

134TI T71

C/A Altitude = 1005 km

Delivered: December 14, 2009

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2010-187T10:09:00	2010-187T10:49:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2010-187T10:49:00	C/A - 13:15:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A - 13:15:00	-09:00	CIRS	Template N, M4	DFPW Normal	S_N_ER_3	
-09:00	-06:00	CIRS	Template R1	RADWU	S_N_ER_5A for 15 min, then S_N_ER_3	
-06:00	-02:15	RADAR	Template L	RADRWA	S_N_ER_8	
-02:15	-00:49	RADAR design for CAPS		RADRWA	S_N_ER_3	
-00:49	-00:48	RWA to RCS Transition	Transition occurs sitting at CAPS attitude	RADRCs	S_N_ER_3	Set deadband to (2, 2, 20 mrad)
-00:48	-00:18	RADAR design for CAPS	CAPS to turn to Waypoint	RADRCs	S_N_ER_3	
-00:18	0	RADAR design for INMS		RADRCs	S_N_ER_8	RADAR rider
2010-188T00:22:45		CLOSEST APPROACH	NEG_X to RAM, NEG_Z to Titan (TC2a)			Rising solar activity; southern latitude; dayside near terminator
0	+00:18	RADAR design for INMS	INMS to turn to Waypoint	RADRCs	S_N_ER_8	RADAR rider
+00:18	+00:28	RADAR design for CAPS		RADRCs	S_N_ER_3	
+00:28	+00:50	RCS to RWA Transition	Transition occurs sitting at CAPS attitude	RADRWA	S_N_ER_3	Set deadband to (2, 2, 2 mrad) through the transition
+00:50	+02:15	RADAR design for CAPS		RADRWA	S_N_ER_3	
+02:15	+06:00	RADAR	Template L	RADRWA	S_N_ER_8	
+06:00	+09:00	VIMS	Template I1	DFPW Normal	S_N_ER_3	
+09:00	+14:00	VIMS	Template V	DFPW Normal	S_N_ER_3	ISS rider
+14:00	+17:35	VIMS	Template B	DFPW Normal	S_N_ER_3	ISS rider
C/A + 17:35:00	2010-188T18:14:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2010-188T18:14:00	2010-188T18:54:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to 269.65/-4.03	DFPW Normal	S_N_ER_3	Secondary pointing is RA/DEC equivalent of MIMI-preferred NEG_Y to Saturn with (0.0, 0.0, -9.5 deg) offset
2010-188T18:54:00	2010-189T01:09:00	Goldstone 34M		DFPW Normal	RTE_N_SPB	
2010-189T01:09:00	2010-189T10:09:00	Canberra 70M		DFPW Normal	RTE_N_SPB	Dual Playback for RADAR/INMS, -00:05 to +00:05
2010-189T10:09:00	2010-189T10:49:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2010-189T10:49:00	2010-189T12:49:00	CAPS		DFPW Normal	S_N_ER_3	
2010-189T12:49:00	2010-190T00:29:00	CIRS		DFPW Normal	S_N_ER_3	ISS rider
2010-190T00:29:00	2010-190T01:09:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_X to 302.0/87.0	DFPW Normal	S_N_ER_3	Secondary Pointing is CDA preference
2010-190T01:09:00	2010-190T10:09:00	Canberra 34M		DFPW Normal	S_N_ER_3	Rolling/SRU