

TB-135752 May 20, 2020

## NSS evo2, NSO evo3 software update 20.0

**Product:** Simrad multi-function displays  
**Product Description:** NSS evo3, NSO evo3, NSO evo2  
**Software Version:** NSO\_evo2-20.0-63.1.291-Standard-1.upd  
NSO\_evo3-20.0-63.1.291 -Standard-1.upd  
NSS\_evo3-20.0-63.1.291 -Standard-1.upd

**Effective Date:** May 20th 2020

**Inspect/Update Current Inventory:** No

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We are pleased to announce the release of 20.0 software for Simrad multifunction displays.

This release is for NSO evo2, NSS evo3 and NSS evo3.

The new software, release notes and manual addendum are available from the [Simrad-yachting](http://www.simrad-yachting.com) website or downloaded directly to the MFD when connected to the internet.

### New Features

New feature description	NSO evo3	NSS evo3	NSO evo2
FLIR™ M232 camera, video over Ethernet	✓	✓	
Simrad mobile companion app: Product registration	✓	✓	✓
Backup & synchronize data to cloud passage planner	✓	✓	✓
Naviop™ performance improvement's	✓	✓	✓
LiveSight™ support	✓	✓	
Mercury® Autopilot features unlocked	✓	✓	✓
Mercury VesselView® Link: Update over NMEA 2000®	✓	✓	✓
WM-4 Support	✓	✓	
Control Lowrance GHOST and Rhodan® Trolling motors	✓	✓	✓

## Features

### FLIR™ M232 I.P Camera support

This version of software for NSS evo3 and NSO evo3 will support video and control over Ethernet from one FLIR M232 camera. The M232 pan and tilt camera is one of FLIR's smallest and affordable marine thermal cameras. Featuring a resolution of 320 × 240, the M232 improves safety by revealing vessels and obstacles at night, plus the capability for 360 degree viewing while underway.



### Naviop™ performance improvements

Vessels with a compatible Naviop system, Naviop will run natively as part of the operating system on Simrad MFDs, providing a faster and more responsive user experience. Easier to use, it can now be displayed full screen or as part of a split screen and has been added to the display's homepage.

### Simrad mobile companion app: Product registration

The new Simrad companion app available for Android and iOS devices works with compatible Simrad multifunction displays for an even richer experience – providing:

- Device registration
- Manual downloads
- Mobile charting app
- Passage planning
- Ability to back up waypoints routes and tracks that can be accessed both on and off the water.

## Backup & synchronize data to cloud passage planner

C-MAP offers online and app based detailed nautical charts in a clear and sleek design, providing all the information you need to navigate or fish at anytime, anywhere. C-MAP covers seas and lakes worldwide and is part of the new Simrad companion app.

Synchronize user created data such as routes, waypoints and tracks between the Simrad Companion App, or the C-MAP online chart and compatible MFDs.

The former C-MAP icon on the system control menu has changed to 'Synchronize my data.'

## LiveSight™ support

Simrad NSS evo3, and NSO evo3 will now support LiveSight transducers: Note a PSI-1 module is required, for NSO evo3; a SonarHub™ or NSS evo3 sonar module is also required.

## Mercury® VesselView® Link update over NMEA 2000®

Mercury VesselView Link modules can now be updated via a NMEA 2000 network from a Simrad MFD, removing the need to install an updated SD card directly into the black box.

## Mercury autopilot features unlocked

The Mercury autopilot Drifthook, Bowhook, and Heading Adjust features are now unlocked and no longer require purchase.

## WM-4 Support

Simrad NSS evo3, and NSO evo3 will now support the latest WM-4 Marine Satellite Receiver for SiriusXM® weather and audio, which replaces the WM-3 Weather Module.

## Ghost Trolling Motor Support

When a Ghost trolling motor is connected there is now a sidebar for all controls.

- Anchor: at current location, at waypoint, at cursor
- Heading lock: with heading adjustment
- Speed control
- Navigation control of routes

## Fixes & Improvements

- Fix for sonar not scrolling in shallow water.
- Enhancements to system-wide sonar performance. Note: Sonar modules will require the 20.0 firmware update.
- S2009 & S2016 now able to choose 28 kHz frequency.

- Fix for missing sea temperature on some transducers.
- Includes an alteration to the internal GPS, following some reports from the field that the MFDs are creating too many track points when the source for position is an Internal GPS.
- Resolves issue with AIS own vessel icon not aligning to the AIS Vessel orientation setting under Settings > Vessels.
- New MFDs made after January 2020 will no longer be able to install software that was released before the date of the units manufacture. The manufacture date located on the About screen called the “Factory software date stamp.”
- If a Rhodan® trolling motor is connected to the NMEA 2000 network, the trolling motor is supported and can be controlled from the MFD. For more information about this trolling motor, refer to rhodanmarine.com.
- General performance and stability enhancements.

**For More Information:**

U.S. Based Resellers Technical and Order Support: (800) 324-4737  
Canada Based Resellers Technical Support: (855) 361-1564

You may also send any inquiries via email to the addresses listed below, according to your sales-group classification:

- OEM/Boatbuilder – [oem-bb@navico.com](mailto:oem-bb@navico.com)
- International/Latin America – [international@navico.com](mailto:international@navico.com)
- National Retail – [retail@navico.com](mailto:retail@navico.com)
- Dealers/Distributors – [orders@navico.com](mailto:orders@navico.com)