

037TI T23

C/A Altitude = 950 km

Delivered: May 14, 2003

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2007-012T13:34:00	2007-012T14:04:00	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2007-012T14:04:00	2007-012T14:19:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-18:15	-16:00	CIRS	Template M (truncated), Mid-IR Temperature Map	DFPW Normal	S_N_ER_3	
-16:00	-15:00	ISS	Template M	DFPW Normal	S_N_ER_3	
-15:00	-13:00	CIRS	Template M	DFPW Normal	S_N_ER_3	
-13:00	-10:00	CIRS	Template N, 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	CIRS	Template R, Mid-IR Limb	DFPW Normal, then RADWU at -08:00	S_N_ER_3, then S_N_ER_5A at -08:00	
		Begin Custom Period				
-05:00	-01:15	RADAR Radiometry	Template S, Inbound	RADRWA	S_N_ER_8	
-01:15	-00:52	RADAR Scatterometry	Inbound	RADRWA	S_N_ER_8	
-00:52	-00:30	RWA to RCS Transition	Inbound	RADRCS	S_N_ER_8	set deadband to (2, 2, 20 mrad)
-00:30	-00:15	RADAR Altimetry	Inbound	RADRCS	S_N_ER_8	
-00:15	-00:07	RADAR Low-Resolution SAR	Inbound	RADRCS	S_N_ER_8	
-00:07	+00:07	RADAR High-Resolution SAR	C/A	RADRCS	S_N_ER_8	
2007-013T08:34:00		CLOSEST APPROACH				
+00:07	+00:15	RADAR Low-Resolution SAR	Outbound	RADRCS	S_N_ER_8	
+00:15	+00:30	RADAR Altimetry	Outbound	RADRCS	S_N_ER_8	
+00:30	+00:54	RADAR Scatterometry	Outbound	RADRCS	S_N_ER_8	
+00:54	+01:04	RADAR Turn to UVIS Attitude (Occultation)	NEG_Y to 206.8850/49.313, NEG_Z to NTP	RADRCS	S_N_ER_8	
+01:04	+01:28	RCS to RWA Transition		RADRWA	S_N_ER_3	Transition at start of Occultation observation
+01:04	+01:41	UVIS Occultation	Occultation with Eta UMa	RADRCS	S_N_ER_3	RCS to RWA transition during observation
+01:41	+02:00	RADAR Turn to RADAR Attitude (radiometry)		RADRCS	S_N_ER_8	
+02:00	+05:00	RADAR Radiometry	Template L, Outbound, RADAR hand off to ORS Waypoint	RADRWA	S_N_ER_8	
		End Custom Period				
+05:00	+08:00	ISS	Template H, Regional Map	DFPW Normal	S_N_ER_3	
+08:00	+09:00	ISS	Template H, Wide Angle	DFPW Normal	S_N_ER_3	
+09:00	+11:00	CIRS	Template D (updated), pointing uses FP1 Body Vector	DFPW Normal	S_N_ER_3	
+11:00	+13:00	ISS	Template D (updated), Mosaic	DFPW Normal	S_N_ER_3	
+13:00	+14:00	VIMS	Template D (updated), Stare	DFPW Normal	S_N_ER_3	
2007-013T22:34:00	2007-013T22:49:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2007-013T22:49:00	2007-014T04:04:00	UVIS	Ring Impact	DFPW Normal	S_N_ER_3	
2007-014T04:04:00	2007-014T04:34:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_X to NEP	DFPW Normal	S_N_ER_3	
2007-014T04:34:00	2007-014T13:34:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	Rolling/SRU