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## EK60 Echosounder Data

The EK60 is a scientific single-beam echosounder that can operate up to seven frequencies simultaneously. Files are provided in the manufacturer's format as collected during maintenance cruises.

[Oceans 3.0 API filter](#): dataProductCode=EK60ED

### Revision History

1. 2014-01-23: .zip containing manufacturer .idx, .bot, .raw formats released

### Formats

There is a .idx, .bot, and .raw file available for each time period. These are provided in a zipped directory. Files may be read using Kongsberg's ER60 software.

[Oceans 3.0 API filter](#): extension=zip

#### IDX

The index files (**.idx**) are files automatically generated by the echo sounder to navigate through the .raw files.

#### BOT

Bottom files are automatically generated by the echo sounder, and each bottom file is paired with the \*.idx and \*.raw files for the same raw data. The bottom files contain the depth for each ping as detected by the echo sounder.

#### RAW

Raw data are stored in the \*.raw format. These are the files recorded by the echo sounder(s) that have provided the information.

### Examples

Not available at this time

### Discussion

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