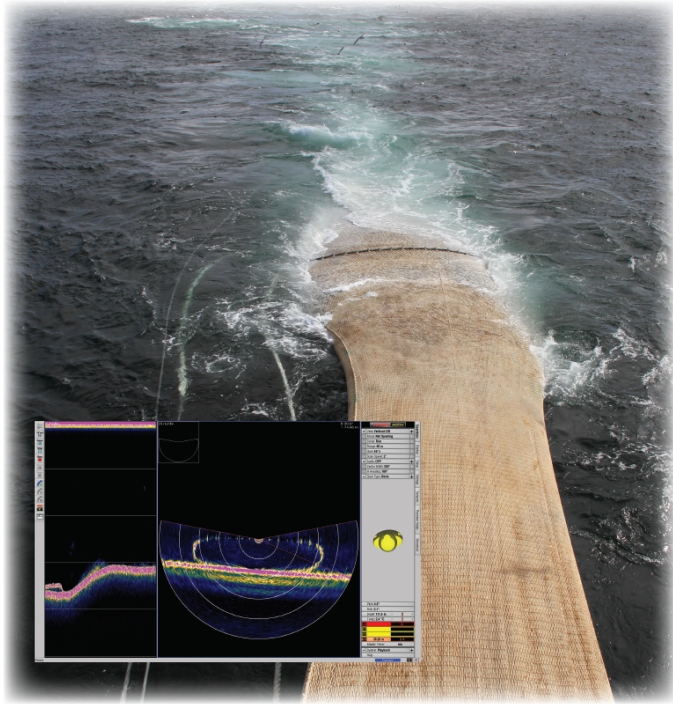


## Software Release Note 2.0.3



### Introduction

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

- **Products:** DFS75L, FS70
- **DATSS software version:** 2.0.3

The DFS75L and FS70 operating software is called DATSS (Digital Analog Trawl Sonar Software).

DATSS controls all functionality in the Simrad DFS75L and FS70 Trawl sonar. This includes transmission and reception, interfaces with external peripherals and sensors, and all user interface. This includes the menu system, features and presentations.

### Software changes

This software update solves some 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.

#### Improvements

- Improved the software installation process to enable DATSS software to bypass the Windows firewall.
- Improved DFS75L sonar support in the FX System: Set the Catch sensor type to N/A for DFS75L sonars, as they don't have built-in catch sensors. Enabled support for PRTD external sensors on DFS75L sonars to provide data on deployment Pitch, Roll, Temperature, and Depth.
- Improved the user interface on the **Transmit** page in the **Head Settings** dialog box to disable manual control of the pulse length when using an LFM transmit Pulse Type. The LFM pulse settings are automatically optimized by the software.

#### Bug fixes

- Eliminated unnecessary log messages that appear when opening the **Input Setup** dialog box.
- Addressed a software crash issue caused by the **Footrope Detection** feature.

### Do I need to upgrade?

This release does not offer any new functionality to your FX or FS70 system. However, several

changes have been made to improve the performance.

We recommend that all users update their software.

## End-user documentation

The DATSS Reference Manual included with the DATSS software has been updated with this release. Click the **Help** button to open the manual.

The online end-user documentation for the Simrad DFS75L and FS70 Trawl sonar has been updated with this release.

All relevant publications are included on the DFS75L and FS70 software media (USB flash drive). End-user documentation can also be downloaded from the documentation website:

- <https://www.simrad.net/fs70>

## Software licenses

The DATSS software needs one or more software licenses to work.

You will need to obtain an upgrade for your existing FS70 license if you wish to use premium software features in DATSS version 2.0 or newer. This upgrade is already included in the FX System.

In order to obtain a software license you must contact one of our dealers or distributors. You can also use the request form on our website, or contact our support department directly.

*Tip* \_\_\_\_\_

*You will need your existing dongle serial number to upgrade your license. We suggest that you copy the information into a text file (for example Notepad), and add relevant information. Place the text file on the computer desktop, and make sure that backup copies are made.*

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Once you have purchased an upgrade to your existing license, you will need to perform the following procedure.

- 1 Download and install DATSS 2.0.3.
- 2 Send your existing dongle serial number to Kongsberg Discovery Canada [sales](#) or [support](#).  
We will generate a license file and email it to you.
- 3 Save the license file (a .bin file) to a known location on your hard drive.
- 4 Insert your dongle into a USB port on your computer.
- 5 Go to C:\KML\DATSS\_V0203 and open the file "LicenseManager.exe".
- 6 Click **Browse**, select the license file you saved earlier (a .bin file), then click **Open**.
- 7 Click **Program**.

You should see a message telling you that your dongle has been programmed successfully.

## Software installation

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

A dedicated wizard is used to install the DATSS software. You need administrative privileges on your computer 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 our website. Contact your local dealer, or a Simrad distributor, to have the new software version installed.

## Reporting issues

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

Use this e-mail address.

- [support.vancouver@kd.kongsberg.com](mailto:support.vancouver@kd.kongsberg.com)

## Minimum computer requirements

Although a computer can be ordered from Kongsberg Discovery as a part of the FX or FS70 system 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 that the chosen computer model is relatively new with sufficient processing power, a high performance graphics adapter, and a high speed Ethernet adapter.

The computer must be able to facilitate the various interface requirements made by the FX

or FS70 system, and you may need to add extra Ethernet and/or serial adapters.

*Note* \_\_\_\_\_

*The computer design and construction must allow for maritime use. Easy access to connectors, parts and cables must be provided. Make sure that the installation method allows for the physical vibration, movements and forces normally experienced on a vessel.*

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The minimum technical requirements are:

- **Microprocessor:** 2 GHz or higher x64 processor
- **Memory:** 2GB or more RAM
- **Network interface:** Two USB ports and 10/100/1000 Mbps Ethernet
- **Operating system:** The DATSS software has been designed for 64-bit Windows 10. Windows 7 is also supported. Operating systems older than Windows 7 are not supported.