NAME

mbm_fmtvel – Extract sound velocity info from Hydrosweep data files and create output in tabular format.

VERSION

Version 5.0

SYNOPSIS

mbm_fmtvel [**–F***format* **–I***infilename* **]**

DESCRIPTION

mbm_fmtvel is a macro that scans a Hydrosweep swath sonar data file using the program **mbhsdump** and generates a list in columnar format with time, date, latitude, longitude, C-mean, and C-keel entrys. Comment records (lines) at the top of the output begin with '#'. The columns are tab-delimited. The only allowed formats are 21 (raw Hydrosweep data) and 24 (L-DEO in-house binary Hydrosweep data).

AUTHORSHIP

David W. Caress (caress@mbari.org)
Monterey Bay Aquarium Research Institute
Dale N. Chayes (dale@ldeo.columbia.edu)
Lamont-Doherty Earth Observatory
Suzanne H. O'Hara (sohara@ldeo.columbia.edu)
Lamont-Doherty Earth Observatory

OPTIONS

–F *format*
Sets the format for the input swath sonar data using **MBIO** integer format identifiers. The only allowed formats are 21 (raw Hydrosweep data) and 24 (L-DEO in-house binary Hydrosweep data).

–I *infilename*
Data file from which the input data will be read.

SEE ALSO

mbsystem(1)

BUGS

Only one output format is currently supported.