Revolution 507 Pass Summary
(DOY 341 16:54 z to DOY 344 12:41 z)

Target

The observations in revolution 507 consisted entirely of a raster dither of the Galactic Plane Region 3, lasting ~58.9 hours.

Throughout these observations all instruments were in their nominal science modes, except JEM-X2, which is switched off. The TM allocation was IBIS 180; SPI 46; JEM-X1 15; JEM-X2 0; OMC 5.

Ground Station Coverage

Real Coverage (Before Playback)

Redu VC0	Redu VC7	Goldstone VC0	Goldstone VC7
99.99%	99.98%	Not Used	Not Used

Total Number of Slew = 61

Missed Slews = 0

Missed Pointings = 0

Definitions:

⇨ A **Slew** is **LOST** (wrt the planning) if not performed at the expected time reported in T/L.

⇨ A **Scientific Pointing** is **LOST** if Attitude or OTF or PID (>0), are not reached at the expected time in T/L and for the entire planned duration of the pointing (PDUR).

⇨ **NO** univocal definition can be given for **Pointing Partially LOST**/executed because depending by many factors like instrument configuration, BCPKT setting, histogram downloading, therefore this case shall not be considered/mentioned.

⇨ **Inside Radiation Belts**, where no science is produced, if a **Slew** is **LOST** from the T/L, but performed later on with a recovery, the **Pointing** is **NOT** considered **LOST**.

Problem Areas & Not Planned Events

DOY-Time	Description
341 PP Rev 506 – 507	New IODB release 3.1_50 distributed to all the servers and clients. Servers configuration files modified to support new saved synthetic parameters.
341-16:53	AOS Redu Revolution started with IBIS; OMC; JEM-X1 disabled in the A/S because high radiations.

Revolution 507 Pass Summary
(DOY 341 16:54 z to DOY 344 12:41 z)

DOY-Time	Description
341 17:00 – 20:33	Some error occurred while re-editing the config files during the DB installation caused problem in storing data on the Consolidated Archive. Problem fixed by Analyst and SWS and TM playback executed.
341-18:32	Some few TM Bad Frames received while Redu tracking.
341 18:58-19:10	JEM-X1 enabled in the A/S to uplink automatically the Seq. KEACAL01; then disabled again.
341-19:16	Radiation Belt exit > Still high radiation
341 19:17-19:22	IBIS enabled in the A/S to uplink automatically the Seq. GEBENT02; then disabled again.
341-19:20	Executed FCP JEM1 0040 to configure JEM-X1 is safe mode again, after that, at Radiation Belt the operation mode changed automatically to "Setup".
341 20:24-20:33	TM drop while Redu tracking.
341-21:08	Low Limit value of TM Para E2135 "SAS RTM L2" changed at real time from 50.0 to 0.0 /Reason for the action: Not reported. / The value was changed back to 50.0 on 342T10:22.
342 00:18>	Execution of FCP_DHS_1301 "DRMC Flag set to DISREGARD".
342 15:06-15:11	Deleted the TT commands of the sequence ES0180 "Stop SPI Annealing". / Sequence re-uplinked having TT commands execution time = 348.13.06.00