

INMS Target List

Sequence	FB - Target [REV]	Closest Appr/Start (MM/DD)	Closest Appr/Start (DDD)	Altitude/Distance	Prime Instrument			Pointing:		Scans	Pass Quality/Duration:			
					Ingress	Closest Approach	Egress	Primary Axis	Secondary Axis		Duration	CSN Ram Angle	OSI/OSNB ram Angle	Altitude
S05	TA - Titan [0A]	26 Oct 2004, 15:30:05	2004-300T15:30:05.000	1174 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM			EXCELLENT	EXCELLENT	EXCELLENT
S06	TB - Titan [0B]	13 Dec 2004, 11:38:13	2004-348T11:38:13.720	1192 km	ISS	UVIS	VIMS	UVIS_FUV to 201.298/-41.44	POS_X to NTP			POOR	POOR	EXCELLENT
S07	TC - Titan [0C]	14 Jan 2005, 11:06:00	2005-014T11:06:00.000	60003 km	SP	SP	SP	XBAND to Earth	NEG_X to NEP			POOR	POOR	POOR
S08	T3 - Titan [03]	15 Feb 2005, 06:57:53	2005-046T06:57:53.000	1579 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM			POOR	POOR	FAIR
S09	E1 - Enceladus [04]	09 Mar 2005, 09:06:41	2005-068T09:06:41.000	501 km	CIRS	ISS	CIRS	ISS_NAC to Enceladus	POS_X to NEP			POOR	POOR	EXCELLENT
S09	T4 - Titan [05]	31 Mar 2005, 19:55:12	2005-090T19:55:12.900	2404 km	RADAR	ISS	CIRS	ISS_NAC to Titan	NEG_X to Sun			POOR	POOR	POOR
S10	T5 - Titan [06]	16 Apr 2005, 19:11:46	2005-106T19:11:46.060	1026 km	CAPS	INMS	CAPS	NEG_X to Titan_SC_RAM	POS_Z to Sun			EXCELLENT	EXCELLENT	EXCELLENT
S12	E2 - Enceladus [11]	14 Jul 2005, 19:55:22	2005-195T19:55:22.000	172 km	ISS	UVIS	CIRS	UVIS_FUV to 81.283/6.35	NEG_X to 330.0/70.0			POOR	POOR	EXCELLENT
S13	T6 - Titan [13]	22 Aug 2005, 08:53:37	2005-234T08:53:37.520	3669 km	CIRS	CIRS	CIRS	NAC to Titan	Z perp to Titan Pole			POOR	POOR	POOR
S14	IM14 - Inner Mag [14]	05 Sep 2005, 16:31:00	2005-248T16:16:00.000	4.44 - 4.72 R(s)	RSS	INMS	CIRS	NEG_X to 320.435/42.119	CIRS_FP1 to 345.759/-20.68		0h 30m			
S14	T7 - Titan [14]	07 Sep 2005, 08:11:57	2005-250T08:11:57.990	1075 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM			EXCELLENT	EXCELLENT	EXCELLENT
S14	H1 - Hyperion [15]	26 Sep 2005, 02:24:46	2005-269T02:24:46.000	512 km	ISS	CIRS	UVIS	CIRS_FP1 to 359.9/-1.9	POS_X to NSP			POOR	POOR	N/A
S15	D1 - Dione [16]	11 Oct 2005, 17:52:02	2005-284T17:52:02.090	500 km	ISS	CAPS	ISS	NEG_Y to 126.3/19.7	NEG_Z to NSP			POOR	POOR	N/A
S15	T8 - Titan [17]	28 Oct 2005, 04:15:25	2005-301T04:15:25.890	1358 km	RADAR	RADAR	RADAR	NEG_Z to Titan	POS_X to Titan_SC_RAM			POOR	POOR	EXCELLENT
S16	R1 - Rhea [18]	26 Nov 2005, 22:37:39	2005-330T22:37:39.000	500 km	SP	SP	CIRS	XBAND to Earth	NEG_Y to 226.0/15.0			POOR	POOR	N/A
S17	T9 - Titan [19]	26 Dec 2005, 18:59:30	2005-360T18:59:30.470	10409 km	ISS	UVIS	UVIS	ISS_NAC to Titan	POS_X to NSP			POOR	POOR	POOR
S17	T10 - Titan [20]	15 Jan 2006, 11:41:27	2006-015T11:41:27.270	2043 km	VIMS	UVIS	CIRS	ISS_NAC to Sun	POS_X to Titan			POOR	POOR	FAIR
S18	T11 - Titan [21]	27 Feb 2006, 08:25:19	2006-058T08:25:19.000	1813 km	SP	SP	SP	XBAND to Earth	NEG_X to Sun			POOR	POOR	FAIR
S19	T12 - Titan [22]	19 Mar 2006, 00:57:57	2006-078T00:57:57.000	1951 km	RSS	RSS	RADAR	XBAND to Earth	NEG_Y to Saturn			POOR	POOR	FAIR
S20	T13 - Titan [23]	30 Apr 2006, 20:58:15	2006-120T20:58:15.000	1855 km	RADAR	RADAR	RADAR	NEG_Z to Titan	POS_X to Titan_SC_RAM			POOR	POOR	FAIR
S20	T14 - Titan [24]	20 May 2006, 12:18:12	2006-140T12:18:12.340	1879 km	RSS	RSS	RSS	XBAND to Earth	NEG_X to NEP			POOR	POOR	FAIR
S21	IM25 - Inner Mag [25]	30 Jun 2006, 16:15:00	2006-181T16:15:00.000	5.66 - 5.95 R(s)	ISS	INMS	CIRS	NEG_X to Dust_RAM	ISS_NAC to Saturn		1h 30m			
S21	T15 - Titan [25]	02 Jul 2006, 09:20:47	2006-183T09:20:47.000	1906 km	RADAR	CAPS	CIRS	NEG_X to 345.0/-20.0	POS_Z to NSP			POOR	POOR	FAIR
S22	T16 - Titan [26]	22 Jul 2006, 00:25:26	2006-203T00:25:26.020	950 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM			EXCELLENT	FAIR	EXCELLENT
S22	IM26 - Inner Mag [26]	23 Jul 2006, 23:00:00	2006-204T22:15:00.000	4.22 - 4.40 R(s)	CIRS	INMS	ISS	NEG_X to Dust_RAM	POS_Z to NSP		1h 30m			
S23	T17 - Titan [28]	07 Sep 2006, 20:16:50	2006-250T20:16:50.832	1000 km	VIMS	INMS	VIMS	NEG_X to Titan_SC_RAM	NEG_Y to 101.287/-16.716			EXCELLENT	EXCELLENT	EXCELLENT
S24	T18 - Titan [29]	23 Sep 2006, 18:58:49	2006-266T18:58:49.600	960 km	CIRS	INMS	VIMS	NEG_X to SC_RAM	NEG_Z to Titan			EXCELLENT	FAIR	EXCELLENT
S24	IM29 - Inner Mag [29]	26 Sep 2006, 01:30:00	2006-269T00:30:00.000	5.13 - 5.97 R(s)	ISS	INMS	CIRS	NEG_X to 23.238/-45.159	NEG_Z to North_Pole_Dir		2h 00m			
S24	T19 - Titan [30]	09 Oct 2006, 17:30:07	2006-282T17:30:07.000	980 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM			EXCELLENT	FAIR	EXCELLENT
S25	T20 - Titan [31]	25 Oct 2006, 15:58:07	2006-298T15:58:07.820	1030 km	CAPS	VIMS	VIMS	VIMS_IR to Titan	POS_X to North_Pole_Dir			POOR	POOR	EXCELLENT
S25	IM31 - Inner Mag [31]	28 Oct 2006, 05:15:00	2006-301T04:30:00.000	5.31 - 5.74 R(s)	CIRS	INMS	ISS	NEG_X to 276.971/18.223	NEG_Z to NSP		1h 30m			
S26	IM34 - Inner Mag [34]	02 Dec 2006, 20:47:30	2006-336T20:05:00.000	4.80 - 4.71 R(s)	CIRS	INMS	VIMS	NEG_X to 245.17/24.77	NEG_Z to NSP		1h 25m			
S26	T21 - Titan [35]	12 Dec 2006, 11:41:30	2006-346T11:41:30.799	1000 km	UVIS	INMS	RADAR	NEG_X to Titan_SC_RAM	NEG_Z to Titan			EXCELLENT	FAIR	EXCELLENT
S26	T22 - Titan [36]	28 Dec 2006, 10:05:21	2006-362T10:05:21.491	1296 km	CIRS	RSS	ISS	KABAND to Earth	NEG_X to Sun			POOR	POOR	EXCELLENT
S27	T23 - Titan [37]	13 Jan 2007, 08:38:30	2007-013T08:38:30.737	1000 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM	PHD scan		EXCELLENT	EXCELLENT	EXCELLENT
S27	T24 - Titan [38]	29 Jan 2007, 07:15:54	2007-029T07:15:54.826	2631 km	VIMS	VIMS	ISS	VIMS_IR to Titan	NEG_X to Sun			POOR	POOR	POOR
S28	T25 - Titan [39]	22 Feb 2007, 03:12:23	2007-053T03:12:23.806	1000 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM	PHD scan		EXCELLENT	FAIR	EXCELLENT
S28	T26 - Titan [40]	10 Mar 2007, 01:48:59	2007-069T01:48:59.834	980 km	UVIS	INMS	CIRS	NEG_X to Titan_SC_RAM	NEG_Y to Titan			EXCELLENT	EXCELLENT	EXCELLENT
S28	T27 - Titan [41]	26 Mar 2007, 00:23:26	2007-085T00:23:26.945	1010 km	RSS	RSS	RSS	XBAND to Earth	NEG_Y to Titan_SC_RAM			FAIR	POOR	EXCELLENT
S29	T28 - Titan [42]	10 Apr 2007, 22:57:59	2007-100T22:57:59.629	990 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM			EXCELLENT	FAIR	EXCELLENT
S29	IM43 - Inner Mag [43]	24 Apr 2007, 19:45:00	2007-114T19:00:00.000	5.71 - 5.67 R(s)	VIMS	INMS	ISS	NEG_X to SC_RAM	PIC		1h 30m			
S29	T29 - Titan [43]	26 Apr 2007, 21:32:57	2007-116T21:32:57.834	980 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM	PHD scan		EXCELLENT	FAIR	EXCELLENT
S30	T30 - Titan [44]	12 May 2007, 20:09:58	2007-132T20:09:58.000	960 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM			EXCELLENT	EXCELLENT	EXCELLENT
S30	T31 - Titan [45]	28 May 2007, 18:51:55	2007-148T18:51:55.000	2300 km	RSS	RSS	VIMS	XBAND to Earth	POS_X to NSP			POOR	POOR	POOR
S31	IM46 - Inner Mag [46]	12 Jun 2007, 00:30:00	2007-163T00:10:00.000	2.81 - 2.71 R(s)	VIMS	INMS	ISS	NEG_X to Dust_RAM	PIC		0h 40m			
S31	T32 - Titan [46]	13 Jun 2007, 17:46:11	2007-164T17:46:11.000	975 km	VIMS	INMS	UVIS	NEG_X to Titan_SC_RAM	NEG_Y to Titan			EXCELLENT	EXCELLENT	EXCELLENT
S31	IM47 - Inner Mag [47]	28 Jun 2007, 00:57:01	2007-179T00:54:31.000	2.47 - 2.47 R(s)	RSS	INMS	CIRS	NEG_X to Dust_RAM	PIC		0h 05m			
S31	T33 - Titan [47]	29 Jun 2007, 16:59:46	2007-180T16:59:46.000	1932 km	UVIS	RSS	VIMS	XBAND to Earth	POS_Y to Sun			POOR	POOR	FAIR
S32	T34 - Titan [48]	19 Jul 2007, 01:11:20	2007-200T01:11:20.000	1322 km	RSS	VIMS	VIMS	VIMS_IR to Titan	NEG_X to 330.0/-16.7	PHD Scan		FAIR	POOR	EXCELLENT

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Sequence	FB - Target [REV]	Closest Appr/Start (MM/DD)	Closest Appr/Start (DDD)	Altitude/Distance	Prime Instrument			Pointing:		Scans	Pass Quality/Duration:			
					Ingress	Closest Approach	Egress	Primary Axis	Secondary Axis		Duration	CSN Ram Angle	OSI/OSNB ram Angle	Altitude
S33	T35 - Titan [49]	31 Aug 2007, 06:32:34	2007-243T06:32:34.000	3326 km	VIMS	VIMS	ISS	VIMS_IR to Titan	NEG_Z to Sun			POOR	POOR	POOR
S33	I1 - Iapetus [49]	10 Sep 2007, 14:15:40	2007-253T14:15:40.000	1635 km	UVIS	VIMS	CIRS	ISS_NAC to Iapetus	NEG_X to SC_RAM			FAIR	POOR	FAIR
S34	T36 - Titan [50]	02 Oct 2007, 04:42:43	2007-275T04:42:43.000	975 km	RADAR	RADAR	RADAR	NEG_X to Titan_SC_RAM	NEG_Z to Titan			EXCELLENT	FAIR	EXCELLENT
S35	IM52 - Inner Mag [52]	17 Nov 2007, 03:10:00	2007-321T02:25:00.000	5.40 - 4.74 R(s)	RADAR	INMS	UVIS	NEG_X to Dust_RAM	NEG_Y to NSP		1h 30m			
S35	T37 - Titan [52]	19 Nov 2007, 00:47:25	2007-323T00:47:25.000	1000 km	CIRS	INMS	VIMS	NEG_X to Titan_SC_RAM	NEG_Y to Titan	PHD Scan		EXCELLENT	EXCELLENT	EXCELLENT
S35	T38 - Titan [53]	05 Dec 2007, 00:06:50	2007-339T00:06:50.000	1300 km	CIRS	VIMS	ISS	VIMS_IR to Titan	NEG_X to Sun			FAIR	POOR	EXCELLENT
S36	T39 - Titan [54]	20 Dec 2007, 22:52:56	2007-354T22:52:56.780	970 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM			EXCELLENT	FAIR	EXCELLENT
S36	IM55 - Inner Mag [55]	04 Jan 2008, 04:00:00	2008-004T03:15:00.000	4.31 - 4.77 R(s)	CIRS	INMS	CIRS	NEG_X to 55.463/17.479	POS_Z to NEP		1h 30m			
S36	T40 - Titan [55]	05 Jan 2008, 21:24:56	2008-005T21:24:56.790	1010 km	VIMS	INMS	VIMS	NEG_X to Titan_SC_RAM	NEG_Y to Titan	PHD Scan		EXCELLENT	EXCELLENT	EXCELLENT
S36	IM56 - Inner Mag [56]	15 Jan 2008, 15:15:00	2008-015T14:30:00.000	5.99 - 5.24 R(s)	CIRS	INMS	VIMS	NEG_X to Dust_RAM	PIC		1h 30m			
S37	IM57 - Inner Mag [57]	27 Jan 2008, 21:41:00	2008-027T21:02:00.000	3.27 - 3.45 R(s)	UVIS	INMS	VIMS	NEG_X to 4.848/3.895	NEG_Y to NSP		1h 18m			
S37	IM58 - Inner Mag [58]	08 Feb 2008, 21:00:00	2008-039T20:15:00.000	3.34 - 3.71 R(s)	VIMS	INMS	RADAR	NEG_X to Dust_RAM	PIC		1h 30m			
S38	T41 - Titan [59]	22 Feb 2008, 17:39:08	2008-053T17:39:08.850	1000 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM			EXCELLENT	EXCELLENT	EXCELLENT
S38	IM60 - Inner Mag [60]	02 Mar 2008, 06:15:00	2008-062T05:45:00.000	3.77 - 3.90 R(s)	UVIS	INMS	INMS	NEG_X to Dust_RAM	NEG_Y to NSP		1h 00m			
S38	E3 - Enceladus [61]	12 Mar 2008, 19:06:42	2008-072T19:06:42.990	23 km	ISS	CAPS	CIRS	NEG_X to SC_RAM	POS_Y to COROT			EXCELLENT	EXCELLENT	EXCELLENT
S38	IM61 - Inner Mag [61]	12 Mar 2008, 20:11:17	2008-072T10:20:00.000	3.87 - 3.74 R(s)	CIRS	RADAR	CIRS	NEG_Z to Enceladus	NEG_X to North_Pole_Dir		1h 30m			
S39	T42 - Titan [62]	25 Mar 2008, 14:35:08	2008-085T14:35:08.050	1000 km	CIRS	INMS	VIMS	NEG_X to Titan_SC_RAM	NEG_Y to Titan			EXCELLENT	EXCELLENT	EXCELLENT
S39	IM63 - Inner Mag [63]	01 Apr 2008, 13:12:30	2008-092T12:35:00.000	4.40 - 4.31 R(s)	UVIS	INMS	VIMS	NEG_X to Dust_RAM	PIC		1h 15m			
S40	IM66 - Inner Mag [66]	30 Apr 2008, 14:35:00	2008-121T13:50:00.000	4.40 - 4.30 R(s)	ISS	INMS	CIRS	NEG_X to Dust_RAM	PIC		1h 30m			
S40	IM67 - Inner Mag [67]	10 May 2008, 01:20:00	2008-131T00:35:00.000	4.39 - 4.30 R(s)	RSS	INMS	CIRS	NEG_X to Dust_RAM	XBAND to Earth		1h 30m			
S40	T43 - Titan [67]	12 May 2008, 10:10:01	2008-133T10:10:01.710	1000 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM			POOR	POOR	EXCELLENT
S40	IM69 - Inner Mag [69]	25 May 2008, 22:13:06	2008-146T21:28:06.000	3.43 - 3.25 R(s)	ISS	ISS (INMS)	ISS	NEG_X to Dust_RAM	POS_Y to Saturn		1h 30m			
S40	T44 - Titan [69]	28 May 2008, 08:33:14	2008-149T08:33:14.990	1360 km	RADAR	RADAR	RADAR	NEG_Z to Titan	NEG_X to Titan_SC_RAM			POOR	POOR	EXCELLENT
S41	IM71 - Inner Mag [71]	09 Jun 2008, 00:14:01	2008-161T23:29:01.000	2.95 - 2.70 R(s)	CIRS	UVIS	ISS	ISS_NAC to Sun	NEG_X to Saturn		1h 30m			
S42	T45 - Titan [78]	31 Jul 2008, 02:13:08	2008-213T02:13:08.000	1612 km	RSS	RSS	RSS	Neg_Z to Earth	Pos_X to NTP			?	?	FAIR
S43	E4 - Enceladus [80]	11 Aug 2008, 21:06:24	2008-224T21:06:24.000	21 km	UVIS	ISS	CIRS	?	?			?	?	EXCELLENT
S44	E5 - Enceladus [88]	09 Oct 2008, 19:06:44	2008-283T19:06:44.000	24 km	UVIS	INMS	ISS	NEG_X to RAM	PIC			?	?	EXCELLENT
S45	E6 - Enceladus [91]	31 Oct 2008, 17:14:54	2008-305T17:14:54.000	196 km	VIMS	ISS	CIRS	?	?			?	?	EXCELLENT
S45	T46 - Titan [91]	03 Nov 2008, 17:35:07	2008-308T17:35:07.000	1100 km	RSS	RSS	RSS	NEG_Z to Earth	NEG_X to RAM			?	?	EXCELLENT
S45	T47 - Titan [93]	19 Nov 2008, 15:56:11	2008-324T15:56:11.000	1022 km	UVIS	VIMS	UVIS	Neg_Y to Titan	Neg_X to Sun w/ Offset (0,50,0)			?	?	EXCELLENT
S46	T48 - Titan [95]	05 Dec 2008, 14:25:29	2008-340T14:25:29.000	960 km	RADAR	INMS	UVIS	Neg_X to RAM	Neg_Z to Titan			?	?	EXCELLENT
S46	T49 - Titan [97]	21 Dec 2008, 12:59:37	2008-356T12:59:37.000	970 km	VIMS	RADAR	RADAR	Neg_Z to Titan	Neg_X to RAM			?	?	EXCELLENT
S47	T50 - Titan [102]	07 Feb 2009, 08:50:37	2009-038T08:50:37.000	970 km	RADAR	INMS	RADAR	Neg_X to RAM	Neg_Z to Titan			?	?	EXCELLENT
S49	T51 - Titan [106]	27 Mar 2009, 04:43:22	2009-086T04:43:22.000	960 km	VIMS	VIMS/INMS	RSS	NEG_X to RAM	Neg_Y to Titan			?	?	EXCELLENT
S49	T52 - Titan [108]	04 Apr 2009, 01:47:32	2009-094T01:47:32.000	4150 km	RSS	RSS	RSS	Neg_Z to Earth	Pos_Y to NTP			POOR	POOR	POOR
S49	T53 - Titan [109]	20 Apr 2009, 00:20:24	2009-110T00:20:24.000	3600 km	CIRS	UVIS	CIRS	UVIS Solar Port to SUN	Neg-X to Co-Rotation RAM(?)			POOR	POOR	POOR
S50	T54 - Titan [110]	05 May 2009, 22:53:53	2009-125T22:53:53.000	3244 km	CIRS	CIRS	ISS	Neg_Y to Titan	Pos Z Perp to Limb			POOR	POOR	POOR
S50	T55 - Titan [111]	21 May 2009, 21:26:18	2009-141T21:26:18.000	965 km	RADAR	RADAR	RADAR	Neg_Z to Titan	Neg_X to RAM			?	?	EXCELLENT
S50	T56 - Titan [112]	06 Jun 2009, 19:59:39	2009-157T19:59:39.000	965 km	RADAR	RADAR	UVIS	Neg_Z to Titan	Neg_X to RAM			?	?	EXCELLENT
S51	T57 - Titan [113]	22 Jun 2009, 18:32:14	2009-173T18:32:14.000	955 km	RSS	INMS	RADAR	Neg_X to RAM	Neg_Z to Titan			?	?	EXCELLENT
S51	T58 - Titan [114]	08 Jul 2009, 17:03:44	2009-189T17:03:44.000	965 km	UVIS	RADAR	UVIS	NEG_Z to Titan	Neg_X to RAM			?	?	EXCELLENT
S52	T59 - Titan [115]	24 Jul 2009, 15:33:29	2009-205T15:33:29.000	955 km	CAPS	INMS	CIRS	Neg_X to RAM	NEG_Z to Titan			?	?	EXCELLENT
S52	T60 - Titan [116]	09 Aug 2009, 14:03:19	2009-221T14:03:19.000	970 km	RADAR	RADAR	ISS	NEG_Z to Titan	Neg_X to RAM			?	?	EXCELLENT
S53	T61 - Titan [117]	25 Aug 2009, 12:52:04	2009-237T12:52:04.000	970 km	RADAR	RADAR	VIMS	NEG_Z to Titan	Neg_X to RAM			?	?	EXCELLENT
S54	T62 - Titan [119]	12 Oct 2009, 08:36:19	2009-285T08:36:19.000	1300 km	CIRS	UVIS	CIRS	UVIS Solar Occ Port to Sun	PIC			?	?	EXCELLENT
S54	E7 - Enceladus [120]	02 Nov 2009, 07:42:01	2009-306T07:42:01.000	102 km	RADAR	INMS	UVIS	Neg_X to RAM	PIC			?	?	EXCELLENT
S55	E8 - Enceladus [121]	12 Nov 2009, 02:09:59	2009-325T02:09:59.000	1606 km	CIRS	ISS	VIMS	?	?			?	?	FAIR
S55	T63 - Titan [122]	12 Dec 2009, 01:02:45	2009-346T01:02:45.000	4850 km	CAPS	CAPS	CAPS	NEG_X to DustRAM	NEG_Z to NSP			POOR	POOR	POOR
S56	T64 - Titan [123]	28 Dec 2009, 00:16:25	2009-362T00:16:25.000	955 km	RADAR	INMS	RADAR	NEG_X to RAM	NEG_Z to Titan			?	?	EXCELLENT
S56	T65 - Titan [124]	12 Jan 2010, 23:10:15	2010-012T23:10:15.000	1075 km	CAPS	INMS/RADAR	CAPS	NEG_X to RAM	NEG_Z to Titan			?	?	EXCELLENT

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					Ingress	Closest Approach	Egress	Primary Axis	Secondary Axis		Duration	CSN Ram Angle	OSI/OSNB ram Angle	Altitude
S57	T66 - Titan [125]	28 Jan 2010, 22:28:39	2010-028T22:28:39.000	7477 km	CIRS	ISS	ISS	NEG_Y to Titan	NEG_X to SUN			POOR	POOR	POOR
S58	R2 - Rhea [127]	02 Mar 2010, 17:40:33	2010-061T17:40:33.000	100 km	?	?	?	?	?			?	?	N/A
S58	H1 - Helene [127]	03 Mar 2010, 13:40:39	2010-062T13:40:39.000	1820 km	?	?	?	?	?			?	?	N/A
S59	T67 - Titan [129]	05 Apr 2010, 15:50:39	2010-095T15:50:39.000	7462 km	CIRS	ISS	ISS	NEG_Y to Titan	NEG_X to SUN			POOR	POOR	POOR
S59	D2 - Dione [129]	07 Apr 2010, 05:16:05	2010-097T05:16:05.000	500 km	?	?	?	?	?			?	?	N/A
S59	E9 - Enceladus [130]	28 Apr 2010, 00:10:44	2010-118T00:10:44.000	102 km	RADAR	RSS	VIMS	?	?			?	?	EXCELLENT
S60	E10 - Enceladus [131]	18 May 2010, 06:04:04	2010-138T06:04:04.000	201 km	UVIS	ISS	VIMS	?	?			?	?	EXCELLENT
S60	T68 - Titan [131]	20 May 2010, 03:24:19	2010-140T03:24:19.000	1400 km	CIRS	RADAR	RADAR	NEG_Z to Titan	NEG_X to RAM			?	?	EXCELLENT
S60	T69 - Titan [132]	05 Jun 2010, 02:26:27	2010-156T02:26:27.000	2044 km	RADAR	VIMS	VIMS	Neg_Y to Titan	Neg_X to SUN			?	?	FAIR
S61	T70 - Titan [133]	21 Jun 2010, 01:27:18	2010-172T01:27:18.000	955 km	CAPS	MAG	UVIS	POS_Y to RAM	NEG_Y			FAIR	POOR	EXCELLENT