

205TI T102

C/A Altitude = 3659 km

Delivered: November 26, 2013

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2014-168T14:44:00	2014-168T15:24:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to NEP	DFPW Normal	S_N_ER_3	turn time 15.6 min
2014-168T15:24:00	C/A-21:49:25	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A-21:49:25	-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	-04:36	CIRS	Template F, modified (TC1b or TN1c)	DFPW Normal	S_N_ER_3	
-04:36	-04:35	RWA to RCS Transition		RSS2RCS	S_N_ER_3	Set deadband to (0.5, 0.5, 2.0 mrad)
-04:35	-04:25	SP Turn to Waypoint (RSS Attitude)	XBAND to EARTH, POS_Y to Saturn	RSS3RCS	S_N_ER_3	turn time 7.4 min
-04:25	-02:10	RSS Warm Up		RSS3RCS	S_N_ER_2	
-02:10	-00:13	RSS Bistatic	XBAND to EARTH (TN1a)	RSS3RCS	S_N_ER_2	
-00:13	0	RSS Occultation	RSS Occultation duration: -00:13 to +00:24 (TN2c, TN2d)	RSS3RCS	S_N_ER_2	
2014-169T13:28:25		CLOSEST APPROACH	XBAND to EARTH (TC2a)			LUB (Live Update Block)
0	+00:24	RSS Occultation	(TN2c, TN2d)	RSS3RCS	S_N_ER_2	
+00:24	+02:10	RSS Bistatic	(TN1a)	RSS3RCS	S_N_ER_2	
+02:10	+02:33	RCS to RWA Transition		DFPW Normal	S_N_ER_3	Set deadband to (2.0, 2.0, 2.0 mrad) through transition
+02:33	+03:03	SP Turn to Waypoint	NEG_Y to Titan, NEG_Z to NEP	DFPW Normal	S_N_ER_3	turn time 27 min
+03:03	+05:00	CIRS	Template T, modified (TN2c, surface temperature)	DFPW Normal	S_N_ER_3	
+05:00	+09:00	CIRS	Template R (TN1c or TC1b, decided in implementation)	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	C/A+15:05:35	ISS	Template D2 reversed (TN1c)	DFPW Normal	S_N_ER_3	
C/A+15:05:35	2014-170T04:49:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2014-170T04:49:00	2014-170T05:29:00	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, turn time 17.2 min
2014-170T05:29:00	2014-170T14:29:00	Canberra 70M		DFPW Normal	RTE_N_SPB	Rolling