

054TI_T39

C/A Altitude = 970 km

Delivered: August 01, 2007

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2007-354T08:16:00	2007-354T08:46:00	SP Turn to Waypoint	ISS_NAC to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
2007-354T08:46:00	2007-354T08:57:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-13:55	-09:00	VIMS	Template O (modified), Cloud Map	DFPW Normal	S_N_ER_3	
-09:00	-05:06	CIRS	Template R, Mid-IR Limb	DFPW Normal, then RADWU at -07:45	S_N_ER_3, then S_N_ER_5A at -07:45 for 15 min, then S_N_ER_3 at -07:45	
-05:06	-04:45	SP Turn to RADAR Waypoint	NEG_Z to Titan, NEG_X to 5/-5	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	-00:30	RWA to RCS Transition		RADRCS	S_N_ER_8	set deadband to (2, 2, 20 mrad)
-00:30	-00:15	RADAR	Altimetry	RADRCS	S_N_ER_8	
-00:15	-00:07	RADAR	Low-Resolution SAR	RADRCS	S_N_ER_8	
-00:07	+00:15	RADAR	High-Resolution SAR, use Primary pointing of NEG_X to RAM for INMS	RADRCS	S_N_ER_8	
2007-354T22:57:55		CLOSEST APPROACH				
+00:15	+00:30	RADAR	Altimetry	RADRCS	S_N_ER_8	
+00:30	+00:54	RCS to RWA Transition		RADRWA	S_N_ER_8	
+00:54	+02:00	RADAR	Scatterometry	RADRWA	S_N_ER_8	
+02:00	+05:00	RADAR	Template L, Radiometry	RADRWA	S_N_ER_8	
+04:45	+05:05	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
+05:05	+09:00	CIRS	Template F, Limb Map	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	+15:30	ISS	Out-of-Discipline: Rhea	DFPW Normal	S_N_ER_3	
+15:30	+1T00:15	VIMS	Template B (modified), Global Map	DFPW Normal	S_N_ER_3	
2007-355T23:12:00	2007-355T23:27:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2007-355T23:27:00	2007-355T23:57:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2007-355T23:57:00	2007-356T08:57:00	Madrid 70M/34M BWG Array		DFPW Normal	RTE_N_SPB	Rolling for 1st 6 hours of downlink, RADAR High Value Science playback, -00:23 to +00:18