

Status Report on Polar MFE Data Processing

August 5, 2005

Since July we have been focusing on processing the MFE data that contain 8.3-Hz data for Science Mode 1 intervals and 25-Hz data for Science Mode 2 intervals. The table below shows the status of the various segments in processing the MFE data.

| | Months Completed | Months in Process | Received not processed | % Complete |
|----------------------------------|-------------------|-------------------|------------------------|------------|
| Timing Table | 100 (up to 6/04) | 7/04 | 8/04 – 5/05 | 90% |
| Attitude Data Smoothing | 104 (up to 10/04) | 11/04 | 12/04 – 5/05 | 94% |
| Offset Calculation | 99 (up to 5/04) | 6/04 | 7/04 – 5/05 | 89% |
| Level 0 Rotation | 99 (up to 5/04) | 6/04 | 7/04 – 5/05 | 89% |
| Coupling Matrix Calculation | 99 (up to 5/04) | 6/04 | 7/04 – 5/05 | 89% |
| Preliminary High-resolution Data | 99 (up to 5/04) | 6/04 | 7/04 – 5/05 | 89% |
| Data Correction | 99 (up to 5/04) | 6/04 | 7/04 – 5/05 | 89% |
| Magnetometer Calibration | 99 (up to 5/04) | 6/04 | 7/04 – 5/05 | 89% |
| Level 1 Processing | 99 (up to 5/04) | 6/04 | 7/04 – 5/05 | 89% |
| Data Inspection | 99 (up to 5/04) | 6/04 | 7/04 – 5/05 | 89% |
| Key Parameters | 99 (up to 5/04) | 6/04 | 7/04 – 5/05 | 89% |
| Web Data Server | 99 (up to 5/04) | 6/04 | 7/04 – 5/05 | 89% |

Reprocessing (for 1996-1999 data)

- 03-06/1996 data resubmitted