

043TI\_T29

C/A Altitude = 950 km

Delivered: March 30, 2004

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2007-116T06:01:00	2007-116T06:31:00	SP Turn to Waypoint	ISS_NAC to Titan, POS_X to NTP	DFPW Normal	S_N_ER_3	
2007-116T06:31:00	2007-116T06:46:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-14:46	-13:00	CIRS	Template M (modified), Mid-IR Temperature Map	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	VIMS	Template Q, Cloud Map	DFPW Normal	S_N_ER_3	
-05:00	-02:10	CIRS	Template T, Nadir	DFPW Normal, then RADWU at -04:50	S_N_ER_3, then S_N_ER_5A at -04:50, then S_N_ER_3 at -04:35	
-02:10	-01:50	SP Turn to RADAR Waypoint	NEG_Z to Titan, NEG_X to 270/-6	RADWU	S_N_ER_3	
-01:50	-01:15	RADAR	Radiometry	RADRWA	S_N_ER_8	
-01:15	-00:52	RADAR	Scatterometry	RADRWA	S_N_ER_8	
-00:52	-00:30	RWA to RCS Transition		RADRCS	S_N_ER_8	set deadband to (2 ,2, 20 mrad)
-00:30	-00:15	RADAR	Altimetry	RADRCS	S_N_ER_8	
-00:15	-00:07	RADAR	Low-Resolution SAR	RADRCS	S_N_ER_8	
-00:07	+00:07	RADAR	High-Resolution SAR	RADRCS	S_N_ER_8	
2007-116T21:32:52		<b>CLOSEST APPROACH</b>				
+00:07	+00:15	RADAR	Low-Resolution SAR	RADRCS	S_N_ER_8	
+00:15	+00:30	RADAR	Altimetry	RADRCS	S_N_ER_8	
+00:30	+00:54	RCS to RWA Transition		RADRWA	S_N_ER_8	
+00:54	+01:15	RADAR	Scatterometry	RADRWA	S_N_ER_8	
+01:15	+04:50	RADAR	Template L, Radiometry	RADRWA	S_N_ER_8	
+04:50	+05:10	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
+05:10	+08:00	VIMS	Template I, Regional Map	DFPW Normal	S_N_ER_3	
+08:00	+08:36	ISS	Template I, NAC Mosaic	DFPW Normal	S_N_ER_3	
+08:36	+09:00	ISS	Template I, WAC Photometry	DFPW Normal	S_N_ER_3	
+09:00	+11:00	CIRS	Template D	DFPW Normal	S_N_ER_3	
+11:00	+13:00	ISS	Template D	DFPW Normal	S_N_ER_3	
+13:00	+14:00	VIMS	Template D	DFPW Normal	S_N_ER_3	
+14:00	+14:42	CIRS	Template A (modified), Mid-IR Temperature Map	DFPW Normal	S_N_ER_3	
2007-117T12:15:00	2007-117T12:30:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2007-117T12:30:00	2007-117T13:00:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2007-117T13:00:00	2007-117T22:33:00	Madrid 70M		DFPW Normal	RTE_N_SPB	Rolling for 1st 5 hours of downlink