

TITAN FLYBY T70 SEGMENT		2010-171T11:11:00		005T09:59:00	2010-176T21:10:00				
SP_133TI_WAYPTTURN171_PRIME	M	2010-171T11:11:00		000T00:40:00	2010-171T11:51:00	NEG_Y TO TITAN	NEG_X TO SUN		
NEW WAYPOINT		2010-171T11:51:00		002T06:35:00	2010-173T18:26:00	NEG_Y TO TITAN	NEG_X TO SUN		
SP_133TI_DEADTIME171_PRIME	M	2010-171T11:51:00		000T00:15:26	2010-171T12:06:26	NEG_Y TO TITAN	NEG_X TO SUN		
CIRS_133TI_FIRNADCMP001_PRIME	I, M, V	2010-171T12:06:26	GMB_E133_TITAN70-000T13:21:17	000T03:21:17	2010-171T15:27:43	CIRS_FP1 TO TITAN (-1.604,0.0,0.0 DEG. OFFSET)	PIC		
ISS_133TI_PHOTOMWAC001_PRIME	C, M, V	2010-171T15:27:43	GMB_E133_TITAN70-000T10:00:00	000T01:00:00	2010-171T16:27:43	ISS_NAC TO TITAN	POS_X TO 130.3/-39.1		SECONDARY ORIENTATION: NEG_X TO SUN PREFERRED, BUT FLEXIBLE
CIRS_133TI_MIRLMBMAP001_PRIME	I, M, V	2010-171T16:27:43	GMB_E133_TITAN70-000T09:00:00	000T04:00:00	2010-171T20:27:43	CIRS_FP1 TO TITAN	PIC		
CIRS_133TI_FIRNADMAP001_PRIME	I, M, V	2010-171T20:27:43	GMB_E133_TITAN70-000T05:00:00	000T02:45:00	2010-171T23:12:43	CIRS_FP1 TO TITAN	POS_X TO 125.7/-6.0		
BEGIN CUSTOM PERIOD		2010-171T23:12:43	GMB_E133_TITAN70-000T02:15:00	000T00:00:01	2010-171T23:12:44	NEG_Y TO TITAN	NEG_X TO SUN		
CIRS_133TI_FIRLMBINT001_PRIME	I, M, V	2010-171T23:12:43	GMB_E133_TITAN70-000T02:15:00	000T01:02:00	2010-172T00:14:43	CIRS_FP1 TO TITAN	PIC		PICK UP AT NEG_Y TO TITAN, NEG_X TO SUN; HAND OFF AT CIRS_FP1 TO TITAN, PIC. CIRS WILL HAND OFF TO ENGR AT THE ATTITUDE: CIRS_FP1 TO LAT_VIEW 55 N, RHS, 225 KM; +/-Z FOV LIMB (DETERMINED BY RADIATOR CONSTRAINT) AT SAME COORDINATES.
ENGR_133SC_ORSRCS172_PRIME	C, M	2010-172T00:14:43	GMB_E133_TITAN70-000T01:13:00	000T00:01:00	2010-172T00:15:43	CIRS_FP1 TO TITAN	PIC		PICK UP AT CIRS_FP1 TO TITAN, PIC; HAND OFF AT CIRS_FP1 TO TITAN, PIC. DEADBAND=(2,2,2)
CAPS_133TI_T70INPTG001_PRIME	C, M	2010-172T00:15:43	GMB_E133_TITAN70-000T01:12:00	000T00:43:00	2010-172T00:58:43	POS_Y TO COROT	NEG_X TO SUN		PICK UP AT CIRS_FP1 TO TITAN, PIC; HAND OFF AT POS_Y TO COROT, NEG_X TO SUN. CAPS WILL PICK UP AT THE FOLLOWING ATTITUDE: CIRS_FP1 TO TITAN, LAT_VIEW, 55 DEG LATITUDE, 90 DEGREE VIEWING ANGLE, RHS, 125 KM ALTITUDE; POS_Z TO TITAN FOV LIMB, 55 N, RHST...
BEGIN DUAL PLAYBACK SCIENCE		2010-172T00:58:43	GMB_E133_TITAN70-000T00:29:00	000T00:00:01	2010-172T00:58:44				
ENGR_133SC_T70CA001_AACS	C, M	2010-172T00:58:43	GMB_E133_TITAN70-000T00:29:00	000T00:56:00	2010-172T01:54:43	UVIS_FUV TO 201.298/-11.161 (-1.375,0.0,0.0 DEG. OFFSET)	NEG_X TO 215.68/-5.48		PICK UP AT POS_Y TO COROT, NEG_X TO SUN; HAND OFF AT UVIS_FUV TO 201.298/-11.161 (-1.375,0.0,0.0 DEG. OFFSET), NEG_X TO 215.68/-5.48. ADDED POINTING
133TI (T) T70 TITAN OUTBOU...		2010-172T01:27:43		000T00:00:01	2010-172T01:27:44				
END DUAL PLAYBACK SCIENCE		2010-172T01:45:43	GMB_E133_TITAN70+000T00:18:00	000T00:00:01	2010-172T01:45:44				
ENGR_133SC_DFPWBIA5172_PPS	C, M, U, V	2010-172T01:54:43	GMB_E133_TITAN70+000T00:27:00	000T00:21:05	2010-172T02:15:48	UVIS_FUV TO 201.298/-11.161 (-1.375,0.0,0.0 DEG. OFFSET)	NEG_X TO 215.68/-5.48		PICK UP AT UVIS_FUV TO 201.298/-11.161 (-1.375,0.0,0.0 DEG. OFFSET), NEG_X TO 215.68/-5.48; HAND OFF AT UVIS_FUV TO 201.298/-11.161 (-1.375,0.0,0.0 DEG. OFFSET), NEG_X TO 215.68/-5.48. DEADBAND=(0.5,0.5,0.5)
UVIS_133ST_ALPVIRT001_PRIME	C, M, V	2010-172T02:15:48	GMB_E133_TITAN70+000T00:48:05	000T00:18:55	2010-172T02:34:43	UVIS_FUV TO 201.298/-11.161 (-1.375,0.0,0.0 DEG. OFFSET)	NEG_X TO 215.68/-5.48		PICK UP AT UVIS_FUV TO 201.298/-11.161 (-1.375,0.0,0.0 DEG. OFFSET), NEG_X TO 215.68/-5.48; HAND OFF AT UVIS_FUV TO 201.298/-11.161 (-1.375,0.0,0.0 DEG. OFFSET), NEG_X TO 215.68/-5.48.
VIMS_133TI_REGMAP001_PRIME	C, I, M	2010-172T02:34:43	GMB_E133_TITAN70+000T01:07:00	000T00:53:00	2010-172T03:27:43	VIMS_IR TO TITAN	NEG_X TO SUN		PICK UP AT UVIS_FUV TO 201.298/-11.161 (-1.375,0.0,0.0 DEG. OFFSET), NEG_X TO 215.68/-5.48; HAND OFF AT NEG_Y TO TITAN, NEG_X TO SUN.
END CUSTOM PERIOD		2010-172T03:27:43	GMB_E133_TITAN70+000T02:00:00	000T00:00:01	2010-172T03:27:44	NEG_Y TO TITAN	NEG_X TO SUN		
VIMS_133TI_REGMAP002_PRIME	C, I, M	2010-172T03:27:43	GMB_E133_TITAN70+000T02:00:00	000T03:00:00	2010-172T06:27:43	VIMS_IR TO TITAN	NEG_X TO SUN		
VIMS_133TI_MEDRES001_PRIME	C, I, M	2010-172T06:27:43	GMB_E133_TITAN70+000T05:00:00	000T03:30:00	2010-172T09:57:43	VIMS_IR TO TITAN	NEG_X TO SUN		
ISS_133TI_PHOTOMWAC002_PRIME	C, M, V	2010-172T09:57:43	GMB_E133_TITAN70+000T08:30:00	000T00:30:00	2010-172T10:27:43	ISS_NAC TO TITAN	NEG_X TO SUN		SECONDARY ORIENTATION: NEG_X TO SUN PREFERRED, BUT FLEXIBLE
VIMS_133TI_GLOBMAP001_PRIME	C, I, M	2010-172T10:27:43	GMB_E133_TITAN70+000T09:00:00	000T05:00:00	2010-172T15:27:43	VIMS_IR TO TITAN	NEG_X TO SUN		
SP_133TI_DEADTIME172_PRIME	M	2010-172T15:27:43	GMB_E133_TITAN70+000T14:00:00	000T00:15:17	2010-172T15:43:00	NEG_Y TO TITAN	NEG_X TO SUN		
SP_133EA_DLTRN172_PRIME	M	2010-172T15:43:00		000T00:40:00	2010-172T16:23:00	XBAND TO EARTH	POS_X TO NEP		
SP_133EA_M70METSEQ172_PRIME	C, M	2010-172T16:23:00		000T05:37:00	2010-172T22:00:00	XBAND TO EARTH	POS_X TO NEP		
POINTER RESET IN PREPARATIO...		2010-172T22:00:00		000T00:00:01	2010-172T22:00:01				
SP_133EA_G34HEFSEQ172_PRIME	C, M	2010-172T22:00:00		000T06:56:00	2010-173T04:56:00	XBAND TO EARTH	POS_X TO NEP		
SP_133TI_WAYPTTURN173_PRIME	M	2010-173T04:56:00		000T00:40:00	2010-173T05:36:00	NEG_Y TO TITAN	NEG_X TO SUN		
CAPS_133SA_MAGBNDPTG004_PRIME	M	2010-173T05:36:00		000T02:00:00	2010-173T07:36:00	NEG_Y TO TITAN (0.0,50.0,-90.0 DEG. OFFSET)	NEG_X TO SUN		
ISS_133TI_CLOUD001_PRIME	M, V	2010-173T07:36:00		000T10:10:00	2010-173T17:46:00	ISS_NAC TO TITAN	NEG_Z TO 22.0/73.9		SECONDARY ORIENTATION: NEG_X TO SUN PREFERRED, BUT FLEXIBLE
SP_133EA_DLTRN173_PRIME	M	2010-173T17:46:00		000T00:40:00	2010-173T18:26:00	XBAND TO EARTH	POS_X TO NEP		
NEW WAYPOINT		2010-173T18:26:00		000T11:10:00	2010-174T05:36:00	XBAND TO EARTH	POS_X TO NEP		
CAPS_133SA_MAGBNDPTG007_PRIME	M, V	2010-173T18:26:00		000T01:30:00	2010-173T19:56:00	XBAND TO EARTH (45.0,-32.0,0.0 DEG. OFFSET)	POS_X TO NEP		
SP_133EA_G34BWGSEQ173_PRIME	C, M	2010-173T19:56:00		000T09:00:00	2010-174T04:56:00	XBAND TO EARTH	ROLLING/SRU		
SP_133TI_WAYPTTURN174_PRIME	M	2010-174T04:56:00		000T00:40:00	2010-174T05:36:00	NEG_Y TO TITAN	NEG_X TO SUN		
NEW WAYPOINT		2010-174T05:36:00		000T20:20:00	2010-175T01:56:00	NEG_Y TO TITAN	NEG_X TO SUN		
ISS_133TI_CLOUD002_PRIME	M	2010-174T05:36:00		000T06:24:00	2010-174T12:00:00	ISS_NAC TO TITAN	NEG_Z TO 24.7/74.2		SECONDARY ORIENTATION: NEG_X TO SUN PREFERRED, BUT FLEXIBLE
CAPS_133SA_MAGBNDPTG005_PRIME	M	2010-174T12:00:00		000T02:00:00	2010-174T14:00:00	NEG_Y TO TITAN (0.0,36.0,-90.0 DEG. OFFSET)	NEG_X TO SUN		

ISS_133TI_M60R1CLD174_PRIME	C, M, U, V	2010-174T14:00:00	E133_M60R1CLD174+000T00:00:00	000T01:15:00	2010-174T15:15:00	ISS_NAC TO TITAN	NEG_Z TO 26.5/74.3	
CIRS_133RI_POLARIZ173_PRIME	M, V	2010-174T15:15:00		000T10:01:00	2010-175T01:16:00	CIRS_FP1 TO RINGS	PIC	
SP_133EA_DLTURN175_PRIME	M	2010-175T01:16:00		000T00:40:00	2010-175T01:56:00	XBAND TO EARTH	NEG_Y TO 269.0/2.0	
<b>NEW WAYPOINT</b>		<b>2010-175T01:56:00</b>		<b>001T19:54:00</b>	<b>2010-176T21:50:00</b>	<b>XBAND TO EARTH</b>	<b>NEG_Y TO 269.0/2.0</b>	
SP_133EA_C70METOTP175_PRIME	C, E, M, N	2010-175T01:56:00		000T09:00:00	2010-175T10:56:00	XBAND TO EARTH	4_HR_ROLLING	NEG_Y TO 269/2 (SATURN, (0,0,-9.5)); MIMI,CAPS,CDA
ISS_133TI_M60R2CLD175_PRIME	C, M, U, V	2010-175T10:56:00	E133_M60R2CLD175+000T00:00:00	000T01:15:00	2010-175T12:11:00	ISS_NAC TO TITAN	NEG_Z TO 68.011/74.619	
MAG_133SU_CALROLL001_PRIME	M	2010-175T12:11:00		000T06:45:00	2010-175T18:56:00	NEG_X TO SUN (0.0,0.0,-30.0 DEG. OFFSET)	ROLLING	
CIRS_133RI_EQLBS001_PRIME	C, M	2010-175T18:56:00		000T04:15:00	2010-175T23:11:00	CIRS_FP1 TO RINGS	POS_X TO 137.8/73.1	
CAPS_133SA_MAGBNDPTG006_PRIME	M	2010-175T23:11:00		000T04:49:00	2010-176T04:00:00	POS_Y TO COROT (0.0,0.0,43.0 DEG. OFFSET)	POS_X TO NSP	
CDA_133DR_ISD006_PRIME	M	2010-176T04:00:00		000T08:10:00	2010-176T12:10:00	NEG_Z TO EARTH (0.0,0.0,-10.0 DEG. OFFSET)	NEG_X TO NSP	
SP_133EA_M70METOTB176_PRIME	C, E, M, N	2010-176T12:10:00		000T09:00:00	2010-176T21:10:00	XBAND TO EARTH	4_HR_ROLLING	NEG_Y TO 269/2 (SATURN, (0,0,-9.5)); MIMI,CAPS,CDA
SEQUENCE S61, LENGTH = 35 DAYS		2010-176T21:10:00		034T21:41:00	2010-211T18:51:00			