

# Status Report on Polar MFE Data Processing

March 6, 2008

The table below shows the status of the various segments in processing the recent MFE data.

	Months Completed	Months in Process	Received not processed	% Complete (of 144 months in total)
Timing Table	138 (up to 8/07)	9/07	10/07 – 2/08	96%
Attitude Data Smoothing	140 (up to 10/07)	11/07	12/07 – 2/08	97%
Offset Calculation	134 (up to 4/07)	5/07	6/07 – 2/08	93%
Coupling Matrix Calculation	134 (up to 4/07)	5/07	6/07 – 2/08	93%
Preliminary High-resolution Data	133 (up to 3/07)	4/07	5/07 – 2/08	92%
Data Correction	133 (up to 3/07)	4/07	5/07 – 2/08	92%
Magnetometer Calibration	133 (up to 3/07)	4/07	5/07 – 2/08	92%
Level 1 Processing	133 (up to 3/07)	4/07	5/07 – 2/08	92%
Data Inspection	133 (up to 3/07)	4/07	5/07 – 2/08	92%
Key Parameters	133 (up to 3/07)	4/07	5/07 – 2/08	92%
Web Data Server	133 (up to 3/07)	4/07	5/07 – 2/08	92%

## Re-processing (1996-1999 data)

Since last report we reprocessed the data for October-December 1999 and completed the first phase of the reprocessing. These reprocessed data include the latest IGRF and Tsyganenko reference fields. We are planning on the next phase of the reprocessing for the data starting from 2000.

Months Completed	Months in Process	% Complete (of 46 months in total)
46 (12/99)	---	100%