

Status Report on Polar MFE Data Processing

September 28, 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 October 2006.

	Months Completed	Months in Process	Received not processed	% Complete (of 137 months in total)
Timing Table	136 (up to 6/07)	7/07	None	99%
Attitude Data Smoothing	136 (up to 6/07)	7/07	None	99%
Offset Calculation	129 (up to 11/06)	12/06	1/07 – 7/07	94%
Coupling Matrix Calculation	129 (up to 11/06)	12/06	1/07 – 7/07	94%
Preliminary High-resolution Data	128 (up to 10/06)	11/06	12/06 – 7/07	93%
Data Correction	128 (up to 10/06)	11/06	12/06 – 7/07	93%
Magnetometer Calibration	128 (up to 10/06)	11/06	12/06 – 7/07	93%
Level 1 Processing	128 (up to 10/06)	11/06	12/06 – 7/07	93%
Data Inspection	128 (up to 10/06)	11/06	12/06 – 7/07	93%
Key Parameters	128 (up to 10/06)	11/06	12/06 – 7/07	93%
Web Data Server	127 (up to 9/06)	10/06	11/06 – 7/07	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)
32 (up to 10/98)	11/98	70%