

059TI_T41

C/A Altitude = 1000 km

Delivered: September 27, 2007

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2008-053T03:51:00	2008-053T04:21:00	SP Turn to Waypoint	ISS_NAC to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
2008-053T04:21:00	2008-053T04:36:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-13:03	-10:00	CIRS	Template N (modified), pointing uses FP1 Body Vector	DFPW Normal, then RADWU at -10:15	S_N_ER_3, then S_N_ER_5A at -10:15	
-10:00	-09:00	ISS	Template N, Photometry	RADWU	S_N_ER_3	
-09:00	-05:15	VIMS	Template Q, Cloud Map	RADWU	S_N_ER_3	
-05:15	-04:45	SP Turn to RADAR Waypoint	NEG_Z to Titan, NEG_X to +30/+42	RADWU	S_N_ER_3	
-04:45	-02:00	RADAR	Template S, Radiometry	RADRWA	S_N_ER_8	
-02:00	-00:52	RADAR	Scatterometry	RADRWA	S_N_ER_8	
-00:52	-00:51	RWA to RCS Transition		RADRCS	S_N_ER_8	set deadband to (0.5, 0.5, 2.0 mrad)
-00:51	-00:15	RADAR	Altimetry	RADRCS	S_N_ER_8	
-00:15	+00:15	RADAR	SAR	RADRCS	S_N_ER_8	
2008-053T17:32:06		CLOSEST APPROACH				
+00:15	+00:30	RADAR	Altimetry	RADRCS	S_N_ER_8	
+00:30	+01:12	RADAR	Scatterometry	RADRCS	S_N_ER_8	
+01:12	+01:21	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	ORSRCS	S_N_ER_3	
+01:21	+01:44	RCS to RWA Transition		ORSRCS / DFPW Normal	S_N_ER_3	Simultaneous with UVIS Occultation
+01:21	+02:30	UVIS	Stellar Occultation: Eta Canus Majoris	ORSRCS / DFPW Normal	S_N_ER_3	
+02:30	+05:00	UVIS	Template K (modified)	DFPW Normal	S_N_ER_3	
+05:00	+08:36	ISS	Template H, Global Map	DFPW Normal	S_N_ER_3	
+08:36	+09:00	ISS	Template H, WAC Photometry	DFPW Normal	S_N_ER_3	
+09:00	+11:00	CIRS	Template D, pointing uses FP1 Body Vector	DFPW Normal	S_N_ER_3	
+11:00	+13:00	ISS	Template D, Mosaic	DFPW Normal	S_N_ER_3	
+13:00	+14:00	VIMS	Template D, Regional Map	DFPW Normal	S_N_ER_3	
+14:00	+14:30	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
+14:30	+18:30	Goldstone 70M		DFPW Normal	RTE_N_SPB	Rolling
+18:30	+19:00	SP Turn to Waypoint	ISS_NAC to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
+19:00	+22:45	CIRS	Template A	DFPW Normal	S_N_ER_3	
+22:45	+1T01:15	UVIS	Stellar Occultation: Epsilon Canus Majoris	DFPW Normal	S_N_ER_3	
+1T01:15	+1T03:55	CIRS	Template A	DFPW Normal	S_N_ER_3	
+1T03:55	+1T06:10	UVIS	Stellar Occultation: Epsilon Canus Majoris	DFPW Normal	S_N_ER_3	
+1T06:10	+1T07:55	CIRS	Template A	DFPW Normal	S_N_ER_3	
2008-055T01:36:00	2008-055T01:51:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2008-055T01:51:00	2008-055T02:21:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2008-055T02:21:00	2008-055T11:21:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	Rolling, Dual Playback for RADAR, -00:23 to +00:18