

Request	Riders	Start (SCET)	Start (Epoch)	Duration	End (SCET)	Primary	Secondary	Comments
TITAN FLYBY T68 SEGMENT		2010-139T07:15:00		002T23:45:00	2010-142T07:00:00			
SP_131TI_WAYPTURN139_PRIME	M	2010-139T07:15:00		000T00:40:00	2010-139T07:55:00	NEG_Y TO TITAN	NEG_X TO SUN	
NEW WAYPOINT		2010-139T07:55:00		002T12:35:00	2010-141T20:30:00	NEG_Y TO TITAN	NEG_X TO SUN	
SP_131TI_DEADTIME139_PRIME	M	2010-139T07:55:00		000T00:15:04	2010-139T08:10:04	NEG_Y TO TITAN	NEG_X TO SUN	
CIRS_131TI_MIDIRTMAP001_PRIME	I, M, V	2010-139T08:10:04	GMB_E131_TITAN68-000T19:14:16	000T05:44:16	2010-139T13:54:20	CIRS_FPB TO TITAN	NEG_Z TO 290.6/-72.2	
ISS_131TI_LRMONTOR001_PRIME	C, M, V	2010-139T13:54:20	GMB_E131_TITAN68-000T13:30:00	000T00:30:00	2010-139T14:24:20	ISS_NAC TO TITAN	NEG_X TO SUN	
CIRS_131TI_FIRNADCMP001_PRIME	I, M, R, U, V	2010-139T14:24:20	GMB_E131_TITAN68-000T13:00:00	000T03:00:00	2010-139T17:24:20	CIRS_FP1 TO TITAN	PIC	
ISS_131TI_PHOTOMWAC001_PRIME	C, M, R, V	2010-139T17:24:20	GMB_E131_TITAN68-000T10:00:00	000T01:00:00	2010-139T18:24:20	ISS_NAC TO TITAN	NEG_X TO 306.488/-20.874	PICK UP AT ISS_NAC TO TITAN, NEG_X TO SUN; HAND OFF AT ISS_NAC TO TITAN, NEG_X TO 306.488/-20.874
SP_131EA_DLTURN139_PRIME	M, R	2010-139T18:24:20	GMB_E131_TITAN68-000T09:00:00	000T00:28:00	2010-139T18:52:20	POS_X TO 90.0/20.0	XBAND TO EARTH	PICK UP AT NAC TO TITAN, NEG_X TO 306.488/-20.875, 50 SEC TURN MARGIN
SP_131TI_DLTURN239_PRIME	M, R	2010-139T18:52:20	GMB_E131_TITAN68-000T08:32:00	000T00:12:00	2010-139T19:04:20	XBAND TO EARTH	NEG_Y TO 268.336/-9.876	
SP_131EA_M34BWGNON139_PRIME	M, R	2010-139T19:04:20	GMB_E131_TITAN68-000T08:20:00	000T05:25:39	2010-140T00:29:59	XBAND TO EARTH	NEG_Y TO 268.336/-9.876	
SP_131EA_G34BWGNON139_PRIME	M, R	2010-140T00:29:59	GMB_E131_TITAN68-000T02:54:21	000T07:45:00	2010-140T08:14:59	XBAND TO EARTH	NEG_Y TO 268.336/-9.876	
131TI (T) T68 TITAN OUTBOU...		2010-140T03:24:20		000T00:00:01	2010-140T03:24:21			
SP_131EA_C34BWGNON140_PRIME	M, R	2010-140T08:14:59	GMB_E131_TITAN68+000T04:50:39	000T03:44:21	2010-140T11:59:20	XBAND TO EARTH	NEG_Y TO 268.336/-9.876	
SP_131TI_WAYPTURN140_PRIME	M, R	2010-140T11:59:20	GMB_E131_TITAN68+000T08:35:00	000T00:25:00	2010-140T12:24:20	NEG_Y TO TITAN	NEG_X TO SUN	
CIRS_131TI_FIRNADCMP002_PRIME	I, M, U, V	2010-140T12:24:20	GMB_E131_TITAN68+000T09:00:00	000T04:00:00	2010-140T16:24:20	CIRS_FP1 TO TITAN	PIC	
CIRS_131TI_MIDIRTMAP002_PRIME	I, M, V	2010-140T16:24:20	GMB_E131_TITAN68+000T13:00:00	000T04:40:44	2010-140T21:05:04	CIRS_FPB TO TITAN	NEG_Z TO 310.144/72.951	
SP_131TI_DEADTIME140_PRIME	M	2010-140T21:05:04	GMB_E131_TITAN68+000T17:40:44	000T00:14:55	2010-140T21:19:59	NEG_Y TO TITAN	NEG_X TO SUN	
SP_131EA_DLTURN140_PRIME	M	2010-140T21:20:00		000T00:40:00	2010-140T22:00:00	XBAND TO EARTH	NEG_Y TO 268.23/-10.978	
SP_131EA_M70METNON140_PRIME	C, M, R	2010-140T22:00:00		000T02:30:00	2010-141T00:30:00	XBAND TO EARTH	NEG_Y TO 268.23/-10.978	
SP_131EA_G34BWGNON140_PRIME	C, M, R	2010-141T00:30:00		000T06:30:00	2010-141T07:00:00	XBAND TO EARTH	NEG_Y TO 268.23/-10.978	
SP_131TI_WAYPTURN141_PRIME	M	2010-141T07:00:00		000T00:40:00	2010-141T07:40:00	NEG_Y TO TITAN	NEG_X TO SUN	
ISS_131TI_CLOUD001_PRIME	C, M, V	2010-141T07:40:00		000T02:00:00	2010-141T09:40:00	ISS_NAC TO TITAN	NEG_X TO 77.2/88.7	SECONDARY ORIENTATION: NEG_X TO SUN PREFERRED, BUT FLEXIBLE
CIRS_131TI_COMPMPA001_PRIME	M, V	2010-141T09:40:00		000T08:00:00	2010-141T17:40:00	CIRS_FPB TO TITAN	NEG_Z TO 97.1/88.0	
CAPS_131SA_MAGBNPTG003_PRIME	C, M	2010-141T17:40:00		000T02:10:00	2010-141T19:50:00	POS_X TO 139.18/33.41	POS_X TO 202.46/-34.29	
SP_131EA_DLTURN141_PRIME	C, M	2010-141T19:50:00		000T00:40:00	2010-141T20:30:00	XBAND TO EARTH	POS_X TO NEP	
NEW WAYPOINT		2010-141T20:30:00		000T11:10:00	2010-142T07:40:00	XBAND TO EARTH	POS_X TO NEP	
ENGR_131SC_KPTYBIAS141_PRIME	C, M, V	2010-141T20:30:00		000T01:30:00	2010-141T22:00:00	XBAND TO EARTH	POS_X TO NEP	
SP_131EA_M70METNON141_PRIME	C, M	2010-141T22:00:00		000T02:30:00	2010-142T00:30:00	XBAND TO EARTH	ROLLING/SRU	
SP_131EA_G34HEFNON141_PRIME	C, M	2010-142T00:30:00		000T06:30:00	2010-142T07:00:00	XBAND TO EARTH	ROLLING/SRU	