

113TI T57

C/A Altitude = 1000 km

Delivered: September 05, 2008

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2009-173T04:10:00	2009-173T04:50:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to NTP	DFPW Normal	S_N_ER_3	
2009-173T04:50:00	C/A - 13:26:47	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A - 13:26:47	-13:00	CIRS	Template M4	DFPW Normal	S_N_ER_3	
-13:00	-10:00	CIRS	Template N	DFPW Normal	S_N_ER_3	
-10:00	-09:00	ISS	Template N	DFPW Normal	S_N_ER_3	
-09:00	-03:27	UVIS	Template X	DFPW Normal	S_N_ER_3	Impact of transition TBD
-03:27	-03:26	RWA to RCS Transition		RSSK_RCS	S_N_ER_3	set deadband to (0.5, 0.5, 0.5 mrad)
-03:26	-02:15	UVIS	Template X	RSS3RCS	S_N_ER_3	RSS3RCS at -03:06:07
-02:15	-01:10	CIRS		RSS3RCS	S_N_ER_3	
		Begin Custom Period				
-01:10	-00:20:48	RSS Occultation	XBAND to Earth, NEG_X to TITAN_SC_RAM	RSS3RCS	S_N_ER_3	09:40 turn from Waypoint, 10 second margin
-00:20:48	0	RADAR design for INMS	RADAR rides along at C/A +/- 3 min	RADRCS	S_N_ER_8	Check turn duration (SP estimate = 00:04:04)
2009-173T18:31:47		CLOSEST APPROACH	NEG_X to Titan_SC_RAM, NEG_Z to Titan			
0	+00:12:30	RADAR design for INMS		RADRCS	S_N_ER_8	
+00:12:30	+00:30	RADAR	Altimetry	RADRCS	S_N_ER_8	
+00:30	+00:50	RADAR	High-Altitude SAR	RADRCS	S_N_ER_8	
+00:50	+01:14	RCS to RWA Transition		RADRWA	S_N_ER_8	
+01:14	+02:00	RADAR	Scatterometry/Radiometry	RADRWA	S_N_ER_8	
+02:00	+5:30	RADAR	Template L	RADRWA	S_N_ER_8	31 minute turn to ORS waypoint
		End Custom Period				
+05:30	+08:30	UVIS	Template G	DFPW Normal	S_N_ER_3	
+08:30	+09:00	ISS	Template G	DFPW Normal	S_N_ER_3	
+09:00	+14:00	VIMS	Template V	DFPW Normal	S_N_ER_3	
+14:00	C/A + 22:00	CIRS	Template A	DFPW Normal	S_N_ER_3	
C/A + 22:00	2009-174T17:00:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2009-174T17:00:00	2009-174T17:40:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_X to NEP	DFPW Normal	S_N_ER_3	
2009-174T17:40:00	2009-175T03:40:00	Goldstone 70M Array		RSSK_RWAS	RTE_N_SPB	Rolling for 1st 6 hours of downlink