

132TI T69

C/A Altitude = 2044 km

Delivered: August 07, 2009

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2010-155T12:13:00	2010-155T12:53:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2010-155T12:53:00	C/A - 13:18:25	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A - 13:18:25	-09:18	VIMS	Template O	DFPW Normal	S_N_ER_3	
-09:18	-05:00	CIRS	Template R	RADWU	S_N_ER_5A for 15 minutes, then S_N_ER_3	
-05:00	-02:00	RADAR	Template L	RADRWA	S_N_ER_8	
-02:00	-00:15	RADAR	Radiometry, Scatterometry, High-Altitude SAR	RADRWA	S_N_ER_8	
-00:15	0	VIMS		DFPW Normal	S_N_ER_3	
2010-156T02:26:27		CLOSEST APPROACH	NEG_Y to Titan, NEG_X to SUN			
0	+02:00	VIMS		DFPW Normal	S_N_ER_3	
+02:00	+09:00	UVIS	Template X	DFPW Normal	S_N_ER_3	
+09:00	+12:00	CIRS	Template D2	DFPW Normal	S_N_ER_3	
+12:00	+14:00	ISS	Template D2	DFPW Normal	S_N_ER_3	
+14:00	C/A + 16:06:35	VIMS	Template B(Z)	DFPW Normal	S_N_ER_3	
C/A + 16:06:35	2010-156T18:48:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2010-156T18:48:00	2010-156T19:28:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2010-156T19:28:00	2010-156T20:58:00	Y-Bias Window		DFPW Normal	S_N_ER_3	
2010-156T20:58:00	2010-157T02:43:00	Goldstone 34M HEF		RSSK	RTE_N_SPB	
2010-157T02:43:00	2010-157T06:48:00	Canberra 70M		RSSK	RTE_N_SPB	
2010-157T06:48:00	2010-157T07:28:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2010-157T07:28:00	2010-157T12:00:00	ISS	Cloud Monitoring	DFPW Normal	S_N_ER_3	
2010-157T12:00:00	2010-157T14:00:00	CAPS	MAPS Survey	DFPW Normal	S_N_ER_3	
2010-157T14:00:00	2010-157T18:48:00	ISS	Cloud Monitoring	DFPW Normal	S_N_ER_3	
2010-157T18:48:00	2010-157T19:28:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2010-157T19:28:00	2010-157T20:58:00	Y-Bias Window		DFPW Normal	S_N_ER_3	CAPS science takes this time if Bias Window not needed
2010-157T20:58:00	2010-158T03:28:00	Goldstone 34M HEF		RSS2	RTE_N_SPB	
2010-158T03:28:00	2010-158T06:48:00	Canberra 70M		RSS2	RTE_N_SPB	
2010-158T06:48:00	2010-158T07:28:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	DFPW Normal, then RADWU during last 15 minutes of turn (beginning at 07:13:00)	S_N_ER_3 until 07:13:00, then S_N_ER_5A	
2010-158T07:28:00	2010-158T12:00:00	ISS	Cloud Monitoring	RADWU	S_N_ER_3	
2010-158T12:00:00	2010-158T14:00:00	CAPS	MAPS Survey	RADWU	S_N_ER_3	
2010-158T14:00:00	2010-158T15:30:00	RADAR		RADWU	S_N_ER_8	Can be moved later if ISS wishes
2010-158T15:30:00	2010-158T20:03:00	ISS	Cloud Monitoring	DFPW Normal	S_N_ER_3	
2010-158T20:03:00	2010-158T20:43:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to 268.53/-4.91	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
2010-158T20:43:00	2010-159T05:43:00	Goldstone 34M BWG		DFPW TCM (DFPW Normal for last 2 minutes)	RTE_N_SPB	Rolling for 1st 4 hours of downlink