

Status Report on Polar MFE Data Processing

August 24, 2006

After last status report, we processed and submitted one more month of recent MFE data (December 2005). During the same time we also made a major upgrade on our processing routines and replaced the older version of IGRF and Tsyganenko reference fields by IGRF-10 and TS04 (now in the Key Parameter Data). The table below shows the status of the various segments in processing the MFE data.

	Months Completed	Months in Process	Received not processed	% Complete
Timing Table	121 (up to 3/06)	4/06	5/06 – 7/06	97%
Attitude Data Smoothing	123 (up to 5/06)	6/06	7/06	98%
Offset Calculation	120 (up to 2/06)	3/06	4/06 – 7/06	96%
Coupling Matrix Calculation	120 (up to 2/06)	3/06	4/06 – 7/06	96%
Preliminary High-resolution Data	120 (up to 2/06)	3/06	3/06 – 7/06	96%
Data Correction	119 (up to 1/06)	2/06	3/06 – 7/06	95%
Magnetometer Calibration	119 (up to 1/06)	2/06	3/06 – 7/06	95%
Level 1 Processing	119 (up to 1/06)	2/06	2/06 – 7/06	95%
Data Inspection	118 (up to 12/05)	1/06	2/06 – 7/06	94%
Key Parameters	118 (up to 12/05)	1/06	2/06 – 7/06	94%
Web Data Server	118 (up to 12/05)	1/06	2/06 – 7/06	94%

Re-processing (1996-1999 data)

We are in the process to revise the 1996-1999 data with the new reference fields.