

### Introduction

This document describes the changes introduced with the new software version.

- **Products:** DFS75, FS70
- **Software version:** 1.3.9

The Digital Analog Trawl Sonar Software (DATSS) controls all functionality in the Simrad DFS75 and FS70 Trawl sonar. This includes transmission and reception, interfaces with external peripherals and sensors, and all user interface.

DATSS is included with the DFS75 (as part of the FX80 system) and is also available as a paid upgrade to FS70 users.

### Software changes

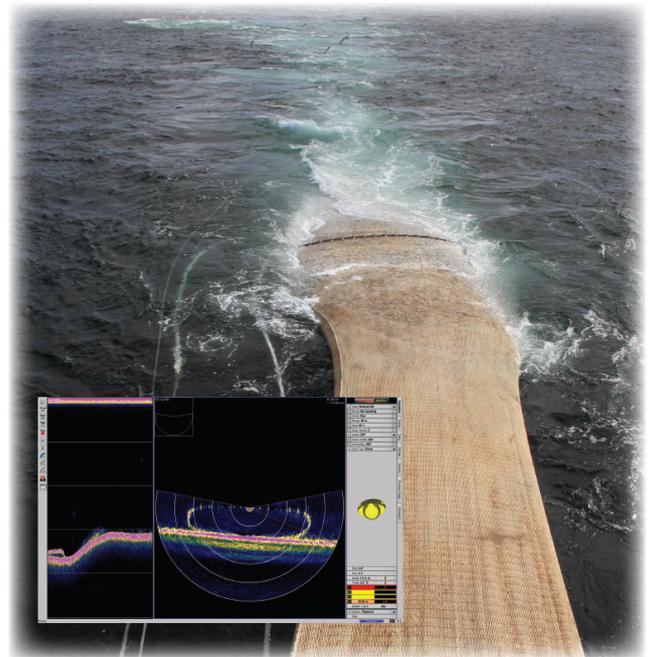
This software update solves a number of software bugs that have been reported by our users, or detected during our own product testing.

New functionality is *not* introduced with this release.

The following specific changes have been made:

#### Bug fixes

- Fixed an issue where the TVG for the FS70 Sonar Head and sounder may get reset/changed after a cable calibration using the transmit pulse (including at startup).
- Fixed a bug where the FS70 Sonar Head would sometimes start up paused.



- You can now successfully export imported NMEA strings.

### Do I need to upgrade?

This release does not offer any new functionality to your DFS75 or FS70. However, the release may still be useful to you, as several software bugs have been corrected.

We recommend that all users update their software.

### End-user documentation

The end user documentation for the Simrad DFS75 and FS70 Trawl sonar has not been updated with this release.

All relevant publications are included on the DFS75 and FS70 software media (USB flash drive). End user documentation can also be downloaded from the product website

- <https://www.simrad.com/fs70>
- <https://www.simrad.com/dfs75>

The DATSS User Manual is also included with the DATSS software. Click the **Help** button to open the manual.

## Software installation

When a new DATSS software version is released, it must be installed on your Processor Unit.

A dedicated installation wizard is used. You need administrative privileges on your Processor Unit to do the software installation. Installation of additional operating system components may be required. These are installed automatically. Observe the information offered in the wizard.

If you have a preliminary ("Beta") software version installed, it must be removed before you can update. Use the operating system functionality to remove the old software version.

Registered dealers and distributors can download the new software version from the "Simrad Dealer Club". To access the "Simrad Dealer Club", visit our website.

- <https://www.simrad.com/sdc>

## Reporting issues

Any issues related to the user interface or the performance of the software can be reported to us.

Please use e-mail address.

- [simrad.support@simrad.com](mailto:simrad.support@simrad.com)

## Minimum computer requirements

Although a computer can be ordered from Kongsberg Maritime as a part of the DFS75 or FS70 delivery, it is also possible to purchase one locally.

If you purchase a computer locally, make sure that the chosen model meets the functional and technical requirements.

It is important to make sure that the chosen computer model is relatively new with sufficient processing power, a high performance graphic adapter, and a high speed network adapter.

The computer must be able to facilitate the various interface requirements made by the DFS75 or FS70, and you may need to add extra Ethernet and serial adapters.

Note \_\_\_\_\_

*The computer design and construction must allow for maritime use, easy access to connectors, parts and cables, and a safe installation.*

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The minimum technical requirements are:

- **Processor:** 1.7 GHz, Intel Core i7
- **Memory:** minimum 8 GB
- **Hard disk:** minimum 512 GB
- **Network interface:** 10/100/1000 Mbps
- **Operating system:** The DFS75 or FS70 software has been designed for 64-bit Windows 10. It will also work on 32-bit systems. Windows 7 is also supported.