

NAVICOTM GROUP

NOS 25.2 Software Release
For NSS evo3/3S and NSO evo3/3S

JULY 2025



Simrad NOS 25.2

71.1.22

July 2025



Features

NEW MFD FEATURES

New feature description	NSS evo3S	NSO evo3S MFD	NSO evo3S MPU	NSS evo3	NSO evo3 MFD
Active Target Improvements	✓	✓	✓	✓	✓
YAK Power™ Control bar	✓	✓		✓	✓
Power-Pole control over NMEA 2000	✓	✓	✓	✓	✓
Power-Pole control Move trolling motor support (*Requires Power-Pole Software Update, from Power-Pole, available Aug '25)	✓	✓	✓	✓	✓



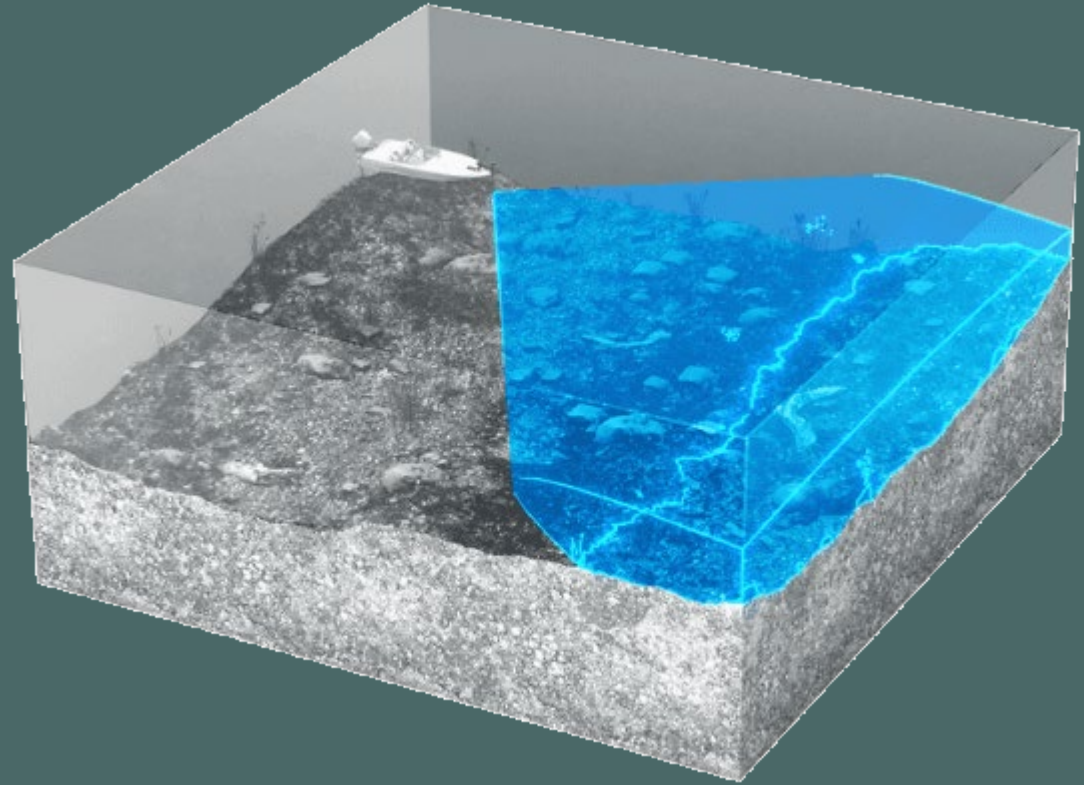
SOFTWARE FILES

NSS evo3S	NSS_evo3S-25.2-71.1.22-Standard-1.upd
NSO evo3S MFD	NSO_evo3S_MFD-25.2-71.1.22-Standard-1.upd
NSO evo3S MPU	NSO_evo3S_MPU-25.2-71.1.22-Standard-1
NSS evo3	NSS_evo3-25.2-71.1.22-Standard-1.upd
NSO evo3 MFD	NSO_evo3-25.2-71.1.22-Standard-1.upd

ECHO SOUNDER MODULE SOFTWARE

SonarHub	Sonar_Hub-25.2-71.1.22-Standard-1.rlw
S3100	S3100-25.2-71.1.22-Standard-1.rlw
S5100	S5100-25.2-71.1.22-Standard-1.rlw
SS3D	StructureScan3D-25.2-71.1.22-Standard-1.rlw

ActiveTarget®: Improvements



ActiveTarget®: Improvements

Building on our previous 25.1 software update, 25.2 includes even more improvements and updates for Active Target systems.

New with 25.2:

Active Target Depth Offset

- Depth offset allows users to compensate their Active Target for the installation depth below the water surface. Setting this depth offset properly means anglers will see their bait splash on the water surface without having to tilt their Active Target transducer up.

Reverse Range controls

- Customizations for how far backward and behind the boat Active Target is displaying on screen when in forward mode

New Color Palettes

- There have been a few new color palettes added to the list for Active Target, specifically designed to help identify fish located in structure/grass

New on-screen Range controls

- Changing on-screen controls from Zoom controls to Range controls

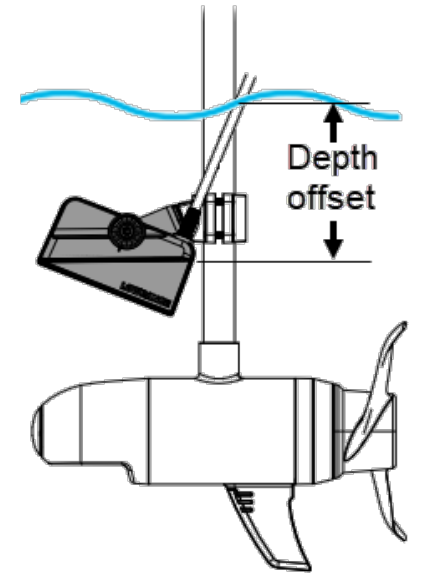
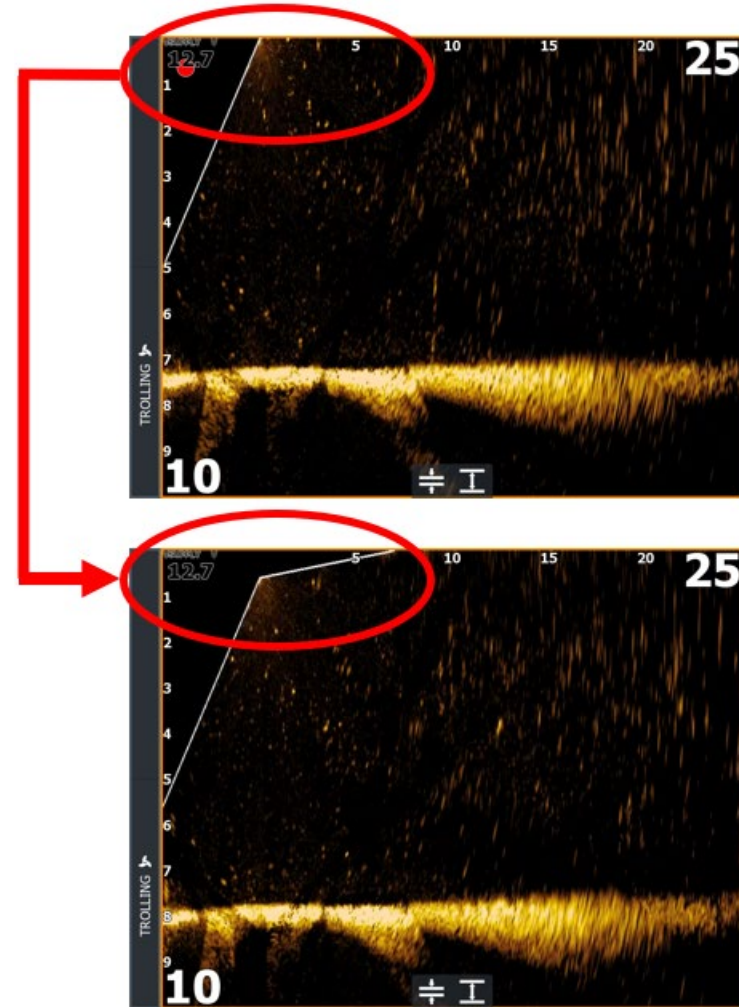


ActiveTarget®: Depth Offset

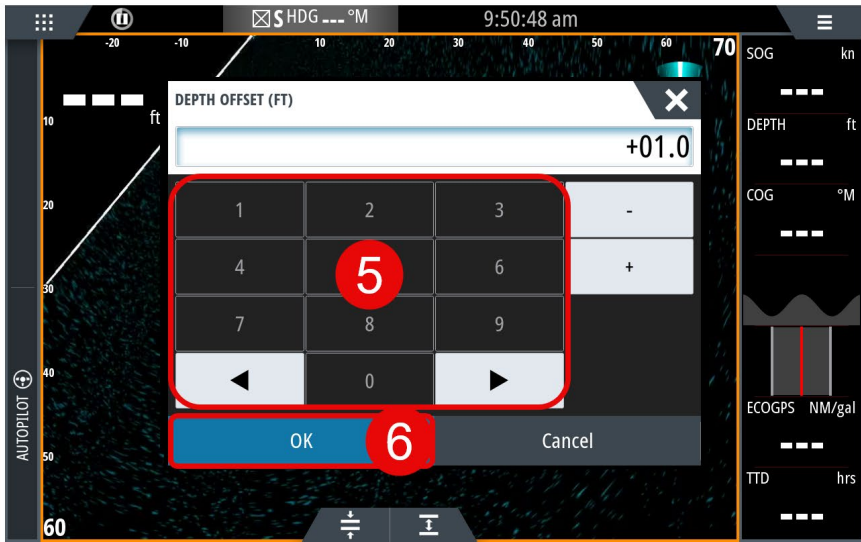
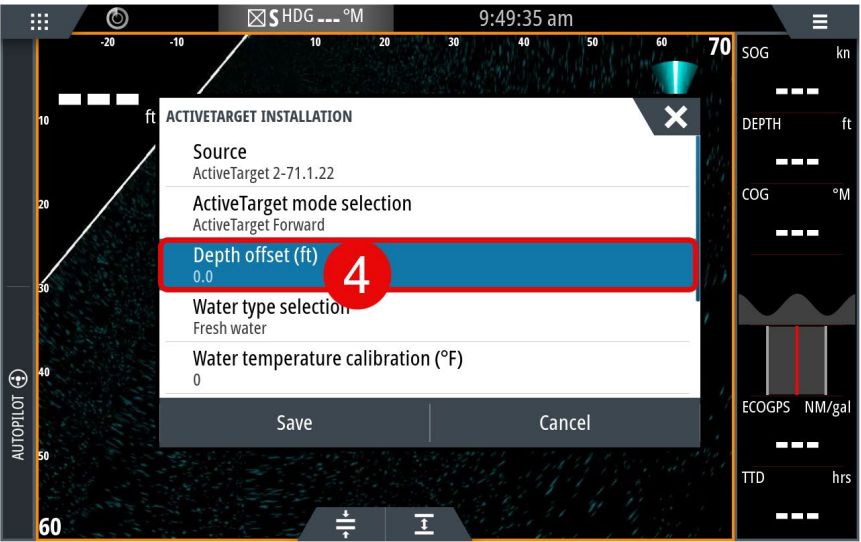
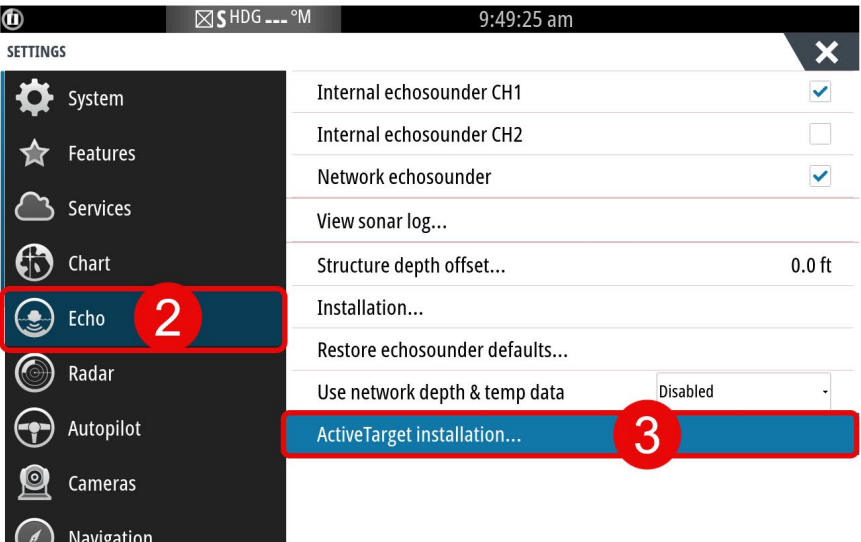
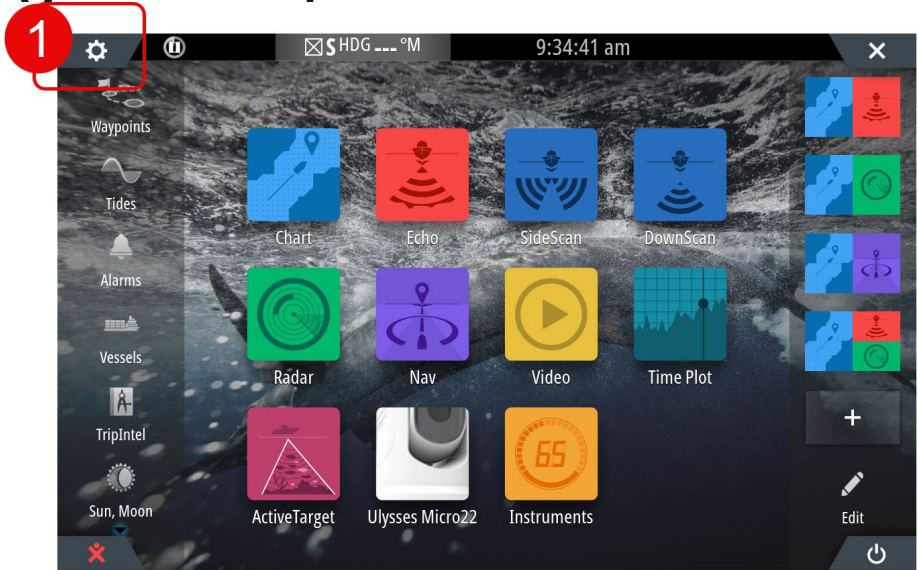
When an Active Target transducer is installed, it will be below the water surface.

This feature allows the user to compensate for water column data above the transducer that is not shown on the display.

In Forward mode, when the proper depth offset distance is applied, the water column data between the transducer and water surface is now viewable, allowing visibility up to the water surface.



ActiveTarget®: Depth Offset



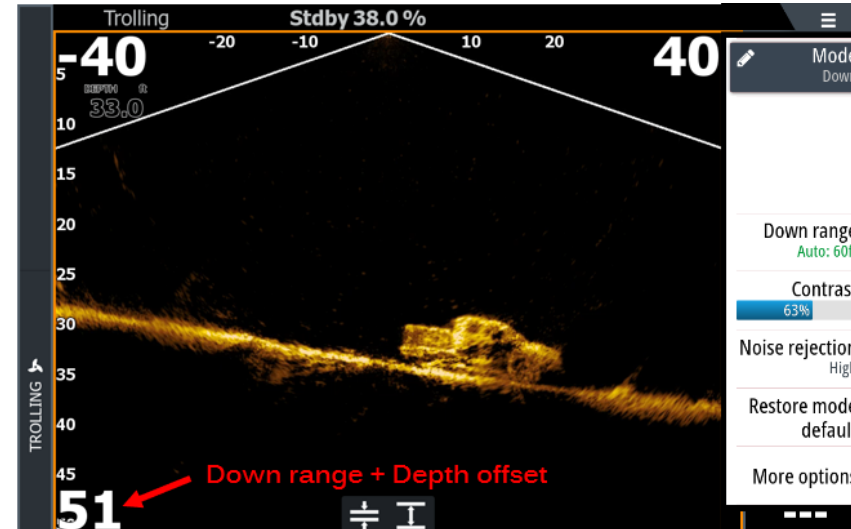
ActiveTarget®: Depth Offset – Forward vs Down Mode

In Down Mode:

The image does not move on the screen.

The range ruler on the left side of the screen is adjusted for the Down range + Depth offset.

The displayed digital depth will be from the water surface and not the transducer location.



In Forward Mode:

The image moves down on the screen by the Depth offset value showing returns above the transducer to the water surface.

The range ruler does not change.

The displayed digital depth will be from the water surface and not the transducer location



Depth offset optimization in Forward Mode

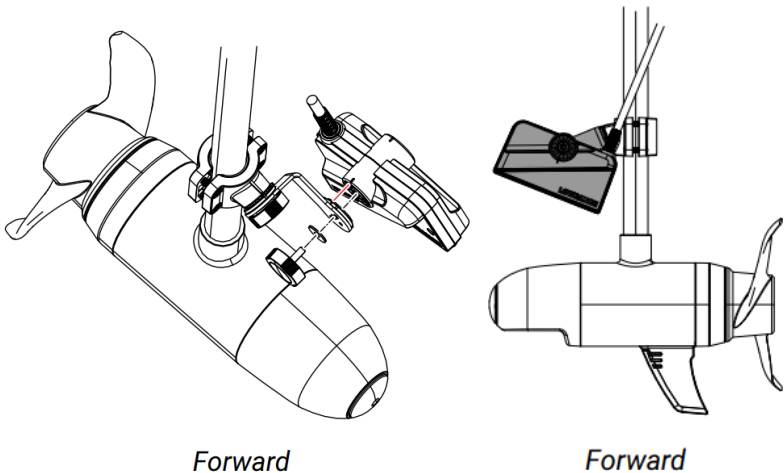
To get the most benefit from the Depth Offset improvements, it is recommended to ensure that your ActiveTarget transducer is in the proper Forward mode orientation (i.e. not 1 click up) and to perform a Global settings restore defaults. This will set Angle offset back to “0”.

An Angle offset can be applied (if required) to get the most accurate representation for your specific transducer and installation if your shaft/pole is angled slightly.

If an Angle offset adjustment is required, it is recommended to find a known flat bottom or a known vertical object in the water column (dock pole, bridge pylon, etc.) and make small adjustments to the Angle offset until the object(s) look visibly correct on the screen.

Note:

- Angle offset adjusts for slight variations in the sensor calibration and/or shaft/pole angle when StableView is enabled.
- Angle offset adjusts for slight variations of the shaft/pole when StableView is not enabled.
- The preferred Angle offset value may be slightly different for both StableView enabled and disabled use cases.



ACTIVETARGET INSTALLATION ✕

Water type selection

Fresh water

Water temperature calibration (°F)

0

Angle offset (deg)

0

Heading offset (deg)

0

Restart config wizard

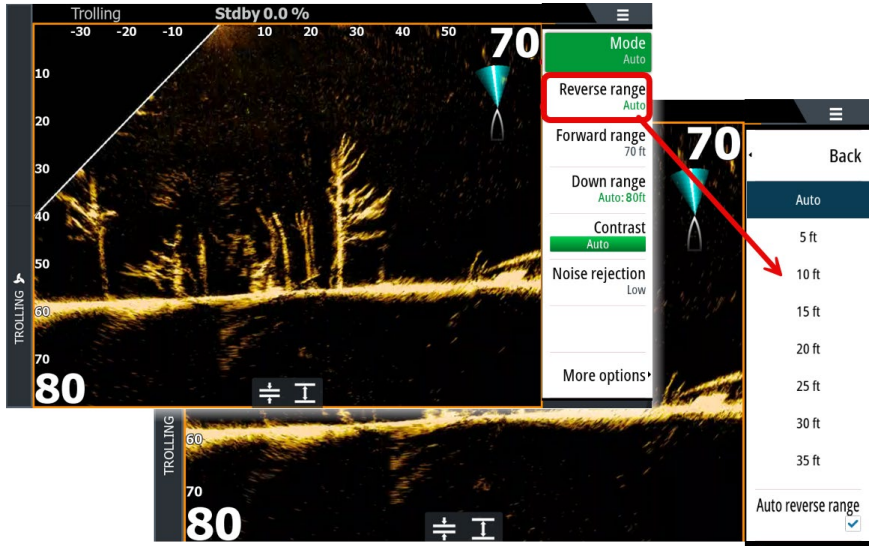
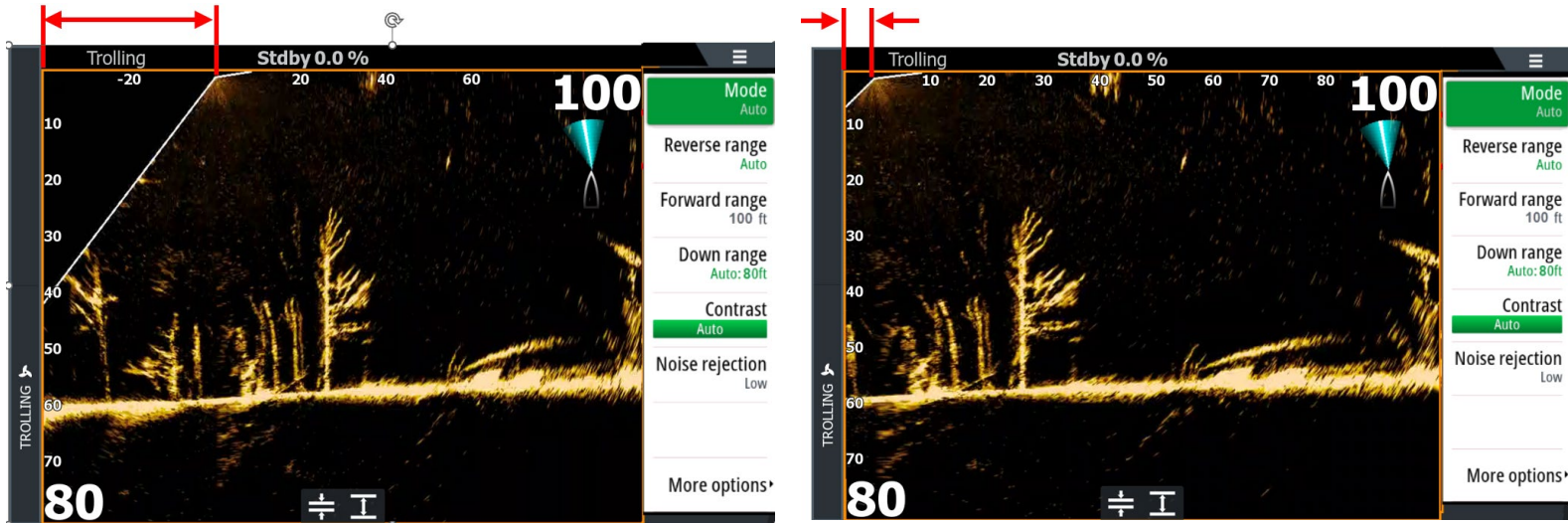
Save

Cancel

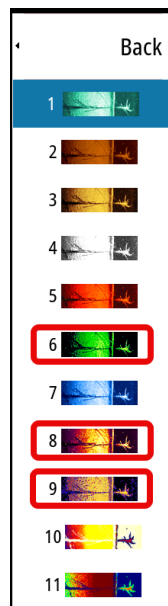
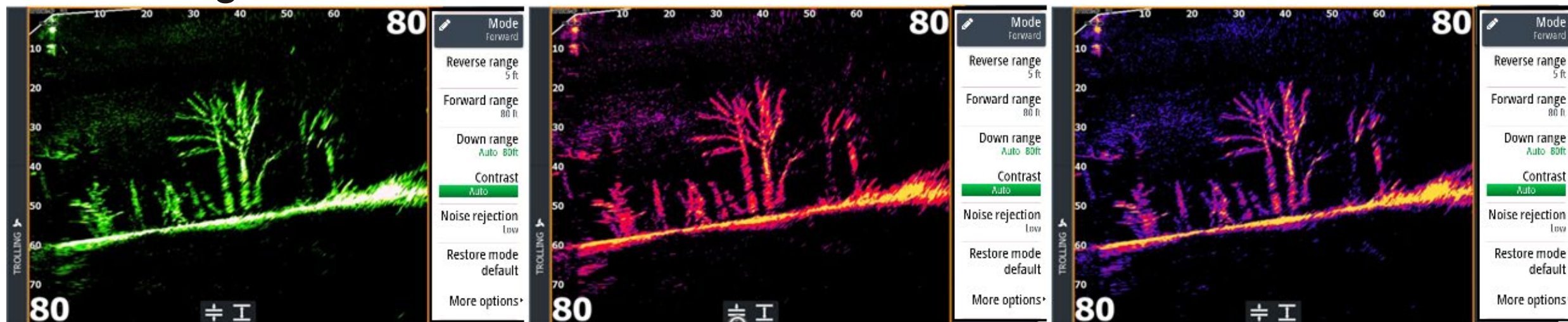
ActiveTarget®: Reverse Range in Forward Mode

This feature allows the user to adjust the relative position of the transducer on the screen to either maximize the view in front of the transducer or show more behind the transducer.

Note:
By default, Reverse range will be set to Auto. When set to Auto, the reverse range is ~50% of the Down range.



ActiveTarget®: NEW Color Palettes



This update includes three new ActiveTarget® color palettes for improved target visualization.

No color palettes were removed but the order of existing palettes has been altered.

Palette #6 is NEW.

Previous Palette #6 is now #7.

Palettes #8 and #9 are NEW.

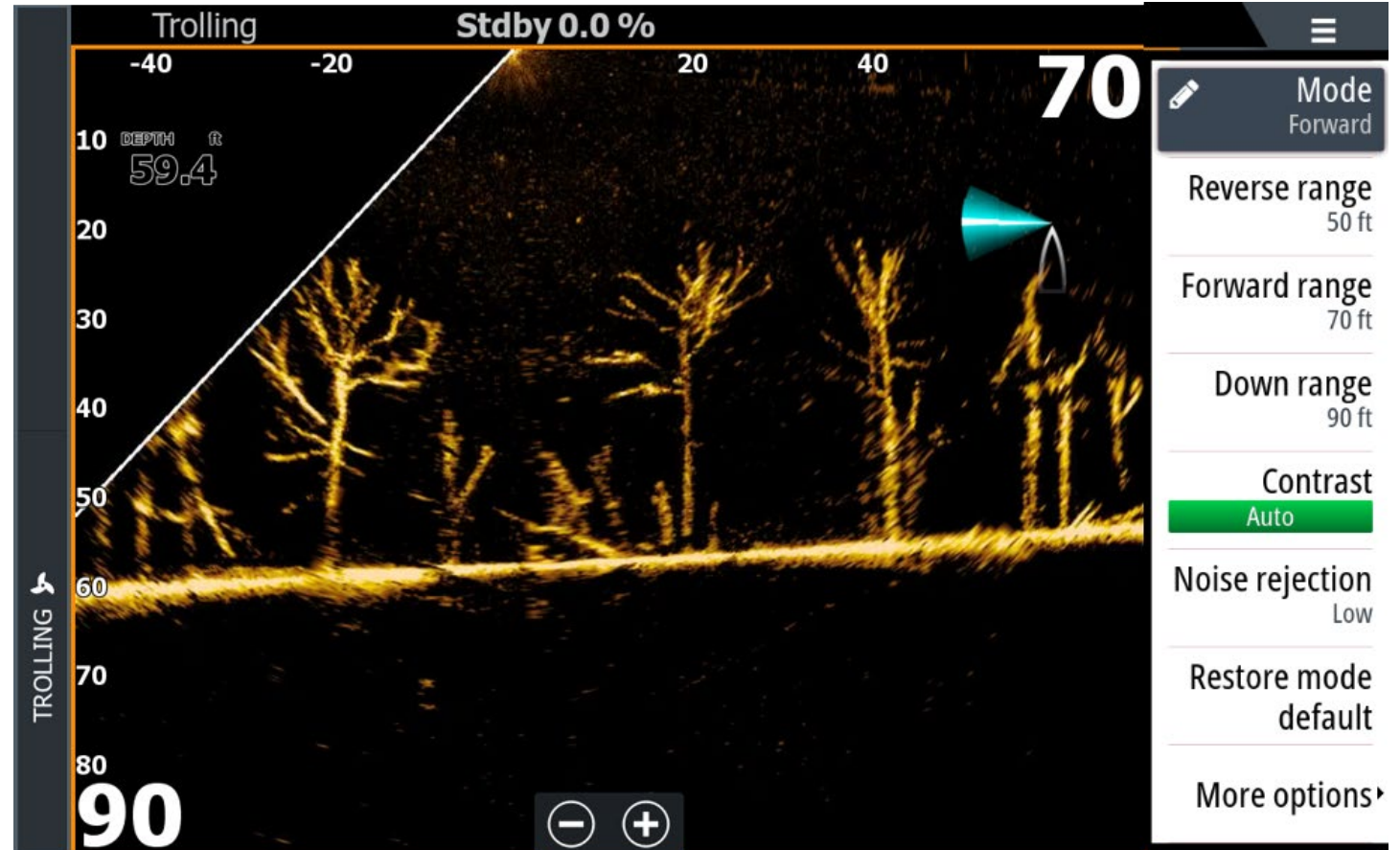
Previous Palettes #7 and #8 are now #10 and #11, respectively.

ActiveTarget®: Adjustments after Updating

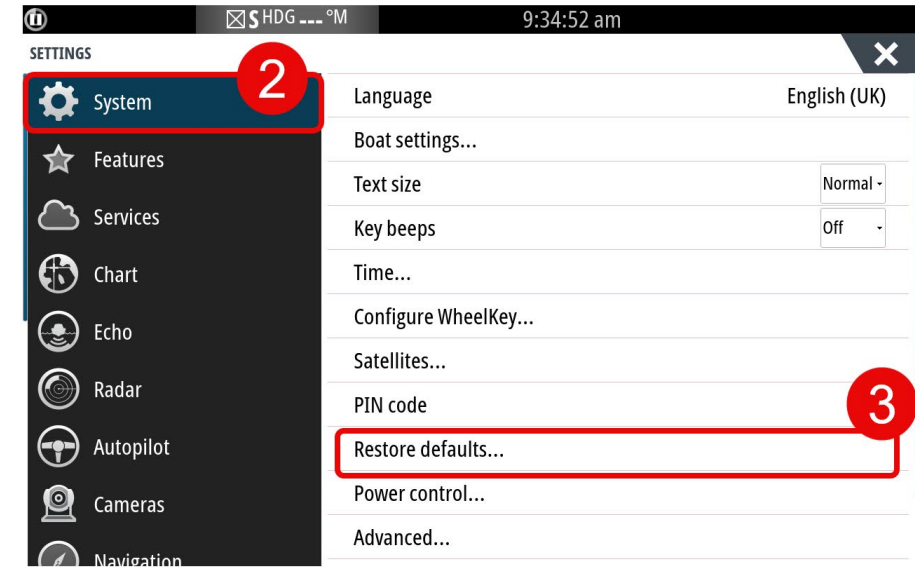
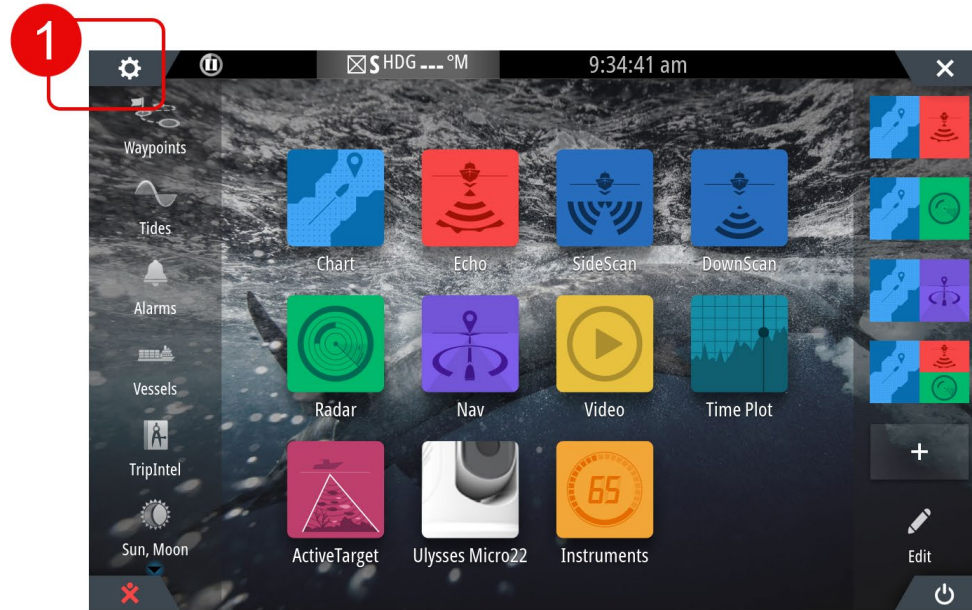
After updating to 25.1 or 25.2 from an older software version, you may need to adjust the Noise rejection and/or Contrast to achieve a similar look to your previous version prior to updating.

Example:

If your preferred settings prior to software version 25.1 or 25.2 was Noise rejection set to Low and Contrast set to A+4, you should start with Noise rejection set to Medium and Contrast set A+1 and make small adjustments from there. .



Global settings Restore Defaults – How To

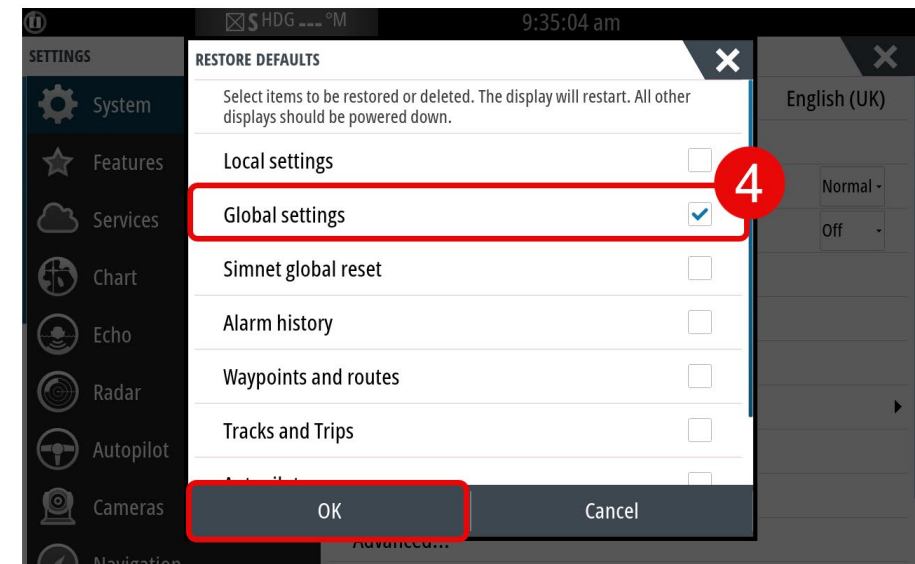


If you happen to run into any issues on your ActiveTarget system after the update, we recommend restoring the system to default settings:

Make sure all the MFD's with Ethernet connection to ActiveTarget module(s) and all ActiveTarget systems are powered on.

Press Pages> Settings> System> Restore Defaults> un-check Local Settings and make sure only Global Settings is checked, and press OK. Do this procedure on all connected MFD's.

After the reset is done, go to Settings> Sonar> ActiveTarget installation... and set your offset values to match the installation on your boat.



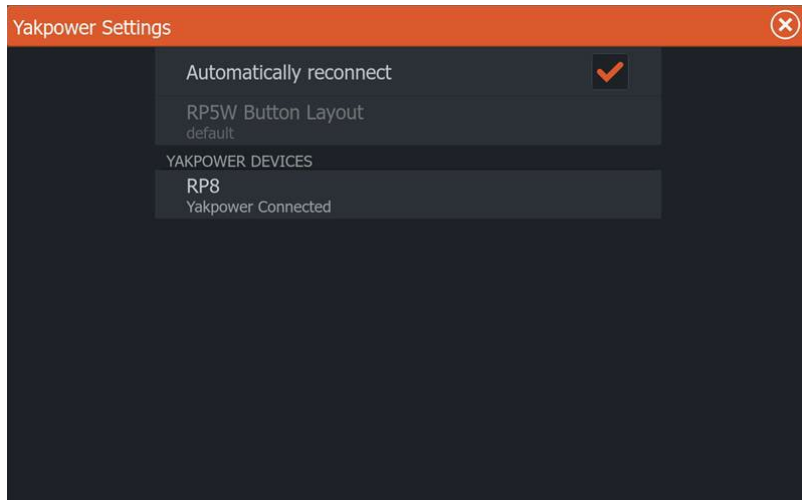
Yak-Power™ Digital Switching



YAK Power™ Integration

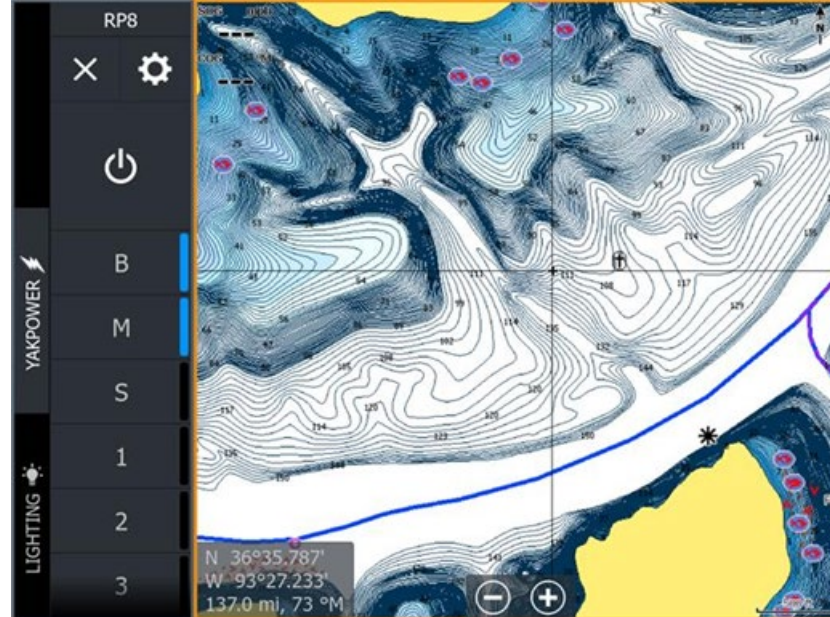
This feature adds Bluetooth control on NSS and NSO MFDs for the Yak Power™ Digital switching system via a new control bar.

Yak Power™ makes small and affordable digital switching systems. Yak Power™ sells to OEM Boat builders and to the retail/aftermarket sales for kayaks and small boats. This software will pair, connect to, and control Yak Power™ switching systems built for small vessels.



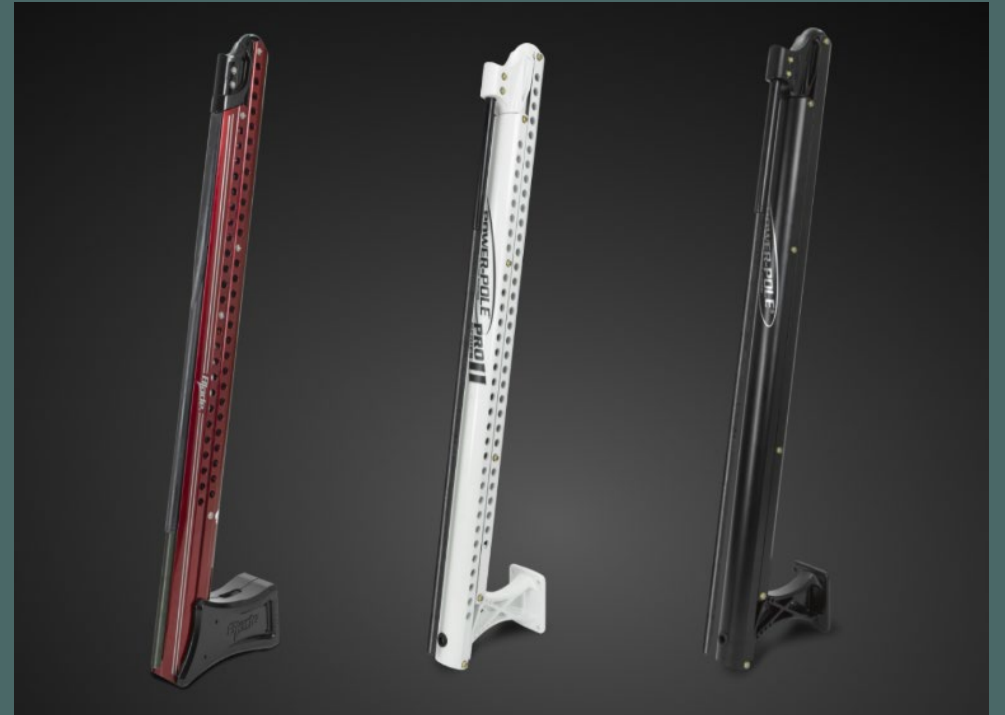
YAK-Power™ BT Connection

YAK-Power™ Sidebar Control





Power-Pole®



Power-Pole®

Power-Pole devices can now be controlled via the C-Monster® gateway instead of only over Bluetooth

- 1) Gateway connection is easier to set up than Bluetooth
- 2) Full Power-Pole ® Move ® Support
- 3) Integration with Power-Pole OnePump

Improvements to Power-Pole ® Charge ® integration

- 1) New battery color code for discharge level
- 2) Priority Slider

Installations including Power-Pole Move or the C-Monster Gateway will require an upcoming software update from Power-Pole to enable compatibility with the NSS or NSO MFDs. This is expected Q3 2025.



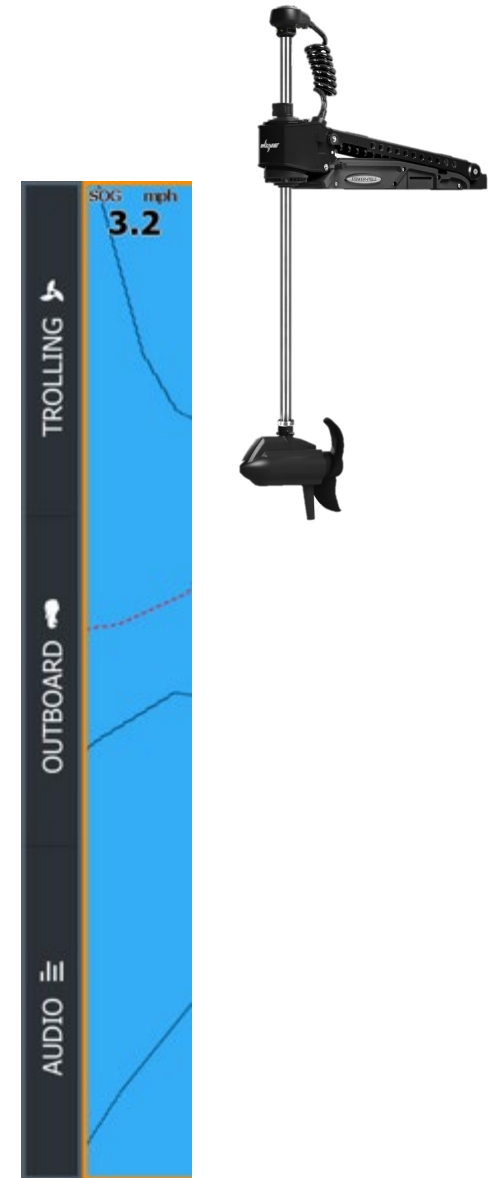
Power-Pole ® Move ® Integration

All Power-Pole Move trolling motors are now supported with on-screen controls from any Lowrance display with 25.2 software installed.

Your Power-Pole Move must be connected to N2k via the Power-Pole C-Monster Gateway

Once connected, the NSS or NSO will display the TROLLING control bar with all available controls, such as anchoring or following routes.

Installations including Power-Pole Move or the C-Monster Gateway will require an upcoming software update from Power-Pole to enable compatibility with the NSS or NSO MFDs. This is expected Q3 2025



Power-Pole® Move® Integration

Power-Pole® Move® Supported features

Anchor Here	Anchor at Cursor	Anchor at Waypoint	Anchor Jog	Heading Lock	Adjust Heading Lock	Course Lock	Adjust Course Lock
Route Playback	Speed Up	Speed Down	Go to Waypoint	Go To Cursor	‘Go to’ Arrival Modes	Trolling motor steering position	Cruise Control
Battery Status	Prop Power %	Active Mode Display	Stow/Deploy Status	Cruise Set Speed	Cruise Achieved Speed	Turn Patterns	Route Record
Navigation - Engage	Navigation - Standby	Navigation - Cancel	Navigation - Restart	Navigation - Skip	Route follow from chart	Route follow from menu	



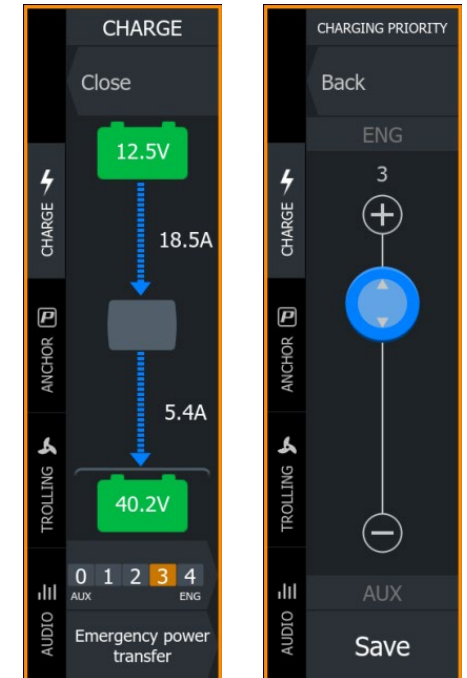
Power-Pole® Charge®

Power-Pole Charge was previously supported in older versions of Simrad software, however, some new functionality was added with 25.2

The Power-Pole battery priority slider has been added

Battery status color indicators have been adjusted to better reflect red/yellow/green status of your batteries

Installations including Power-Pole Move or the C-Monster Gateway will require an upcoming software update from Power-Pole to enable compatibility with the NSS or NSO MFDs. This is expected Q3 2025



Fixes & Improvements

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A black 3G wireless transmitter and receiver unit is shown next to a handheld microphone and a coiled cable. The unit has a "3G" logo and "TRANSMITTER" and "RECEIVER" labels. The microphone is black with a silver grille. The cable is black with gold-colored connectors.

Introduced in 25.1, an issue where SS3D could not be used as a temp source on 25.1. This is now fixed. Please update the SS3D module too.

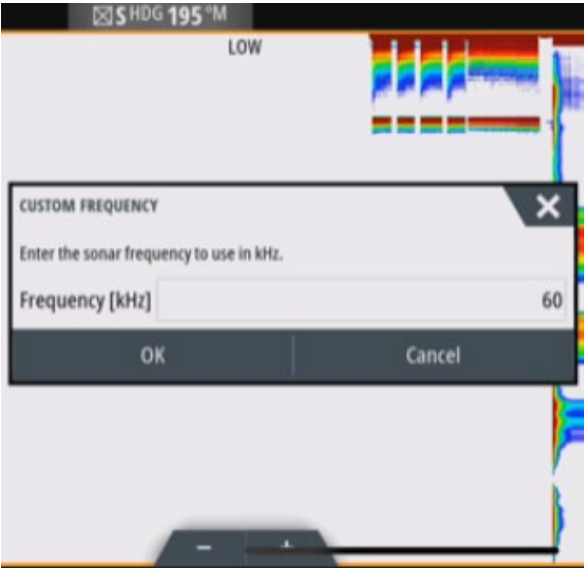
Some users reported weak sonar returns in the previous 25.1 software when fish ID was turned on.

A black, rectangular solar module with a textured surface. It features several connectors on its front face: a black circular connector on the left, a blue circular connector, a yellow circular connector, a silver circular connector, and a black circular connector on the right. The top of the module has a label that reads "S3100 SOLAR MODULE" and "POWER 1". The bottom of the module has a label with technical specifications and a CE mark. The module is mounted on a black base with two mounting brackets on the sides.

Fixed a bug where channel 1 was not transmitting at full power if channel 2 was paused or not being used.

Fixes and Improvements

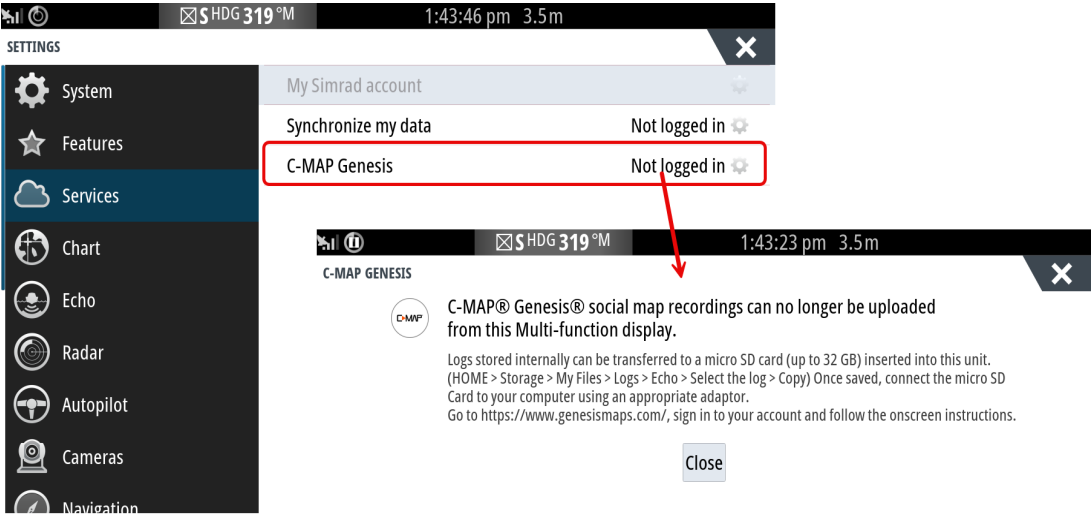
Fix



Custom Frequency issue

NSS Echo Source selection with Custom frequencies causes the incorrect frequency to be selected.

Change

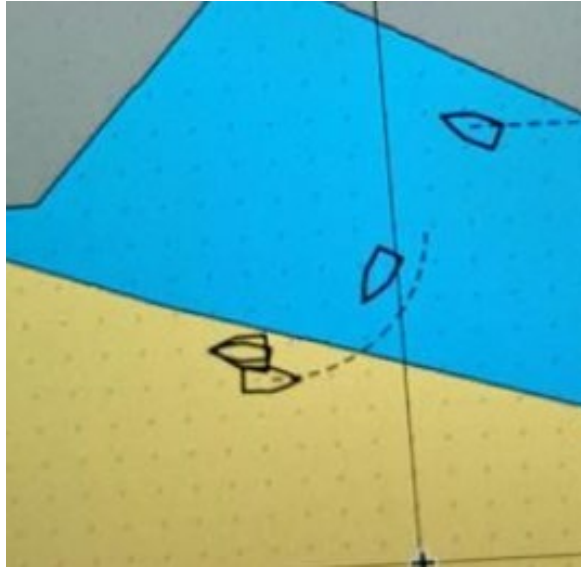


C-MAP Genesis upload causing blank screen & User guidance screen

Due to a server-side technical issue, the upload of sonar logs from an MFD cannot be completed. This resulted in a blank screen. This version has a message informing users of how to upload sonar logs via a PC. And won't result in a blank screen.

Fixes and Improvements

Fix



Curved RoT extension lines removed

Curved AIS vessel rate of turn (RoT). Extension lines have been removed.

Fix



MFD showing empty pages after updating to 25.1

Some users reported split pages that would appear empty after upgrading to the previous version

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