## NAME

**mbhsdump –** lists the information contained in Hydrosweep DS data files.

## VERSION

Version 5.0

## SYNOPSIS

**mbhsdump** [**–F***format* **–I***infile* **–O***kind* **–V –H***]*

## DESCRIPTION

**mbhsdump** lists the information contained in data records on Hydrosweep DS data files, including survey, calibrate, water velocity and comment records. The default input stream is stdin. Prior to version 5.4 this program was named hsdump.

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## OPTIONS

**–F** *format*
Sets the format for the input and output swath sonar data using **MBIO** integer format identifiers. This program is specific to Hydrosweep DS data, and cannot be used with data from any other swath sonar system or with data in a Hydrosweep format that does not include water velocity records. Currently, the two formats which can be used are the raw Hydrosweep DS format (**MBIO** id 21) and the L-DEO in-house binary Hydrosweep format (**MBIO** id 24). Default: *format* = 5.

**–H** This "help" flag causes the program to print out a description of its operation and then exit immediately.

**–I** *infile*
Data file from which the input data will be read. If no input file is specified, the input will be read from stdin. Default: *infile* = stdin.

**–O** *kind*
Sets the kind of data record which will be listed, where the choices for kind include:
1: Survey data record
2: Comment record
3: Calibrate data record
4: Mean velocity data record
5: Velocity profile data record
6: Standby data record
7: Navigation source data record
This option can be given multiple times to set more than one kind of data record for listing.

**–V** Normally, **mbhsdump** lists only the contents of the data records which are specified with the **–O** option. If the **–V** flag is given, then **mbhsdump** works in a "verbose" mode and outputs the program version being used, any comment records encountered in the data stream, and all error status messages.

## EXAMPLES

Suppose one wishes to list out the water velocity records contained in the raw Hydrosweep (format 21) file hsraw. The following will suffice:

mbhsdump −F21 −O4 −O5 −Ihsraw

## SEE ALSO

**mbsystem**(1), **mbinfo**(1), **mblist**(1)

## BUGS

Other than the name change, this program hasn't been altered in this century. It is probably stale.