

Request	Riders	Start (SCET)	Start (Epoch)	Duration	End (SCET)	Primary	Secondary	Comments
TITAN FLYBY T50 SEGMENT		2009-037T13:19:00		002T03:00:00	2009-039T16:19:00			
SP_102TI_WAYPTTURN037_PRIME	M	2009-037T13:19:00		000T00:40:00	2009-037T13:59:00	NEG_Y TO TITAN (0.0,-5.0,0.0 DEG. OFFSET)	NEG_Z TO 359.0/-21.0	NEG_Y TO TITAN, NEG_Z RA/DEC 359/-21 (0,-5,0)
NEW WAYPOINT		2009-037T13:59:00		002T02:45:00	2009-039T16:44:00	NEG_Y TO TITAN (0.0,-5.0,0.0 DEG. OFFSET)	NEG_Z TO 359.0/-21.0	
SP_102TI_DEADTIME037_PRIME	M	2009-037T13:59:00		000T00:15:00	2009-037T14:14:00	NEG_Y TO TITAN (0.0,-5.0,0.0 DEG. OFFSET)	NEG_Z TO 359.0/-21.0	
VIMS_102TI_CLOUD001_PRIME	C, I, M, U	2009-037T14:14:31	GMB_E102_TITAN50-000T18:36:20	000T05:36:20	2009-037T19:50:51	VIMS_IR TO TITAN (0.0,-5.0,0.0 DEG. OFFSET)	NEG_Z TO 359.0/-21.0	
CIRS_102TI_FIRNADCMP001_PRIME	C, I, M, R, U, V	2009-037T19:50:51	GMB_E102_TITAN50-000T13:00:00	000T03:30:00	2009-037T23:20:51	CIRS_FP1 TO TITAN	PIC	
CIRS_102TI_MIRLMBINT001_PRIME	C, I, M, R, V	2009-037T23:20:51	GMB_E102_TITAN50-000T09:30:00	000T04:00:00	2009-038T03:20:51	CIRS_FP2 TO TITAN	PIC	
RADAR_102TI_T50INRAD001_PRIME	M	2009-038T03:20:51	GMB_E102_TITAN50-000T05:30:00	000T03:30:00	2009-038T06:50:51	NEG_Z TO TITAN	NEG_X TO NTP	USE -X_NTP AND -Y_NTP FOR THE 2NDARY FOR THE TWO POLARIZATIONS.
RADAR_102TI_T50INSCAT001_PRIME	M	2009-038T06:50:51	GMB_E102_TITAN50-000T02:00:00	000T00:48:00	2009-038T07:38:51	NEG_Z TO TITAN	POS_Y TO NTP	
ENGR_102SC_RADRCS038_PRIME	M	2009-038T07:38:51	GMB_E102_TITAN50-000T01:12:00	000T00:01:00	2009-038T07:39:51	NEG_Z TO TITAN	NEG_X TO NTP	DEADBAND (2,2,20)
RADAR_102TI_T50IHISAR001_PRIME	M	2009-038T07:39:51	GMB_E102_TITAN50-000T01:11:00	000T00:41:00	2009-038T08:20:51	NEG_Z TO TITAN	POS_Y TO NTP	
RADAR_102TI_T50INALT001_PRIME	M	2009-038T08:20:51	GMB_E102_TITAN50-000T00:30:00	000T00:18:00	2009-038T08:38:51	NEG_Z TO TITAN	POS_Y TO NTP	
BEGIN REROUTE OF INMS DATA...		2009-038T08:35:51	GMB_E102_TITAN50-000T00:15:00	000T00:00:01	2009-038T08:35:52			
RADAR_102TI_T50RASAR001_PRIME	M	2009-038T08:38:51	GMB_E102_TITAN50-000T00:12:00	000T00:24:00	2009-038T09:02:51	NEG_X TO TITAN_SC_RAM	NEG_Z TO TITAN	RIDE-ALONG AT C/A.
BEGIN DUAL PLAYBACK SCIENCE		2009-038T08:45:51	GMB_E102_TITAN50-000T00:05:00	000T00:00:01	2009-038T08:45:52			
102TI (T) T50 TITAN OUTBO...		2009-038T08:50:51		000T00:00:01	2009-038T08:50:52			
END DUAL PLAYBACK SCIENCE		2009-038T08:55:51	GMB_E102_TITAN50+000T00:05:00	000T00:00:01	2009-038T08:55:52			
RADAR_102TI_T50OUTALT001_PRIME	M	2009-038T09:02:51	GMB_E102_TITAN50+000T00:12:00	000T00:18:00	2009-038T09:20:51	NEG_Z TO TITAN	NEG_X TO NTP	
END REROUTE OF INMS TO P5.		2009-038T09:05:51	GMB_E102_TITAN50+000T00:15:00	000T00:00:01	2009-038T09:05:52			
RADAR_102TI_T50OHISAR001_PRIME	M	2009-038T09:20:51	GMB_E102_TITAN50+000T00:30:00	000T00:20:00	2009-038T09:40:51	NEG_Z TO TITAN	NEG_X TO NTP	
ENGR_102SC_RADRWBIAS038_PPS	M	2009-038T09:40:51	GMB_E102_TITAN50+000T00:50:00	000T00:21:41	2009-038T10:02:32	NEG_Z TO TITAN	NEG_X TO NTP	DB (2,2,20)
RADAR_102TI_T50OUCTS001_PRIME	M	2009-038T10:02:32	GMB_E102_TITAN50+000T01:11:41	000T00:48:19	2009-038T10:50:51	NEG_Z TO TITAN	NEG_X TO NTP	
RADAR_102TI_T50OUTRAD001_PRIME		2009-038T10:50:51	GMB_E102_TITAN50+000T02:00:00	000T04:00:00	2009-038T14:50:51	NEG_Z TO TITAN	NEG_X TO NTP	USE -X_NTP AND -Y_NTP FOR THE 2NDARY FOR THE TWO POLARIZATIONS.
UVIS_102TI_EUVFUV001_PRIME	C, I, V	2009-038T14:50:51	GMB_E102_TITAN50+000T06:00:00	000T03:00:00	2009-038T17:50:51	NEG_Y TO TITAN (0.0,-5.0,1.889 DEG. OFFSET)	NEG_Z TO 359.0/-21.0	USE PRIMARY AND SECONDARY OF WAYPOINT (AT END OF CUSTOM PERIOD) TO MINIMIZE TURNS.
ISS_102TI_PHOTOMWAC001_PRIME	C, V	2009-038T17:50:51	GMB_E102_TITAN50+000T09:00:00	000T01:00:00	2009-038T18:50:51	ISS_NAC TO TITAN	NEG_X TO SUN	
CIRS_102TI_MIDIRTMAP002_PRIME	C, I, V	2009-038T18:50:51	GMB_E102_TITAN50+000T10:00:00	000T03:00:00	2009-038T21:50:51	CIRS_FP2 TO TITAN	NEG_Z TO 359.0/-21.0	
ISS_102TI_NIGHTNAC001_PRIME	C, V	2009-038T21:50:51	GMB_E102_TITAN50+000T13:00:00	000T00:30:00	2009-038T22:20:51	ISS_NAC TO TITAN	NEG_X TO SUN	
CIRS_102TI_MIDIRTMAP003_PRIME	C, I, V	2009-038T22:20:51	GMB_E102_TITAN50+000T13:30:00	000T04:30:00	2009-039T02:50:51	CIRS_FP2 TO TITAN	NEG_Z TO 359.0/-21.0	
APOAPSE PER = 11.9 D, INC ...		2009-039T02:29:27		000T00:00:01	2009-039T02:29:28			
ISS_103TI_LRMONITOR001_PRIME		2009-039T02:50:51	GMB_E102_TITAN50+000T18:00:00	000T00:30:00	2009-039T03:20:51	ISS_NAC TO TITAN	NEG_Z TO 349.0/-11.0	
SP_103TI_DEADTIME039_PRIME		2009-039T03:20:51	GMB_E102_TITAN50+000T18:30:00	000T00:18:08	2009-039T03:38:59	NEG_Y TO TITAN (0.0,-5.0,0.0 DEG. OFFSET)	NEG_Z TO 359.0/-21.0	
SP_103EA_DLTURN039_PRIME		2009-039T03:39:00		000T00:40:00	2009-039T04:19:00	XBAND TO EARTH	POS_X TO NEP	
SP_103EA_G70METNON039_PRIME	C	2009-039T04:19:00		000T09:00:00	2009-039T13:19:00	XBAND TO EARTH	ROLLING/BIAS	POS_X TO NEP
POINTER RESET IN PREPARATIO...		2009-039T13:19:00		000T00:00:01	2009-039T13:19:01			
SP_103EA_C34BWGNON039_PRIME	C	2009-039T13:19:00		000T03:00:00	2009-039T16:19:00	XBAND TO EARTH	ROLLING	POS_X TO NEP