

**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***filename* ]

**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 entries. 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).

**MB-SYSTEM AUTHORSHIP**

David W. Caress  
Monterey Bay Aquarium Research Institute  
Dale N. Chayes  
Center for Coastal and Ocean Mapping  
University of New Hampshire  
Christian do Santos Ferreira  
MARUM - Center for Marine Environmental Sciences  
University of Bremen

**ALSO CONTRIBUTED TO THIS PROGRAM**

Suzanne H. O'Hara  
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** *filename*  
Data file from which the input data will be read.

**SEE ALSO**

**mbsystem(1)**

**BUGS**

Only one output format is currently supported.