

**158TI T79**

C/A Altitude = 3586 km

Delivered: May 09, 2011

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2011-347T04:05:00	2011-347T04:05:00	Initial Waypoint	XBAND to Earth, POS_X to 193.0/81.0	DFPW Normal	S_N_ER_3	Use previous segment's downlink attitude as initial TOST waypoint
2011-347T04:05:00	C/A-15:51:24	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
		Begin Custom Period				
C/A-15:51:24	0	CIRS	Includes turn to observation attitude.	DFPW Normal	S_N_ER_3	Collaborative w/VIMS for Kraken Mare starting at ~-02:00. Does not need to be centered on Kraken Mare. CIRS needs exact timing of Kraken Mare observation from VIMS.
2011-347T20:11:24		<b>CLOSEST APPROACH</b>				
0	+08:20	VIMS	Mosaic of Adiri and Belet VIMS picks up at NEG_Y to Titan, NEG_X to NTP	DFPW Normal	S_N_ER_3	Collaborative with ISS
		End Custom Period				
+08:20	+09:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to NEP	DFPW Normal	S_N_ER_3	
+09:00	+14:00	VIMS	Template V (TC1a, TC1b)	DFPW Normal	S_N_ER_3	
+14:00	C/A+16:28:36	CIRS	Template A (TC1b)	DFPW Normal	S_N_ER_3	
C/A+16:28:36	2011-348T12:55:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2011-348T12:55:00	2011-348T13:35:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_X to 295.0/-5.0	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
2011-348T13:35:00	2011-348T15:05:00	Y-Bias Window		DFPW Normal	S_N_ER_3	
2011-348T15:05:00	2011-349T02:35:00	Canberra 70M		DFPW Normal	RTE_N_SPB	Rolling
2011-349T02:35:00	2011-349T03:15:00	SP Turn to Waypoint	CIRS_FPFB to Titan, POS_Z to NTP	DFPW Normal	S_N_ER_3	
2011-349T03:15:00	2011-349T06:15:00	ISS	(TC1a)	DFPW Normal	S_N_ER_3	
2011-349T06:15:00	2011-349T09:15:00	ISS	(TC1a)	DFPW Normal	S_N_ER_3	
2011-349T09:15:00	2011-349T12:15:00	ISS	(TC1a)	DFPW Normal	S_N_ER_3	
2011-349T12:15:00	2011-349T15:15:00	ISS	(TC1a)	DFPW Normal	S_N_ER_3	
2011-349T15:15:00	2011-349T18:15:00	ISS	(TC1a)	DFPW Normal	S_N_ER_3	
2011-349T18:15:00	2011-349T21:15:00	ISS	(TC1a)	RADWU	S_N_ER_5A for 15 min, then S_N_ER_3	
2011-349T21:15:00	2011-349T23:15:00	RADAR	(TN2c)	RADRWA	S_N_ER_8	3 hours warmup needed.
2011-349T23:15:00	2011-350T00:10:00	ISS	(TC1a)	DFPW Normal	S_N_ER_3	
2011-350T00:10:00	2011-350T00:50:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_X to 295.0/-5.0	DFPW Normal	S_N_ER_3	
2011-350T00:50:00	2011-350T02:20:00	Y-Bias Window		DFPW Normal	S_N_ER_3	
2011-350T02:20:00	2011-350T11:20:00	Madrid 70M		DFPW Normal	RTE_N_SPB	Rolling