

166TI_T83

C/A Altitude = 955 km

Delivered: October 11, 2011

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2012-142T08:31:00	2012-142T09:11:00	SP Turn to Waypoint	XBAND to Earth, NEG_Y to Saturn (0.0, 0.0, -9.5 deg offset)	DFPW Normal	S_N_ER_3	Secondary pointing (for downlink) is MIMI preference.
2012-142T09:11:00	C/A-15:44:11	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
		Begin Custom Period		DFPW Normal	S_N_ER_3	
C/A-15:44:11	-09:00	VIMS	Template O extended (TN1a, Specular reflection of lakes depending on geometry), VIMS pickup at XBAND to Earth, NEG_Y to Saturn (0.0, 0.0, -9.5 deg). VIMS handoff at TBD.	DFPW Normal	S_N_ER_3	
-09:00	-05:15	CIRS	Template R (TN1c or TC1b, decided in implementation)	DFPW Normal	S_N_ER_3	
-05:15	-05:00	CIRS		RADWU	S_N_ER_5A	
-05:00	-02:27	CIRS	Template T (TN2c, surface temperature), CIRS handoff attitude TBD.	RADWU	S_N_ER_3	
-02:27	-01:12	RADAR	(TN2c), RADAR pickup attitude TBD.	RADRWA	S_N_ER_8	
-01:12	-00:31	RADAR High-Altitude SAR		RADRWA	S_N_ER_8	
-00:31	-00:30	RWA to RCS Transition		RADRCS	S_N_ER_8	Set deadband to (2, 2, 20 mrad)
-00:30	-00:15	RADAR Altimetry	(TN2b)	RADRCS	S_N_ER_8	
-00:15	0	RADAR	INMS to be on point at -00:15	RADRCS	S_N_ER_8	
2012-143T01:10:11		CLOSEST APPROACH	NEG_X to RAM, NEG_Z to Titan			Northern small lake change detection - complements/substitutes T85
0	+00:18	RADAR SAR	(TC1a, TN1a, TN1b, TN2b, TN2c)	RADRCS	S_N_ER_8	INMS rider
+00:18	+00:30	RADAR Altimetry	(TN2b)	RADRCS	S_N_ER_8	
+00:30	+00:50	RADAR High-Altitude SAR		RADRCS	S_N_ER_8	
+00:50	+01:12	RCS to RWA Transition		RADRCS	S_N_ER_8	Set deadband to (2, 2, 2 mrad) through transition
+01:12	+02:15	RADAR scatterometry/radiometry		RADRWA	S_N_ER_8	
+02:15	+06:00	RADAR	Templates L + I1 (TN2c, TN2c), RADAR handoff attitude TBD.	RADRWA	S_N_ER_8	
+06:00	+09:00	VIMS	Template I1 (TC1a, TN2c), VIMS pickup and handoff attitudes TBD.	DFPW Normal	S_N_ER_3	
+09:00	C/A+14:35:49	CIRS	Template C (TN1c), CIRS pickup attitude TBD. CIRS hands off to Waypoint: XBAND to Earth, NEG_Y to Saturn (0.0,0.0,-9.5 deg offset)	DFPW Normal	S_N_ER_3	
		End Custom Period		DFPW Normal	S_N_ER_3	
C/A+14:35:49	2012-143T16:01:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2012-143T16:01:00	2012-143T16:01:00	SP Turn to Earth for Downlink		DFPW Normal	S_N_ER_3	
2012-143T16:01:00	2012-144T01:01:00	Madrid 70M		DFPW Normal	RTE_N_SPB	Rolling
2012-144T01:01:00	2012-144T02:01:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	Rolling, Dual playback for RADAR, -00:04:30 to +00:17:20