

112TI T56

C/A Altitude = 965 km

Delivered: August 22, 2008

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2009-157T05:12:00	2009-157T05:52:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to 67.0/16.0	DFPW Normal	S_N_ER_3	
2009-157T05:52:00	C/A - 13:52:12	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A - 13:52:12	-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	-05:10	VIMS	Template Q	RADWU	S_N_ER_5A for 15 min, then S_N_ER_3	
		Begin Custom Period				
-05:10	-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 (0.5, 0.5, 0.5 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	0	RADAR	SAR	RADRCS	S_N_ER_8	
2009-157T20:00:01		CLOSEST APPROACH	NEG_Z to Titan, NEG_X to Titan SC_RAM			
0	+00:18	RADAR	SAR	RADRCS	S_N_ER_8	
+00:18	+00:24	RADAR	Altimetry (and TBD: High-Altitude SAR)	RADRCS	S_N_ER_8	
+00:24	+00:32	RADAR Turn to UVIS Stellar Occultation attitude		RADRCS	S_N_ER_8	
+00:32	+00:56	RCS to RWA Transition		DFPW Normal	S_N_ER_3	set deadband to (0.5, 0.5, 0.5 mrad) through the transition
+00:32	+01:41	UVIS Stellar Occultation	Stellar Occultation: Eta Ursa Majoris	DFPW Normal	S_N_ER_3	
		End Custom Period				
+01:41	+05:00	UVIS	Template X	DFPW Normal	S_N_ER_3	
+05:00	+09:00	UVIS	Template X	DFPW Normal	S_N_ER_3	
+09:00	+14:00	CIRS	Template C	DFPW Normal	S_N_ER_3	
+14:00	C/A + 23:02:48	VIMS	Template B	DFPW Normal	S_N_ER_3	
C/A + 23:02:48	2009-158T19:17:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2009-158T19:17:00	2009-158T19:57:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_X to NEP	DFPW Normal	S_N_ER_3	
2009-158T19:57:00	2009-159T04:57:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	Rolling/Bias
2009-159T04:57:00	2009-159T06:57:00	Canberra 70M		DFPW Normal	RTE_N_SPB	Rolling, Dual Playback for RADAR, -00:18 to +00:18