

050TI_T36

C/A Altitude = 975 km

Delivered: May 22, 2007

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2007-274T12:51:00	2007-274T13:21:00	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2007-274T13:21:00	2007-274T13:31:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-15:12	-10:00	CIRS	Template N, pointing uses FP1 Body Vector	DFPW Normal, then RADWU at -10:15	S_N_ER_3, then S_N_ER_5A at -10:15 for 15 min	
-10:00	-09:00	ISS	Template N, Photometry	RADWU	S_N_ER_3	
-09:00	-05:11	UVIS	Template P, EUVFUV	RADWU	S_N_ER_3	
-05:11	-04:49	SP Turn to Waypoint	NEG_Z to Titan, POS_X to 205/-20	RADWU	S_N_ER_3	
		Begin Custom Period				
-04:49	-02:00	RADAR	Template S, Radiometry	RADRWA	S_N_ER_8	
-02:00	-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	+00:15	RADAR	SAR	RADRCS	S_N_ER_8	
2007-275T04:42:43		CLOSEST APPROACH				
+00:15	+00:30	RADAR	Altimetry	RADRCS	S_N_ER_8	
+00:30	+00:53	RCS to RWA Transition		RADRWA	S_N_ER_8	
+00:53	+02:00	RADAR	Scatterometry	RADRWA	S_N_ER_8	
+02:00	+04:50	RADAR	Template L, Radiometry	RADRWA	S_N_ER_8	
		End Custom Period				
+04:50	+05:10	SP Turn to Waypoint	NEG_Y 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	+09:00	ISS	Template I, pointing uses both NAC & WAC Body Vectors	DFPW Normal	S_N_ER_3	
+09:00	+11:00	CIRS	Template D, pointing uses FP1 Body Vector	DFPW Normal	S_N_ER_3	
+11:00	+13:00	ISS	Template D, Mosaic	DFPW Normal	S_N_ER_3	
+13:00	+14:00	VIMS	Template D, Regional Map	DFPW Normal	S_N_ER_3	
+14:00	+22:46	CIRS	Template A (modified)	DFPW Normal, then RSSKRWAF at 2007-276T02:12:00	S_N_ER_3	
2007-276T03:29:00	2007-276T03:51:00	OD Uncertainty Dead Time		RSSKRWAF	S_N_ER_3	
2007-276T03:51:00	2007-276T04:19:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	RSSKRWAF	S_N_ER_3	
2007-276T04:19:00	2007-276T14:19:00	Madrid 70M Array		RSSKRWAF	RTE_N_SPB	Rolling, DSN Maintenance from 06:37 - 14:37