

035TI_T21

C/A Altitude = 1000 km

Delivered: June 06, 2003

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2006-345T15:17:00	2006-345T15:47:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2006-345T15:47:00	2006-345T16:02:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-19:33	-15:30	CIRS		DFPW Normal	S_N_ER_3	
-15:30	-14:30	ISS		DFPW Normal	S_N_ER_3	
-14:30	-07:30	CIRS		DFPW Normal	S_N_ER_3	
-07:30	-02:30	UVIS		DFPW Normal, then RADWU at -02:45	S_N_ER_3 then S_N_ER_5A at -02:45	
-02:30	-01:10	ISS		RADWU	S_N_ER_3	
		Begin Custom Period				
-01:10	-00:44	UVIS Stellar Occultation	Occultation with Alpha Eri (RA/DEC = 24.428/-57.237)	RADWU	S_N_ER_3	
-00:44	-00:23	RWA to RCS Transition		RADRCS	S_N_ER_2	set deadband to (0.5, 2.0, 0.5 mrad); change deadband to (2, 2, 20 mrad) at -00:23
-0:23	-00:15	INMS Turn to INMS Attitude		RADRCS	S_N_ER_2	
-00:15	0	INMS	NEG_X to RAM, NEG_Z to Titan	RADRCS	S_N_ER_2, then S_N_ER_8 at -07:00	RADAR Rider
2006-346T11:41:31		CLOSEST APPROACH				
0	+00:07	RADAR High-Resolution SAR	NEG_Z to Titan, NEG_X to RAM	RADRCS	S_N_ER_8	
+00:07	+00:15	RADAR Low-Resolution SAR	NEG_Z to Titan, NEG_X to RAM	RADRCS	S_N_ER_8	
+00:15	+00:30	RADAR Altimetry	NEG_Z to Titan, POS_X to NTP	RADRCS	S_N_ER_8	
+00:30	+00:52	RCS to RWA Transition		RADRWA	S_N_ER_8	
+00:52	+01:35	RADAR Scatterometry	NEG_Z to Titan, POS_X to NTP	RADRWA	S_N_ER_8	
+01:35	+03:30	RADAR Radiometry	NEG_Z to Titan, POS_X to NTP	RADRWA	S_N_ER_8	
+03:30	+04:00	Radar Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	RADRWA	S_N_ER_8	
		End Custom Period				
+04:00	+07:00	ISS		DFPW Normal	S_N_ER_3	
+07:00	+09:00	CIRS		DFPW Normal	S_N_ER_3	
+09:00	+10:28	ISS		DFPW Normal	S_N_ER_3	
+10:28	+13:28	CIRS		DFPW Normal	S_N_ER_3	
2006-347T01:09:00	2006-347T01:15:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2006-347T01:15:00	2006-347T01:36:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_X to NEP	DFPW Normal	S_N_ER_3	
2006-347T01:36:00	2006-347T10:48:00	Madrid 70M		DFPW Normal	RTE_N_SPB	