

**069TI\_T44**

C/A Altitude = 1316 km

Delivered: December 06, 2007

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2008-148T04:43:00	2008-148T05:13:00	SP Turn to Waypoint	ISS_NAC to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
2008-148T05:13:00	2008-148T05:29:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-1T03:05	-1T00:05	CIRS-Rings Observation	Out-of-Discipline: Rings	DFPW Normal	S_N_ER_3	
-1T00:05	-16:00	CIRS	Template M (modified), Mid-IR Temperature Map	DFPW Normal	S_N_ER_3	
-16:00	-15:00	ISS	Template M	DFPW Normal	S_N_ER_3	
-15:00	-13:00	CIRS	Template M	DFPW Normal	S_N_ER_3	
-13:00	-09:00	VIMS	Template O, Cloud Map	DFPW Normal	S_N_ER_3	
-09:00	-05:00	UVIS	Template P, EUVFUV	DFPW Normal	S_N_ER_3	
-05:00	-03:00	UVIS	Template U, EUVFUV	RADWU	S_N_ER_5A for 15 min, then S_N_ER_3 at -04:45	
-03:00	-02:00	ISS	Template U	RADWU	S_N_ER_3	
-02:00	-01:59	RWA to RCS Transition		RADRCS	S_N_ER_3	set deadband to (2, 2, 20 mrad)
-01:59	-01:51	SP Turn to Waypoint	NEG_Z to Titan, NEG_X to 276/-56	RADRCS	S_N_ER_8	
-01:51	-00:30	RADAR	Scatterometry	RADRCS	S_N_ER_8	
-00:30	-00:15	RADAR	Altimetry	RADRCS	S_N_ER_8	
-00:15	-00:07	RADAR	SAR	RADRCS	S_N_ER_8	
-00:07	+00:07	RADAR	High-Resolution SAR	RADRCS	S_N_ER_8	
2008-149T08:24:32		<b>CLOSEST APPROACH</b>				
+00:07	+00:15	RADAR	SAR	RADRCS	S_N_ER_8	
+00:15	+00:30	RADAR	Altimetry	RADRCS	S_N_ER_8	
+00:30	+00:52	RCS to RWA Transition		RADRWA	S_N_ER_8	
+00:52	+01:39	RADAR	Scatterometry	RADRWA	S_N_ER_8	
+01:39	+04:35	RADAR	Template E, Radiometry	RADRWA	S_N_ER_8	
+04:35	+05:05	RADAR Turn back to Waypoint		RADRWA	S_N_ER_8	
+05:05	+05:24	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	RADRWA	S_N_ER_3	
+05:24	+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	C/A + 16:00	VIMS	Template B (modified), Global Map	DFPW Normal	S_N_ER_3	
C/A + 16:00	2008-150T00:47:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2008-150T00:47:00	2008-150T01:18:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2008-150T01:18:00	2008-150T03:18:00	Goldstone 34M		DFPW Normal	RTE_N_SPB	Rolling
2008-150T03:18:00	2008-150T12:12:00	VIMS	Template B (modified), Global Map, VIMS picks up at NEG_Z to Earth	DFPW Normal	S_N_ER_3	
2008-150T12:12:00	2008-150T21:12:00	Madrid 70M Array		DFPW Normal	RTE_N_SPB	Rolling for 1st 5 hours of downlink, Dual Playback for RADAR, -00:23 to 00:00