

Report on Polar MFE Data Processing

May 13, 2003

Since the last report we have produced the KP and final MFE data for May of 2002. The timing table is again up to date, and we are working on the data for June, July and August, 2002. The table below shows all the segments in processing Polar MFE data and their statuses. We note that all major data gaps in the level zero in the period August 2002 through April 2003 have recently been filled.

	Months Completed	Months in Process	Received not processed	% Complete
Timing Table	85 (up to 4/03)	5/03	NA	100%
Attitude Data Smoothing	79 (up to 9/02)	10/02	11/02 – 4/03	93%
Offset Calculation	78 (up to 8/02)	9/02	10/02 – 4/03	92%
Level 0 Rotation	78 (up to 8/02)	9/02	8/02 – 4/03	92%
Coupling Matrix Calculation	78 (up to 8/02)	9/02	10/02 – 4/03	92%
Preliminary High-resolution Data	76 (up to 6/02)	7/02	8/02 – 4/03	89%
Magnetometer Calibration	75 (up to 5/02)	6/02	7/02 – 4/03	88%
Level 1 Processing	75 (up to 5/02)	6/02	7/02 – 4/03	88%
Data Inspection	75 (up to 5/02)	6/02	7/02 – 4/03	88%
Key Parameters	75 (up to 5/02)	6/02	7/02 – 4/03	88%
Web Data Server	75 (up to 5/02)	6/02	7/02 – 4/03	88%