

**185TI T90**

C/A Altitude = 1400 km

Delivered: September 24, 2012

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2013-095T05:01:00	2013-095T05:41:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to NTP	DFPW Normal	S_N_ER_3	
2013-095T05:41:00	C/A-15:47:31	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
		Begin Custom Period				
C/A-15:47:31	-13:00	CIRS	Template M3 (TC1b)	DFPW Normal	S_N_ER_3	ISS rider
-13:00	-09:00	CIRS	Template N1 (TC1b, TN1c aerosol)	DFPW Normal	S_N_ER_3	
-09:00	-05:00	CIRS	Template R (TN1c or TC1b, decided in implementation)	DFPW Normal	S_N_ER_3	
-05:00	-02:15	CIRS	(TN2c, surface temperature)	DFPW Normal	S_N_ER_3	
-02:15	-00:15	CIRS	Far-IR Limb observation (TN1c), CIRS hands off to VIMS attitude	DFPW Normal	S_N_ER_3	Targeting 40S, 14N; best southern hemisphere opportunity between T82 and T100
-00:15	0	VIMS	(TC1a, TN1a)	DFPW Normal	S_N_ER_3	Tui + Xanadu high-resolution + South "NT2" (VIMS New Terrain Region #2: 60S-60N/240-300W), 25 km/pixel
2013-095T21:43:31		<b>CLOSEST APPROACH</b>	<b>NEG_Y to Titan, on RWA control (TC2a)</b>			
0	+02:15	VIMS	(TC1a, TN1a)	DFPW Normal	S_N_ER_3	
+02:15	+05:00	VIMS	Template Y (TC1a, TN1a depending on pointing, and TN2c)	DFPW Normal	S_N_ER_3	
+05:00	+09:00	VIMS	Template I (TC1a, TN2c)	DFPW Normal	S_N_ER_3	ISS rider
		End Custom Period				
+09:00	+14:00	CIRS	Template C (TN1c)	DFPW Normal	S_N_ER_3	VIMS rider
+14:00	C/A+19:52:29	CIRS	Template A3 (TC1b)	DFPW Normal	S_N_ER_3	ISS rider
C/A+19:52:29	2013-096T17:51:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2013-096T17:51:00	2013-096T18:31:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to 114.0/-48.0	DFPW Normal	S_N_ER_3	Secondary pointing is MIMI preference
2013-096T18:31:00	2013-096T20:01:00	Y-Bias Window		DFPW Normal	S_N_ER_3	
2013-096T20:01:00	2013-097T05:01:00	Madrid 70M		DFPW Normal	RTE_N_SPB	Rolling
2013-097T05:01:00	2013-097T07:01:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	Rolling, Dual playback for VIMS, -00:15 to +02:15