

Request	Riders	Start (SCET)	Start (Epoch)	Duration	End (SCET)	Primary	Secondary	Comments
TOST REV 59 SEGMENT		2008-053T03:51:00		002T07:30:00	2008-055T11:21:00			
SP_059TI_WAYPTTURN053_PRIME		2008-053T03:51:00		000T00:30:00	2008-053T04:21:00	ISS_NAC TO TITAN	POS_X TO NORTH_POLE_DIR	10.62 MIN TURN FROM +X TO NEP
NEW WAYPOINT		2008-053T04:21:00		000T08:26:07	2008-053T12:47:07	ISS_NAC TO TITAN	POS_X TO NORTH_POLE_DIR	
SP_059TI_DEADTIME053_PRIME		2008-053T04:21:00		000T00:08:07	2008-053T04:29:07	ISS_NAC TO TITAN	POS_X TO NORTH_POLE_DIR	
CIRS_059TI_FIRNADCMP001_PRIME	C, I, R, V	2008-053T04:29:07	GMB_E059_TITAN41-000T13:03:00	000T03:03:00	2008-053T17:32:07	CIRS_FP1 TO TITAN	PIC	
ISS_059TI_PHOTOMWAC001_PRIME	C, R, V	2008-053T07:32:07	GMB_E059_TITAN41-000T10:00:00	000T01:00:00	2008-053T08:32:07	ISS_NAC TO TITAN	POS_X TO NORTH_POLE_DIR	
VIMS_059TI_MEDRESDRK001_PRIME	C, I, R	2008-053T08:32:07	GMB_E059_TITAN41-000T09:00:00	000T03:45:00	2008-053T12:17:07	ISS_NAC TO TITAN	POS_X TO NORTH_POLE_DIR	
SP_059TI_WAYPTTURN453_PRIME	R	2008-053T12:17:07	GMB_E059_TITAN41-000T05:15:00	000T00:30:00	2008-053T12:47:07	NEG_Z TO TITAN	NEG_X TO 30.0/42.0	20.24 MIN TURN
NEW WAYPOINT		2008-053T12:47:07		000T06:06:00	2008-053T18:53:07	NEG_Z TO TITAN	NEG_X TO 30.0/42.0	
RADAR_059TI_T41INRAD001_PRIME	M	2008-053T12:47:07	GMB_E059_TITAN41-000T04:45:00	000T03:15:00	2008-053T16:02:07	NEG_Z TO TITAN	POS_Y TO NORTH_POLE_DIR	USE +Y_NTP AND +X_NTP FOR THE TWO POLARIZATIONS.
RADAR_059TI_T41INSCAT001_PRIME	M	2008-053T16:02:07	GMB_E059_TITAN41-000T01:30:00	000T00:38:00	2008-053T16:40:07	NEG_Z TO TITAN	POS_X TO NORTH_POLE_DIR	
ENGR_059SC_RADRCS053_PRIME	M	2008-053T16:40:07	GMB_E059_TITAN41-000T00:52:00	000T00:01:00	2008-053T16:41:07	NEG_Z TO TITAN	PIC	(0.5,0.5,2.0)
RADAR_059TI_T41INALT001_PRIME	M	2008-053T16:41:07	GMB_E059_TITAN41-000T00:51:00	000T00:36:00	2008-053T17:17:07	NEG_Z TO TITAN	POS_X TO NORTH_POLE_DIR	
BEGIN HIGH VALUE SCIENCE		2008-053T17:09:07	GMB_E059_TITAN41-000T00:23:00	000T00:00:01	2008-053T17:09:08			
RADAR_059TI_T41INLSAR001_PRIME	M	2008-053T17:17:07	GMB_E059_TITAN41-000T00:15:00	000T00:08:00	2008-053T17:25:07	NEG_Z TO TITAN	NEG_X TO TITAN_SC_RAM	
RADAR_059TI_T41HISAR001_PRIME	M	2008-053T17:25:07	GMB_E059_TITAN41-000T00:07:00	000T00:14:00	2008-053T17:39:07	NEG_Z TO TITAN	NEG_X TO TITAN_SC_RAM	RADAR MUST CONTROL BOTH PRIMARY AND SECONDARY AXES FOR POLARIZATION OPTIMIZATION
59TI (T) T41 TITAN OUTBOU...		2008-053T17:32:07		000T00:00:01	2008-053T17:32:08			
RADAR_059TI_T41OULSAR001_PRIME	M	2008-053T17:39:07	GMB_E059_TITAN41+000T00:07:00	000T00:08:00	2008-053T17:47:07	NEG_Z TO TITAN	NEG_X TO TITAN_SC_RAM	
RADAR_059TI_T41OULTAL001_PRIME	M	2008-053T17:47:07	GMB_E059_TITAN41+000T00:15:00	000T00:15:00	2008-053T18:02:07	NEG_Z TO TITAN	NEG_Y TO NORTH_POLE_DIR	
END HIGH VALUE SCIENCE		2008-053T17:50:07	GMB_E059_TITAN41+000T00:18:00	000T00:00:01	2008-053T17:50:08			
RADAR_059TI_T41OUTSCT001_PRIME	M	2008-053T18:02:07	GMB_E059_TITAN41+000T00:30:00	000T00:42:00	2008-053T18:44:07	NEG_Z TO TITAN	NEG_Y TO NORTH_POLE_DIR	
SP_059TI_WAYPTTURN553_PRIME	M	2008-053T18:44:07	GMB_E059_TITAN41+000T01:12:00	000T00:09:00	2008-053T18:53:07	ISS_NAC TO TITAN	NEG_X TO SUN	ON THRUSTERS; 8 MIN TURN ON RCS
NEW WAYPOINT		2008-053T18:53:07		000T17:39:00	2008-054T12:32:07	ISS_NAC TO TITAN	NEG_X TO SUN	
SP_059ST_WAYPTTURN453_PRIME	M	2008-053T18:53:07	GMB_E059_TITAN41+000T01:21:00	000T00:02:00	2008-053T18:55:07	UVIS_FUV TO 111.023/-29.303 (0.258,0.0,0.0 DEG. OFFSET)	NEG_X TO SUN	ON THRUSTERS . TURN TO RADEC FOR UVIS TO OBSERVE DURING THE RWA TRANSITION.
ENGR_059SC_DFPWBIA053_PPS	C, M, U	2008-053T18:55:07	GMB_E059_TITAN41+000T01:23:00	000T00:22:42	2008-053T19:17:49	UVIS_FUV TO 104.656/-28.972 (0.258,0.0,0.0 DEG. OFFSET)	NEG_X TO SUN	
UVIS_059ST_ETACMA002_PRIME	C, M	2008-053T19:18:07	GMB_E059_TITAN41+000T01:46:00	000T00:44:00	2008-053T20:02:07	UVIS_FUV TO 111.023/-29.303 (0.258,0.0,0.0 DEG. OFFSET)	NEG_X TO SUN	
UVIS_059TI_EUVFUV002_PRIME	C, I, V	2008-053T20:02:07	GMB_E059_TITAN41+000T02:30:00	000T02:30:00	2008-053T22:32:07	UVIS_FUV TO TITAN	NEG_X TO SUN	
ISS_059TI_GLOBMAP001_PRIME	C, V	2008-053T22:32:07	GMB_E059_TITAN41+000T05:00:00	000T03:36:00	2008-054T02:08:07	ISS_NAC TO TITAN	NEG_X TO SUN	
ISS_059TI_PHOTOMWAC002_PRIME	C, V	2008-054T02:08:07	GMB_E059_TITAN41+000T08:36:00	000T00:24:00	2008-054T02:32:07	ISS_NAC TO TITAN	NEG_X TO SUN	
CIRS_059TI_FIRNADCMP002_PRIME	C, I, U, V	2008-054T02:32:07	GMB_E059_TITAN41+000T09:00:00	000T02:00:00	2008-054T04:32:07	CIRS_FP1 TO TITAN	PIC	
ISS_059TI_MONITORNA001_PRIME	C, V	2008-054T04:32:07	GMB_E059_TITAN41+000T11:00:00	000T02:00:00	2008-054T06:32:07	ISS_NAC TO TITAN	NEG_X TO SUN	
VIMS_059TI_GLOBMAP002_PRIME	C, I	2008-054T06:32:07	GMB_E059_TITAN41+000T13:00:00	000T01:00:00	2008-054T07:32:07	ISS_NAC TO TITAN	NEG_X TO SUN	
SP_059EA_DLTURN054_PRIME	C	2008-054T07:32:07	GMB_E059_TITAN41+000T14:00:00	000T00:30:00	2008-054T08:02:07	XBAND TO EARTH	POS_X TO NEP	?? MIN TURN
SP_059EA_G70METNON054_PRIME	C	2008-054T08:02:07	GMB_E059_TITAN41+000T14:30:00	000T04:00:00	2008-054T12:02:07	XBAND TO EARTH	ROLLING	
SP_059TI_WAYPTTURN054_PRIME	C	2008-054T12:02:07	GMB_E059_TITAN41+000T18:30:00	000T00:30:00	2008-054T12:32:07	ISS_NAC TO TITAN	POS_X TO NORTH_POLE_DIR	?? MIN TURN
NEW WAYPOINT		2008-054T12:32:07		000T23:22:53	2008-055T11:55:00	ISS_NAC TO TITAN	POS_X TO NORTH_POLE_DIR	
CIRS_059TI_MIDIRTMAP002_PRIME	C, I, V	2008-054T12:32:07	GMB_E059_TITAN41+000T19:00:00	000T02:53:00	2008-054T15:25:07	CIRS_FPB TO TITAN	NEG_X TO SUN	
UVIS_059ST_EPSCMA003_PRIME	C, M, V	2008-054T15:25:07	GMB_E059_TITAN41+000T21:53:00	000T02:30:00	2008-054T17:55:07	UVIS_FUV TO 104.656/-28.972 (0.258,0.0,0.0 DEG. OFFSET)	NEG_X TO SUN	
CIRS_059TI_TEMPMAPO37_PRIME	I, M, V	2008-054T17:55:07	GMB_E059_TITAN41+001T00:23:00	000T03:25:00	2008-054T21:20:07	CIRS_FPB TO TITAN	POS_X TO NORTH_POLE_DIR	
UVIS_059ST_EPSCMA004_PRIME	C, I, M, V	2008-054T21:20:07	GMB_E059_TITAN41+001T03:48:00	000T02:15:00	2008-054T23:35:07	UVIS_FUV TO 104.656/-28.972 (0.258,0.0,0.0 DEG. OFFSET)	NEG_X TO SUN	
CIRS_059TI_TEMPMAPO38_PRIME	I, M, V	2008-054T23:35:07	GMB_E059_TITAN41+001T06:03:00	000T01:52:00	2008-055T01:27:07	CIRS_FPB TO TITAN	POS_X TO NORTH_POLE_DIR	
SP_059TI_DEADTIME055_PRIME	M	2008-055T01:27:07	GMB_E059_TITAN41+001T07:55:00	000T00:23:53	2008-055T01:51:00	ISS_NAC TO TITAN	POS_X TO NTP	
SP_059EA_DLTURN055_PRIME	M	2008-055T01:51:00		000T00:30:00	2008-055T02:21:00	XBAND TO EARTH	POS_X TO NEP	17.33 MIN TURN
SP_059EA_G70METNON055_PRIME	C, M	2008-055T02:21:00		000T09:00:00	2008-055T11:21:00	XBAND TO EARTH	ROLLING	