

TITAN FLYBY T53 SEGMENT		2009-109T08:18:00		002T02:00:00	2009-111T10:18:00			
SP_109TI_WAYPTTURN109_PRIME		2009-109T08:18:00		000T00:40:00	2009-109T08:58:00	NEG_Y TO TITAN	NEG_X TO SUN	
NEW WAYPOINT		2009-109T08:58:00		002T01:57:00	2009-111T10:55:00	NEG_Y TO TITAN	NEG_X TO SUN	
SP_109TI_DEADTIME109_PRIME	V	2009-109T08:58:00		000T00:15:42	2009-109T09:13:42	NEG_Y TO TITAN	NEG_X TO SUN	
CIRS_109TI_FIRNADCMP001_PRIME	C, I, U, V	2009-109T09:13:42	GMB_E109_TITAN53-000T15:07:03	000T05:07:03	2009-109T14:20:45	CIRS_FP1 TO TITAN	PIC	
ISS_109TI_PHOTOMWAC001_PRIME	C, V	2009-109T14:20:45	GMB_E109_TITAN53-000T10:00:00	000T01:00:00	2009-109T15:20:45	ISS_NAC TO TITAN	NEG_X TO SUN	
VIMS_109TI_GLOBCLLOUD01_PRIME	C, I	2009-109T15:20:45	GMB_E109_TITAN53-000T09:00:00	000T04:00:00	2009-109T19:20:45	VIMS_IR TO TITAN	NEG_X TO SUN	
VIMS_109TI_REGCLDMPA001_PRIME	C, I	2009-109T19:20:45	GMB_E109_TITAN53-000T05:00:00	000T02:00:00	2009-109T21:20:45	VIMS_IR TO TITAN	NEG_X TO SUN	
BEGIN CUSTOM PERIOD		2009-109T21:20:45	GMB_E109_TITAN53-000T03:00:00	000T00:00:01	2009-109T21:20:46	NEG_Y TO TITAN	NEG_X TO SUN	
UVIS_109ST_ALPERIT001_PRIME	C, M, V	2009-109T21:20:45	GMB_E109_TITAN53-000T03:00:00	000T01:25:00	2009-109T22:45:45	UVIS_FUV TO 24.429/-57.237 (0.258,0.0,0.0 DEG. OFFSET)	NEG_X TO SUN	PICK UP AT NEG_Y TO TITAN, NEG_X TO SUN; HAND OFF AT UVIS_FUV TO 24.429/-57.237 (0.258,0.0,0.0 DEG. OFFSET), NEG_X TO SUN.
CIRS_109TI_FIRLMBAR001_PRIME	C, I, M, R, U, V	2009-109T22:45:45	GMB_E109_TITAN53-000T01:35:00	000T00:37:10	2009-109T23:22:55	CIRS_FP1 TO TITAN	PIC	PICK UP AT UVIS_FUV TO 24.429/-57.237 (0.258,0.0,0.0 DEG. OFFSET), NEG_X TO SUN; HAND OFF AT CIRS_FP1 TO TITAN, POS_X TO 235.0/-19.0.
CIRS_109TI_FIRLMBT001_PRIME	C, I, M, R, U, V	2009-109T23:22:55	GMB_E109_TITAN53-000T00:57:50	000T00:47:50	2009-110T00:10:45	CIRS_FP1 TO TITAN	PIC	PICK UP AT CIRS_FP1 TO TITAN, POS_X TO 235.0/-19.0; HAND OFF AT ISS_NAC TO SUN (- 20.0,0.0,0.0 DEG. OFFSET), POS_X TO 300.0/42.0.
BEGIN DUAL PLAYBACK SCIENCE		2009-110T00:10:45	GMB_E109_TITAN53-000T00:10:00	000T00:00:01	2009-110T00:10:46			
UVIS_109SU_USUNOCC001_PRIME	M, R, V	2009-110T00:10:45	GMB_E109_TITAN53-000T00:10:00	000T00:36:00	2009-110T00:46:45	ISS_NAC TO SUN (-20.0,0.0,-0.109 DEG. OFFSET)	POS_X TO 300.0/42.0	PICK UP AT ISS_NAC TO SUN (-20.0,0.0,0.0 DEG. OFFSET), POS_X TO 300.0/42.0; HAND OFF AT CIRS_FP1 TO TITAN, PIC. HANDOFF AGREEMENT: PRIMARY: CIR_FP1 TO LAT_VIEW (-30, 90, RHS 0 KM), SECONDARY: POS_Z TO FOV_LIMB (SAME)
109TI (T) T53 TITAN INBOU...		2009-110T00:20:45		000T00:00:01	2009-110T00:20:46			
END DUAL PLAYBACK SCIENCE		2009-110T00:46:45	GMB_E109_TITAN53+000T00:26:00	000T00:00:01	2009-110T00:46:46			
CIRS_109TI_FIRLMBAR002_PRIME	C, I, M, R, U, V	2009-110T00:46:45	GMB_E109_TITAN53+000T00:26:00	000T00:49:00	2009-110T01:35:45	CIRS_FP1 TO TITAN	PIC	PICK UP AT CIRS_FP1 TO TITAN, PIC; HAND OFF AT CIRS_FP1 TO TITAN, PIC. PRIMARY: CIR_FP1 TO LAT_VIEW (-30, 90, RHS 0 KM), SECONDARY: POS_Z TO FOV_LIMB (SAME)
VIMS_109TI_HIRES001_PRIME	C, I, M, R	2009-110T01:35:45	GMB_E109_TITAN53+000T01:15:00	000T00:45:00	2009-110T02:20:45	VIMS_IR TO TITAN	NEG_X TO SUN	PICK UP AT CIRS_FP1 TO TITAN, PIC; HAND OFF AT NEG_Y TO TITAN, NEG_X TO SUN.
END CUSTOM PERIOD		2009-110T02:20:45	GMB_E109_TITAN53+000T02:00:00	000T00:00:01	2009-110T02:20:46	NEG_Y TO TITAN	NEG_X TO SUN	
RADAR_109TI_T53OUTRAD001_PRIME	M	2009-110T02:20:45	GMB_E109_TITAN53+000T02:00:00	000T04:00:00	2009-110T06:20:45	NEG_Z TO TITAN	POS_Y TO NTP	USE +Y_NTP AND -X_NTP FOR 2NDARY AXIS FOR POLARIZATIONS.
VIMS_109TI_MEDRES001_PRIME	C, I	2009-110T06:20:45	GMB_E109_TITAN53+000T06:00:00	000T02:30:00	2009-110T08:50:45	VIMS_IR TO TITAN	NEG_X TO SUN	
ISS_109TI_GLOBMAP001_PRIME	C, V	2009-110T08:50:45	GMB_E109_TITAN53+000T08:30:00	000T00:30:00	2009-110T09:20:45	ISS_NAC TO TITAN	NEG_X TO SUN	
VIMS_109TI_GLOBMAP001_PRIME	C, I	2009-110T09:20:45	GMB_E109_TITAN53+000T09:00:00	000T05:00:00	2009-110T14:20:45	VIMS_IR TO TITAN	NEG_X TO SUN	
CIRS_109TI_MIDIRMAP002_PRIME	C, I, V	2009-110T14:20:45	GMB_E109_TITAN53+000T14:00:00	000T08:00:00	2009-110T22:20:45	CIRS_FP1 TO TITAN	POS_Z TO 238.0/0.0	
SP_109TI_DEADTIME110_PRIME		2009-110T22:20:45	GMB_E109_TITAN53+000T22:00:00	000T00:17:14	2009-110T22:37:59	NEG_Y TO TITAN	NEG_X TO SUN	
SP_109EA_DLTRN110_PRIME		2009-110T22:38:00		000T00:40:00	2009-110T23:18:00	XBAND TO EARTH	POS_X TO 287.03/75.72	
SP_109EA_G70METNON110_PRIME	C, E	2009-110T23:18:00		000T09:00:00	2009-111T08:18:00	XBAND TO EARTH	ROLLING/BIAS	POS_X TO 287.03/75.72
POINTER RESET IN PREPARATIO...		2009-111T08:18:00		000T00:00:01	2009-111T08:18:01			
SP_109EA_C70METNON111_PRIME	C	2009-111T08:18:00		000T02:00:00	2009-111T10:18:00	XBAND TO EARTH	ROLLING	POS_X TO 287.03/75.72