

Request	Riders	Start (SCET)	Start (Epoch)	Duration	End (SCET)	Primary	Secondary	Comments
TITAN FLYBY T83 SEGMENT		2012-142T08:31:00		001T17:30:00	2012-144T02:01:00			
SP_166TI_WAYPTTURN142_PRIME		2012-142T08:31:00		000T00:40:00	2012-142T09:11:00	XBAND TO EARTH (0.0,0.0,-9.5 DEG. OFFSET)	NEG_Y TO SATURN	
NEW WAYPOINT		2012-142T09:11:00		001T17:29:00	2012-144T02:40:00	XBAND TO EARTH (0.0,0.0,-9.5 DEG. OFFSET)	NEG_Y TO SATURN	
SP_166TI_DEADTIME142_PRIME		2012-142T09:11:00		000T00:15:00	2012-142T09:26:00	XBAND TO EARTH (0.0,0.0,-9.5 DEG. OFFSET)	NEG_Y TO SATURN	
BEGIN CUSTOM PERIOD		2012-142T09:26:00	GMB_E166_TITAN_T83-000T15:44:11	000T00:00:01	2012-142T09:26:01			
VIMS_166TI_GLOBMAP001_PRIME	C, I	2012-142T09:26:00	GMB_E166_TITAN_T83-000T15:44:11	000T06:44:11	2012-142T16:10:11	VIMS_IR TO TITAN	NEG_X TO SUN	COLLABORATIVE RIDER(S): ISS. PICK UP AT XBAND TO EARTH (0.0,0.0,-9.5 DEG. OFFSET), NEG_Y TO SATURN; HAND OFF AT NEG_Y TO TITAN, XBAND TO EARTH. COLLABORATIVE RIDER(S): ISS
CIRS_166TI_MIRLMBINT001_PRIME	I, V	2012-142T16:10:11	GMB_E166_TITAN_T83-000T09:00:00	000T04:00:00	2012-142T20:10:11	CIRS_FPB TO TITAN	PIC	COLLABORATIVE RIDER(S): VIMS. PICK UP AT NEG_Y TO TITAN, XBAND TO EARTH; HAND OFF AT CIRS_FP1 TO TITAN, PIC. COLLABORATIVE RIDER(S): VIMS
CIRS_166TI_FIRNADMAP001_PRIME	I, V	2012-142T20:10:11	GMB_E166_TITAN_T83-000T05:00:00	000T02:33:00	2012-142T22:43:11	CIRS_FP1 TO TITAN	PIC	PICK UP AT CIRS_FP1 TO TITAN, PIC; HAND OFF AT NEG_Y TO TITAN, XBAND TO EARTH. SCAN TO INCLUDE NORTHERN LAKES FOR VIMS.
RADAR_166TI_T83INSCAT001_PRIME	M	2012-142T22:43:11	GMB_E166_TITAN_T83-000T02:27:00	000T01:15:00	2012-142T23:58:11	NEG_Z TO TITAN	POS_Y TO NTP	PICK UP AT NEG_Y TO TITAN, XBAND TO EARTH; HAND OFF AT NEG_Z TO TITAN, POS_Y TO NTP.
RADAR_166TI_T83IHISAR001_PRIME	M	2012-142T23:58:11	GMB_E166_TITAN_T83-000T01:12:00	000T00:41:00	2012-143T00:39:11	NEG_Z TO TITAN	POS_Y TO NTP	PICK UP AT NEG_Z TO TITAN, POS_Y TO NTP; HAND OFF AT NEG_Z TO TITAN, POS_Y TO NTP.
ENGR_166SC_RADRCS142_PRIME	M	2012-143T00:39:11	GMB_E166_TITAN_T83-000T00:31:00	000T00:01:00	2012-143T00:40:11	NEG_Z TO TITAN	POS_Y TO NTP	PICK UP AT NEG_Z TO TITAN, POS_Y TO NTP; HAND OFF AT NEG_Z TO TITAN, POS_Y TO NTP. DEADBAND=(-5,5,2)
RADAR_166TI_T83INALT001_PRIME	M	2012-143T00:40:11	GMB_E166_TITAN_T83-000T00:30:00	000T00:15:00	2012-143T00:55:11	NEG_Z TO TITAN	NEG_X TO TITAN_SC_RAM	PICK UP AT NEG_Z TO TITAN, POS_Y TO NTP; HAND OFF AT NEG_Z TO TITAN, NEG_X TO TITAN_SC_RAM.
RADAR_166TI_T83IRASAR001_PRIME	M	2012-143T00:55:11	GMB_E166_TITAN_T83-000T00:15:00	000T00:10:00	2012-143T01:05:11	NEG_X TO TITAN_SC_RAM	NEG_Z TO TITAN	PICK UP AT NEG_Z TO TITAN, NEG_X TO TITAN_SC_RAM; HAND OFF AT NEG_X TO TITAN_SC_RAM, NEG_Z TO TITAN.
RADAR_166TI_T83IRASAR002_PRIME	M	2012-143T01:05:11	GMB_E166_TITAN_T83-000T00:05:00	000T00:05:00	2012-143T01:10:11	NEG_X TO TITAN_SC_RAM	NEG_Z TO TITAN	PICK UP AT NEG_X TO TITAN_SC_RAM, NEG_Z TO TITAN; HAND OFF AT NEG_X TO TITAN_SC_RAM, NEG_Z TO TITAN.
BEGIN DUAL PLAYBACK SCIENCE		2012-143T01:05:41	GMB_E166_TITAN_T83-000T00:04:30	000T00:00:01	2012-143T01:05:42			
166TI (T) T83 TITAN OUTBOU...		2012-143T01:10:11		000T00:00:01	2012-143T01:10:12			
RADAR_166TI_T83OUTSAR001_PRIME	M	2012-143T01:10:11	GMB_E166_TITAN_T83+000T00:00:00	000T00:18:00	2012-143T01:28:11	NEG_Z TO TITAN	NEG_X TO TITAN_SC_RAM	PICK UP AT NEG_X TO TITAN_SC_RAM, NEG_Z TO TITAN; HAND OFF AT NEG_Z TO TITAN, NEG_X TO TITAN_SC_RAM.
END DUAL PLAYBACK SCIENCE		2012-143T01:27:31	GMB_E166_TITAN_T83+000T00:17:20	000T00:00:01	2012-143T01:27:32			
RADAR_166TI_T83OUTALT001_PRIME	M	2012-143T01:28:11	GMB_E166_TITAN_T83+000T00:18:00	000T00:12:00	2012-143T01:40:11	NEG_Z TO TITAN	NEG_X TO TITAN_SC_RAM	PICK UP AT NEG_Z TO TITAN, NEG_X TO TITAN_SC_RAM; HAND OFF AT NEG_Z TO TITAN, NEG_Y TO NTP.
RADAR_166TI_T83OHISAR001_PRIME	M	2012-143T01:40:11	GMB_E166_TITAN_T83+000T00:30:00	000T00:20:00	2012-143T02:00:11	NEG_Z TO TITAN	NEG_Y TO NTP	PICK UP AT NEG_Z TO TITAN, NEG_Y TO NTP; HAND OFF AT NEG_Z TO TITAN, NEG_Y TO NTP.
ENGR_166SC_RADRWBIAS143_PP5	M	2012-143T02:00:11	GMB_E166_TITAN_T83+000T00:50:00	000T00:22:00	2012-143T02:22:11	NEG_Z TO TITAN	NEG_Y TO NTP	PICK UP AT NEG_Z TO TITAN, NEG_Y TO NTP; HAND OFF AT NEG_Z TO TITAN, NEG_Y TO NTP. DEADBAND=(-2,2,2)
RADAR_166TI_T83OUTSCT001_PRIME	M	2012-143T02:22:11	GMB_E166_TITAN_T83+000T01:12:00	000T01:03:00	2012-143T03:25:11	NEG_Z TO TITAN	NEG_Y TO NTP	PICK UP AT NEG_Z TO TITAN, NEG_Y TO NTP; HAND OFF AT NEG_Z TO TITAN, NEG_Y TO NTP.
RADAR_166TI_T83OUTRAD001_PRIME		2012-143T03:25:11	GMB_E166_TITAN_T83+000T02:15:00	000T03:45:00	2012-143T07:10:11	NEG_Z TO TITAN	NEG_Y TO NTP	PICK UP AT NEG_Z TO TITAN, NEG_Y TO NTP; HAND OFF AT NEG_Y TO TITAN, XBAND TO EARTH.
VIMS_166TI_GLOBMAP002_PRIME	C, I	2012-143T07:10:11	GMB_E166_TITAN_T83+000T06:00:00	000T03:00:00	2012-143T10:10:11	VIMS_IR TO TITAN	NEG_X TO SUN	COLLABORATIVE RIDER(S): ISS. PICK UP AT NEG_Y TO TITAN, XBAND TO EARTH; HAND OFF AT CIRS_FP1 TO TITAN, XBAND TO EARTH. COLLABORATIVE RIDER(S): ISS
CIRS_166TI_FIRNADCMP001_PRIME	I, V	2012-143T10:10:11	GMB_E166_TITAN_T83+000T09:00:00	000T05:35:49	2012-143T15:46:00	CIRS_FP1 TO TITAN	PIC	PICK UP AT CIRS_FP1 TO TITAN, XBAND TO EARTH; HAND OFF AT XBAND TO EARTH (0.0,0.0,-9.5 DEG. OFFSET), NEG_Y TO SATURN.
END CUSTOM PERIOD		2012-143T15:06:00	GMB_E166_TITAN_T83+000T13:55:49	000T00:00:01	2012-143T15:06:01			
SP_166NA_DEADTIME143_PRIME		2012-143T15:46:00	GMB_E166_TITAN_T83+000T14:35:49	000T00:15:00	2012-143T16:01:00	XBAND TO EARTH (0.0,0.0,-9.5 DEG. OFFSET)	NEG_Y TO SATURN	
SP_166EA_M70METNON143_PRIME	C, E, R	2012-143T16:01:00		000T09:00:00	2012-144T01:01:00	XBAND TO EARTH	5_HR_ROLLING	XBAND TO EARTH, NEG_Y TO SATURN (0,0,-9.5); MIMI
POINTER RESET IN PREPARATIO...		2012-144T01:01:00		000T00:00:01	2012-144T01:01:01			
SP_166EA_G70METNON143_PRIME	C, R	2012-144T01:01:00		000T01:00:00	2012-144T02:01:00	XBAND TO EARTH	ROLLING	XBAND TO EARTH, NEG_Y TO SATURN (0,0,-9.5); MIMI