

203TI T100

C/A Altitude = 963 km

Delivered: September 17, 2013

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2014-096T19:45:00	2014-096T20:25:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to SUN	DFPW Normal	S_N_ER_3	
2014-096T20:25:00	C/A-17:01:15	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A-17:01:15	-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	VIMS rider
-09:00	-05:00	VIMS	Template I (TC1a, TN2c)	DFPW Normal	S_N_ER_3	ISS rider
-05:00	-02:15	VIMS	Template Y (TC1a, TN1a depending on pointing, and TN2c)	DFPW Normal	S_N_ER_3	
-02:15	-01:22	CIRS	Far-IR Limb Observation	DFPW Normal	S_N_ER_3	Far-IR Limb at 43S, 22S; best mid-mission south latitudes; compare with T101
		Begin Custom Period				
-01:22	-00:33	VIMS	Stellar Occultation: Alpha Scorpii, from -01:02 to -00:53	DFPW Normal	S_N_ER_3	
-00:33	-00:32	RWA to RCS Transition		ORSRCS	S_N_ER_3	Set deadband to (0.5, 2.0, 0.5 mrad)
-00:32	-00:12	VIMS	VIMS hands off to INMS attitude	ORSRCS	S_N_ER_3	
-00:12	0	INMS	on point at -00:15	ORSRCS	S_N_ER_3	INMS to look at CIRS heating
2014-097T13:41:14		CLOSEST APPROACH	NEG_X to Titan SC_RAM (TC2a)			
0	+00:09	INMS	INMS hands off to CIRS attitude	ORSRCS	S_N_ER_3	CIRS Heating: 10.6K VIMS Heating: 3.9K
+00:09	+01:15	CIRS		ORSRCS	S_N_ER_3	
+01:15	+01:37	RCS to RWA Transition		ORSRCS	S_N_ER_3	Set deadband to (2.0, 2.0, 20.0 mrad) through transition
+01:37	+02:15	CIRS		DFPW Normal	S_N_ER_3	
		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	+13:00	CIRS	Template N1 (TC1b, TN1c aerosol)	DFPW Normal	S_N_ER_3	
+13:00	C/A+21:23:45	CIRS	Template M4 (TC1b, TN1c on outbound)	DFPW Normal	S_N_ER_3	
C/A+21:23:45	2014-098T11:20:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2014-098T11:20:00	2014-098T12:00:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to 302.0/50.0	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
2014-098T12:00:00	2014-098T21:00:00	Canberra 70M		DFPW Normal	RTE_N_SPB	Rolling/SRU
2014-098T21:00:00	2014-098T23:15:00	Madrid 70M		DFPW Normal	RTE_N_SPB	Rolling/SRU, Dual playback for VIMS Occultation and INMS, -01:22 to +00:09