

149TI T77

C/A Altitude = 1359 km

Delivered: November 01, 2010

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2011-171T05:42:00	2011-171T06:22:00	SP Turn to Waypoint	NEG_Y to Titan, POS_X to 217.0/-83.7	DFPW Normal	S_N_ER_3	
2011-171T06:22:00	C/A-12:05:01	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	Reduced deadtime, 5 minutes
C/A-12:05:01	-09:00	UVIS	Template X extended (TN1c, TC1a)	RADWU	S_N_ER_5A for 15 min, then S_N_ER_3	
-09:00	-02:30	UVIS	Template X (TN1c, TC1a)	RADWU	S_N_ER_3	
-02:30	-01:12	RADAR Scatterometry/Radiometry	(TN2c, TN1a)	RADRWA	S_N_ER_8	RADAR may use the extra 15 min for turn
-01:12	-00:30	RADAR High-Altitude SAR	(TC1a, TN1a, TN1b, TN2b)	RADRWA	S_N_ER_8	
-00:30	-00:18	RADAR Altimetry	(TN2b)	RADRWA	S_N_ER_8	
-00:18	0	RADAR SAR	(TC1a, TN1a, TN1b, TN2b)	RADRWA	S_N_ER_8	
2011-171T18:32:01		CLOSEST APPROACH	NEG_Z to Titan, NEG_X to Titan SC RAM (TC2a)			global shape, stereo over Xanadu
0	+00:18	RADAR SAR	(TC1a, TN1a, TN1b, TN2b)	RADRWA	S_N_ER_8	
+00:18	+00:30	RADAR Altimetry	(TN2b)	RADRWA	S_N_ER_8	
+00:30	+01:12	RADAR High-Altitude SAR	(TC1a, TN1a, TN1b, TN2b)	RADRWA	S_N_ER_8	
+01:12	+02:30	RADAR Scatterometry/Radiometry	(TN2c, TN1a)	RADRWA	S_N_ER_8	RADAR may use the extra 15 min for turn
+02:30	+05:00	CIRS	Template E	DFPW Normal	S_N_ER_3	
+05:00	+09:00	CIRS	Template F	DFPW Normal	S_N_ER_3	
+09:00	+14:00	VIMS	Template V	DFPW Normal	S_N_ER_3	
+14:00	C/A+23:44:59	CIRS	Template A2	DFPW Normal	S_N_ER_3	
C/A+23:44:59	2011-172T18:32:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2011-172T18:32:00	2011-172T19:12:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to Saturn (0.0, 0.0, -9.5 deg offset)	DFPW Normal	S_N_ER_3	Secondary pointing is MIMI preference.
2011-172T19:12:00	2011-172T20:42:00	Y-Bias Window		DFPW Normal	S_N_ER_3	
2011-172T20:42:00	2011-173T05:42:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	Rolling for 1st 6 hours of downlink
2011-173T05:42:00	2011-173T07:42:00	Canberra 70M		DFPW Normal	RTE_N_SPB	Rolling; Dual playback for RADAR, -00:18 to +00:18