



Software Release Note

Release 18.2

- Detect second bottom

In the Bottom Detection page in the **Information Pane Options** dialog box, you can now select to find the second bottom.

- Transducer Air200–7G

Added support for Airmar 7 degrees transducer

- Docking Views

You can now move all channels to separate screens and any custom organisation

- Auto Power

By selecting **Auto**, you automatically adjust the power according to the current range

Improvements

- Improved stability for the replay function
- General improvements in the sensor management system

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. High speed replay is not yet implemented for this view.

- 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
- 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.

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.