

**231TI T116**

C/A Altitude = 1400 km

Delivered: June 05, 2015

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2016-031T11:02:00	2016-031T11:42:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to NTP	DFPW Normal	S_N_ER_3	
2016-031T11:42:00	C/A-13:04:26	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A-13:04:26	-09:00	CIRS	Template C extended (TN1c)	DFPW Normal	S_N_ER_3	
-09:00	-05:00	CIRS	Template F (TC1b or TN1c)	DFPW Normal	S_N_ER_3	
-05:00	-02:30	CIRS	Template E (TN2c, surface temperature)	DFPW Normal	S_N_ER_3	
-02:30	-01:12	CIRS		DFPW Normal	S_N_ER_3	
-01:12	0	UVIS Solar Occultation	Solar Occultation from 01:03:37 to 01:29:08 (TN1c)	DFPW Normal	S_N_ER_3	
2016-032T01:01:26		<b>CLOSEST APPROACH</b>	<b>UVIS Solar Port to Sun (TC2a)</b>			
0	+00:28	UVIS Solar Occultation	Solar Occultation from 01:03:37 to 01:29:08 (TN1c)	DFPW Normal	S_N_ER_3	
+00:28	+02:05	UVIS Stellar Occultation	Simultaneous Stellar Occultations: Epsilon Orionis: 032T01:17:03 - 02:07:17 Zeta Orionis: 032T01:19:09 - 02:02:34 (TN1c)	DFPW Normal	S_N_ER_3	Simultaneous Occultations with Epsilon and Zeta Orionis.
+02:05	+03:20	ISS	(TC1a, TC1b)	DFPW Normal	S_N_ER_3	
+03:20	+05:00	UVIS	(TN1c or TN2d)	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	C/A+13:03:34	CIRS	Template N1 (TC1b, TN1c aerosol)	DFPW Normal	S_N_ER_3	
C/A+13:03:34	2016-032T14:20:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2016-032T14:20:00	2016-032T15:00:00	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
2016-032T15:00:00	2016-032T16:30:00	Y-Bias Window		DFPW Normal	S_N_ER_3	
2016-032T16:30:00	2016-033T03:03:00	Canberra 70M		DFPW Normal	RTE_N_SPB	
2016-033T03:03:00	2016-033T06:03:00	Madrid 34M HEF		DFPW Normal	RTE_N_SPB	Dual playback for UVIS Solar Occultation, -01:12 to +00:28