



## Software Release Note

### Release 19.1.3

- WBT Firmware version 2.41  
Includes WBT firmware with improved synchronization.
- Default power values for High Power WBTs are reduced.

### Improvements

- Added maximum meters to DPT output message
- Improved handling SBE marker output
- Discard non-fixed GGA and invalid SVP telegrams

### Release 19.1

- KM binary  
Support for KM binary sensor input with position and attitude data
- XYZ Output  
Positions formatted as Decimal Degrees.
- Transducers  
Added support for Airmar 24 and 38 kHz transducer

### Improvements

- Improvements in signal processing chain
- Improved handling of older recorded files

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

- 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.

- Along Track Slope information pane

A new information pane to see how the slope is changing.

## Release 17.1

- **Pinger Mode**

**Pinger Mode** is now available in the **Active** menu.

- **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.

- GPT license

It is now possible to use the EA640 with a general purpose transceiver.

- 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

- **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.