

Request	Riders	Start (SCET)	Start (Epoch)	Duration	End (SCET)	Primary	Secondary	Comments
TITAN FLYBY T56 SEGMENT		2009-157T05:12:00		002T01:45:00	2009-159T06:57:00			
SP_112TI_WAYPTTURN157_PRIME		2009-157T05:12:00		000T00:40:00	2009-157T05:52:00	NEG_Y TO TITAN	NEG_X TO 67.0/16.0	
NEW WAYPOINT		2009-157T05:52:00		002T01:43:00	2009-159T07:35:00	NEG_Y TO TITAN	NEG_X TO 67.0/16.0	
SP_112TI_DEADTIME157_PRIME		2009-157T05:52:00		000T00:15:49	2009-157T06:07:49	NEG_Y TO TITAN	NEG_X TO 67.0/16.0	
CIRS_112TI_FIRNADCMP001_PRIME	C, I, U, V	2009-157T06:07:49	GMB_E112_TITAN56-000T13:52:12	000T03:52:12	2009-157T10:00:01	CIRS_FP1 TO TITAN	PIC	
ISS_112TI_PHOTOMWAC001_PRIME	C, V	2009-157T10:00:01	GMB_E112_TITAN56-000T10:00:00	000T01:00:00	2009-157T11:00:01	ISS_NAC TO TITAN (0.0,3.0,0.0 DEG. OFFSET)	NEG_X TO SUN	
VIMS_112TI_MEDRESDRK001_PRIME	C, I, R	2009-157T11:00:01	GMB_E112_TITAN56-000T09:00:00	000T03:50:00	2009-157T14:50:01	VIMS_IR TO TITAN	NEG_X TO 67.0/16.0	
BEGIN CUSTOM PERIOD		2009-157T14:50:01	GMB_E112_TITAN56-000T05:10:00	000T00:00:01	2009-157T14:50:02	NEG_Y TO TITAN	NEG_X TO 67.0/16.0	
RADAR_112TI_T56INRAD001_PRIME		2009-157T14:50:01	GMB_E112_TITAN56-000T05:10:00	000T03:10:00	2009-157T18:00:01	NEG_Z TO TITAN (0.0,0.0,30.0 DEG. OFFSET)	NEG_Y TO NTP	PICK UP AT NEG_Y TO TITAN, NEG_X TO 67.0/16.0; HAND OFF AT NEG_Z TO TITAN (0.0,0.0,30.0 DEG. OFFSET), NEG_X TO NTP. USE 2NDARY-Y_NTP(0,0,30) AND -X_NTP(0,0,30) FOR POLARIZATIONS.
RADAR_112TI_T56INSCAT001_PRIME	M	2009-157T18:00:01	GMB_E112_TITAN56-000T02:00:00	000T00:48:00	2009-157T18:48:01	NEG_Z TO TITAN (0.0,0.0,30.0 DEG. OFFSET)	NEG_X TO NTP	PICK UP AT NEG_Z TO TITAN (0.0,0.0,30.0 DEG. OFFSET), NEG_X TO NTP; HAND OFF AT NEG_Z TO TITAN (0.0,0.0,30.0 DEG. OFFSET), NEG_X TO NTP.
ENGR_112SC_RADRCS157_PRIME	M	2009-157T18:48:01	GMB_E112_TITAN56-000T01:12:00	000T00:01:00	2009-157T18:49:01	NEG_Z TO TITAN (0.0,0.0,30.0 DEG. OFFSET)	NEG_X TO NTP	PICK UP AT NEG_Z TO TITAN (0.0,0.0,30.0 DEG. OFFSET), NEG_X TO NTP; HAND OFF AT NEG_Z TO TITAN (0.0,0.0,30.0 DEG. OFFSET), NEG_X TO NTP. (0.5,0.5,0.5) DEADBAND
RADAR_112TI_T56IHISAR001_PRIME	M	2009-157T18:49:01	GMB_E112_TITAN56-000T01:11:00	000T00:41:00	2009-157T19:30:01	NEG_Z TO TITAN (0.0,0.0,30.0 DEG. OFFSET)	NEG_X TO NTP	PICK UP AT NEG_Z TO TITAN (0.0,0.0,30.0 DEG. OFFSET), NEG_X TO NTP; HAND OFF AT NEG_Z TO TITAN, NEG_X TO NTP.
RADAR_112TI_T56INALTO01_PRIME	M	2009-157T19:30:01	GMB_E112_TITAN56-000T00:30:00	000T00:12:00	2009-157T19:42:01	NEG_Z TO TITAN	POS_Y TO NTP	PICK UP AT NEG_Z TO TITAN, NEG_X TO NTP; HAND OFF AT NEG_Z TO TITAN (0.0,0.0,-20.0 DEG. OFFSET), NEG_X TO TITAN_SC_RAM.
BEGIN DUAL PLAYBACK SCIENCE		2009-157T19:42:01	GMB_E112_TITAN56-000T00:18:00	000T00:00:01	2009-157T19:42:02			
RADAR_112TI_T56INOSAR001_PRIME	M	2009-157T19:42:01	GMB_E112_TITAN56-000T00:18:00	000T00:36:00	2009-157T20:18:01	NEG_Z TO TITAN	NEG_X TO TITAN_SC_RAM	PICK UP AT NEG_Z TO TITAN (0.0,0.0,-20.0 DEG. OFFSET), NEG_X TO TITAN_SC_RAM; HAND OFF AT NEG_Z TO TITAN, NEG_X TO TITAN_SC_RAM.
112TI (T) T56 TITAN INBOU...		2009-157T20:00:00		000T00:00:01	2009-157T20:00:01			
END DUAL PLAYBACK SCIENCE		2009-157T20:18:01	GMB_E112_TITAN56+000T00:18:00	000T00:00:01	2009-157T20:18:02			
RADAR_112TI_T56OUTALT001_PRIME	M	2009-157T20:18:01	GMB_E112_TITAN56+000T00:18:00	000T00:14:00	2009-157T20:32:01	NEG_Z TO TITAN (0.0,0.0,20.0 DEG. OFFSET)	NEG_X TO NTP	PICK UP AT NEG_Z TO TITAN, NEG_X TO TITAN_SC_RAM; HAND OFF AT UVIS_FUV TO 206.885/49.313 (0.082,0.0,0.0 DEG. OFFSET), NEG_Z TO NTP.
ENGR_112SC_DFPWBIA157_PPS	C, M, U, V	2009-157T20:32:01	GMB_E112_TITAN56+000T00:32:00	000T00:21:05	2009-157T20:53:06	UVIS_FUV TO 206.885/49.313 (0.082,0.0,0.0 DEG. OFFSET)	NEG_Z TO NTP	PICK UP AT UVIS_FUV TO 206.885/49.313 (0.082,0.0,0.0 DEG. OFFSET), NEG_Z TO NTP; HAND OFF AT UVIS_FUV TO 206.885/49.313 (0.082,0.0,0.0 DEG. OFFSET), NEG_Z TO NTP. (0.5,0.5,0.5) DEADBAND
UVIS_112ST_ETAUAMAT002_PRIME	C, M, V	2009-157T20:53:10	GMB_E112_TITAN56+000T00:53:09	000T00:47:51	2009-157T21:41:01	UVIS_FUV TO 206.885/49.313 (0.082,0.0,0.0 DEG. OFFSET)	NEG_Z TO NTP	PICK UP AT UVIS_FUV TO 206.885/49.313 (0.082,0.0,0.0 DEG. OFFSET), NEG_Z TO NTP; HAND OFF AT NEG_Y TO TITAN, NEG_X TO 67.0/16.0.
END CUSTOM PERIOD		2009-157T21:41:01	GMB_E112_TITAN56+000T01:41:00	000T00:00:01	2009-157T21:41:02	NEG_Y TO TITAN	NEG_X TO 67.0/16.0	
UVIS_112TI_EUVFUV001_PRIME	C, I, M, V	2009-157T21:41:01	GMB_E112_TITAN56+000T01:41:00	000T07:19:00	2009-158T05:00:01	UVIS_FUV TO TITAN (0.0,0.0,5.443 DEG. OFFSET)	POS_X TO 246.0/-21.4	
CIRS_112TI_FIRNADCMP002_PRIME	C, I, U, V	2009-158T05:00:01	GMB_E112_TITAN56+000T09:00:00	000T05:00:00	2009-158T10:00:01	CIRS_FP1 TO TITAN	PIC	
VIMS_112TI_GLOBMAP001_PRIME	C, I	2009-158T10:00:01	GMB_E112_TITAN56+000T14:00:00	000T09:02:48	2009-158T19:02:49	VIMS_IR TO TITAN	POS_X TO 244.0/-22.7	
SP_112TI_DEADTIME158_PRIME		2009-158T19:02:49	GMB_E112_TITAN56+000T23:02:48	000T00:14:11	2009-158T19:17:00	NEG_Y TO TITAN	NEG_X TO 67.0/16.0	
SP_112EA_DLTURN158_PRIME	C	2009-158T19:17:00		000T00:40:00	2009-158T19:57:00	XBAND TO EARTH	NEG_X TO NEP	
SP_112EA_G34BWGSEQ158_PRIME	C	2009-158T19:57:00		000T01:16:00	2009-158T21:13:00	XBAND TO EARTH	ROLLING	NEG_X TO NEP
SP_112EA_G70METSSEQ158_PRIME	C	2009-158T21:13:00		000T04:35:00	2009-159T01:48:00	XBAND TO EARTH	ROLLING	NEG_X TO NEP
SP_112EA_C70METNON159_PRIME	C	2009-159T01:48:00		000T04:25:00	2009-159T06:13:00	XBAND TO EARTH	ROLLING	NEG_X TO NEP