

**207TI T104**

C/A Altitude = 964 km

Delivered: February 06, 2014

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2014-232T10:21:00	2014-232T11:01:00	SP Turn to Waypoint	NEG_Y to Titan, POS_X to 316.0/13.6 (8.0, 0.0, 0.0 deg offset)	DFPW Normal	S_N_ER_3	Turn time: 41.8 minutes
2014-232T11:01:00	C/A-20:53:09	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A-20:53:09	-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	-06:00	VIMS	Template I1 (TC1a and TN2c)	RADWU	S_N_ER_5A for 15 min, then S_N_ER_3	ISS rider. RWA SLOW
-06:00	-02:15	RADAR	Template L (TN2c)	RADRWA	S_N_ER_8	ISS, VIMS sleep
-02:15	-01:12	RADAR Scatterometry/Radiometry	(TN2c, TN1a)	RADRWA	S_N_ER_8	
-01:12	-00:31	RADAR High-Altitude SAR	(TC1a, TN1a, TN1b, TN2b)	RADRWA	S_N_ER_8	
-00:31	-00:30	RWA to RCS Transition		RADRWA	S_N_ER_8	Set deadband to (0.5, 0.5, 2.0 mrad)
-00:30	-00:18	RADAR Altimetry	(TN2b)	RADRCS	S_N_ER_8	TURN ON Everyone
-00:18	0	INMS	(TC2a)	RADRCS	S_N_ER_8	
2014-233T08:09:09		CLOSEST APPROACH	NEG_X to Titan SC_RAM, NEG_Z to Titan (TC2a)			Priority change detection on Seas and empty lakes
0	+00:18	RADAR SAR	(TC1a, TN1a, TN1b, TN2b)	RADRCS	S_N_ER_8	
+00:18	+00:39	RADAR Altimetry	(TN2b)	RADRCS	S_N_ER_8	
+00:39	+01:00	RCS to RWA Transition		DFPW Normal	S_N_ER_3	Set deadband to (2.0, 2.0, 20.0 mrad)
+01:00	+02:15	VIMS	(TC1a, TN1a, TN1c, TC1b)	DFPW Normal	S_N_ER_3	ISS Collaborative rider
+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 Q (TN1a, specular reflection of lakes-depending on geometry)	DFPW Normal	S_N_ER_3	
+09:00	+12:00	CIRS	Template D2 reversed (TN1c)	DFPW Normal	S_N_ER_3	VIMS rider
+12:00	+14:00	ISS	Template D2 reversed (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	
+14:00	C/A+16:16:51	CIRS	Template M4 (TC1b, TN1c on outbound)	DFPW Normal	S_N_ER_3	
C/A+16:16:51	2014-234T00:41:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2014-234T00:41:00	2014-234T01:21:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to Saturn (0.0, 0.0, -9.5 deg offset)	DFPW Normal	S_N_ER_3	Secondary pointing is MIMI preference
2014-234T01:21:00	2014-234T11:21:00	Canberra 70M		DFPW Normal	RTE_N_SPB	
2014-234T11:21:00	2014-234T13:21:00	Madrid 70M		DFPW Normal	RTE_N_SPB	Dual playback for INMS/RADAR, -00:18 to +00:18