

**102TI T50**

C/A Altitude = 960 km

Delivered: April 04, 2008

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2009-037T13:19:00	2009-037T13:59:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_Z to 359.0/-21.0 (0.0, -5.0, 0.0 deg. offset)	DFPW Normal	S_N_ER_3	
2009-037T13:59:00	C/A - 18:36:20	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A - 18:36:20	-13:00	VIMS	Template B	DFPW Normal	S_N_ER_3	
-13:00	-09:30	CIRS	Template C (short)	DFPW Normal, then RADWU at -9:45	S_N_ER_5A for 15 min, then S_N_ER_3	
-09:30	-05:30	CIRS	Template F (full)	RADWU	S_N_ER_3	
		Begin Custom Period				
-05:30	-05:00	RADAR Turn to RADAR attitude		RADRWA	S_N_ER_8	
-05:00	-02:00	RADAR	Template L	RADRWA	S_N_ER_8	
-02:00	-01:12	RADAR	Scatterometry/Radiometry	RADRWA	S_N_ER_8	
-01:12	-00:50	RWA to RCS Transition		RADRCS	S_N_ER_8	set deadband to (2, 2, 20 mrad)
-00:50	-00:30	RADAR	High-Altitude SAR	RADRCS	S_N_ER_8	
-00:30	-00:18	RADAR	Altimetry	RADRCS	S_N_ER_8	
-00:18	-00:12	RADAR Turn to INMS attitude	Check turn times	RADRCS	S_N_ER_8	
-00:12	0	INMS		RADRCS	S_N_ER_8	
2009-038T08:50:20		CLOSEST APPROACH	+/- 3 mins RADAR SAR Ride along NEG_X to RAM, NEG_Z to Titan			
0	+00:12	INMS		RADRCS	S_N_ER_8	
+00:12	+00:18	RADAR Turn to RADAR attitude	Check turn times	RADRCS	S_N_ER_8	
+00:18	+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	set deadband to (2, 2, 20 mrad) through the transition
+01:14	+02:00	RADAR	Scatterometry/Radiometry	RADRWA	S_N_ER_8	
+02:00	+05:30	RADAR	Template L	RADRWA	S_N_ER_8	
+05:30	+06:00	RADAR Turn to Waypoint attitude		RADRWA	S_N_ER_8	
		End Custom Period				
+06:00	+09:00	UVIS	Template P	DFPW Normal	S_N_ER_3	
+09:00	+10:00	ISS	Template N	DFPW Normal	S_N_ER_3	
+10:00	+13:00	CIRS	Template N	DFPW Normal	S_N_ER_3	
+13:00	+13:30	ISS	Template M2 (stare)	DFPW Normal	S_N_ER_3	
+13:30	+18:00	CIRS	Template M2	DFPW Normal	S_N_ER_3	
+18:00	C/A + 18:33:40	ISS	Template M2 (stare)	DFPW Normal	S_N_ER_3	
C/A + 18:33:40	2009-039T03:39:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2009-039T03:39:00	2009-039T04:19:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2009-039T04:19:00	2009-039T13:19:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	Rolling
2009-039T13:19:00	2009-039T16:19:00	Canberra 34M		DFPW Normal	RTE_N_SPB	Rolling, Dual Playback for RADAR/INMS, -00:05 to +00:05