

Request	Riders	Start (SCET)	Start (Epoch)	Duration	End (SCET)	Primary	Secondary	Comments
TOST REV 39 SEGMENT		2007-052110:37:00		001T23:34:00	2007-054110:11:00			
SP_039TI_WAYPTTURN052_PRIME	C, M	2007-052110:37:00		000T00:30:00	2007-052111:07:00	ISS_NAC TO TITAN	POS_X TO NORTH_POLE_DIR	15.5 MIN TURN FROM +X TO NEP
NEW WAYPOINT		2007-052111:07:00		000T11:17:24	2007-052122:24:24	ISS_NAC TO TITAN	POS_X TO NORTH_POLE_DIR	
SP_039TI_DEADTIME052_PRIME	M	2007-052111:07:00		000T00:16:25	2007-052111:23:25	ISS_NAC TO TITAN	POS_X TO NORTH_POLE_DIR	
ISS_039TI_NIGHTNAC001_PRIME	C, M	2007-052111:23:25	GMB_E039_TITAN25-000T15:48:59	000T00:48:59	2007-052112:12:24	ISS_NAC TO TITAN	POS_X TO NORTH_POLE_DIR	
CIRS_039TI_MIDIRTMAP001_PRIME	C, I, M, V	2007-052112:12:24	GMB_E039_TITAN25-000T15:00:00	000T02:00:00	2007-052114:12:24	CIRS_FPB TO TITAN	POS_X TO NORTH_POLE_DIR	
CIRS_039TI_FIRNADCMP001_PRIME	C, I, M, U, V	2007-052114:12:24	GMB_E039_TITAN25-000T13:00:00	000T03:00:00	2007-052117:12:24	CIRS_FP1 TO TITAN	PIC	
ISS_039TI_PHOTOMWAC001_PRIME	C, M, V	2007-052117:12:24	GMB_E039_TITAN25-000T10:00:00	000T01:00:00	2007-052118:12:24	ISS_WAC TO TITAN	POS_X TO NORTH_POLE_DIR	
CIRS_039TI_MIRLMBMAP001_PRIME	C, I, M, R, U, V	2007-052118:12:24	GMB_E039_TITAN25-000T09:00:00	000T03:50:00	2007-052122:02:24	CIRS_FPB TO TITAN	PIC	
SP_039TI_WAYPTTURN452_PRIME	M, R	2007-052122:02:24	GMB_E039_TITAN25-000T05:10:00	000T00:22:00	2007-052122:24:24	POS_X TO 223.0/-12.0	NEG_Z TO TITAN	20.04 MIN TURN
NEW WAYPOINT		2007-052122:24:24		000T09:59:00	2007-053T08:23:24	POS_X TO 223.0/-12.0	NEG_Z TO TITAN	
RADAR_039TI_T2SINRAD001_PRIME	M, R	2007-052122:24:24	GMB_E039_TITAN25-000T04:48:00	000T03:33:00	2007-053T01:57:24	NEG_Z TO TITAN (0.0,0.0,-5.0 DEG. OFFSET)	POS_Y TO NORTH_POLE_DIR	USE +Y_NTP AND +X_NTP FOR THE TWO POLARIZATIONS.
RADAR_039TI_T2SINCAT001_PRIME	M	2007-053T01:57:24	GMB_E039_TITAN25-000T01:15:00	000T00:23:00	2007-053T02:20:24	NEG_Z TO TITAN	POS_X TO NORTH_POLE_DIR	
ENGR_039SC_RADRCS053_PPS	M	2007-053T02:20:24	GMB_E039_TITAN25-000T00:52:00	000T00:21:15	2007-053T02:41:39			DEADBAND = (2,2,20)
RADAR_039TI_T2SINALT001_PRIME	M	2007-053T02:42:24	GMB_E039_TITAN25-000T00:30:00	000T00:14:00	2007-053T02:56:24	NEG_Z TO TITAN (0.0,0.0,-25.0 DEG. OFFSET)	NEG_Y TO NORTH_POLE_DIR	
RADAR_039TI_T2SILSAR001_PRIME	M	2007-053T02:56:24	GMB_E039_TITAN25-000T00:16:00	000T00:09:00	2007-053T03:05:24	NEG_Z TO TITAN	NEG_X TO TITAN_SC_RAM	
RADAR_039TI_T2SILSAR001_PRIME	M	2007-053T03:05:24	GMB_E039_TITAN25-000T00:07:00	000T00:14:00	2007-053T03:19:24	NEG_Z TO TITAN	NEG_X TO TITAN_SC_RAM	
39TI (T) T25 TITAN OUTBOUN...		2007-053T03:12:24		000T00:00:01	2007-053T03:12:25			
RADAR_039TI_T2SOLAR001_PRIME	M	2007-053T03:19:24	GMB_E039_TITAN25+000T00:07:00	000T00:09:00	2007-053T03:28:24	NEG_Z TO TITAN	NEG_X TO TITAN_SC_RAM	
RADAR_039TI_T2SOTALT001_PRIME	M	2007-053T03:28:24	GMB_E039_TITAN25+000T00:16:00	000T00:14:00	2007-053T03:42:24	NEG_Z TO TITAN (0.0,0.0,-10.0 DEG. OFFSET)	NEG_X TO TITAN_SC_RAM	
ENGR_039SC_RADRWBIAS053_PPS	M	2007-053T03:42:24	GMB_E039_TITAN25+000T00:30:00	000T00:21:41	2007-053T04:04:05			
RADAR_039TI_T2SOTSCAT001_PRIME	M	2007-053T04:04:24	GMB_E039_TITAN25+000T00:52:00	000T00:25:00	2007-053T04:29:24	NEG_Z TO TITAN	POS_X TO NORTH_POLE_DIR	
RADAR_039TI_T2SOUTRAD001_PRIME	M	2007-053T04:29:24	GMB_E039_TITAN25+000T01:17:00	000T03:32:00	2007-053T08:01:24	NEG_Z TO TITAN (0.0,0.0,-7.0 DEG. OFFSET)	POS_X TO NORTH_POLE_DIR	SECONDARY AXIS: USE +X_NTP AND -Y_NTP FOR THE 1ST AND 2ND POLARIZATIONS.
SP_039TI_WAYPTTURN552_PRIME		2007-053T08:01:24	GMB_E039_TITAN25+000T04:49:00	000T00:22:00	2007-053T08:23:24	ISS_NAC TO TITAN	NEG_X TO SUN	19.25 MIN TURN
NEW WAYPOINT		2007-053T08:23:24		001T02:17:36	2007-054T10:41:00	ISS_NAC TO TITAN	NEG_X TO SUN	
ISS_039TI_GLOBMAP001_PRIME	C, V	2007-053T08:23:24	GMB_E039_TITAN25+000T05:11:00	000T03:25:00	2007-053T11:48:24	ISS_NAC TO TITAN	NEG_X TO SUN	
ISS_039TI_PHOTOMWAC002_PRIME	C	2007-053T11:48:24	GMB_E039_TITAN25+000T08:36:00	000T00:24:00	2007-053T12:12:24	ISS_WAC TO TITAN	NEG_X TO SUN	
CIRS_039TI_FIRNADCMP002_PRIME	C, I, U, V	2007-053T12:12:24	GMB_E039_TITAN25+000T09:00:00	000T02:00:00	2007-053T14:12:24	CIRS_FP1 TO TITAN	PIC	
ISS_039TI_MONITORNA001_PRIME	C, V	2007-053T14:12:24	GMB_E039_TITAN25+000T11:00:00	000T02:00:00	2007-053T16:12:24	ISS_NAC TO TITAN	NEG_X TO SUN	
VIMS_039TI_GLOBMAP001_PRIME	C, I	2007-053T16:12:24	GMB_E039_TITAN25+000T13:00:00	000T01:00:00	2007-053T17:12:24	ISS_NAC TO TITAN	NEG_X TO SUN	
CIRS_039TI_MIDIRTMAP002_PRIME	C, I, V	2007-053T17:12:24	GMB_E039_TITAN25+000T14:00:00	000T07:15:00	2007-054T00:27:24	CIRS_FPB TO TITAN	NEG_X TO SUN	
SP_039TI_DEADTIME054_PRIME		2007-054T00:27:24	GMB_E039_TITAN25+000T21:15:00	000T00:13:36	2007-054T00:41:00	ISS_NAC TO TITAN	NEG_X TO SUN	
SP_039EA_DLTURN054_PRIME		2007-054T00:41:00		000T00:30:00	2007-054T01:11:00	XBAND TO EARTH	POS_X TO NEP	17.47 MIN TURN
SP_039EA_G70METUNQ054_PRIME	C, M	2007-054T01:11:00		000T09:00:00	2007-054T10:11:00	XBAND TO EARTH	ROLLING	DSS43 AT 0822 SCET