

00BTI_TB

C/A Altitude = 1200 km

Delivered: October 14, 2004

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2004-345T06:06:00	2004-345T08:03:00	OPNAV	Includes Turn to Waypoint: ISS_NAC to Titan, NEG_X to Sun	DFPW_Normal	S_N_ER_5	Old segment start was 07:51
2004-345T08:03:00	2004-345T20:10:00	ISS	Titan Movie	DFPW_Normal	S_N_ER_3	
2004-345T20:10:00	2004-345T21:05:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW_Normal	S_N_ER_3	
2004-345T21:05:00	2004-346T06:35:00	Madrid 34M HEF		DFPW_TCM	RTE_N_SPB	OTM-7 backup; pass extended to 9.5 hrs to help data volume problem
2004-346T06:35:00	2004-346T08:03:00	OPNAV	Includes Turn to Waypoint: ISS_NAC to Titan, NEG_X to Sun	DFPW_Normal	S_N_ER_5	Shortened 30 min.
2004-346T08:03:00	2004-347T00:00:00	ISS	Titan Movie	DFPW_Normal	S_N_ER_3	
2004-347T00:00:00	2004-347T01:30:00	ISS	Ring Radial Color Scan	DFPW_Normal	S_N_ER_3	
2004-347T01:30:00	2004-347T04:36:00	OPNAV	Includes Turn to Earth: XBAND to Earth, POS_X to NEP	DFPW_Normal	S_N_ER_5	
2004-347T04:36:00	2004-347T13:36:00	Goldstone 70M		DFPW_Normal	RTE_N_SPB	
2004-347T13:36:00	2004-347T14:57:00	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	DFPW_Normal	S_N_ER_3	
2004-347T14:57:00	2004-347T15:12:00	OD Uncertainty Dead Time		DFPW_Normal	S_N_ER_3	
-20:25	-12:00	CIRS	Mid-IR Temperature Map	DFPW_Normal	S_N_ER_3	
-12:00	-08:00	CIRS	Far-IR Nadir Compositional Scan	DFPW_Normal	S_N_ER_3	
-08:00	-04:00	UVIS	EUVFUV	DFPW_Normal	S_N_ER_3	
-04:00	-02:00	ISS	Regional Map	DFPW_Normal	S_N_ER_3	
		Begin Custom Period				
-02:00	-00:30	ISS	High Resolution Imaging	DFPW_Normal	S_N_ER_3	
-00:30	-00:09	RWA to RCS Transition		DFPW_Normal	S_N_ER_3	set deadband to (0.5, 2.0, 0.5 mrad), ISS to observe through transition
-00:09	-00:01	UVIS Turn to UVIS Attitude	Pick up at ISS_NAC to Titan-Latitude/Longitude (27, 141), NEG_X to Sun	DFPW_Normal	S_N_ER_3	
2004-348T11:38:13		CLOSEST APPROACH				
-00:01	+00:27	UVIS Occultations	UVIS_FUV to 201.3/-11.2 Two Occultations: Alpha Vir, then Lambda Sco. Turn to 2nd occultation by +27min	DFPW_Normal	S_N_ER_3	
+00:27	+00:50	RCS to RWA Transition		DFPW_Normal	S_N_ER_3	UVIS to observe through transition
+00:50	+02:30	VIMS	Darkside Imaging Pickup at UVIS_FUV to 263.402/-37.104, NEG_X to Sun w/(0.1868, 30.0, 0.0 deg) offset	DFPW_Normal	S_N_ER_3	
+02:30	+05:00	UVIS	EUVFUV	DFPW_Normal	S_N_ER_3	
		End Custom Period				
+05:00	+07:00	CIRS	Mid-IR Limb Integration	DFPW_Normal	S_N_ER_3	
+07:00	+10:30	VIMS	Darkside Imaging	DFPW_Normal	S_N_ER_3	
2004-348T22:08:00	2004-348T22:23:00	OD Uncertainty Dead Time		DFPW_Normal	S_N_ER_3	
2004-348T22:23:00	2004-348T22:52:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW_Normal	S_N_ER_3	
2004-348T22:52:00	2004-349T07:52:00	Madrid 70M		DFPW_Normal	RTE_N_SPB	Rolling