

124TI T65

C/A Altitude = 1073 km

Delivered: June 18, 2009

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2010-012T08:14:00	2010-012T08:54:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2010-012T08:54:00	C/A - 14:02:56	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A - 14:02:56	-13:00	CIRS	Template M4	DFPW Normal	S_N_ER_3	
-13:00	-09:00	VIMS	Template O	DFPW Normal	S_N_ER_3	
-09:00	-05:10	CIRS	Template R	DFPW Normal, then RADWU at -05:15	S_N_ER_3, then S_N_ER_5A at -05:15	
-05:10	-02:15	CIRS	Template T	RADWU	S_N_ER_5A, then S_N_ER_3 at -05:00	
-02:15	-02:14	RWA to RCS Transition		RADWU	S_N_ER_3	set deadband to (2, 2, 20 mrad)
		Begin Custom Period				
-02:14	-00:23	CAPS	NEG_X to Dustram, NEG_Z to Titan Transition to Secondary of NEG_Z to NTP before -00:30	RADRCs	S_N_ER_3	
-00:23	0	INMS	NEG_X to Titan SC_RAM, NEG_Z to Titan at RADAR attitude for C/A	RADRCs	S_N_ER_8	RADAR is doing the turn design, will turn from CAPS attitude.
2010-012T23:11:56		CLOSEST APPROACH	NEG_X to RAM, NEG_Z to Titan			
0	+00:16	RADAR	SAR of Ontario Lacus	RADRCs	S_N_ER_8	RADAR does the turn to CAPS attitude.
+00:16	+01:36	CAPS	Transition to Secondary of NEG_Z to NTP after +00:30	ORSRCs	S_N_ER_3	
+01:36	+02:00	RCS to RWA Transition		DFPW Normal	S_N_ER_3	set deadband to (2, 2, 2 mrad) through the transition, CAPS continues their observation through the transition.
+02:00	+05:00	CIRS	Template E	DFPW Normal	S_N_ER_3	CIRS turns from the CAPS attitude.
		End Custom Period				
+05:00	+09:00	CIRS	Template F	DFPW Normal	S_N_ER_3	
+09:00	+14:00	CIRS	Template C	DFPW Normal	S_N_ER_3	
+14:00	C/A + 23:00	CIRS	Template A(Z)	DFPW Normal	S_N_ER_3	
C/A + 23:00	2010-013T22:34:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2010-013T22:34:00	2010-013T23:14:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to 263.9/-4.0	DFPW Normal	S_N_ER_3	
2010-013T23:14:00	2010-014T08:14:00	Madrid 34M		DFPW Normal	RTE_N_SPB	
2010-014T08:14:00	2010-014T08:54:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2010-014T08:54:00	2010-014T14:00:00	ISS		DFPW Normal	S_N_ER_3	
2010-014T14:00:00	2010-014T16:00:00	CAPS	Magnetosphere Boundary Pointing Campaign	DFPW Normal	S_N_ER_3	
2010-014T16:00:00	2010-014T22:34:00	ISS		DFPW Normal	S_N_ER_3	
2010-014T22:34:00	2010-014T23:14:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to 263.9/-4.0	DFPW Normal	S_N_ER_3	
2010-014T23:14:00	2010-015T08:14:00	Madrid 70M		DFPW Normal	RTE_N_SPB	Rolling/SRU