSATS001_PRIME	M, U	2010-004T09:23:00	2010-01-04	000T03:00:00	2010-004T12:23:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5		Erriapus	299	253	72	13.7	
Sequence S57, length = 37 days		2010-023T15:00:00		037T04:04:00	2010-060T19:04:00										
ISS_125OT_ERRIAPUS001_PRIME	M	2010-033T09:26:00	2010-02-02	000T13:11:00	2010-033T22:37:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5		Erriapus	289	265	42	13.6	Sixth long-duration non-Phoebe request of an irregular moon (11:56 h trac
ISS_125OT_OUTERSATS002_PRIME	M, U	2010-035T07:07:00	2010-02-04	000T04:00:00	2010-035T11:07:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5		Erriapus	290	268	42	13.6	
ISS_126OT_OUTERSATS001_PRIME	M, U	2010-038T20:02:00	2010-02-07	000T03:00:00	2010-038T23:02:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5		Skoll	--	--	126	19.5	Planning was confused by the fact that the SPICE NAIF_BODY_CODE 65055
ISS_127OT_OUTERSATS001_PRIME	M, U	2010-055T03:48:00	2010-02-24	000T03:00:00	2010-055T06:48:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5.		Skoll	--	--	122	19.4	Planning was confused by the fact that the SPICE NAIF_BODY_CODE 65055
ISS_127OT_OUTERSATS003_PRIME	M, U	2010-057T00:38:00	2010-02-26	000T02:52:00	2010-057T03:30:00	UVIS_FUV to Rocks	NEG_X to Sun	Pick-up at end-attitude		Tarvos	253	282	50	14.5	
Sequence S58, length = 34 days		2010-060T19:04:00		034T07:45:00	2010-095T02:49:00										
ISS_127OT_OUTERSATS002_PRIME	M, U	2010-070T15:39:00	2010-03-11	000T03:00:00	2010-070T18:39:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5		Erriapus	273	275	28	14.0	
ISS_128OT_OUTERSATS002_PRIME	M, U	2010-088T04:24:00	2010-03-29	000T03:00:00	2010-088T07:24:00	UVIS_FUV to Rocks	NEG_X to Sun			Bebhionn	258	292	29	14.6	
Sequence S59, length = 42 days		2010-095T02:49:00		042T10:42:00	2010-137T13:31:00										
ISS_129OT_OUTERSATS002_PRIME	M, R, U	2010-106T20:38:00	2010-04-16	000T03:00:00	2010-106T23:38:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5		Albiorix	290	284	136	14.7	
ISS_130OT_OUTERSATS001_PRIME	M, U	2010-108T02:53:00	2010-04-18	000T03:00:00	2010-108T05:53:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5		Bebhionn	/	/	13	14.4	**No data in IMDB and PDS** (49 images missing; C70 station had a software p
ISS_130OT_BEBHIONN126_PRIME	M, U	2010-126T09:57:00	2010-05-06	000T11:15:00	2010-126T21:12:00	UVIS_FUV to Rocks	NEG_X to Sun	TelMode S_N_ER_5		Bebhionn	292	283	19	14.6	Seventh long-duration non-Phoebe request of an irregular moon (10:49 h t
New naming scheme from now on (after decision on 07 June 2010 at PSG #51 in München on a new irregular moon campaign in the CSM). The number at the request-name end indicates the approximate phase angle.															TelMode S&ER3 used from now on for all remaining observations
Sequence S61, length = 35 days		2010-176T21:10:00		034T21:41:00	2010-211T18:51:00										
ISS_135OT_KIVPHA075_PRIME	M, U	2010-196T17:33:00	2010-07-15	000T04:00:00	2010-196T21:33:00	UVIS_FUV to Rocks	NEG_X to 54.9/5.217			Kiviuq	244	289	75	12.9	
Sequence S62, length = 37 days		2010-211T18:51:00		037T11:42:00	2010-249T06:33:00										
ISS_135OT_ALBSUP051_PRIME	M	2010-212T09:52:00	2010-07-31	000T04:00:00	2010-212T13:52:00	UVIS_FUV to Rocks (0.0	NEG_X to Earth	Pick-up at Albiorix (tean		Albiorix	304	304	51	9.8	
ISS_136OT_KIVPHA050_PRIME	M	2010-223T02:15:00	2010-08-11	000T04:00:00	2010-223T06:15:00	UVIS_FUV to Rocks (0.0	NEG_X to Earth	Pick up at XBAND to Ear		Kiviuq	263	279	50	12.4	
ISS_136OT_ALBROT045_PRIME	M, U	2010-224T04:15:00	2010-08-12	000T16:24:00	2010-224T20:39:00	UVIS_FUV to Rocks (0.0	NEG_X to Earth			Albiorix	302	312	45	9.5	Dark frames with similar exposure settings were taken in 234_IjiPol089.
ISS_137OT_HYRROT034_PRIME	M, U	2010-238T14:33:00	2010-08-26	000T15:00:00	2010-239T05:33:00	UVIS_FUV to Rocks	NEG_Z to Earth	ISS-internal hand-off: St		Hyrrokkin	--	--	34	13.8	No object in data (bad pointing due to outdated ephemeris).
ISS_137OT_GREROT019_PRIME	M, U	2010-239T05:33:00	2010-08-27	000T15:00:00	2010-239T20:33:00	UVIS_FUV to Rocks	POS_Z to Earth	ISS-internal hand-off: Pi		Greip	--	--	6	15.3	No object in data (bad pointing due to outdated ephemeris).
ISS_137OT_KIVROT031_PRIME	M, U	2010-242T07:23:00	2010-08-30	000T22:55:00	2010-243T06:18:00	UVIS_FUV to Rocks	NEG_Z to Earth			Kiviuq	317	273	31	12.2	
Sequence S63, length = 35 days		2010-249T06:33:00		034T21:44:00	2010-284T04:17:00										
ISS_137OT_HYRPHA047_PRIME	M	2010-255T13:12:00	2010-09-12	000T04:10:00	2010-255T17:22:00	UVIS_FUV to Rocks	NEG_Z to Sun			Hyrrokkin	--	--	47	13.8	No object in data (bad pointing due to outdated ephemeris).
ISS_138OT_KIVSUP013_PRIME	M	2010-260T22:57:00	2010-09-17	000T07:10:00	2010-261T06:07:00	UVIS_FUV to Rocks	NEG_Z to Sun			Kiviuq	299	271	13	12.2	
ISS_138OT_KIVPHA004_PRIME	M, U	2010-276T22:32:00	2010-10-03	000T04:00:00	2010-277T02:32:00	UVIS_FUV to Rocks (0.0	POS_Z to NSP	ISS-internal hand-off: St		Kiviuq	258	274	4	12.3	
ISS_138OT_SIAPHA143_PRIME	M, U	2010-277T02:32:00	2010-10-04	000T04:00:00	2010-277T06:32:00	UVIS_FUV to Rocks	POS_Z to NSP	ISS-internal hand-offs: F		Siarnaq	285	289	143	14.5	
ISS_138OT_HYRRES076_PRIME	M, U	2010-277T06:32:00	2010-10-04	000T05:00:00	2010-277T11:32:00	UVIS_FUV to Rocks	POS_Z to NSP	Pick-up at Siarnaq (ISS-i		Hyrrokkin	--	--	76	14.1	No object in data (bad pointing due to outdated ephemeris).
ISS_139OT_KIVPHA008_PRIME	M, U	2010-281T13:15:00	2010-10-08	000T04:00:00	2010-281T17:15:00	UVIS_FUV to Rocks	NEG_Z to 68.1/84.3			Kiviuq	317	296	8	12.2	
Solstice Mission start															
Sequence S64, length = 45 days		2010-284T04:17:00		044T15:18:00	2010-328T19:35:00										
ISS_139OT_HYRPHA094_PRIME		2010-296T12:33:00	2010-10-23	000T04:30:00	2010-296T17:03:00	UVIS_FUV to Rocks (0.0	NEG_Z to Earth			Hyrrokkin	--	--	94	14.9	No object in data (bad pointing due to outdated ephemeris).
ISS_140OT_KARROT055_PRIME	U	2010-302T17:48:00	2010-10-29	000T16:20:00	2010-303T10:08:00	UVIS_FUV to Rocks	NEG_Z to Earth	No return to WP (team-		Kari	427	423	56	14.8	
ISS_140OT_BERROT026_PRIME	R, U	2010-303T10:08:00	2010-10-30	000T16:40:00	2010-304T02:48:00	UVIS_FUV to Rocks	NEG_Z to Earth	Pick-up at Kari (team-in		Bergelmir	85	210	26	15.9	
ISS_140OT_TARRES123_PRIME	U	2010-319T02:19:00	2010-11-15	000T07:00:00	2010-319T09:19:00	UVIS_FUV to Rocks (0.0	NEG_Z to Earth			Tarvos	/	/	123	13.4	No data because of s64 S/C safing (request was never executed).
Sequence S65, length = 54 days		2010-328T19:35:00		053T13:07:00	2011-017T08:42:00										ab=ON from s65 until s71

ISS_142OT_SIAROT071_PRIME	U	2010-356T02:38:00	2010-12-22	000T11:00:00	2010-356T13:38:00	UVIS_FUV to Rocks	NEG_Z to Earth		Siarnaq	276	305	71	11.0		
ISS_143OT_TARROT077_PRIME	U	2011-007T09:11:00	2011-01-07	000T14:34:00	2011-007T23:45:00	UVIS_FUV to Rocks	NEG_Z to Earth		Tarvos	218	251	77	13.4		
Sequence S66, length = 49 days		2011-017T08:42:00		049T04:20:00	2011-066T13:02:00									ab=ON	
ISS_144OT_IJIROT079_PRIME	U	2011-022T12:30:00	2011-01-22	000T16:58:00	2011-023T05:28:00	UVIS_FUV to Rocks	NEG_Z to Earth		Ijiraq	320	268	79	13.9		
ISS_144OT_IJISUP090_PRIME	M	2011-036T17:00:00	2011-02-05	000T04:00:00	2011-036T21:00:00	UVIS_FUV to Rocks	NEG_Z to Earth		Ijiraq	306	277	90	14.4		
ISS_145OT_SIAPHA026_PRIME	U	2011-053T07:11:00	2011-02-22	000T03:00:00	2011-053T10:11:00	UVIS_FUV to Rocks (0.0	NEG_Z to 37.6/83.7	Pick-up from ISS_NAC t	Siarnaq	309	315	26	10.8		
Sequence S67, length = 49 days		2011-066T13:02:00		049T03:01:00	2011-115T16:03:00									ab=ON	
ISS_146OT_SKAROT072_PRIME		2011-075T11:53:00	2011-03-16	000T13:55:00	2011-076T01:48:00	UVIS_FUV to Rocks	NEG_Z to Earth		Skathi	336	324	72	15.2		
ISS_146OT_SKAROT076_PRIME	M	2011-089T16:18:00	2011-03-30	000T15:00:00	2011-090T07:18:00	UVIS_FUV to Rocks	NEG_Z to Earth		Skathi	332	328	76	15.1		
Sequence S68, length = 69 days		2011-115T16:03:00		068T19:07:00	2011-184T11:10:00									ab=ON	
ISS_148OT_SUTROT012_PRIME	U	2011-133T10:00:00	2011-05-13	000T14:00:00	2011-134T00:00:00	UVIS_FUV to Rocks	NEG_X to 37.5/83.7		Suttungr	285	290	12	15.4		
ISS_148OT_4S12ROT028_PRIME	U	2011-134T16:00:00	2011-05-14	001T04:00:00	2011-135T20:00:00	UVIS_FUV to Rocks	NEG_X to 37.5/83.7		S/2004 S12	--	--	28	16.2	WACs saturated (straylight -- too close to Saturn). NACs show no object (in	
Sequence S69, length = 66 days		2011-184T11:10:00		065T13:38:00	2011-250T00:48:00									ab=ON	
ISS_151OT_TAQROT043_PRIME	M	2011-223T14:00:00	2011-08-11	000T14:10:00	2011-224T04:10:00	UVIS_FUV to Rocks	NEG_Z to 37.5/83.7		Tarqeq	265	294	44	15.8		
Sequence S70, length = 70 days		2011-250T00:48:00		070T02:14:00	2011-320T03:02:00									ab=ON	
ISS_153OT_PAAROT107_PRIME	M, U	2011-251T00:48:00	2011-09-08	000T21:00:00	2011-251T21:48:00	UVIS_FUV to Rocks	NEG_Z to Earth		Paaliaq	277	290	107	13.4		
ISS_154OT_SKOROT079_PRIME	U	2011-270T16:02:00	2011-09-27	000T15:00:00	2011-271T07:02:00	UVIS_FUV to Rocks	NEG_Z to Earth		Skoll	--	--	79	15.3	Object not found, likely mispointed (insufficient ephemeris at this time)	
ISS_155OT_LOGROT010_PRIME		2011-294T04:31:00	2011-10-21	000T14:45:00	2011-294T19:16:00	UVIS_FUV to Rocks	NEG_X to 39.0/83.7		Loge	343	306	10	16.6	On-board data compression artefacts (every 2nd line is truncated) make th	
Sequence S71, length = 70 days		2011-320T03:02:00		069T19:53:00	2012-024T22:55:00									last sequence with ab=ON	
ISS_157OT_SUTPHA072_PRIME	M	2011-325T02:33:00	2011-11-21	000T08:00:00	2011-325T10:33:00	UVIS_FUV to Rocks	NEG_Z to Earth		Suttungr	288	289	72	16.0		
ISS_157OT_THRROT015_PRIME	I, M, V	2011-330T10:20:00	2011-11-26	000T14:40:00	2011-331T01:00:00	UVIS_FUV to Rocks	NEG_X to 39.4/83.7		Thrymr	262	299	15	15.2		
ISS_158OT_SUTROT083_PRIME		2011-357T00:51:00	2011-12-23	000T15:00:00	2011-357T15:51:00	UVIS_FUV to Rocks	NEG_Z to Earth		Suttungr	/	/	83	16.2	No data -- lost due to USO anomaly	
ISS_159OT_YMIPHA002_PRIME	I, U	2012-006T00:48:00	2012-01-06	000T08:00:00	2012-006T08:48:00	UVIS_FUV to Rocks	NEG_X to 45.4/82.1	No Preference to secon	Ymir	266	301	2	13.2		
ISS_160OT_SIAPOL089_PRIME	I, U	2012-023T23:45:00	2012-01-23	000T12:40:00	2012-024T12:25:00	UVIS_FUV to Rocks (0.0	NEG_Z to Earth		Siarnaq	--	--	89	13.5	No object in data (bad pointing due to planning error)	
Sequence S72, length = 73 days		2012-024T22:55:00		072T12:52:00	2012-097T11:47:00									ab=OFF from here on (until end-of-mission)	
ISS_162OT_THRROT071_PRIME	M	2012-062T15:45:00	2012-03-02	000T18:00:00	2012-063T09:45:00	UVIS_FUV to Rocks	NEG_Z to Earth		Thrymr	264	290	71	14.9		
ISS_162OT_JARROT033_PRIME	V	2012-068T20:41:00	2012-03-08	000T09:35:00	2012-069T06:16:00	UVIS_FUV to Rocks	POS_X to 216.5/-83.7	No Preference to secon	Jarnsaxa	--	--	33	16.2	Object not found; too dark or (more likely) mis-pointed due to insufficient	
ISS_162OT_MUNROT036_PRIME	V	2012-069T06:16:00	2012-03-09	000T09:35:00	2012-069T15:51:00	UVIS_FUV to Rocks	POS_X to 216.5/-83.7	No Preference to secon	Mundilfari	264	288	36	15.3		
ISS_163OT_THRPHA105_PRIME		2012-094T15:52:00	2012-04-03	000T09:40:00	2012-095T01:32:00	UVIS_FUV to Rocks	NEG_Z to Earth	NEG_Z must point withi	Thrymr	244	288	105	16.1		
Sequence S73, length = 73 days		2012-097T11:47:00		073T11:11:00	2012-170T22:58:00										
ISS_165OT_ERRRES116_PRIME	M	2012-115T10:33:00	2012-04-24	000T14:59:00	2012-116T01:32:00	UVIS_FUV to Rocks	NEG_Z to Earth		Erriapus	381	370	116	14.6		
ISS_165OT_YMIROTA065_PRIME		2012-122T10:02:00	2012-05-01	000T09:45:00	2012-122T19:47:00	UVIS_FUV to Rocks	NEG_Z to Earth		Ymir	266	299	65	13.4		
ISS_165OT_YMIROTB065_PRIME		2012-124T14:17:00	2012-05-03	000T09:00:00	2012-124T23:17:00	UVIS_FUV to Rocks	NEG_Z to Earth	RA/Dec approx. 148/+2	Ymir	258	294	63	13.6		
ISS_166OT_ERRPHA090_PRIME	M	2012-132T10:47:00	2012-05-11	000T08:00:00	2012-132T18:47:00	UVIS_FUV to Rocks	NEG_Z to Earth		Erriapus	357	340	90	14.0		
ISS_167OT_YMIROT077_PRIME		2012-150T11:50:00	2012-05-29	000T11:10:00	2012-150T23:00:00	UVIS_FUV to Rocks	NEG_Z to Earth		Ymir	253	297	77	13.7		
Sequence S74, length = 67 days		2012-170T22:58:00		067T03:21:00	2012-238T02:19:00										
ISS_168OT_YMIROT095_PRIME	M, U	2012-174T06:40:00	2012-06-22	001T13:02:00	2012-175T19:42:00	UVIS_FUV to Rocks	NEG_Z to Earth		Ymir	253	297	95	14.2		
ISS_169OT_YMIPHA102_PRIME	M, U	2012-193T16:40:00	2012-07-11	000T08:00:00	2012-194T00:40:00	UVIS_FUV to Rocks (0.0	NEG_Z to Earth		Ymir	242	296	102	14.5		
Sequence S75, length = 69 days		2012-238T02:19:00		069T12:11:00	2012-307T14:30:00										
ISS_171OT_BESROTA056_PRIME	I, U, V	2012-251T09:43:00	2012-09-07	000T10:40:00	2012-251T20:23:00	UVIS_FUV to Rocks	NEG_Z to 132.1/58.6	Must point at Bestla	Bestla	304	324	55	14.8		
ISS_171OT_BESROTB056_PRIME	I, U, V	2012-252T09:13:00	2012-09-08	000T11:10:00	2012-252T20:23:00	UVIS_FUV to Rocks	NEG_Z to 132.1/58.6	Must point at Bestla	Bestla	297	324	55	14.9		
ISS_171OT_BESROTC056_PRIME		2012-253T07:33:00	2012-09-09	000T13:15:00	2012-253T20:48:00	UVIS_FUV to Rocks	NEG_Z to 132.1/58.6	Must point at Bestla	Bestla	301	323	56	14.9		
ISS_172OT_BESROTD042_PRIME	I, V	2012-275T06:56:00	2012-10-01	000T05:06:00	2012-275T12:02:00	UVIS_FUV to Rocks (0.0	POS_X to 134.0/51.8	Must point at Bestla	Bestla	248	334	42	14.5		
Sequence S76, length = 72 days		2012-307T14:30:00		072T03:21:00	2013-013T17:51:00										
ISS_176OT_KIVPOL111_PRIME	I, M, U, V	2012-339T02:50:00	2012-12-04	000T10:25:00	2012-339T13:15:00	UVIS_FUV to Rocks	NEG_X to 54.2/-11.7	Jettison Activity: Delete	Kiviuq	264	290	111	14.3	Note on SPASS comment: A "jettison activity" was subject to get rejected d	
ISS_177OT_SURROT015_PRIME		2012-357T12:14:00	2012-12-22	000T06:31:00	2012-357T18:45:00	UVIS_FUV to Rocks	POS_Z to Sun		Surtur	--	--	15	16.1	Object not found; probably insufficient ephemeris	
ISS_177OT_SURROT012_PRIME	I, M, V	2012-359T12:10:00	2012-12-24	000T14:20:00	2012-360T02:30:00	UVIS_FUV to Rocks	POS_X to 136.6/38.0		Surtur	--	--	12	16.3	Object not found; probably insufficient ephemeris	
Sequence S77, length = 72 days		2013-013T17:51:00		071T19:24:00	2013-085T13:15:00										
ISS_180OT_ERRROT034_PRIME	I, M, V	2013-034T23:20:00	2013-02-03	000T20:40:00	2013-035T20:00:00	UVIS_FUV to Rocks (0.0	POS_X to 136.4/38.0	Must point within 15 de	Erriapus	281	317	34	15.7		
ISS_182OT_HATROTA015_PRIME	U	2013-059T21:28:00	2013-02-28	000T06:00:00	2013-060T03:28:00	UVIS_FUV to Rocks	POS_X to 136.9/33.9	No return to waypoint (	Hati	200	455	15	15.9	1x2 mosaics due to object-ephemeris uncertainties; Hati is in 2nd ftprt nea	
ISS_182OT_ERRSUP035_PRIME	U	2013-060T03:28:00	2013-03-01	000T08:00:00	2013-060T11:28:00	UVIS_FUV to Rocks	POS_X to 136.9/33.9	Pick-up at Hati; no retur	Erriapus	271	316	34	15.7		
ISS_182OT_HATROTB015_PRIME	U	2013-060T11:28:00	2013-03-01	000T11:00:00	2013-060T22:28:00	UVIS_FUV to Rocks	POS_X to 136.9/33.9	Pick-up at Erriapus (tea	Hati	198	453	15	15.9	1x2 mosaics due to object-ephemeris uncertainties; Hati is in 2nd ftprt nea	
ISS_183OT_HYRROT067_PRIME	R, U	2013-067T14:29:00	2013-03-08	000T16:37:00	2013-068T07:06:00	UVIS_FUV to Rocks (0.0	NEG_Z to Earth		Hyrrokkin	331	253	67	14.4		
ISS_183OT_HYRSUP069_PRIME	U, V	2013-068T10:10:00	2013-03-09	000T04:35:00	2013-068T14:45:00	UVIS_FUV to Rocks (0.0	NEG_Z to Earth	Pick up at XBAND to Ear	Hyrrokkin	344	260	69	14.6		
Sequence S78, length = 72 days		2013-085T13:15:00		072T11:30:00	2013-158T00:45:00										
ISS_184OT_HYRSUP078_PRIME	M, U	2013-085T13:21:00	2013-03-26	000T04:29:00	2013-085T17:50:00	UVIS_FUV to Rocks	NEG_Z to 45.92/11.13	No return to WP (team-	Hyrrokkin	375	254	78	14.7		
ISS_184OT_NARROT080_PRIME	M, U	2013-085T17:50:00	2013-03-26	000T19:00:00	2013-086T12:50:00	UVIS_FUV to Rocks	NEG_Z to Earth	Pick-up at Hyrrokkin (te	Narvi	252	267	80	16.1		
ISS_185OT_HYRROT082_PRIME	R	2013-087T13:16:00	2013-03-28	000T13:30:00	2013-088T02:46:00	UVIS_FUV to Rocks	NEG_Z to Earth		Hyrrokkin	371	255	82	14.8		
ISS_186OT_SIAPOL121_PRIME	I, M, U, V	2013-106T12:41:00	2013-04-16	000T17:41:00	2013-107T06:22:00	UVIS_FUV to Rocks	NEG_X to 19.75/-14.7		Siarnaq	281	302	121	12.9		
ISS_187OT_TARROT079_PRIME	U	2013-115T11:17:00	2013-04-25	001T13:15:00	2013-117T00:32:00	UVIS_FUV to Rocks	NEG_Z to Earth		Tarvos	321	260	79	12.8		
ISS_191OT_SIAROT084_PRIME	M, U	2013-146T09:10:00	2013-05-26	000T14:51:00	2013-147T00:01:00	UVIS_FUV to Rocks	NEG_Z to Earth		Siarnaq	267	294	84	11.6		

Sequence S79, length = 68 days		2013-158T00:45:00		068T09:06:00	2013-226T09:51:00									
ISS_192OT_ALBPOLA103_PRIME	U, V	2013-163T01:00:00	2013-06-12	000T02:00:00	2013-163T03:00:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Albiorix**	274	290	105	14.1	
ISS_192OT_ALBPOLB103_PRIME	U	2013-163T08:35:00	2013-06-12	000T06:39:00	2013-163T15:14:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Albiorix**	269	290	105	14.1	
ISS_192OT_ALBPOLC103_PRIME	U	2013-165T19:34:00	2013-06-14	000T07:55:00	2013-166T03:29:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Albiorix**	284	294	101	13.9	
ISS_193OT_IJISUP044_PRIME	M, U	2013-180T10:41:00	2013-06-29	000T09:01:00	2013-180T19:42:00	UVIS_FUV to Rocks	NEG_Z to NSP	Jettison Activity. Will be	**Ijiraq**	265	156	44	12.9	
ISS_193OT_IJIROT047_PRIME	M, U	2013-181T06:42:00	2013-06-30	000T19:45:00	2013-182T02:27:00	UVIS_FUV to Rocks	NEG_Z to NSP	Jettison Activity. Will be	**Ijiraq**	255	160	47	13.0	Ijiraq behind Enceladus orbit/E ring around 181T06:00. Some WACs satura
ISS_195OT_PAAROT102_PRIME	U	2013-212T10:53:00	2013-07-31	001T13:15:00	2013-214T00:08:00	UVIS_FUV to Rocks	NEG_Z to NSP		**Paaliaq**	285	295	102	13.1	
Sequence S80, length = 70 days		2013-226T09:51:00		069T13:24:00	2013-295T23:15:00									
ISS_197OT_KIVPOL086_PRIME	M, U	2013-242T10:19:00	2013-08-30	000T21:45:00	2013-243T08:04:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Kiviuq**	*557*	*539*	86	13.8	
ISS_197OT_TARPOL101_PRIME	M, U	2013-248T05:25:00	2013-09-05	000T16:38:00	2013-248T22:03:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Tarvos**	231	267	101	14.5	
ISS_197OT_TARPOL093_PRIME	M, U	2013-259T09:17:00	2013-09-16	000T13:30:00	2013-259T22:47:00	UVIS_FUV to Rocks (0.0	NEG_Z to Earth		**Tarvos**	239	274	92	14.5	
ISS_197RI_PHOEBEHOL001_PRIME	C, M	2013-269T01:01:00	2013-09-26	000T19:45:00	2013-269T20:46:00	ISS_NAC to 223.0/-13.7	NEG_X to Sun	Jettison Activity. Will de	**Siarnaq**	114	437	4	10.9	Phoebe ring observation, inertial pointing. Moving Siarnaq is trapped in ma
Sequence S81, length = 66 days		2013-295T23:15:00		066T02:32:00	2013-362T01:47:00									
ISS_199OT_SKOROT040_PRIME	M	2013-313T05:05:00	2013-11-09	001T12:55:00	2013-314T18:00:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jetisson day	**Skoll**	275	314	42	15.5	151 of the originally recorded images were lost due to rain in Canberra, 17
ISS_200OT_TARPOL069_PRIME	M, U	2013-354T20:02:00	2013-12-20	000T12:15:00	2013-355T08:17:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Tarvos**	251	278	69	14.5	Only 9:21 h of object tracking because of an SRU violation issue detected d
ISS_200OT_SKAROT077_PRIME	U	2013-355T08:17:00	2013-12-21	001T01:00:00	2013-356T09:17:00	UVIS_FUV to Rocks (0.0	NEG_Z to Earth		**Skathi**	260	299	77	16.4	
Sequence S82, length = 76 days		2013-362T01:47:00		075T19:25:00	2014-072T21:12:00									
ISS_200OT_SIAPOL030_PRIME	M	2013-364T03:18:00	2013-12-30	000T13:30:00	2013-364T16:48:00	UVIS_FUV to Rocks	POS_X to NTP	Jettison Activity. Will be	**Siarnaq**	277	294	30	12.1	
ISS_200OT_TAQROT027_PRIME	M, U	2014-015T00:49:00	2014-01-15	001T13:25:00	2014-016T14:14:00	UVIS_FUV to Rocks	XBAND to Earth	Jettison Activity. Will be	**Tarqeq**	246	290	27	15.0	S/C communication during downlink included uplink of s6478a.scmf RTC fo
ISS_202OT_KIVRES125_PRIME		2014-055T11:25:00	2014-02-24	001T10:45:00	2014-056T22:10:00	UVIS_FUV to Rocks	NEG_X to 39.8/-11.5	Jettison Activity. Will be	**Kiviuq**	*504*	*565*	125	14.5	
Sequence S83, length = 72 days		2014-072T21:12:00		071T12:49:00	2014-144T10:01:00									
ISS_202OT_FORROT030_PRIME		2014-072T22:48:00	2014-03-13	001T11:44:00	2014-074T10:32:00	ISS_NAC to Rocks	NEG_Z to NEP	Jettison activity	**Fornjot**	242	224	30	16.5	1x3 mosaics due to object-ephemeris uncertainties; object is in middle fra
ISS_203OT_FORROT017_PRIME	R	2014-104T14:25:00	2014-04-14	001T11:50:00	2014-106T02:15:00	ISS_NAC to Rocks (0.0,-!	NEG_Z to Earth	Jettison Activity. Will be	**Fornjot**	263	257	17	16.4	1x3 mosaic due to object-ephemeris uncertainties; object is in middle fram
ISS_203OT_KIVPOL088_PRIME	U	2014-109T03:40:00	2014-04-19	000T22:20:00	2014-110T02:00:00	UVIS_FUV to Rocks	NEG_Z to Earth	Add breaks every 4h20r	**Kiviuq**	*450*	*576*	88	13.6	SRU issue (4 observation interrupts were included); Kiviuq position shifts a
Sequence S84, length = 68 days		2014-144T10:01:00		067T19:08:00	2014-212T05:09:00									
ISS_205OT_ERRPOLA084_PRIME	U	2014-163T15:00:00	2014-06-12	000T13:30:00	2014-164T04:30:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Erriapus**	207	339	85	15.1	
ISS_205OT_ERRPOLB089_PRIME	U	2014-165T15:00:00	2014-06-14	000T14:44:00	2014-166T05:44:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Erriapus**	198	338	89	15.3	
ISS_206OT_KIVCOL046_PRIME		2014-188T13:12:00	2014-07-07	001T00:00:00	2014-189T13:12:00	UVIS_FUV to Rocks	NEG_X to 132.2/44.0	Must point within 15 de	**Kiviuq**	278	265	46	13.4	
ISS_206OT_IJISUP099_PRIME		2014-207T05:37:00	2014-07-26	000T13:18:00	2014-207T18:55:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Ijiraq**	208	233	99	14.9	
ISS_206OT_IJIPOL095_PRIME		2014-209T04:45:00	2014-07-28	000T14:10:00	2014-209T18:55:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Ijiraq**	200	234	95	14.8	
Sequence S85, length = 67 days		2014-212T05:09:00		066T19:52:00	2014-279T01:01:00									
ISS_207OT_TARPOL038_PRIME	I, M, V	2014-225T22:20:00	2014-08-13	000T13:00:00	2014-226T11:20:00	UVIS_FUV to Rocks	NEG_Z to 132.3/42.5		**Tarvos**	285	286	38	14.8	
ISS_207OT_THRROT024_PRIME		2014-242T03:20:00	2014-08-30	001T13:15:00	2014-243T16:35:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jettison activity	**Thrymr**	276	289	24	15.7	
ISS_208OT_KIVPOL047_PRIME	U	2014-251T09:59:00	2014-09-08	001T00:00:00	2014-252T09:59:00	UVIS_FUV to Rocks	POS_Z to 194.854/33.333		**Kiviuq**	248	276	47	13.5	
ISS_208OT_IJIRES040_PRIME	U, V	2014-271T00:02:00	2014-09-28	000T15:00:00	2014-271T15:02:00	UVIS_FUV to Rocks (-0.(	NEG_Z to 77.0/62.0	Violates 2 of 3 rule: JET	**Ijiraq**	*187*	*119*	40	11.8	Clear-filter images are full-resolution. The NAC just trapped Ijiraq, but the I
Sequence S86, length = 72 days		2014-279T01:01:00		072T02:14:00	2014-351T03:15:00									
ISS_209OT_KIVPOL069_PRIME	M, U	2014-306T23:29:00	2014-11-02	001T00:31:00	2014-308T00:00:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jettison Activity. Will be	**Kiviuq**	286	275	69	13.7	1st half of data lost (Stereo-B got the DSN antenna due to a S/C emergency
ISS_210OT_ALBPOL077_PRIME	U	2014-328T04:29:00	2014-11-24	000T13:30:00	2014-328T17:59:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Albiorix**	275	298	77	11.4	
ISS_210OT_ALBPOL073_PRIME	M, U	2014-330T07:19:00	2014-11-26	000T04:25:00	2014-330T11:44:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Albiorix**	275	298	73	11.3	
ISS_210OT_LOGROT022_PRIME	M	2014-349T03:15:00	2014-12-15	001T15:00:00	2014-350T18:15:00	UVIS_FUV to Rocks	NEG_Z to 125.7/61.5	Must point within 15 de	**Loge**	--	--	22	16.1	Loge not found in data, very probably due to mis-pointing (an outdated ke
Sequence S87, length = 67 days		2014-351T03:15:00		066T13:37:00	2015-052T16:52:00									
ISS_210OT_THRPOL064_PRIME	M	2014-356T20:30:00	2014-12-22	001T13:30:00	4-358T10:00:00 (24 D	UVIS_FUV to Rocks	NEG_X to 81.898/19.31	Jettison Activity. Will be	**Thrymr**	282	314	64	15.3	
ISS_211OT_ERRPOL073_PRIME	M	2014-358T20:30:00	2014-12-24	000T19:45:00	4-359T16:15:00 (25 D	UVIS_FUV to Rocks	NEG_X to 250.0/71.0		**Erriapus**	271	292	74	15.2	
ISS_211PH_PHOCOL029_PRIME	I, U, V	2015-007T02:20:00	2015-01-07	000T10:55:00	2015-007T13:15:00	UVIS_FUV to Phoebe (-(	NEG_X to 98.93/20.555		**Phoebe**	135	290	30	6.8	Color dark frames were taken in request 233_IjiPol065.
ISS_211OT_ALBCOL005_PRIME	R, U, V	2015-017T19:03:00	2015-01-17	001T13:45:00	2015-019T08:48:00	UVIS_FUV to Rocks (-0.(	NEG_Z to NEP	Jettison Activity. Will be	**Albiorix**	159	278	5	10.0	Albiorix is mostly overexposed due to planning error (wrong gain state use
ISS_212OT_SIAPOL104_PRIME	M	2015-026T19:04:00	2015-01-26	000T13:00:00	2015-027T08:04:00	UVIS_FUV to Rocks	POS_X to 318.0/23.0		**Siarnaq**	281	289	104	13.8	ACE log note: VIP PROVIDED CONGRESSMEN J. CULBERSON A BRIEF SUMM
ISS_212OT_SIAPOL103_PRIME		2015-034T18:05:00	2015-02-03	000T08:15:00	5-035T02:20:00 (04 F	UVIS_FUV to Rocks	POS_X to 318.0/23.0		**Siarnaq**	281	289	103	13.6	
Sequence S88, length = 69 days		2015-052T16:52:00		069T01:53:00	2015-121T18:45:00									
ISS_212OT_LOGROT012_PRIME		2015-052T18:28:00	2015-02-21	001T12:09:00	2015-054T06:37:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jettison observation	**Loge**	305	302	12	16.2	
ISS_214OT_PAAPOL081_PRIME	C, M, V	2015-092T06:27:00	2015-04-02	001T14:16:00	2015-093T20:43:00	UVIS_FUV to Rocks	NEG_Z to Sun		**Paaliaq**	289	271	81	12.3	
ISS_214OT_PAASUPA058_PRIME	V	2015-100T20:13:00	2015-04-10	000T08:27:00	2015-101T04:40:00	UVIS_FUV to Rocks	NEG_Z to Sun		**Paaliaq**	294	263	58	11.3	
ISS_214OT_PAASUPB058_PRIME	U, V	2015-102T03:05:00	2015-04-12	000T06:18:00	2015-102T09:23:00	UVIS_FUV to Rocks	NEG_X to 33.0/84.3		**Paaliaq**	310	255	57	11.0	Includes M104 (Sombrero galaxy) imaging.
ISS_214OT_PAAPOL072_PRIME	M	2015-113T12:59:00	2015-04-23	000T19:45:00	2015-114T08:44:00	UVIS_FUV to Rocks	NEG_Z to Sun	ISS-team internal handc	**Paaliaq**	281	263	72	11.5	
ISS_214OT_BEBROT079_PRIME	M	2015-114T08:44:00	2015-04-24	001T00:00:00	2015-115T08:44:00	UVIS_FUV to Rocks	NEG_Z to Earth	ISS-team internal handc	**Bebhionn**	250	298	79	15.5	
Sequence S89, length = 73 days		2015-121T18:45:00		072T18:57:00	2015-194T13:42:00									
CIRS_215DI_DIONE001_PIE	I, U, V	2015-129T16:45:00	2015-05-09	000T01:30:00	2015-129T18:15:00	CIRS_FP1 to Dione	NEG_X to 335.83/-14.8	Collaborative Rider(s): I	**[Calibration]**	--	--	--	--	Twenty 0 ms exposures for irregular moon data calibration.
ISS_215OT_KIVOCC136_PRIME	V	2015-130T22:25:00	2015-05-10	000T10:30:00	2015-131T08:55:00	UVIS_FUV to Rocks (0.0	NEG_Z to Earth		**Kiviuq**	262	272	136	15.6	
ISS_215OT_PAAPOL063_PRIME	M	2015-138T18:10:00	2015-05-18	001T00:00:00	2015-139T18:10:00	UVIS_FUV to Rocks (-0.(	NEG_Z to Sun		**Paaliaq**	143	277	63	11.2	
ISS_217OT_HYRCOL020_PRIME	M	2015-161T16:00:00	2015-06-10	000T13:30:00	2015-162T05:30:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jettison Activity. Will be	**Hyrrokkin**	252	266	20	14.8	
ISS_217OT_TARPHA001_PRIME	U, V	2015-166T16:10:00	2015-06-15	000T04:30:00	2015-166T20:40:00	UVIS_FUV to Rocks	NEG_X to NSP	Pick up at ISS_NAC to Sa	**Tarvos**	265	304	1	13.8	
ISS_217OT_TARPHA002_PRIME	M, U, V	2015-166T22:40:00	2015-06-15	000T05:00:00	2015-167T03:40:00	UVIS_FUV to Rocks	NEG_X to NSP	Pick up at ISS_NAC to Rl	**Tarvos**	265	304	2	13.8	
ISS_217OT_TARPHA003_PRIME	E, U, V	2015-167T06:40:00	2015-06-16	000T03:04:00	2015-167T09:44:00	UVIS_FUV to Rocks	NEG_X to NSP	Pick up at ISS_NAC to R	**Tarvos**	265	304	3	13.8	S/C on thrusters (for a YBIAS) from 09:03:40 to 09:30:22 UTC; this RBOT ac
ISS_217OT_ALBROTA070_PRIME	U, V	2015-168T02:40:00	2015-06-17	000T03:50:00	2015-168T06:30:00	UVIS_FUV to Rocks (-0.(	NEG_Z to Earth		**Albiorix**	174	289	70	12.9	

ISS_217OT_ALBROTB071_PRIME	U, V	2015-168T18:30:00	2015-06-17	000T05:29:00	2015-168T23:59:00	UVIS_FUV to Rocks (-0.(	NEG_Z to Earth		Albiorix	174	289	71	12.9	
ISS_218OT_KIVOCC108_PRIME		2015-180T14:44:00	2015-06-29	001T07:00:00	2015-181T21:44:00	UVIS_FUV to Rocks	NEG_Z to Sun		Kiviuq	290	258	108	14.4	
ISS_218OT_KIVOCC105_PRIME		2015-182T08:14:00	2015-07-01	000T19:45:00	2015-183T03:59:00	UVIS_FUV to Rocks	NEG_Z to Sun		Kiviuq	290	258	105	14.2	
ISS_218OT_KIVOCC103_PRIME		2015-183T14:29:00	2015-07-02	000T13:14:00	2015-184T03:43:00	UVIS_FUV to Rocks	NEG_Z to Sun		Kiviuq	290	258	103	14.2	
ISS_218OT_YMICOL029_PRIME	M, U	2015-192T13:43:00	2015-07-11	000T13:29:00	2015-193T03:12:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jettison Activity. Will b	Ymir	250	303	29	14.1	
Sequence S90, length = 70 days		2015-194T13:42:00		069T13:06:00	2015-264T02:48:00									
ISS_218OT_BESPOL075_PRIME	M	2015-197T00:42:00	2015-07-16	000T20:00:00	2015-197T20:42:00	UVIS_FUV to Rocks	NEG_Z to Earth		Bestla	233	312	75	15.5	
ISS_219OT_HYRPOL063_PRIME	M	2015-218T05:39:00	2015-08-06	000T19:45:00	2015-219T01:24:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jettison Activity. Will b	Hyrrokkin	306	265	63	15.0	
ISS_220OT_BESPOLA058_PRIME	V	2015-230T06:04:00	2015-08-18	000T00:56:00	2015-230T07:00:00	UVIS_FUV to Rocks	NEG_Z to 37.6/83.6		Bestla	295	346	58	15.0	Straylight from Saturn and rings affect early parts of the data.
ISS_220OT_BESPOLB058_PRIME	M, V	2015-230T09:00:00	2015-08-18	000T05:43:00	2015-230T14:43:00	UVIS_FUV to Rocks	NEG_Z to 37.6/83.6		Bestla	295	346	58	15.0	
ISS_220OT_HATPOL073_PRIME	M	2015-238T05:52:00	2015-08-26	000T06:15:00	2015-238T12:07:00	UVIS_FUV to Rocks	NEG_Z to Earth		Hati	268	277	73	15.7	
ISS_221DI_REGMAP001_PIE	C, E, U, V	2015-251T10:30:00	2015-09-08	000T04:30:00	2015-251T15:00:00	ISS_NAC to Dione	NEG_X to 29.6/83.1		Bestla	301	235	40	14.4	Strange luck that Dione occulted Bestla during a 20-min interrupt of a Dion
ISS_221OT_GREROT027_PRIME	V	2015-252T18:00:00	2015-09-09	000T19:55:00	2015-253T13:55:00	ISS_NAC to Rocks	NEG_X to Earth		Greip	260	327	27	15.4	1x2 mosaics due to object-ephemeris uncertainties; Greip is in 2nd footpri
ISS_221OT_BERROT016_PRIME	M	2015-256T03:04:00	2015-09-13	001T13:45:00	2015-257T16:49:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jettison Activity. Will be	Bergelmir	285	292	16	16.2	Bright star is σ Librae (3.3 mag).
Sequence S91, length = 65 days		2015-264T02:48:00		065T03:20:00	2015-329T06:08:00									
ISS_222OT_BESCOL030_PRIME	U	2015-265T02:33:00	2015-09-22	000T13:45:00	2015-265T16:18:00	UVIS_FUV to Rocks (-0.(	NEG_X to NEP	Target is Bestla (near R/	Bestla	306	267	30	13.5	
ISS_223OT_HATPOLA027_PRIME	M	2015-286T17:46:00	2015-10-13	000T07:24:00	2015-287T01:10:00	UVIS_FUV to Rocks	NEG_X to NEP		Hati	283	299	27	15.5	
ISS_223OT_HATPOLB028_PRIME	V	2015-288T16:10:00	2015-10-15	000T04:51:00	2015-288T21:01:00	UVIS_FUV to Rocks	NEG_Z to Sun		Hati	/	/	28	15.4	No data recorded because preceeding request ISS_223EN_PLUJTL002 used
ISS_224OT_SKAPOLA073_PRIME		2015-298T07:00:00	2015-10-25	000T14:45:00	2015-298T21:45:00	UVIS_FUV to Rocks	NEG_Z to Earth	Target is Skathi (near R/	Skathi	216	295	73	16.0	
ISS_224OT_SKAPOLB073_PRIME		2015-299T11:00:00	2015-10-26	000T03:15:00	2015-299T14:15:00	UVIS_FUV to Rocks	NEG_Z to Earth	Target is Skathi (near R/	Skathi	239	297	72	16.0	
ISS_224OT_BESPOLA061_PRIME	M, V	2015-301T01:10:00	2015-10-28	000T05:00:00	2015-301T06:10:00	UVIS_FUV to Rocks	NEG_X to NEP		Bestla	409	340	61	14.2	
ISS_224OT_BESPOLB070_PRIME	V	2015-302T13:10:00	2015-10-29	000T08:35:00	2015-302T21:45:00	UVIS_FUV to Rocks	NEG_Z to Sun		Bestla	398	377	70	14.1	
ISS_224OT_HATPOL014_PRIME		2015-308T00:39:00	2015-11-04	000T06:40:00	2015-308T07:19:00	UVIS_FUV to Rocks	NEG_X to NEP	Jettisson activity (violat	Hati	275	296	14	15.3	
ISS_224OT_IJIPOL104_PRIME	M	2015-308T07:19:00	2015-11-04	000T14:10:00	2015-308T21:29:00	UVIS_FUV to Rocks	NEG_Z to Sun	Team-internal hand-off	Ijiraq	195	205	104	15.0	
ISS_226OT_BESPOL096_PRIME	M	2015-322T02:40:00	2015-11-18	000T16:19:00	2015-322T18:59:00	UVIS_FUV to Rocks	NEG_Z to Sun	Target is Bestla (near R/	Bestla	407	341	96	15.6	
Sequence S92, length = 74 days		2015-329T06:08:00		073T18:40:00	2016-038T00:48:00									
ISS_227OT_SIAIJIEVE067_PRIME		2015-340T05:19:00	2015-12-06	000T03:41:00	2015-340T09:00:00	ISS_NAC to 198.0/28.0	NEG_X to NSP		Siarnaq Ijiraq	*328*	*445*	67	11.4	WACs only. All but first ~6 images are overexposed due to Saturn straylight
ISS_228OT_SKASID051_PRIME	E, M	2015-348T21:29:00	2015-12-14	000T21:15:00	2015-349T18:44:00	UVIS_FUV to Rocks	NEG_X to 345.353/54.9	Must point at Skathi. Je	Skathi	299	286	51	15.7	
ISS_228OT_HATSID026_PRIME	M, V	2015-354T13:22:00	2015-12-20	000T05:22:00	2015-354T18:44:00	UVIS_FUV to Rocks	NEG_Z to Earth		Hati	288	291	27	15.8	
ISS_228OT_ERRPOL026_PRIME	M	2015-359T03:44:00	2015-12-25	001T07:00:00	2015-360T10:44:00	UVIS_FUV to Rocks	NEG_X to NEP	Violates 2 of 3 rule: JET	Erriapus	275	289	26	15.6	
ISS_230OT_NARROTA055_PRIME	M	2016-009T02:30:00	2016-01-09	000T13:30:00	2016-009T16:00:00	UVIS_FUV to Rocks	POS_X to NSP		Narvi	239	264	55	15.6	
ISS_230OT_NARROTB054_PRIME	M	2016-010T02:30:00	2016-01-10	000T13:30:00	2016-010T16:00:00	UVIS_FUV to Rocks	POS_X to NSP		Narvi	259	281	54	15.6	
ISS_230OT_NARSUP054_PRIME	M, V	2016-014T18:12:00	2016-01-14	000T02:53:00	2016-014T21:05:00	UVIS_FUV to Rocks	POS_X to 236.0/13.0		Narvi	240	305	54	15.6	
ISS_230OT_IJICOL045_PRIME	M	2016-021T01:46:00	2016-01-21	000T13:30:00	2016-021T15:16:00	UVIS_FUV to Rocks	POS_X to 193.0/-17.0	Jettison Activity. Will b	Ijiraq	177	181	45	12.5	
ISS_231OT_ALBPOL108_PRIME	M, U	2016-035T01:03:00	2016-02-04	000T15:00:00	2016-035T16:03:00	UVIS_FUV to Rocks	NEG_Z to 75.0/40.0		Albiorix	287	288	108	14.3	
Sequence S93, length = 72 days		2016-038T00:48:00		071T17:55:00	2016-109T18:43:00									
ISS_232OT_SKOROT047_PRIME	M	2016-053T17:35:00	2016-02-22	001T06:46:00	2016-055T00:21:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jettison Activity: Will b	Skoll	278	305	47	16.6	
ISS_233OT_IJIPOL065_PRIME		2016-060T07:00:00	2016-02-29	001T05:51:00	2016-061T12:51:00	UVIS_FUV to Rocks	NEG_X to 320.0/45.0	JETTISON DAY: violates	Ijiraq	224	300	65	13.5	Includes dark frames for 211_PhoCol029 and 227_SialjiEve. Last quarter of
ISS_233OT_SURROT044_PRIME	M	2016-081T09:44:00	2016-03-21	001T03:00:00	2016-082T12:44:00	UVIS_FUV to Rocks	NEG_Z to Sun	Jettison Activity: Might	Surtur	--	--	44	16.0	Object not found despite 1x2 mosaic. This implies that the object-ephemer
ISS_234OT_IJIPOL089_PRIME	M	2016-108T03:20:00	2016-04-17	001T06:23:00	2016-109T09:43:00	UVIS_FUV to Rocks	NEG_Z to Sun		Ijiraq	307	278	90	14.7	Includes dark frames for request 136_AlbRot045, plus for multiple color ob
Sequence S94, length = 69 days		2016-109T18:43:00		068T21:01:00	2016-178T15:44:00									
ISS_235OT_TARPOL109_PRIME	V	2016-119T12:00:00	2016-04-28	000T13:14:00	2016-120T01:14:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jettison Activity. Will b	Tarvos	219	280	109	15.2	A few frames were lost due... to rain in Goldstone(!)
ISS_235OT_SKAPOL015_PRIME	U, V	2016-131T18:59:00	2016-05-10	001T13:05:00	2016-133T08:04:00	UVIS_FUV to Rocks	NEG_X to NEP	JETTISON DAY. Must po	Skathi	290	262	15	15.8	
ISS_236OT_ALBPOL121_PRIME	I, V	2016-146T21:10:00	2016-05-25	001T04:30:00	2016-148T01:40:00	UVIS_FUV to Rocks	NEG_Z to NSP	JETTISON observation; r	Albiorix	292	282	121	14.5	Includes calibration-support shutters for rev 236 Aegaeon request. 17% of
ISS_236OT_TAQROTA037_PRIME	M, U, V	2016-163T16:45:00	2016-06-11	000T15:00:00	2016-164T07:45:00	UVIS_FUV to Rocks	NEG_X to 109.945/68.9	Collaborative Rider(s): (	Tarqeq	282	313	37	15.5	Includes calibration-support shutters for rev 236 Aegaeon request.
ISS_236OT_TAQROTB036_PRIME	M, U, V	2016-164T16:45:00	2016-06-12	001T13:15:00	2016-166T06:00:00	UVIS_FUV to Rocks	NEG_X to 129.055/62.5	Collaborative Rider(s): (	Tarqeq	284	318	36	15.5	
ISS_236OT_TAQROTD033_PRIME	M, U, V	2016-168T16:30:00	2016-06-16	001T13:15:00	2016-170T05:45:00	UVIS_FUV to Rocks	NEG_X to 129.055/62.5	Collaborative Rider(s): (	Tarqeq	302	317	33	15.6	
Sequence S95, length = 74 days		2016-178T15:44:00		073T18:52:00	2016-252T10:36:00									
ISS_238ST_16CYGB001_PRIME	M	2016-212T01:17:00	2016-07-30	000T01:24:00	2016-212T02:41:00	UVIS_FUV to Star	NEG_Z to Sun	Z<15 deg from Earth. Z-	[Calibration]	250	291	--	6.2	Points toward solar-type star 16 Cygni B (RA/Dec = 295.467°/+50.518°). 16
ISS_239OT_TAQROT015_PRIME	M, V	2016-214T13:11:00	2016-08-01	000T14:50:00	2016-215T04:01:00	UVIS_FUV to Rocks	NEG_X to 171.0/61.0	Jettison Activity. Will b	Tarqeq	286	306	15	15.5	Includes 2 NAC and 3 WAC shutters of globular cluster Ω Centauri. Includes
ISS_240ST_HD71334_PRIME		2016-228T02:00:00	2016-08-15	000T01:09:00	2016-228T03:09:00	UVIS_FUV to Star	NEG_Z to Earth	Z<15 deg from Earth. Z-	[Calibration]	275	288	--	7.8	Points toward solar-type star HD71334 (RA/Dec = RA/Dec = 126.456°/-29.9
ISS_240OT_SKAPOL046_PRIME	E, I, V	2016-234T22:05:00	2016-08-21	000T16:00:00	2016-235T14:05:00	UVIS_FUV to Rocks	POS_Z to 192.0/42.0	Jettison Activity. Will b	Skathi	215	292	46	15.9	
ISS_240OT_ERRPOL041_PRIME	M, V	2016-236T21:08:00	2016-08-23	001T03:45:00	2016-238T00:53:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jettison Activity. Will b	Erriapus	269	288	41	15.1	Final 19 images (~6% of data) were lost due to a NAC "machine error" at 2(
Sequence S96, length = 76 days		2016-252T10:36:00		075T19:07:00	2016-328T05:43:00									
VIMS_243TI_HIRES001_PRIME	C, I, M	2016-271T03:56:59	2016-09-27	000T00:35:00	2016-271T04:31:59	VIMS_IR to Titan	NEG_X to Sun	Pick up at VIMS_IR to Ti	[Calibration]	--	--	80	--	10 NAC clr 2sum shutters of Titan's cloud deck for flatfielding.
ISS_244OT_KIVOCC113_PRIME		2016-279T08:48:00	2016-10-05	000T13:29:00	2016-279T22:17:00	UVIS_FUV to Rocks	NEG_Z to 56.0/8.0		Kiviuq	297	256	112	14.4	Strange noise and large bizarre bright spot in images. Origin unkown.
ISS_244OT_KIVOCC112_PRIME	R	2016-280T21:25:00	2016-10-06	001T00:37:00	2016-281T22:02:00	UVIS_FUV to Rocks	NEG_Z to 56.0/8.0		Kiviuq	290	256	112	14.5	Strange noise and bizarre bright spot again in the images, but spot fades w
ISS_245OT_TARPOL080_PRIME		2016-290T15:15:00	2016-10-16	000T17:16:00	2016-291T08:31:00	UVIS_FUV to Rocks	NEG_Z to 85.0/27.0		Tarvos	250	289	79	15.1	
ISS_246OT_ERRPOL061_PRIME		2016-299T08:00:00	2016-10-25	001T07:00:00	2016-300T15:00:00	UVIS_FUV to Rocks	NEG_Z to Earth		Erriapus	262	286	61	14.9	
FRPO start														
Sequence S97, length = 72 days		2016-328T05:43:00		072T01:22:00	2017-034T07:05:00									
ISS_250OT_SUTSUP047_PRIME		2016-329T05:59:00	2016-11-24	000T04:11:00	2016-329T10:10:00	UVIS_FUV to Rocks	NEG_X to Sun		Suttungr	266	265	48	15.6	
ISS_250OT_SUTSUP046_PRIME		2016-331T06:23:00	2016-11-26	000T02:20:00	2016-331T08:43:00	UVIS_FUV to Rocks	POS_Z to Earth		Suttungr	248	276	46	15.6	
ISS_250OT_SUTROT048_PRIME		2016-333T11:40:00	2016-11-28	000T08:18:00	2016-333T19:58:00	UVIS_FUV to Rocks	NEG_Z to Sun		Suttungr	299	309	49	15.6	
VIMS_250TI_HIRES001_PRIME	C, I, M	2016-334T21:44:32	2016-11-29	000T00:45:00	2016-334T22:29:32	VIMS_IR to Titan	NEG_X to 28.0/22.0	Pick up at NEG_Y to Tita	[Calibration]	--	--	70	--	10 NAC clr 2sum shutters of Titan's cloud deck for flatfielding.

ISS_251OT_ERRSUP085_PRIME	M	2016-342T04:56:00	2016-12-07	000T08:00:00	2016-342T12:56:00	UVIS_FUV to Rocks	NEG_Z to Earth	Jettison Activity. Delete	**Erriapus**	261	270	84	14.9	
ISS_254OT_ERRPOL094_PRIME		2016-359T03:58:00	2016-12-24	000T15:00:00	2016-359T18:58:00	UVIS_FUV to Rocks	NEG_Z to 81.0/25.0		**Erriapus**	257	305	94	15.0	
ISS_254OT_ERRPOL102_PRIME		2016-364T03:51:00	2016-12-29	001T00:08:00	2016-365T03:59:00	UVIS_FUV to Rocks	NEG_Z to 87.0/31.0		**Erriapus**	277	287	102	15.2	
ISS_258OT_TAQROTA048_PRIME	U, V	2017-025T20:05:00	2017-01-25	000T03:25:00	2017-025T23:30:00	UVIS_FUV to Rocks	NEG_Z to 54.0/-13.0	Team-internal handoff a	**Tarqeq**	301	306	48	15.9	
ISS_258OT_PAAPOLA112_PRIME	V	2017-026T08:30:00	2017-01-26	000T07:16:00	2017-026T15:46:00	UVIS_FUV to Rocks	NEG_Z to 54.0/-13.0	Team-internal pickup at	**Paaliaq**	320	299	112	13.5	Last 20 frames were lost due to data policing caused by preceeding Encela
ISS_258OT_TAQROTB048_PRIME	V	2017-027T02:16:00	2017-01-27	000T06:22:00	2017-027T08:38:00	UVIS_FUV to Rocks	NEG_Z to 54.0/-13.0	Team-internal handoff a	**Tarqeq**	282	291	48	15.9	
ISS_259OT_PAAPOLB111_PRIME	V	2017-027T08:38:00	2017-01-27	000T07:00:00	2017-027T15:38:00	UVIS_FUV to Rocks	NEG_Z to 54.0/-13.0	Team-internal pickup at	**Paaliaq**	255	234	111	13.4	Includes images (8 NAC, 1 WAC) of open cluster M7.
ISS_259OT_ALBPOL064_PRIME	U, V	2017-028T02:08:00	2017-01-28	000T13:30:00	2017-028T15:38:00	UVIS_FUV to Rocks (-0.(	NEG_Z to Earth		**Albiorix**	143	296	64	10.8	
ISS_259OT_PAAPOLC106_PRIME	V	2017-029T03:38:00	2017-01-29	000T08:58:00	2017-029T12:36:00	UVIS_FUV to Rocks	NEG_Z to 54.0/-13.0	Team-internal pickup at	**Paaliaq**	289	264	107	13.2	
ISS_259OT_TAQROTC048_PRIME	V	2017-029T12:36:00	2017-01-29	000T01:18:00	2017-029T13:54:00	UVIS_FUV to Rocks	NEG_Z to 54.0/-13.0	Team-internal pickup at	**Tarqeq**	277	309	48	16.0	
ISS_259OT_TAQROTD048_PRIME	V	2017-031T16:16:00	2017-01-31	000T03:00:00	2017-031T19:16:00	UVIS_FUV to Rocks	POS_X to NEP		**Tarqeq**	315	264	49	16.0	
Sequence S98, length = 70 days		2017-034T07:05:00		070T07:50:00	2017-104T14:55:00									
ISS_266OT_HYRPOL048_PRIME		2017-081T21:36:00	2017-03-22	000T14:39:00	2017-082T12:15:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Hyrrokkin**	261	282	48	16.2	
Sequence S99, length = 41 days		2017-104T14:55:00		040T18:02:00	2017-145T08:57:00									
ISS_272OT_BEBSUP069_PRIME		2017-123T08:30:00	2017-05-03	000T04:13:00	2017-123T12:43:00	UVIS_FUV to Rocks	PIC		**Bebhionn**	271	283	69	15.3	
ISS_273OT_BEBPOL065_PRIME	M	2017-131T15:00:00	2017-05-11	000T18:21:00	2017-132T09:21:00	UVIS_FUV to Rocks	POS_Z to NSP	Collaborative Rider(s): (	**Bebhionn**	262	303	65	15.2	
Sequence S100, length = 46 ...		2017-145T08:57:00		045T16:17:00	2017-191T01:14:00									
ISS_276OT_BEBPOL050_PRIME	U, V	2017-150T15:55:00	2017-05-30	000T17:27:00	2017-151T09:22:00	UVIS_FUV to Rocks	NEG_Z to Earth		**Bebhionn**	283	288	50	14.8	
ISS_280OT_BEBCOL038_PRIME	V	2017-177T02:15:00	2017-06-26	000T07:45:00	2017-177T10:00:00	UVIS_FUV to Rocks	NEG_X to 12.0/57.0		**Bebhionn**	287	300	39	14.7	
ISS_281OT_BEBSUP039_PRIME		2017-183T16:07:00	2017-07-02	000T04:28:00	2017-183T20:35:00	UVIS_FUV to Rocks	POS_X to 196.0/-54.0		**Bebhionn**	284	304	39	14.8	
ISS_282OT_BEBCOL040_PRIME		2017-189T18:58:00	2017-07-08	000T10:23:00	2017-190T05:21:00	UVIS_FUV to Rocks	NEG_X to Sun		**Bebhionn**	290	300	40	14.8	
Sequence S101, length = 67 ...		2017-191T01:14:00		067T19:22:00	2017-258T20:36:00									
ISS_285OT_KIVPOLA082_PRIME	U, V	2017-209T05:31:00	2017-07-28	000T03:28:00	2017-209T08:59:00	UVIS_FUV to Rocks	NEG_X to Saturn		**Kiviuq**	260	278	82	13.5	
ISS_285OT_KIVPOLB082_PRIME	U, V	2017-209T10:09:00	2017-07-28	000T18:10:00	2017-210T04:19:00	UVIS_FUV to Rocks	NEG_X to Saturn		**Kiviuq**	265	278	82	13.5	
ISS_287OT_KIVPOL087_PRIME		2017-220T23:11:00	2017-08-08	001T05:00:00	2017-222T04:11:00	UVIS_FUV to Rocks	NEG_Z to Sun	Accomodate MIMI poin	**Kiviuq**	304	280	88	13.7	
ISS_288OT_KIVNEPTUN092_PRIME	M, V	2017-228T20:35:00	2017-08-16	000T05:20:00	2017-229T01:55:00	UVIS_FUV to Rocks	NEG_X to 88.5/24.5	Secondary for CDA. Ret	**Kiviuq**	266	283	92	13.7	Includes 10 Neptune/Triton NAC frames at end.
ISS_289OT_THRYLU013_PRIME		2017-235T06:25:00	2017-08-23	000T12:00:00	2017-235T18:25:00	UVIS_FUV to Rocks	POS_X to 16.0/-52.0	Team internal pickup: IS	**Thrymr**	268	310	13	15.3	
ISS_291OT_THRYTANJ016_PRIME	V	2017-246T15:38:00	2017-09-03	000T13:32:00	2017-247T05:10:00	UVIS_FUV to Rocks	PIC		**Thrymr**	274	286	18	15.3	
ISS_291OT_THRYTIM020_PRIME	V	2017-247T16:10:00	2017-09-04	000T08:30:00	2017-248T00:40:00	UVIS_FUV to Rocks	PIC		**Thrymr**	297	285	19	15.2	
ISS_291OT_THRYDARI022_PRIME	V	2017-248T11:38:00	2017-09-05	000T13:25:00	2017-249T01:03:00	UVIS_FUV to Rocks	PIC		**Thrymr**	302	285	20	15.2	Very last Cassini irregular-moon observation. Last image shutter close: 201

End-of-mission

Notes : The sample/line information (with the origin at upper left) is approximate. It refers to the location of tl
An empty field only means that I have not identified the object, but that it might be there, somewhere.
A line '--' means that the object is very likely not in the field-of-view, or too dark.
A slash '/' means that there are no data from this request.
Also note that in most cases, the sample/line information refers to a 2x2 summation-mode image. If it