

Revolution 276 Pass Summary

(DOY 016 00:17 to DOY 018 20:20)

Target

The activities in revolution 276 began with 14 pointings of a GPS lasting ~10 hours. A raster dithering observation of the Coma Cluster (RA 12:59:48.70; DEC +27:58:50.0) was then performed for the remaining ~50 hours of observation time.

During these observations all instruments were planned to be in their nominal science modes, except JEM-X2 for which the DFEE remained off. However, all instruments spent a considerable part of this revolution in their safe modes due to high background radiation conditions as a result of a solar flare. The TM allocation was IBIS 129; SPI 103; JEM-X1 8; JEM-X2 1; OMC 5.

Ground Station Coverage

Real Coverage

Redu VC0	Redu VC7	Goldstone VC0	Goldstone VC7
99,90 %	99,92 %	97,55 %	97,81 %

Total Number of Slew = 73

Missed Slews = 0

Problem Areas & Major Events Outside Routine

DoY / Time	Description
016 - 02:36	Reset JEM-X1 RMC flags after JEM-X1 anode calibration, INT_OR_0189
016 - 02:46	TC A3085 from Timeline unverified in TCH
016 - 02:52	OMC to Stand-By, high radiation
016 - 03:03	Man. PST update, INT_OR_0190
016 - 03:37	IBIS to Stand-By due to high radiation, to Science-Stand. At 07:15
016 - 11:31	JEMX-1 to safe mode
016 - 13:37	Error sending data ISDC, TM flow at 13:57
016 - 14:20	IBIS IASW switch off
016 - 15:00	Man. PST update, INT_OR_0190
017 - 04:42	Bitlock toggled in/out several times
017 - 14:10	TM E3544 OOL

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018 - 15:53	TM lost from DSS-16, back at 15:58
018 - 16:09	FDS failed autom. update job, manually recovered
018 - 17:52	Bad frames from DSS-16
018 - 18:19	Bad frames from DSS-16
018 - 18:25	TM lost from DSS-16, back at 18:26
018 - 18:27	RFI at DSS-16