

# Status Report on Polar MFE Data Processing

August 29, 2007

The table below shows the status of the various segments in processing the recent MFE data. Since last report we have submitted data for September 2006.

	Months Completed	Months in Process	Received not processed	% Complete (of 136 months in total)
Timing Table	136 (up to 6/07)	None	None	100%
Attitude Data Smoothing	132 (up to 2/07)	3/07	4/07 – 6/07	97%
Offset Calculation	128 (up to 10/06)	11/06	12/06 – 6/07	94%
Coupling Matrix Calculation	128 (up to 10/06)	11/06	12/06 – 6/07	94%
Preliminary High-resolution Data	127 (up to 9/06)	10/06	11/06 – 6/07	93%
Data Correction	127 (up to 9/06)	10/06	11/06 – 6/07	93%
Magnetometer Calibration	127 (up to 9/06)	10/06	11/06 – 6/07	93%
Level 1 Processing	127 (up to 9/06)	10/06	11/06 – 6/07	93%
Data Inspection	127 (up to 9/06)	10/06	11/06 – 6/07	93%
Key Parameters	127 (up to 9/06)	10/06	11/06 – 6/07	93%
Web Data Server	127 (up to 9/06)	10/06	11/06 – 6/07	93%

## Re-processing (1996-1999 data)

Since last report we re-processed the data for April – August 1998 using the new code that includes the latest IGRF and Tsyganenko reference fields.

Months Completed	Months in Process	% Complete (of 46 months in total)
30 (up to 8/98)	9/98	65%