

Status Report on Polar MFE Data Processing

March 22, 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 April and May 2006.

	Months Completed	Months in Process	Received not processed	% Complete (of 132 months in total)
Timing Table	130 (up to 12/06)	1/07	2/07	98%
Attitude Data Smoothing	128 (up to 10/06)	11/06	12/06 – 2/07	97%
Offset Calculation	123 (up to 5/06)	6/06	7/06 – 2/07	93%
Coupling Matrix Calculation	123 (up to 5/06)	6/06	7/06 – 2/07	93%
Preliminary High-resolution Data	123 (up to 5/06)	6/06	7/06 – 2/07	93%
Data Correction	123 (up to 5/06)	6/06	7/06 – 2/07	93%
Magnetometer Calibration	123 (up to 5/06)	6/06	7/06 – 2/07	93%
Level 1 Processing	123 (up to 5/06)	6/06	7/06 – 2/07	93%
Data Inspection	123 (up to 5/06)	6/06	7/06 – 2/07	93%
Key Parameters	123 (up to 5/06)	6/06	6/06 – 2/07	93%
Web Data Server	123 (up to 5/06)	6/06	6/06 – 2/07	93%

Re-processing (1996-1999 data)

In the last month we re-processed the data for October-November 1997 using the new code that includes the latest IGRF and Tsyganenko reference fields.

Months Completed	Months in Process	% Complete (of 46 months in total)
21 (up to 11/97)	12/97	46%