

206TI T103

C/A Altitude = 5103 km

Delivered: November 26, 2013

| Start Time | End Time | Prime Activity | Observation Detail | Operational Mode | Telemetry Mode | Comments |
|-------------------|-------------------|-------------------------------|---|------------------|-------------------------------------|---|
| 2014-200T12:26:00 | 2014-200T13:06:00 | SP Turn to Waypoint | NEG_Y to Titan, NEG_X to NTP | DFPW Normal | S_N_ER_3 | |
| 2014-200T13:06:00 | C/A-21:19:59 | OD Uncertainty Dead Time | | DFPW Normal | S_N_ER_3 | |
| C/A-21:19:59 | -14:00 | CIRS | Template A3 (TC1b) | DFPW Normal | S_N_ER_3 | ISS rider |
| -14:00 | -12:00 | ISS | Template D2 (TC1a, TC1b, TN1a, TN2c - could also use TN1c for limb haze layer, depending on geometry if along limb, or TN2d, depending on timing.) | DFPW Normal | S_N_ER_3 | |
| -12:00 | -09:00 | CIRS | Template D2 (TN1c) | DFPW Normal | S_N_ER_3 | VIMS rider |
| -09:00 | -05:00 | VIMS | Template I (TC1a and TN2c) | DFPW Normal | S_N_ER_3 | |
| -05:00 | -02:15 | VIMS | Template Y (TC1a, TN1a depending on pointing, and TN2c) | DFPW Normal | S_N_ER_3 | |
| -02:15 | -01:40 | CIRS | (TN1c) | DFPW Normal | S_N_ER_3 | |
| -01:40 | -00:45 | CIRS | Template K (TN1c) | DFPW Normal | S_N_ER_3 | AlpEri occultation disappeared between SM-7A and 091005 trajectories. CIRS/UVIS time swap between outbound and inbound. |
| -00:45 | 0 | UVIS | Solar Occultation, Ingress: -00:25 to -00:04 (TN1c) | DFPW Normal | S_N_ER_3 | |
| 2014-201T10:40:59 | | CLOSEST APPROACH | UVIS Solar Port to SUN (TC2a) | | | |
| 0 | +00:10 | UVIS | Solar Occultation (TN1c) | DFPW Normal | S_N_ER_3 | |
| +00:10 | +00:31 | UVIS | Solar Occultation, Egress (TN1c) | DFPW Normal | S_N_ER_3 | |
| +00:31 | +00:50 | UVIS | UVIS Limb Stare (TN1c) | DFPW Normal | S_N_ER_3 | |
| +00:50 | +03:00 | UVIS | Stellar Occultation: Alpha Eridani, Ingress (TN1c) | DFPW Normal | S_N_ER_3 | AlpEri surface occultation disappeared between SM-7A and 091005 trajectories. Atmospheric occultation. |
| +03:00 | +05:00 | CIRS | Template T, modified (TN2c, surface temperature) | DFPW Normal | S_N_ER_3 | |
| +05:00 | +09:00 | CIRS | Template R (TN1c or TC1b, decided in implementation) | DFPW Normal | S_N_ER_3 | |
| +09:00 | +12:00 | CIRS | Template D2 reversed (TN1c) | DFPW Normal | S_N_ER_3 | VIMS rider |
| +12:00 | C/A+15:19:01 | ISS | Template D2 reversed (TC1a, TC1b, TN1a, TN2c - could also use TN1c for limb haze layer, depending on geometry if along limb, or TN2d, depending on timing.) | DFPW Normal | S_N_ER_3 | |
| C/A+15:19:01 | 2014-202T02:15:00 | OD Uncertainty Dead Time | | DFPW Normal | S_N_ER_3 | |
| 2014-202T02:15:00 | 2014-202T02:55:00 | SP Turn to Earth for Downlink | XBAND to Earth, NEG_Y to Saturn (0.0, 0.0, -9.5 deg offset) | DFPW Normal | S_N_ER_3 | Secondary pointing is MIMI preference |
| 2014-202T02:55:00 | 2014-202T04:25:00 | Y-Bias Window | | DFPW Normal | S_N_ER_3 | |
| 2014-202T04:25:00 | 2014-202T13:25:00 | Canberra 70M | | DFPW Normal | RTE_N_SPB | Rolling |
| 2014-202T13:25:00 | 2014-202T15:25:00 | Madrid 70M | | DFPW Normal | RTE_N_SPB | Rolling, Dual playback for UVIS Occultation, -00:35 to +00:31 |
| 2014-202T15:25:00 | 2014-202T17:25:00 | Earth pointed, no Downlink | | DFPW Normal | S_N_ER_2 | Save time for possible use in SIP for additional downlink/34m conversion |
| 2014-202T17:25:00 | 2014-202T18:05:00 | SP Turn to Waypoint | NEG_Y to Titan, NEG_X to 353.0/28.0 | DFPW Normal | S_N_ER_3 | |
| 2014-202T18:05:00 | 2014-202T23:05:00 | ISS | ISS mosaic at first, then sit and stare for CIRS and VIMS (TN2c, TN2d) | DFPW Normal | S_N_ER_3 | |
| 2012-202T23:05:00 | 2012-203T04:05:00 | ISS | ISS mosaic at first, then sit and stare for CIRS and VIMS (TN2c, TN2d) | DFPW Normal | S_N_ER_3 | |
| 2012-203T04:05:00 | 2012-203T08:05:00 | ISS | ISS mosaic at first, then sit and stare for CIRS and VIMS (TN2c, TN2d) | DFPW Normal | S_N_ER_3 | |
| 2012-203T08:05:00 | 2012-203T12:05:00 | ISS | ISS mosaic at first, then sit and stare for CIRS and VIMS (TN2c, TN2d) | DFPW Normal | S_N_ER_3 | |
| 2012-203T12:05:00 | 2014-203T15:30:00 | ISS | ISS mosaic at first, then sit and stare for CIRS and VIMS (TN2c, TN2d) | RADWU | S_N_ER_5A for 15 min, then S_N_ER_3 | |
| 2014-203T15:30:00 | 2014-203T17:30:00 | RADAR | Radiometry Calibration | RADWU | S_N_ER_8 | |
| 2014-203T17:30:00 | 2014-203T18:30:00 | ISS | ISS mosaic (TN2c, TN2d) | DFPW Normal | S_N_ER_3 | |
| 2014-203T18:30:00 | 2014-203T19:10:00 | SP Turn to Earth for Downlink | XBAND to Earth, NEG_Y to Saturn (0.0, 0.0, -9.5 deg offset) | DFPW Normal | S_N_ER_3 | Secondary pointing is MIMI-preference |
| 2014-203T19:10:00 | 2014-203T20:40:00 | Y-Bias Window | | DFPW Normal | S_N_ER_3 | |
| 2014-203T20:40:00 | 2014-204T05:40:00 | Goldstone 34M | | DFPW Normal | RTE_N_SPB | Rolling/SRU |