



### Software Release Note

#### Release 17.2

- Hydrophone

Hydrophones are added, and can be installed under **Transducer Installation**.

- Spectrum Information pane

The spectrum information pane is added for hydrophone systems.

- Spectrogram echogram

A new echogram view for hydrophone systems.

- Sound Velocity Profile

You can now have the Sound Velocity Profile input over the network.

- Moving views

You can now move the different views and channels around the screen as you please.

#### Release 17.1.1

##### Improvements

- Transducer Odom-TM24-20

Transducer Odom-TM24-20 is now available for use.

#### Release 17.1

- **BITE**

The Built-in test equipment is now available in the **Setup** menu.

- New filters available

Low noise, low resolution, standard resolution and high resolution are available in the **Normal**

**Operation** dialog box. We also have full resolution for 15 and 24 kHz transducers.

- External trigger

We now support external trigger signals to the WBTs auxiliary plug.

- TIFF

It is now possible to log processed data files as Tagged Image File Format.

- **Start Range**

It is now possible to select Auto for **Start Range**.

- Remote control

It is now possible to log processed data with remote control and the filename can be part of the output.

- High power WBT

We now support high power WBTs.

- CW

We now support variable frequency in CW mode.

##### Improvements

- Replay

On new replay files it is possible to see the transducer installation parameters. It is also possible to move the progress bar to a specific ping.

- Raw file

It is now possible to add NMEA depth to the .raw files.

- Simrad depth

It is now possible to add frequency, SVP and transducer depth, and to exclude motion from depth.

### Release 16.3.3

- New 500 kHz transducer

A new 500 kHz transducer with 3° beam width and a high depth resolution is now available.

- SILAS format

EA440 now works with the SILAS format.

- Simrad depth

Both Simrad ascii and binary now has the option to include frequency, sound velocity profile and transducer depth and to exclude heave from depth.

### Improvements

- XTF format corrected
- Colour palette is saved in the user settings

### Release 16.3

- **Use Ping Buffer**

A new function to stabilise the ping rate in shallow waters.

- **User Level**

It is now possible to change the user level to Basic, to test the system without being able to change important settings.

- **Processed data Output** now includes the .out data format.

It's now possible to save processed data as an .out file.

- The previous **Parameter Logging** is now **Parameter Output**.

All parameters are now saved to file, no need to choose parameters.

### Improvements

- Depth alarm is now disabled at default
- Number of serial ports possible increased to 24

It is now possible to have 24 serial ports. If you have more, the first 24 will be listed.

- Heading source priorities

The priorities are now correct.

- Bottom detection is disabled with sidescan

The default setting is now off for bottom detection when you are using sidescan transducers.

- **Pulse Duration** removed

**Pulse Duration** removed as a button on the main menu.

- Start range corrected

The first pings in the recorded data now show the real value, not 100 metres.

- Two decimals on depth tooltip

Tooltip for depth now shows two decimal places.

- XTF logging

Real time XTF logging is now corrected.

### Release 16.2

- Default sidescan view

With a sidescan transducer, the sidescan view is default.

- Power

**Power** can now be changed directly from a button on the **main** menu.

- Pulse Duration

**Pulse Duration** can now be changed directly from a button on the **Main** menu.

- Floating window

It is now possible to use several screens using the **Add Floating Window** dialog box in the **Display** menu.

- History Logging

It is now possible to turn **History Logging** off from the File Setup page.

- File name for raw data

The file name for the raw data now has the possibility for including the Line number as a prefix.

- Output dialog box

The **Current output directory** is now editable in the **Output** dialog box.

- **Transducer, Sensor and Output** dialog boxes

The dialog boxes are now in one step.

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## Improvements

- Transducer 200–28–E

Transducer 200–28 is now called 200–28–E. If this transducer is already installed you need to install it again.

- Transducer Installation

Transducer installation now have two decimal places for correct installation.

- Transducer position can now be on the tooltip information.

- History

The scroll bar for the history view is now not disturbing the view.

- Messages

Tooltip changed from alarms to messages.

- Alarm limits

The dialog box changed from Depth alarm setup to **Alarm Limits**.

- MRU data

Data from the MRU is now correctly imported.

- Range

Range can now be changed when the echogram is turned off and on again.

- Drop keel value

Drop keel value is now processed correctly.

- XYZ file

All three ping values of the XYZ files are now saved.

- Top bar information

The values are now reset after replay is done.

- Scope view for sidescan

Scope view for sidescan transducers are now shown above the echogram.

- DBS values

DBS values no longer uses the unit for length, but the unit for depth in the top bar.

- Sensor priorities

Sensor priorities changed before pressing apply, this is no longer happening.

- User settings

Range is also saved when the user setting is saved.

- Maximum depth

Maximum depth can no longer be set to a value lower than the minimum depth.

- Zoom area

The zoom area can no longer overlap other channels.

- Depth scale lines

Depth scale lines are now visible in the history view.

- Units for environment

The units for the water column can now be changed.

- Colour scale

The colour scale for 40LogTVG is corrected.

- Pitch

Pitch is now applied to the replay file.

- Vertical ticks

Vertical ticks now continues when the file is replayed several times.

- Depth Alarm  
Only one dialog box can be opened at a time.
- Ping Interval  
Ping Interval now changes correctly.
- Colour scale  
The sliders in the Information Pane Options now contains all possibilities for colour options.
- Top bar values  
The top bar values are now updated after replaying a file.
- Ramping  
Fast is now the default value for ramping.
- Bottom detector  
"Apply to all" only affects echograms of the same type.

## Release 15.2

- Transducer and transceiver installation  
A new and easy way to install all transducers and transceivers on the ship.
- Sensor installation  
A new and easy way to install all sensors on the ship.
- Motion sensors  
Heave, roll and pitch correction, install as a sensor.

- ZDA input  
Use ZDA NMEA messages to correct the computer clock. Update under Installation-Navigation-Time
- Temperature sensor  
Temperature sensor for sound velocity calculations added. MTW NMEA telegrams supported.
- Sound velocity sensor  
Add as a sensor and activate in the environment dialog box.
- Sound velocity profiles  
Load and enable this in the environment dialog box.
- Ping-Ping Filter  
The ping-ping filter may remove unwanted noise from the echogram presentation. Enable this in the **Active** menu.

## Improvements

- Markers  
Position is correct also when the echo is bigger than the history buffer.
- Serial port name  
It is possible to define the serial ports name.