

Report on Polar MFE Data Processing

September 2002

Since last report we have produced the KP and final MFE data for July and August 2001. The old CDHF server that we used to upload data is no longer available, and we will submit the July and August 2001 data when the new server is ready. The timing table is again up to date, and we are working on the data for September-November 2001. The table below shows all the segments in processing Polar MFE data and their statuses.

(As of October 4, 2002)

| | Months Completed | Months in Process | Received not processed | % Complete |
|----------------------------------|------------------|-------------------|------------------------|------------|
| Timing Table | 79 (up to 9/02) | 10/02 | NA | 100% |
| Attitude Data Smoothing | 73 (up to 3/02) | 04/02 | 5/02 – 9/02 | 92% |
| Offset Calculation | 70 (up to 12/01) | 1/02 | 2/02 – 9/02 | 89% |
| Level 0 Rotation | 69 (up to 11/01) | 12/01 | 1/02 – 9/02 | 87% |
| Coupling Matrix Calculation | 69 (up to 11/01) | 12/01 | 1/02 – 9/02 | 87% |
| Preliminary High-resolution Data | 69 (up to 11/01) | 12/01 | 1/02 – 9/02 | 87% |
| Magnetometer Calibration | 69 (up to 11/01) | 12/01 | 1/02 – 9/02 | 87% |
| Level 1 Processing | 66 (up to 8/01) | 9/01-11/01 | 12/01 – 9/02 | 84% |
| Data Inspection | 66 (up to 8/01) | 9/01-11/01 | 12/01 – 9/02 | 84% |
| Key Parameters | 66 (up to 8/01) | 9/01-11/01 | 12/01 – 9/02 | 84% |
| Web Data Server | 64 (up to 6/01) | 7/01-11/01 | 12/01 – 9/02 | 81% |