

097TI T49

C/A Altitude = 970 km

Delivered: March 21, 2008

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2008-355T16:29:00	2008-355T17:09:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_Z to 340.0/0.0 (0.0, -15.0, 0.0 deg offset)	DFPW Normal	S_N_ER_3	
2008-355T17:09:00	C/A - 19:35:20	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A - 19:35:20	-13:00	CIRS	Template A	DFPW Normal	S_N_ER_3	
-13:00	-09:00	CIRS	Template C	DFPW Normal	S_N_ER_3	
-09:00	-05:00	ISS	Template H	DFPW Normal	S_N_ER_3	
-05:00	-03:00	ISS	Template S2	DFPW Normal	S_N_ER_3	
-03:00	-02:00	CIRS	Template S2	RADWU	S_N_ER_5A for 15 min, then S_N_ER_3	
-02:00	-00:46	VIMS		RADWU	S_N_ER_3	
-00:46	-00:45	RWA to RCS Transition		RADRCS	S_N_ER_3	set deadband to (0.5, 0.5, 2.0 mrad)
-00:45	-00:24	VIMS		RADRCS	S_N_ER_3	
-00:24	-00:07	RADAR	SAR	RADRCS	S_N_ER_8	
-00:07	0	RADAR	Altimetry over Lacus Ontario	RADRCS	S_N_ER_8	
2008-356T12:59:20		CLOSEST APPROACH	NEG_Z to Titan, NEG_X to RAM			
0	+00:18	RADAR	SAR	RADRCS	S_N_ER_8	
+00:18	+00:30	RADAR	Altimetry	RADRCS	S_N_ER_8	
+00:30	+00:50	RADAR	High-Altitude SAR + Altimetry	RADRCS	S_N_ER_8	
+00:50	+01:12	RCS to RWA Transition		RADRWA	S_N_ER_8	set deadband to (0.5, 0.5, 2.0 mrad) through the transition
+01:12	+02:00	RADAR	Radiometry	RADRWA	S_N_ER_8	
+02:00	+05:30	RADAR	Template L	RADRWA	S_N_ER_8	
+05:30	+09:00	CIRS	Template R (target using CIRS FP3 and FP4 body vectors)	DFPW Normal	S_N_ER_3	
+09:00	+13:00	VIMS	Template O	DFPW Normal	S_N_ER_3	
+13:00	+13:30	ISS	Template M2 (stare)	DFPW Normal	S_N_ER_3	
+13:30	+17:00	CIRS	Template M2	DFPW Normal	S_N_ER_3	
+17:00	+17:30	ISS	Template M2 (stare)	DFPW Normal	S_N_ER_3	
C/A + 17:30	2008-357T06:34:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2008-357T06:34:00	2008-357T07:14:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_X to NEP	DFPW Normal	S_N_ER_3	SRU Bright Body violation.
2008-357T07:14:00	2008-357T16:14:00	Goldstone 70M	XBAND to Earth, Rolling	DFPW Normal	RTE_N_SPB	CIRS radiator exposure. CIRS Flight Rule violation (Predicted max delta temperature = 4.33 K, Predicted final delta T = 3.4748 K).
2008-357T16:14:00	2008-357T22:14:00	2 hours: C34/70M array 4 hours: C34 HEF	XBAND to Earth, NEG_X to NEP	DFPW Normal	RTE_N_SPB	Dual Playback for RADAR, -00:23 to +00:18