

119TI T62

C/A Altitude = 1300 km

Delivered: February 12, 2009

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2009-284T13:49:00	2009-284T14:29:00	SP Turn to Waypoint	NEG_Z to Earth, NEG_Y to Titan	DFPW Normal	S_N_ER_3	
2009-284T14:29:00	C/A - 17:51:04	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A - 17:51:04	-17:21:04	ISS	Template M3	DFPW Normal	S_N_ER_3	
-17:21:04	-13:00	CIRS	Template M3	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	
		Begin Custom Period				
-09:00	-02:09	UVIS	Template X	DFPW Normal	S_N_ER_3	
-02:09	-01:47	RWA to RCS Transition		ORSRCS	S_N_ER_3	set deadband to (0.5, 0.5, 0.5 mrad)
-01:47	-00:51	UVIS Solar Occultation, Ingress	Near Equator	ORSRCS	S_N_ER_3	
-00:51	-00:48	CIRS Turn to CIRS attitude		ORSRCS	S_N_ER_3	
-00:48	-00:22	CIRS	Slow limb scan or limb integration	ORSRCS	S_N_ER_3	
-00:22	-00:18	CIRS Turn to UVIS attitude		ORSRCS	S_N_ER_3	
-00:18	0	UVIS Solar Occultation, Egress	Southern Latitudes	ORSRCS	S_N_ER_3	Occ times correct? UTC from Ref Trajectory: 2009 OCT 12 07:38:46.39 2009 OCT 12 08:19:39.83
2009-285T08:35:04		CLOSEST APPROACH	UVIS Solar Occ Port to Sun, Secondary TBD			
0	+00:25	UVIS Solar Occultation, Egress		ORSRCS	S_N_ER_3	Time to stay on Sun-point to be investigated
+00:25	+00:35	CIRS Turn to CIRS attitude	NEG_Y to Titan, NEG_Z to NTP (or Secondary to minimize turn times)	ORSRCS	S_N_ER_3	Confirm duration of turn time, spare turn time goes to CIRS.
+00:35	+02:15	CIRS		ORSRCS	S_N_ER_3	
		End Custom Period				
+02:15	+02:39	RCS to RWA Transition		DFPW Normal	S_N_ER_3	set deadband to (2.0, 2.0, 2.0 mrad) through the transition
+02:39	+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	+12:00	CIRS	Template D2	DFPW Normal	S_N_ER_3	
+12:00	+14:00	ISS	Template D2	DFPW Normal	S_N_ER_3	
+14:00	C/A + 19:00	VIMS	Template B	DFPW Normal	S_N_ER_3	
C/A + 19:00	2009-286T04:09:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2009-286T04:09:00	2009-286T04:49:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2009-286T04:49:00	2009-286T13:49:00	Madrid 70M		DFPW Normal	RTE_N_SPB	Rolling