

**024TI\_T14**

C/A Altitude = 1879 km

Delivered: December 02, 2005

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2006-139T19:56:00	2006-139T20:26:00	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2006-139T20:26:00	2006-139T20:41:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-15:30	-09:00	CIRS	Long Integration using FP1 body vector; 60 deg. emission angle; co-aligned ORS boresights on Titan, may choose orientation to optimize pointing	DFPW Normal	S_N_ER_3	
-09:00	-07:30	CIRS	Limb observation for vertical profile of trace hydrocarbons.	DFPW Normal	S_N_ER_3	
-07:30	-03:22	UVIS	Limb-to-limb slow scan	DFPW Normal	S_N_ER_3	
-03:22	-03:00	RWA to RCS Transition		ORSRCS	S_N_ER_3	set deadband to (0.5, 0.5, 0.5 mrad)
-03:00	-02:30	UVIS		RSS3RCS	S_N_ER_3	
		Begin Custom Period				
-02:30	-01:05	CIRS	Limb Integration, using FP1 body vector	RSS3RCS	S_N_ER_3	
-01:05	-00:55	RSS Turn	Pick up at CIRS LAT_VIEW; secondary POS_Y to NSP	RSS3RCS	S_N_ER_3	
-00:55	+00:55	RSS	Bistatic (Ingress) / Occultation (-15:02) / Bistatic (Egress)	RSS3RCS	S_N_ER_2	set deadband to (0.5, 0.5, 20 mrad) at -00:55
<b>2006-140T12:18:12</b>		<b>CLOSEST APPROACH</b>				
+00:55	+01:03	RSS Turn	Leave at CIRS LAT_VIEW: ISS_NAC to Titan, NEG_X to Sun	RSS3RCS	S_N_ER_3	
+01:03	+01:27	RCS to RWA Transition		DFPW Normal	S_N_ER_3	
+01:27	+02:15	CIRS	Far-IR Limb integration	DFPW Normal	S_N_ER_3	
		End Custom Period				
+02:15	+10:00	CIRS	Limb integration followed by nadir temperature map; meteorology campaign	DFPW Normal	S_N_ER_3	
+10:00	+13:00	CDA	Eccentricity Scan	DFPW Normal	S_N_ER_3	CDA can not heat CIRS
+13:00	+15:00	CIRS		DFPW Normal	S_N_ER_3	
+15:00	+18:00	CDA	Eccentricity Scan	DFPW Normal	S_N_ER_3	CDA can not heat CIRS
+18:00	+20:58	CIRS		DFPW Normal	S_N_ER_3	
2006-141T09:11:00	2006-141T09:26:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2006-141T09:26:00	2006-141T09:56:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2006-141T09:56:00	2006-141T19:56:00	Madrid 70M/34M Array		DFPW Normal	RTE_N_SPB	NON-ROLLING agreement