

039TI_T25

C/A Altitude = 950 km

Delivered: March 09, 2004

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2007-052T10:37:00	2007-052T11:07:00	SP Turn to Waypoint	ISS_NAC to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
2007-052T11:07:00	2006-052T11:22:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-15:49	-15:00	ISS	Template M, Monitor	DFPW Normal	S_N_ER_3	
-15:00	-13:00	CIRS	Template M, Mid-IR temperature map	DFPW Normal	S_N_ER_3	
-13:00	-10:00	CIRS	Template N, use FP1 Body Vector	DFPW Normal	S_N_ER_3	
-10:00	-09:00	ISS	Template N, Photometry	DFPW Normal	S_N_ER_3	
-09:00	-08:00	CIRS	Template R, Mid-IR Limb	DFPW Normal	S_N_ER_3	
-08:00	-05:10	CIRS	Template R, Mid-IR Limb	RADWU	S_N_ER_5A, then S_N_ER_3 at -07:45	
-05:10	-04:48	SP Turn to RADAR Waypoint	POS_X to 223/-12, NEG_Z to Titan	RADWU	S_N_ER_8	
-04:48	-01:15	RADAR	Template S, Radiometry (inbound)	RADRWA	S_N_ER_8	
-01:15	-00:52	RADAR	Scatterometry (inbound)	RADRWA	S_N_ER_8	
-00:52	-00:30	RWA to RCS Transition		RADRCS	S_N_ER_8	opmode transition duration is 21 min 13 sec; set deadband to (2, 2, 20 mrad)
-00:30	-00:16	RADAR	Altimetry (inbound)	RADRCS	S_N_ER_8	
-00:16	-00:06	RADAR	Low-Resolution SAR imaging (inbound)	RADRCS	S_N_ER_8	
-00:06	+00:06	RADAR	High-Resolution SAR imaging	RADRCS	S_N_ER_8	
2007-053T03:10:59		CLOSEST APPROACH				
+00:06	+00:16	RADAR	Low-Resolution SAR imaging (outbound)	RADRCS	S_N_ER_8	
+00:16	+00:30	RADAR	Altimetry (outbound)	RADRCS	S_N_ER_8	
+00:30	+00:52	RCS to RWA Transition		RADRWA	S_N_ER_8	opmode transition duration is 23 min 18 sec
+00:52	+01:17	RADAR	Scatterometry (outbound)	RADRWA	S_N_ER_8	
+01:17	+04:49	RADAR	Template L, Radiometry (outbound)	RADRWA	S_N_ER_8	
+04:49	+05:11	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
+05:11	+09:00	ISS	Template H, Global mosaic	DFPW Normal	S_N_ER_3	
+09:00	+11:00	CIRS	Template D, FP1 stare	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	Tempate D, Stare	DFPW Normal	S_N_ER_3	
+14:00	2006-054T00:26:00	CIRS	Template A, Mid-IR Temperature map with slow scans	DFPW Normal	S_N_ER_3	
2006-054T00:26:00	2006-054T00:41:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2006-054T00:41:00	2006-054T01:11:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2006-054T01:11:00	2006-054T10:11:00	Goldstone 70M		DFPW Normal	RTE N SPB	Rolling