

**067TI\_T43**

C/A Altitude = 1000 km

Delivered: September 27, 2007

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2008-132T22:30:00	2008-132T23:00:00	SP Turn to Waypoint	ISS_NAC to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
2008-132T23:00:00	2008-132T23:15:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-10:54	-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	-05:07	VIMS	Template Q, Cloud Map	RADWU	S_N_ER_3	
-05:07	-04:53	SP Turn to Waypoint	NEG_Z to Titan, NEG_X to 296/-52	RADWU	S_N_ER_3	
-04:53	-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 (2, 2, 20 mrad)
-00:51	-00:15	RADAR	Altimetry	RADRCS	S_N_ER_8	
-00:15	-00:07	RADAR	Low-Resolution SAR	RADRCS	S_N_ER_8	
-00:07	+00:07	RADAR	High-Resolution SAR	RADRCS	S_N_ER_8	
<b>2008-133T10:01:58</b>		<b>CLOSEST APPROACH</b>				
+00:07	+00:15	RADAR	Low-Resolution SAR	RADRCS	S_N_ER_8	
+00:15	+00:30	RADAR	Altimetry	RADRCS	S_N_ER_8	
+00:30	+00:54	RCS to RWA Transition		DFPW Normal	S_N_ER_8	
+00:54	+01:50	RADAR	Scatterometry	DFPW Normal	S_N_ER_8	
+01:50	+02:10	SP Turn to Waypoint	NEG_Y to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
+02:10	+05:00	CIRS	Template E	DFPW Normal	S_N_ER_3	
+05:00	+09:00	CIRS	Template F, Limb Map	DFPW Normal	S_N_ER_3	
+09:00	+14:00	CIRS	Template C	DFPW Normal	S_N_ER_3	
+14:00	+14:30	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NTP	DFPW Normal	S_N_ER_3	
+14:30	+16:15	Goldstone 70M		DFPW Normal	RTE_N_SPB	
+16:15	+16:45	SP Turn to Waypoint	NEG_Y to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
+16:45	+1T02:19	CIRS	Template A (modified)	DFPW Normal	S_N_ER_3	
2008-134T12:29:00	2008-134T12:44:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2008-134T12:44:00	2008-134T13:14:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2008-134T13:14:00	2008-134T22:14:00	Madrid 70M/34M BWG Array		DFPW Normal	RTE_N_SPB	Rolling for 1st 5 hours of downlink, Dual Playback for RADAR, -00:23 to +00:18