

003TI_T3

C/A Altitude = 1577 km

Delivered: January 28, 2005

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2005-045T09:07:00	2005-045T09:39:00	SP Turn to Waypoint	ISS_NAC to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
2005-045T09:39:00	2005-045T09:54:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-21:00	-12:00	CIRS	Mid-IR Nadir Temperature Map	DFPW Normal	S_N_ER_3	sit and stare for 15 minutes at the beginning
-12:00	-11:00	ISS	Monitor of Surface/Atmosphere	DFPW Normal	S_N_ER_3	
-11:00	-07:00	CIRS	Mid-IR Limb Observation	DFPW Normal	S_N_ER_3	
-07:00	-05:00	ISS	Global Map, Low Phase	DFPW Normal	S_N_ER_3	
		Begin Custom Period				
-05:00	-04:30	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal, then RADWU at -04:45	S_N_ER_3, then S_N_ER_5A at -04:45	Secondary axis MAPS-preferred
-04:30	-01:30	Goldstone 70M		RADWU	RTE_N_SPB	
-01:30	-01:09	ISS Turn to ISS Attitude		RADWU	S_N_ER_3	Turn time 18:36
-01:09	-00:59	ISS	NAC High Resolution Imaging	RADWU	S_N_ER_3	
-00:59	-00:38	RWA to RCS Transition		RADRCS	S_N_ER_3	set deadband to (2, 2, 20 mrad)
-00:38	-00:30	RADAR Turn to RADAR Attitude	RADAR to pick up at ISS Attitude, and turn to NEG_Z to Titan	RADRCS	S_N_ER_8	
-00:30	-00:16	RADAR	Inbound Altimetry	RADRCS	S_N_ER_8	
-00:16	+00:16	RADAR	SAR	RADRCS	S_N_ER_8	
2005-046T06:58:50		CLOSEST APPROACH				
+00:16	+00:31	RADAR	Outbound Altimetry	RADRCS	S_N_ER_8	
+00:31	+01:02	RADAR	Scatterometry	RADRCS	S_N_ER_8	
+01:02	+01:10	RADAR Turn to ORS Waypoint	ISS_NAC to Titan, POS_X to NTP	RADRCS	S_N_ER_8	
		End Custom Period				
+01:10	+01:33	RCS to RWA Transition		DFPW Normal	S_N_ER_3	
+01:33	+05:00	UVIS	EUVFUV	DFPW Normal	S_N_ER_3	
+05:00	+08:00	ISS	WAC Nightside Imaging	DFPW Normal	S_N_ER_3	
+08:00	+12:00	CIRS	Far-IR Nadir Compositional Scan	DFPW Normal	S_N_ER_3	
+12:00	+16:20	CIRS	Mid-IR Nadir Temperature Map	DFPW Normal	S_N_ER_3	
2005-046T23:14:00	2005-046T23:29:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2005-046T23:29:00	2005-046T23:59:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2005-046T23:59:00	2005-047T08:59:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	