

108TI T52

C/A Altitude = 4150 km

Delivered: May 02, 2008

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2009-093T09:34:00	2009-093T10:14:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to 54.0/24.8	DFPW Normal	S_N_ER_3	
2009-093T10:14:00	C/A - 15:18:13	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A - 15:18:13	-13:30	CIRS	Template M2	DFPW Normal	S_N_ER_3	
-13:30	-13:00	ISS	Template M2	DFPW Normal	S_N_ER_3	
-13:00	-09:00	VIMS	Template O	DFPW Normal	S_N_ER_3	
-09:00	-06:20	VIMS	Template Q	RADWU	S_N_ER_5A for 15 min, then S_N_ER_3	
		Begin Custom Period				
-06:20	-05:50	RADAR Turn to RADAR attitude		RADROW	S_N_ER_8	
-05:50	-04:20	RADAR	Template L	RADROW	S_N_ER_8	
-04:20	-04:19	RWA to RCS Transition	RSS Bistatic + Occultation require RCS because of turn times	RADRCS	S_N_ER_8	set deadband to (0.5, 0.5, 0.5 mrad)
-04:19	-03:20	RADAR	Template L	RADRCS	S_N_ER_8	Turn on both Ka- and S-band at -03:20
-03:20	-01:20	UVIS Stellar Occultation	Stellar Occultation: Alpha Eridani	RSS3RCS	S_N_ER_3	Up to 3 minutes to be absorbed by UVIS if RSS turn is >5 minutes
-01:20	-00:22	RSS Bistatic		RSS3RCS	S_N_ER_2	
-00:22	0	RSS Occultation		RSS3RCS	S_N_ER_2	
2009-094T01:47:48		CLOSEST APPROACH				
0	+00:12	RSS Occultation		RSS3RCS	S_N_ER_2	Leave on Ka-band for RSS GSE (Gravity Science Enhancement) activity.
+00:12	+01:28	RSS Bistatic		RSS3RCS	S_N_ER_2	
		End Custom Period				
+01:28	+01:50	RCS to RWA Transition	VIMS pointing (waypoint is fine)	RSSK	S_N_ER_3	set deadband to (2.0, 2.0, 2.0 mrad) through the transition
+01:50	+03:30	CIRS	Template S2	RSSK	S_N_ER_3	
+03:30	+05:00	ISS	Template S2	RSSK	S_N_ER_3	
+05:00	+09:00	ISS	Template H	RSSK	S_N_ER_3	
+09:00	+12:00	CIRS	Template D2	RSSK	S_N_ER_3	
+12:00	+14:00	ISS	Template D2	RSSK	S_N_ER_3	
+14:00	C/A + 21:36:47	CIRS	Template A	RSSK	S_N_ER_3	
C/A + 21:36:47	2009-094T23:39:00	OD Uncertainty Dead Time		RSSK	S_N_ER_3	
2009-094T23:39:00	2009-095T00:19:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_X to NEP	RSSK	S_N_ER_3	
2009-095T00:19:00	2009-095T09:19:00	Goldstone 70M Array		RSSK_SLOW	RTE_N_SPB	RSS GSE; Ka-band on. CDA can articulate