

|                                |                  |                   |                               |              |                   |                   |                         |                     |
|--------------------------------|------------------|-------------------|-------------------------------|--------------|-------------------|-------------------|-------------------------|---------------------|
| TOST REV 30 SEGMENT            |                  | 2006-281T19:24:00 |                               | 001T23:36:00 | 2006-283T19:00:00 |                   |                         |                     |
| SP_030TI_WAYPTTURN281_PRIME    | M                | 2006-281T19:24:00 |                               | 000T00:30:00 | 2006-281T19:54:00 | ISS_NAC TO TITAN  | NEG X TO SUN            | SP TURN TO WAYPOINT |
| NEW WAYPOINT                   |                  | 2006-281T19:54:00 |                               | 001T23:36:00 | 2006-283T19:30:00 | ISS_NAC TO TITAN  | NEG X TO SUN            |                     |
| SP_030TI_DEADTIME281_PRIME     | M                | 2006-281T19:54:00 |                               | 000T00:22:07 | 2006-281T20:16:07 | ISS_NAC TO TITAN  | NEG X TO SUN            |                     |
| CIRS_030TI_MIDIRMAP006_PRIME   | C, I, M, V       | 2006-281T20:16:07 | GMB_E030_TITAN19-000T21:14:00 | 000T06:14:00 | 2006-282T02:30:07 | CIRS_FP1 TO TITAN | POS X TO NORTH_POLE DIR |                     |
| ISS_030TI_NIGHTNAC001_PRIME    | C, M, V          | 2006-282T02:30:07 | GMB_E030_TITAN19-000T15:00:00 | 000T01:00:00 | 2006-282T03:30:07 | ISS_NAC TO TITAN  | NEG X TO SUN            |                     |
| CIRS_030TI_FIRNADCMP003_PRIME  | C, I, M, V       | 2006-282T03:30:07 | GMB_E030_TITAN19-000T14:00:00 | 000T05:00:00 | 2006-282T08:30:07 | CIRS_FP1 TO TITAN | PIC                     |                     |
| CIRS_030TI_MIRLMBINT002_PRIME  | C, I, M, R, U, V | 2006-282T08:30:07 | GMB_E030_TITAN19-000T09:00:00 | 000T03:40:00 | 2006-282T12:10:07 | CIRS_FP1 TO TITAN | PIC                     |                     |
| RADAR_030TI_T19INRAD001_PRIME  | M                | 2006-282T12:10:07 | GMB_E030_TITAN19-000T05:20:00 | 000T04:00:30 | 2006-282T16:10:37 | NEG_Z TO TITAN    | POS X TO NORTH_POLE DIR |                     |
| RADAR_030TI_T19INSCAT001_PRIME | M                | 2006-282T16:10:37 | GMB_E030_TITAN19-000T01:19:30 | 000T00:27:30 | 2006-282T16:38:07 | NEG_Z TO TITAN    | NEG_Y TO NORTH_POLE DIR |                     |
| ENGR_030SC_RADRCS282_PPS       | M                | 2006-282T16:38:07 | GMB_E030_TITAN19-000T00:52:00 | 000T00:21:15 | 2006-282T16:59:22 | NEG_Z TO TITAN    | NEG_Y TO NORTH_POLE DIR | DEADBAND =(2,2,20)  |
| RADAR_030TI_T19INALT001_PRIME  | M                | 2006-282T17:00:07 | GMB_E030_TITAN19-000T00:30:00 | 000T00:15:00 | 2006-282T17:15:07 | NEG_Z TO TITAN    | NEG_X TO TITAN_SC_RAM   |                     |
| RADAR_030TI_T19INLRES001_PRIME | M                | 2006-282T17:15:07 | GMB_E030_TITAN19-000T00:15:00 | 000T00:08:00 | 2006-282T17:23:07 | NEG_Z TO TITAN    | NEG_X TO TITAN_SC_RAM   |                     |
| RADAR_030TI_T19HISAR001_PRIME  | M                | 2006-282T17:23:07 | GMB_E030_TITAN19-000T00:07:00 | 000T00:14:00 | 2006-282T17:37:07 | NEG_Z TO TITAN    | NEG_X TO TITAN_SC_RAM   |                     |
| 30TI (T) T19 TITAN INBOUND...  |                  | 2006-282T17:30:07 |                               | 000T00:00:01 | 2006-282T17:30:08 |                   |                         |                     |
| RADAR_030TI_T19OTLRES001_PRIME | M                | 2006-282T17:37:07 | GMB_E030_TITAN19+000T00:07:00 | 000T00:08:00 | 2006-282T17:45:07 | NEG_Z TO TITAN    | NEG_X TO TITAN_SC_RAM   |                     |
| RADAR_030TI_T19OTALT001_PRIME  | M                | 2006-282T17:45:07 | GMB_E030_TITAN19+000T00:15:00 | 000T00:15:00 | 2006-282T18:00:07 | NEG_Z TO TITAN    | POS X TO NORTH_POLE DIR |                     |
| ENGR_030SC_RADRWBIAS283_PPS    | M                | 2006-282T18:00:07 | GMB_E030_TITAN19+000T00:30:00 | 000T00:21:41 | 2006-282T18:21:48 | NEG_Z TO TITAN    | POS X TO NORTH_POLE DIR |                     |
| RADAR_030TI_T19OTSCAT001_PRIME | M                | 2006-282T18:22:07 | GMB_E030_TITAN19+000T00:52:00 | 000T00:23:00 | 2006-282T18:45:07 | NEG_Z TO TITAN    | POS X TO NORTH_POLE DIR |                     |
| RADAR_030TI_T19OUTRAD001_PRIME | M                | 2006-282T18:45:07 | GMB_E030_TITAN19+000T01:15:00 | 000T04:05:00 | 2006-282T22:50:07 | NEG_Z TO TITAN    | POS X TO NORTH_POLE DIR |                     |
| CIRS_030TI_MIRLMBINT003_PRIME  | C, I, U, V       | 2006-282T22:50:07 | GMB_E030_TITAN19+000T05:20:00 | 000T02:40:00 | 2006-283T01:30:07 | CIRS_FP1 TO TITAN | PIC                     |                     |
| ISS_030TI_MONITORNAD001_PRIME  | C, V             | 2006-283T01:30:07 | GMB_E030_TITAN19+000T08:00:00 | 000T02:00:00 | 2006-283T03:30:07 | ISS_NAC TO TITAN  | NEG X TO SUN            |                     |
| CIRS_030TI_FIRNADCMP002_PRIME  | C, I, V          | 2006-283T03:30:07 | GMB_E030_TITAN19+000T10:00:00 | 000T05:51:00 | 2006-283T09:21:07 | CIRS_FP1 TO TITAN | PIC                     |                     |
| SP_030TI_DEADTIME283_PRIME     |                  | 2006-283T09:21:07 | GMB_E030_TITAN19+000T15:51:00 | 000T00:08:53 | 2006-283T09:30:00 | ISS_NAC TO TITAN  | NEG_X TO SUN            |                     |
| SP_030EA_DLTURN283_PRIME       |                  | 2006-283T09:30:00 |                               | 000T00:30:00 | 2006-283T10:00:00 | XBAND TO EARTH    | NEG_X TO NEP            | SP TURN TO EARTH    |
| SP_030EA_G70ARRNON283_PRIME    | C, E             | 2006-283T10:00:00 |                               | 000T09:00:00 | 2006-283T19:00:00 | XBAND TO EARTH    | 5_HR_ROLLING            |                     |