

069TI T44

C/A Altitude = 1316 km

Delivered: December 06, 2007

| Start Time | End Time | Prime Activity | Observation Detail | Operational Mode | Telemetry Mode | Comments |
|-------------------|-----------|-------------------------------|--|------------------|---|---|
| 148T04:43 | 148T05:13 | SP Turn to Waypoint | ISS_NAC to Titan, POS_X to NTP | DFPW Normal | S_N_ER_3 | |
| 148T05:13 | 148T05:29 | OD Uncertainty Dead Time | | DFPW Normal | S_N_ER_3 | |
| -1T03:05 | -1T00:05 | CIRS-Rings Observation | Out-of-Discipline: Rings | DFPW Normal | S_N_ER_3 | |
| -1T00:05 | -16:00 | CIRS | Template M (modified), Mid-IR Temperature Map | DFPW Normal | S_N_ER_3 | |
| -16:00 | -15:00 | ISS | Template M | DFPW Normal | S_N_ER_3 | |
| -15:00 | -13:00 | CIRS | Template M | DFPW Normal | S_N_ER_3 | |
| -13:00 | -09:00 | VIMS | Template O, Cloud Map | DFPW Normal | S_N_ER_3 | |
| -09:00 | -05:00 | UVIS | Template P, EUVFUV | DFPW Normal | S_N_ER_3 | |
| -05:00 | -03:00 | UVIS | Template U, EUVFUV | RADWU | S_N_ER_5A for 15 min, then S_N_ER_3 at -04:45 | |
| -03:00 | -02:00 | ISS | Template U | RADWU | S_N_ER_3 | |
| -02:00 | -01:59 | RWA to RCS Transition | | RADRCs | S_N_ER_3 | set deadband to (2, 2, 20 mrad) |
| -01:59 | -01:51 | SP Turn to Waypoint | NEG_Z to Titan, NEG_X to 276/-56 | RADRCs | S_N_ER_8 | |
| -01:51 | -0:30 | RADAR | Scatterometry | RADRCs | S_N_ER_8 | |
| -0:30 | -0:15 | RADAR | Altimetry | RADRCs | S_N_ER_8 | |
| -0:15 | -0:07 | RADAR | SAR | RADRCs | S_N_ER_8 | |
| -0:07 | 0:07 | RADAR | High-Resolution SAR | RADRCs | S_N_ER_8 | |
| 2008-149T08:24:32 | | CLOSEST APPROACH | | | | |
| 0:07 | +0:15 | RADAR | SAR | RADRCs | S_N_ER_8 | |
| +0:15 | +0:30 | RADAR | Altimetry | RADRCs | S_N_ER_8 | |
| +00:30 | +00:52 | RCS to RWA Transition | | RADRWA | S_N_ER_8 | |
| +00:52 | +01:39 | RADAR | Scatterometry | RADRWA | S_N_ER_8 | |
| +01:39 | +04:35 | RADAR | Template E, Radiometry | RADRWA | S_N_ER_8 | |
| +04:35 | +05:05 | RADAR Turn back to Waypoint | | RADRWA | S_N_ER_8 | |
| +05:05 | +05:24 | SP Turn to new Waypoint | NEG_Y to Titan, NEG_X to Sun | RADRWA | S_N_ER_3 | |
| +05:24 | +08:36 | ISS | Template H, Global Map | DFPW Normal | S_N_ER_3 | |
| +08:36 | +09:00 | ISS | Template H, WAC Photometry | DFPW Normal | S_N_ER_3 | |
| +09:00 | +11:00 | CIRS | Template D, pointing uses FP1 Body Vector | DFPW Normal | S_N_ER_3 | |
| +11:00 | +13:00 | ISS | Template D, Mosaic | DFPW Normal | S_N_ER_3 | |
| +13:00 | +14:00 | VIMS | Template D, Regional Map | DFPW Normal | S_N_ER_3 | |
| +14:00 | +16:00 | VIMS | Template B (modified), Global Map | DFPW Normal | S_N_ER_3 | |
| +16:00 | 150T00:47 | OD Uncertainty Dead Time | | DFPW Normal | S_N_ER_3 | |
| 150T00:47 | 150T01:18 | SP Turn to Earth for Downlink | XBAND to Earth, POS_X to NEP | DFPW Normal | S_N_ER_3 | |
| 150T01:18 | 150T03:18 | Goldstone 34M | | DFPW Normal | RTE_N_SPB | Rolling |
| 150T03:18 | 150T12:12 | VIMS | Template B (modified), Global Map, VIMS picks up at NEG_Z to Earth | DFPW Normal | S_N_ER_3 | |
| 150T12:12 | 150T21:12 | Madrid 70M Array | | DFPW Normal | RTE_N_SPB | Rolling for 1st 5 hours of downlink, Dual Playback for RADAR, -00:23 to 00:00 |