

**200TI T97**

C/A Altitude = 1400 km

Delivered: May 24, 2013

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2013-365T01:48:00	2013-365T02:28:00	SP Turn to Waypoint	NEG_Y to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
2013-365T02:28:00	2013-365T06:28:00	ISS	ISS mosaic at first, then sit and stare for CIRS (TN2c, TN2d)	RADWU	S_N_ER_5A for 15 min, then S_N_ER_3	
2013-365T06:28:00	2013-365T10:38:00	ISS	ISS mosaic at first, then sit and stare for CIRS (TN2c, TN2d)	RADWU	S_N_ER_3	
2013-365T10:38:00	2013-365T11:38:00	ISS	ISS mosaic (TC1a)	RADWU	S_N_ER_3	
2013-365T11:38:00	2013-365T13:38:00	RADAR	Radiometry Calibration (TN2c)	RADWU	S_N_ER_8	
2013-365T13:38:00	2013-365T14:38:00	ISS	ISS mosaic (TC1a)	DFPW Normal	S_N_ER_3	
2013-365T14:38:00	2013-365T15:18:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to 139.0/4.0	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
2013-365T15:18:00	2013-365T16:48:00	Y-Bias Window		DFPW Normal	S_N_ER_3	
2013-365T16:48:00	2014-001T01:48:00	Canberra 70M		DFPW Normal	RTE_N_SPB	
2014-001T01:48:00	2014-001T02:28:00	SP Turn to Waypoint	NEG_Y to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
2014-001T02:28:00	C/A-19:16:41	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A-19:16:41	-14:00	CIRS	Template A3 (TC1b)	DFPW Normal	S_N_ER_3	ISS rider
-14:00	-12:00	ISS	Template D2 (TC1a, TC1b, TN1a, TN2c - could also use TN1c for limb haze layer, depending on geometry if along limb, or TN2d, depending on timing.)	DFPW Normal	S_N_ER_3	
-12:00	-09:00	CIRS	Template D2 (TN1c)	DFPW Normal	S_N_ER_3	
-09:00	-02:15	UVIS	Template X (TN1c. ISS ridealong is photon WAC: TN1c and TC1a)	DFPW Normal	S_N_ER_3	
		Begin Custom Period				
-02:15	0	VIMS	(TN1a)	DFPW Normal	S_N_ER_3	
2014-001T21:59:41		CLOSEST APPROACH	NEG_Y to Titan (TC2a)			dunes RSS LGA Flyby Candidate
0	+00:30	VIMS	VIMS hands off at CIRS attitude	DFPW Normal	S_N_ER_3	Waypoint bad from -00:06:41 thru +00:45:30
+00:30	+02:15	CIRS	Far-IR Limb Observation (TC1b, TN1c)	DFPW Normal	S_N_ER_3	Far-IR Limb at low latitude (24S, 6N)
		End Custom Period				
+02:15	+09:00	UVIS	Template X (TN1c. ISS ridealong is photon WAC: TN1c and TC1a)	DFPW Normal	S_N_ER_3	
+09:00	+09:22	SP Turn to Waypoint	SP turn to CIRS-chosen attitude: NEG_Y to Titan, POS_Z to NTP	DFPW Normal	S_N_ER_3	
+09:22	+13:00	CIRS	Template N1 (TC1b, TN1c aerosol)	DFPW Normal	S_N_ER_3	
+13:00	C/A+16:23:19	CIRS	Template M4 (TC1b, TN1c on outbound)	DFPW Normal	S_N_ER_3	
C/A+16:23:19	2014-002T14:38:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2014-002T14:38:00	2014-002T15:18:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to 295.0/54.0	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
2014-002T15:18:00	2014-002T16:48:00	Y-Bias Window		DFPW Normal	S_N_ER_3	
2014-002T16:48:00	2014-003T02:48:00	Canberra 70M		DFPW Normal	RTE_N_SPB	
2014-003T02:48:00	2014-003T05:48:00	Madrid 70M		DFPW Normal	RTE_N_SPB	Dual playback for VIMS, -00:30 to +00:30