

000TI_TO

C/A Altitude = 341500 km

Delivered: July 12, 2003

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2004-184T01:06:00	2004-184T01:36:00	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2004-184T01:36:00	2004-184T01:56:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-07:34	-06:00	ISS		DFPW Normal	S_N_ER_3	
-06:00	-04:38	CIRS		DFPW Normal	S_N_ER_3	
-04:38	-04:14	ISS		DFPW Normal	S_N_ER_3	
-04:14	-02:50	CIRS		DFPW Normal	S_N_ER_3	
-02:50	-02:26	ISS		DFPW Normal	S_N_ER_3	
-02:26	-01:00	CIRS		DFPW Normal	S_N_ER_3	
-01:00	-00:51	ISS	2x2 Mosaic	DFPW Normal	S_N_ER_3	
-00:51	0	VIMS	Titan Light Curve	DFPW Normal	S_N_ER_3	
2004-184T09:30:21.06		CLOSEST APPROACH				
0	+01:00	ISS	Titan Southern Pole	DFPW Normal	S_N_ER_3	Long dwell times
+01:00	+05:00	CIRS	Temperature Map	DFPW Normal	S_N_ER_3	Incorporate pauses in mosaic for ISS Rider
+05:00	+05:45	VIMS	Titan Light Curve	DFPW Normal	S_N_ER_3	
+05:45	+07:30	CIRS		DFPW Normal	S_N_ER_3	
2004-184T17:00:00	2004-184T17:20:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2004-184T17:20:00	2004-184T17:51:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_X to Saturn	DFPW Normal	S_N_ER_3	
2004-184T17:51:00	2004-184T20:21:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	Playback capacity for 2.5 hours of downlink = 862 Mbits.
2004-184T20:21:00	2004-184T21:45:00	OPNAV	Turn to targets, then turn to new waypoint (ISS_NAC to Saturn, NEG_X to Sun) for Rings orientation	DFPW Normal	S_N_ER_3	new waypoint for Rings, Partition 5 zeroed out, so OpNav data should be routed to Partition 4 by CDS
2004-184T21:45:00	2004-185T00:45:00	CIRS	Rngs Observations	DFPW Normal	S_N_ER_3	turn time to SP for new waypoint
2004-185T00:45:00	2004-185T01:00:00	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	turn time to SP for new waypoint
2004-185T01:00:00	2004-185T03:15:00	CIRS	Far-Infrared Map	DFPW Normal	S_N_ER_3	
2004-185T03:15:00	2004-185T04:00:00	VIMS	Titan Light Curve	DFPW Normal	S_N_ER_3	
2004-185T04:00:00	2004-185T10:00:00	CIRS	Far-Infrared Map	DFPW Normal	S_N_ER_3	
2004-185T10:00:00	2004-185T11:00:00	ISS	Titan	DFPW Normal	S_N_ER_3	
2004-185T11:00:00	2004-185T11:20:00	SP Turn to Waypoint	ISS_NAC to Iapetus, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2004-185T11:20:00	2004-185T12:30:00	ISS	Iapetus	DFPW Normal	S_N_ER_5	
2004-185T12:30:00	2004-185T14:06:00	OPNAV		DFPW Normal	S_N_ER_5	Partition 5 zeroed out, so OpNav data should be routed to Partition 4 by CDS
2004-185T14:06:00	2004-185T23:06:00	Goldstone 70M		DFPW-TCM	RTE_N_SPB	Adjusted to correctly line up with DSN pass