

**169TI T85**

C/A Altitude = 1012 km

Delivered: December 22, 2011

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2012-205T20:38:00	2012-205T21:18:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to NTP	DFPW Normal	S_N_ER_3	Not RBOT friendly, but OK for RBOT process
2012-205T21:18:00	C/A-22:30:08	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A-22:30:08	-13:00	CIRS	Template M4 (TC1b)	DFPW Normal	S_N_ER_3	
-13:00	-09:00	CIRS	Template N1 (TC1b, TN1c aerosol)	DFPW Normal	S_N_ER_3	
-09:00	-05:00	VIMS	Template Q (TN1a)	DFPW Normal	S_N_ER_3	
-05:00	-02:30	VIMS	Template Y (TN1c)	DFPW Normal	S_N_ER_3	
		Begin Custom Period		DFPW Normal	S_N_ER_3	
-02:30	-00:45	CIRS	(TN1c)	DFPW Normal	S_N_ER_3	
-00:45	-00:44	RWA to RCS Transition	Engineering as Prime for 1 min, then CIRS can turn	ORSRCS	S_N_ER_3	Set deadband to (0.5, 2.0, 0.5 mrad)
-00:44	-00:10	CIRS	CIRS hands off to VIMS attitude	ORSRCS	S_N_ER_3	
-00:10	0	VIMS	(TC1a, TN1a)	ORSRCS	S_N_ER_3	
2012-206T20:03:08		<b>CLOSEST APPROACH</b>	<b>(TC2a)</b>	<b>ORSRCS</b>	<b>S_N_ER_3</b>	<b>Lakes C/A - Huygens Landing Site at 20 km/pixel - Selk Crater</b>
0	+00:45	VIMS	(TC1a, TN1a)	ORSRCS	S_N_ER_3	
+00:45	+01:07	RCS to RWA Transition		DFPW Normal	S_N_ER_3	Set deadband to (2.0, 2.0, 2.0 mrad) through transition
+01:07	+02:15	VIMS	(TC1a, TN1a)	DFPW Normal	S_N_ER_3	
		End Custom Period		DFPW Normal	S_N_ER_3	
+02:15	+05:00	CIRS	Template E (TN2c)	DFPW Normal	S_N_ER_3	
+05:00	+09:00	CIRS	Template F (TC1b or TN1c)	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+21:39:52	VIMS	Template B (TC1a)	DFPW Normal	S_N_ER_3	
C/A+21:39:52	2012-207T17:58:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2012-207T17:58:00	2012-207T18:38:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to Saturn (0.0, 0.0, -25.0 deg offset)	DFPW Normal	S_N_ER_3	Secondary pointing is MIMI preference with additional offset due to CIRS Heating
2012-207T18:38:00	2012-208T04:38:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	Rolling
2012-208T04:38:00	2012-208T06:38:00	Canberra 70M		DFPW Normal	RTE_N_SPB	Rolling, Dual playback for VIMS, -00:10 to +00:53