

055TI_T40

C/A Altitude = 1010 km

Delivered: August 13, 2007

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2008-005T05:48:00	2008-005T06:18:00	SP Turn to Tethys	ISS_NAC to Tethys, POS_Z to NSP	DFPW Normal	S_N_ER_3	
2008-005T06:18:00	2008-005T07:18:00	ISS	Out-of-Discipline: Tethys	DFPW Normal	S_N_ER_3	
2008-005T07:18:00	2008-005T07:48:00	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2008-005T07:48:00	2008-005T08:07:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-13:23	-10:00	CIRS	Template N (modified), pointing uses FP1 Body Vector	DFPW Normal	S_N_ER_3	
-10:00	-09:00	ISS	Template N, Photometry	DFPW Normal	S_N_ER_3	
-09:00	-05:00	UVIS	Template P, EUVFUV	DFPW Normal	S_N_ER_3	
-05:00	-03:00	UVIS	Template U, EUVFUV	DFPW Normal	S_N_ER_3	
-03:00	-02:00	ISS	Template U	DFPW Normal	S_N_ER_3	
		Begin Custom Period				
-02:00	-01:05	CIRS	CIRS hands off at UVIS Occultation Attitude	DFPW Normal	S_N_ER_3	
-01:05	-00:44	RWA to RCS Transition		ORSRCS	S_N_ER_3	set deadband to (2, 2, 20 mrad)
-00:44	-00:28	UVIS	Stellar Occultation: Alpha Lyra	ORSRCS	S_N_ER_2	
		End Custom Period				
-00:28	-00:23	SP Turn to VIMS Occultation Attitude	NEG_Y to 213.915/19.1825, NEG_Z to NTP	ORSRCS	S_N_ER_2	
-00:23	-00:08	VIMS	Stellar Occultation: Alpha Boötis	ORSRCS	S_N_ER_2	
-00:08	-00:05	SP Turn to INMS Attitude	NEG_X to SC_RAM, NEG_Y to Titan	ORSRCS	S_N_ER_2	
-00:05	+00:10	INMS		ORSRCS	S_N_ER_2	
2008-005T21:30:20		CLOSEST APPROACH				
+00:10	+00:17	SP Turn to VIMS Attitude	VIMS_IR to Titan Lat/Long (-10, 162), NEG_X to Sun	ORSRCS	S_N_ER_2	
+00:17	+00:36	VIMS	Huygens Landing Site imaging	ORSRCS	S_N_ER_2	
+00:36	+00:57:05	RCS to RWA Transition		DFPW Normal	S_N_ER_3	Opmode Transition duration = 00:21:05
+00:57:05	+01:12:05	SP Turn to ORS Attitude	ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
+01:12:05	+02:00	VIMS	High Resolution Imaging, begin at VIMS attitude	DFPW Normal	S_N_ER_3	
+02:00	+04:00	ISS	Template J, Regional Map	DFPW Normal	S_N_ER_3	
+04:00	+05:00	CIRS	Template J	DFPW Normal	S_N_ER_3	
+05:00	+07:00	VIMS	Template I, Regional Map	DFPW Normal	S_N_ER_3	
+07:00	+08:40	ISS	Template I	DFPW Normal	S_N_ER_3	
+08:40	+09:00	ISS	Template I	DFPW Normal	S_N_ER_3	
+09:00	+14:00	CIRS	Template C	DFPW Normal	S_N_ER_3	
+14:00	+1T00:14	CIRS	Template A	DFPW Normal	S_N_ER_3	
2008-006T21:41:00	2008-006T21:56:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2008-006T21:56:00	2008-006T22:26:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2008-006T22:26:00	2008-007T07:26:00	Madrid 70M		DFPW Normal	RTE_N_SPB	Rolling for 1st 6 hours of downlink