

225TI T114

C/A Altitude = 11920 km

Delivered: April 03, 2015

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2015-316T05:59:00	2015-316T06:32:00	SP Turn to Waypoint	Part 1 of 2-part turn: NEG_Y to Titan, POS_X to 300/-50	DFPW Normal	S_N_ER_3	2-Part Turn is an update to the original timeline.
2015-316T06:32:00	2015-316T06:43:00	SP Turn to Waypoint	Part 2 of 2-part turn: NEG_Y to Titan, NEG_X to NSP	DFPW Normal	S_N_ER_3	2-Part Turn is an update to the original timeline.
2015-316T06:39:00	C/A-22:52:32	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A-22:52:32	-14:00	CIRS	Template A2 (TC1b)	DFPW Normal	S_N_ER_3	Collaborative rider(s): ISS
-14:00	-09:00	VIMS	Template V (TC1a, TC1b)	DFPW Normal	S_N_ER_3	Collaborative rider(s): ISS
-09:00	-05:00	CIRS	Template F (TC1b or TN1c)	DFPW Normal	S_N_ER_3	
-05:00	-02:15	VIMS	Template Y (TC1a, TN1a depending on pointing, and TN2c)	DFPW Normal	S_N_ER_3	
-02:15	0	ISS	(TN1a)	DFPW Normal	S_N_ER_3	Leading hemisphere: Hotei, Xanadu; C/A ~12,000 km
2015-317T05:46:32		CLOSEST APPROACH	NEG_Y to Titan (TC2a)			Waypoint to use CIRS-preferred secondary if possible.
0	+00:15	ISS	ISS hands off at waypoint	DFPW Normal	S_N_ER_3	
+00:15	+00:45	CIRS	Far-IR Limb Observation (TN1c)	DFPW Normal	S_N_ER_3	Far-IR Limb at 65N, 86S; distant
+00:45	+01:15	CIRS	(TN1c)	DFPW Normal	S_N_ER_3	
+01:15	+02:15	CIRS	(TN1c)	DFPW Normal	S_N_ER_3	
+02:15	+09:00	UVIS	Template X (TN1c, ISS ridealong is photon WAC: TN1c and TC1a)	DFPW Normal	S_N_ER_3	
+09:00	C/A+10:47:28	VIMS	Template O (TN1a, specular reflection of lakes depending on geometry)	DFPW Normal	S_N_ER_3	
C/A+10:47:28	2015-317T16:49:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2015-317T16:49:00	2015-317T17:29:00	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
2015-317T17:29:00	2015-317T18:59:00	Y-Bias Window	XBAND to Earth, NEG_Y to Saturn (0.0, 0.0, -9.5 deg offset)	DFPW Normal	S_N_ER_3	
2015-317T18:59:00	2015-318T07:29:00	Canberra 70M	XBAND to Earth, Rolling	DFPW Normal	RTE_N_SPB	Rolling