Software Release: 25.2
Product: HDS® PRO, HDS® LIVE, HDS® Carbon, Elite™ FS, Sonarhub™, S5100, S3100, S3100H, StructureScan®3D, ActiveTarget®, ActiveTarget®2

Software Version: 25.2 (71.2.22)
Effective Date: July 2025

25.2 Software release for Lowrance® and Sonar Modules

This software update for Lowrance MFDs and sonar modules includes a suite of new features and functionality as well as various performance enhancements and bug fixes. The software is available for download from Lowrance.com website or by over-the-air update when the display is connected to the internet.

The 25.2 software version includes:
- New Lowrance Trolling Motor features
- ActiveTarget®/ ActiveTarget®2 improvements
- 3rd Party Feature integrations:
  - Control of Yak-Power digital switching systems
  - Improvements and enhancements to Power-Pole®integration, including support for Power-Pole OnePump **(*Requires Power-Pole Software Update, from Power-Pole, available Aug '25)**

25.2 is available for all screen sizes of Lowrance Displays including HDS PRO®, HDS LIVE®, Elite FS®, and HDS Carbon® and Sonar Modules including Sonarhub, S5100, S3100, S3100H, StructureScan3D, ActiveTarget® and ActiveTarget®2.
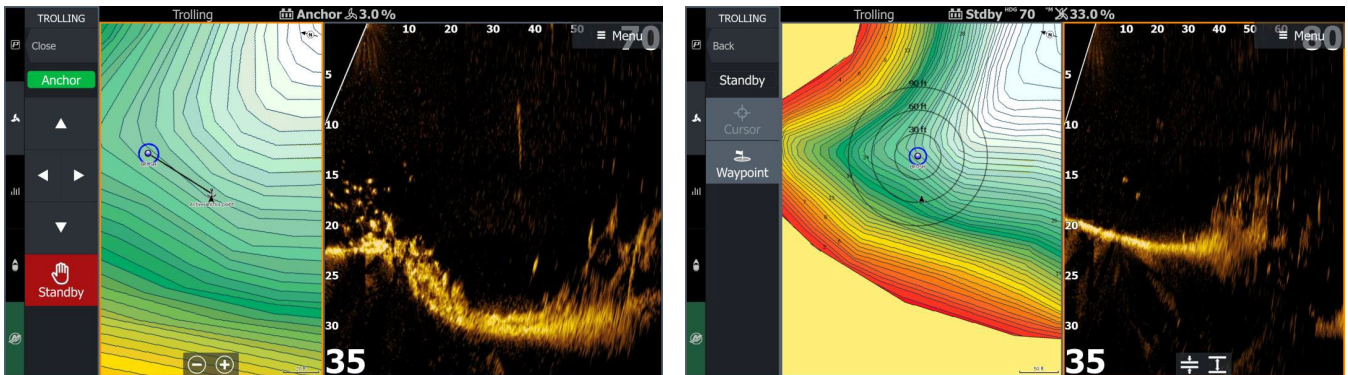
Lowrance® Trolling motor new features
The 25.2 software includes several new controls of Lowrance®/Simrad®branded trolling motors*:
- Anchor at a Distance
- Anchor Orbit
- Depth Routing

*These features are specific to Lowrance Ghost®, Ghost®X and Recon®trolling motors as well as Simrad Recon trolling motors.

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Anchor at a Distance

Choosing an anchor spot from your Lowrance®display now allows you to tell your trolling motor to anchor a certain distance away from it, rather than directly on top of your spot. Anchoring at a distance that is within reach of a cast allows you to not spook your fish by anchoring directly above them and allows anglers to make more bait presentations to them, rather than only being able to fish vertically.

This feature will only be enabled when an HDS PRO®with 25.2 software installed is connected to a Lowrance branded trolling motor.
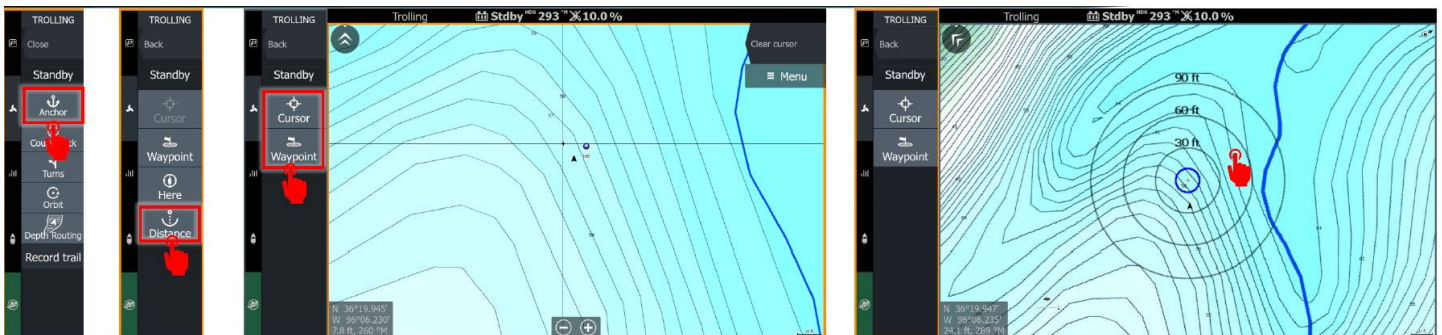

1. Select **Anchor**
2. Select **Distance**
3. Select **Cursor** or **Waypoint**. If Waypoint is selected, you will need to choose it from the drop-down menu. Once Cursor or the appropriate waypoint is selected, the range rings will appear.
4. Tap the chart at the desired offset distance
5. From there, you can manually adjust the distance value or select **Anchor**, and the boat will begin navigating to the anchor location.
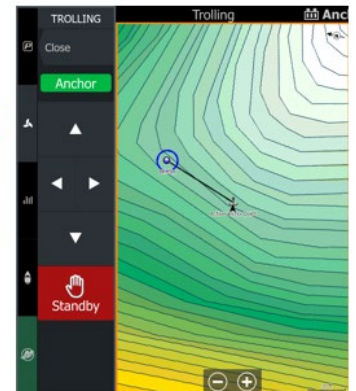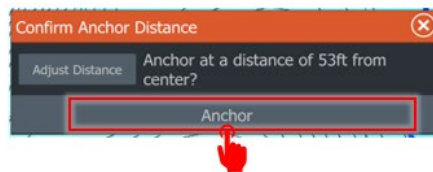
Anchor Orbit

Rather than only anchoring near your chosen spot, Orbit will engage your trolling motor to navigate in a circle around your chosen spot. This allows anglers to attack the spot they have chosen to fish from all sides with east. Triggering strikes by finding the perfect place to make a cast.
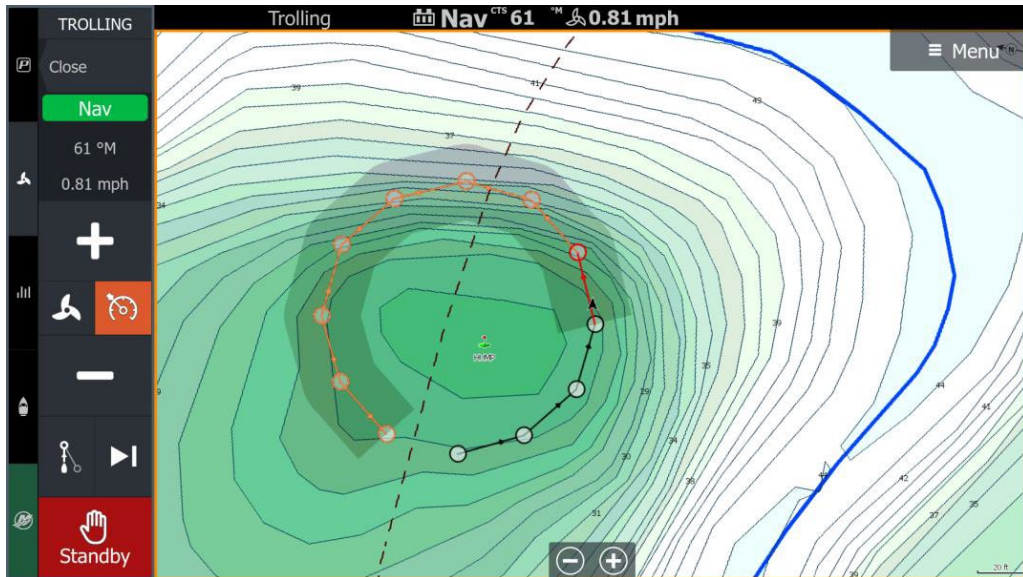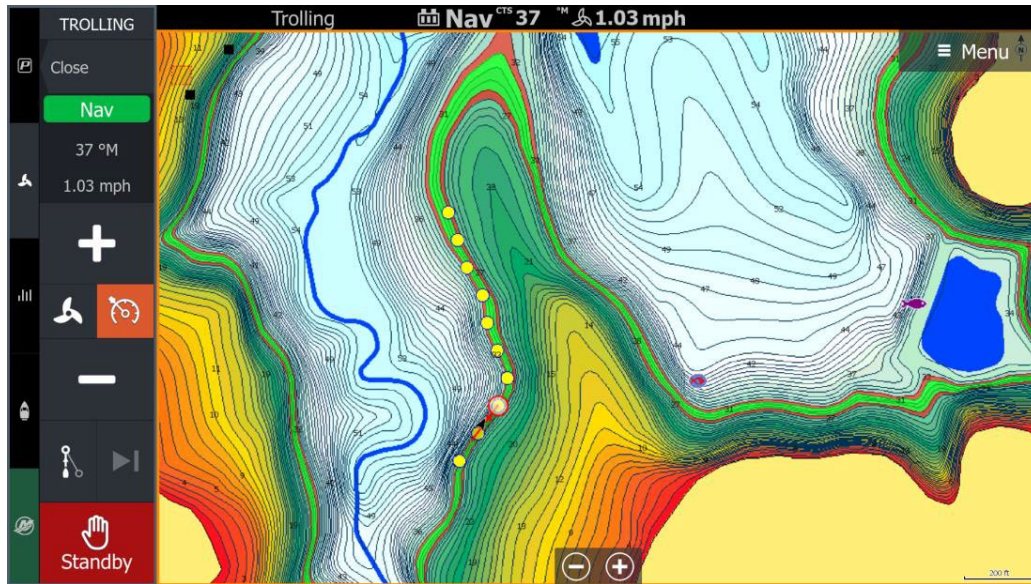

This feature will only be enabled when an HDS PRO®with 25.2 software installed is connected to a Lowrance branded trolling motor. Ghost®users will need to set the arrival mode to Standby in the autopilot menu settings for Anchor Orbit to continue navigating after reaching the endpoint.
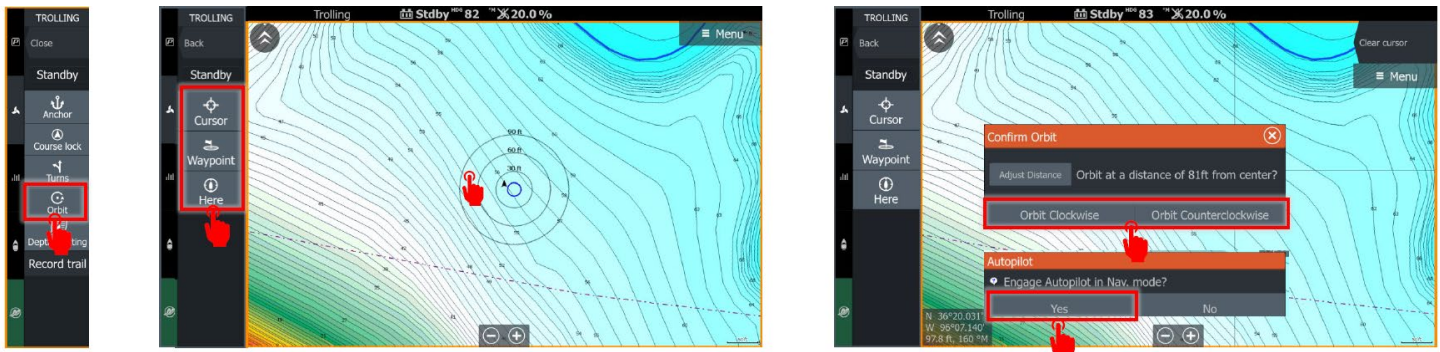

1. Select **Orbit**
2. Select **Cursor**, **Waypoint**, or **Here**. If Waypoint is selected, you will need to choose it from the drop-down menu.
3. Tap the chart at the desired offset distance to orbit.
4. From there, you can manually adjust the distance value or select **Orbit Clockwise** or **Orbit Counterclockwise** to choose the direction.
5. When prompted to Engage Autopilot in Nav. Mode, select **Yes**.

Depth Routing

Depth routing is a powerful tool which will automatically create routes for your trolling motor to follow within a specified depth range. Automatically navigating your body of water in a desired depth allows anglers to focus on fishing, rather than navigating. Always have your boat in the right depth to find fish without thinking about it.

Depth ranges must be a minimum of 3' or larger between the min/max depths. This feature will only be enabled when an HDS PRO®with 25.2 software installed is connected to a Lowrance®branded trolling motor.
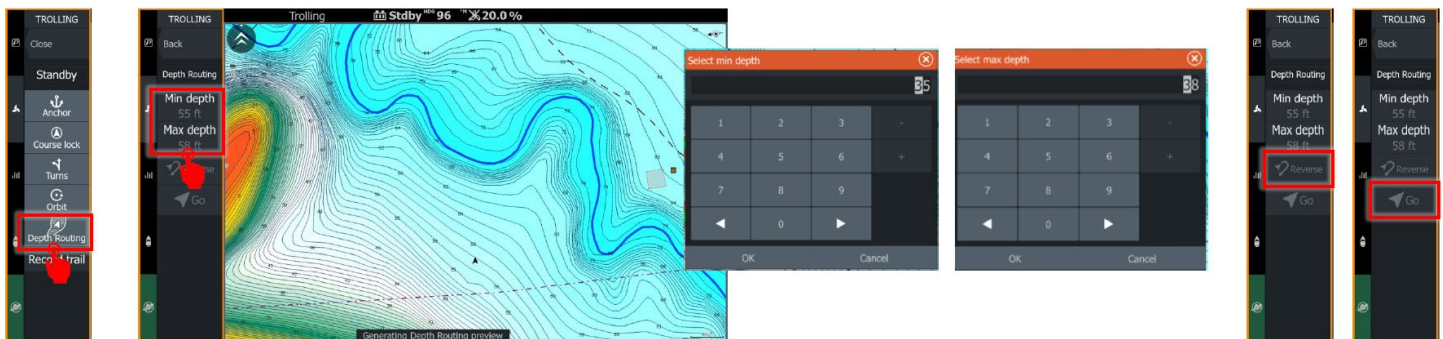
1. Select **Depth Routing**
2. Select your **Min** and **Max Depth**. You must have a minimum of 3' between the min and max.
3. Once the route loads, you may select **Reverse** to switch the route direction or select **Go** to begin navigating to the start point.
4. When prompted to Engage Autopilot in Nav. Mode, select **Yes**.

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ActiveTarget® Improvements

Building from our previous 25.1 software update, 25.2 includes even more improvements and updates for ActiveTarget systems. The included changes require updating the MFD(s) and ActiveTarget module(s).

New with 25.2:

ActiveTarget Depth Offset
- Depth offset allows users to compensate their ActiveTarget 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 ActiveTarget transducer up.

Reverse Range controls
- Customizations for how far behind the ActiveTarget transducer image is displayed on screen when in forward mode.

New Color Palettes
- Three new color palettes added to the list for ActiveTarget, 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 ActiveTarget transducer is installed, the transducer 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.
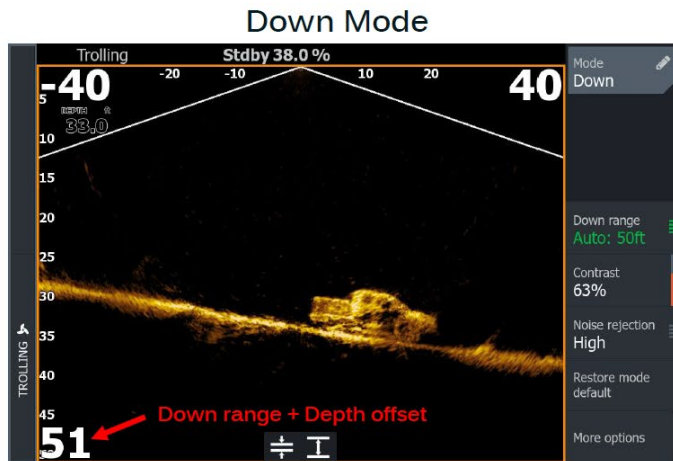
In Forward mode, when the proper depth offset distance is applied, the water column data between the transducer and water surface is now viewable, allowing visibility up to the water surface.
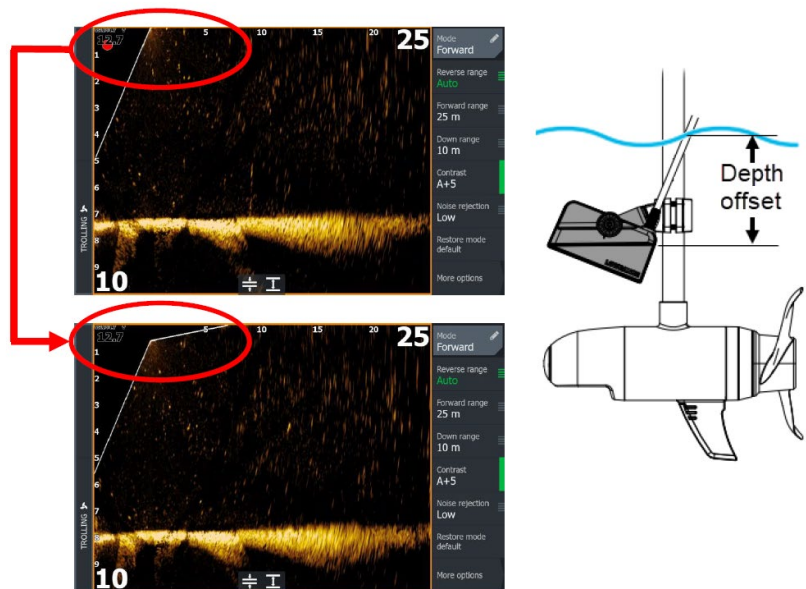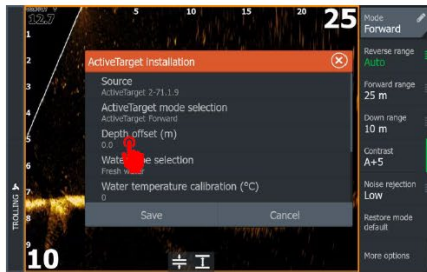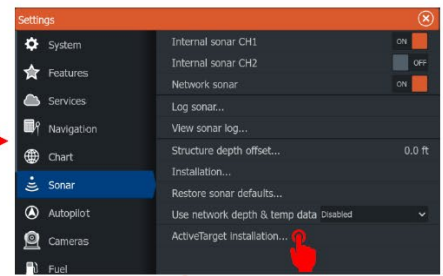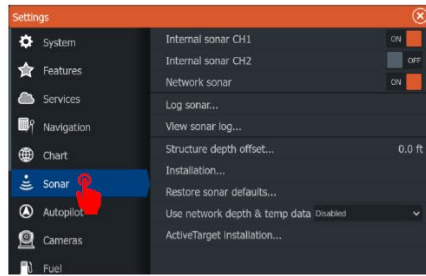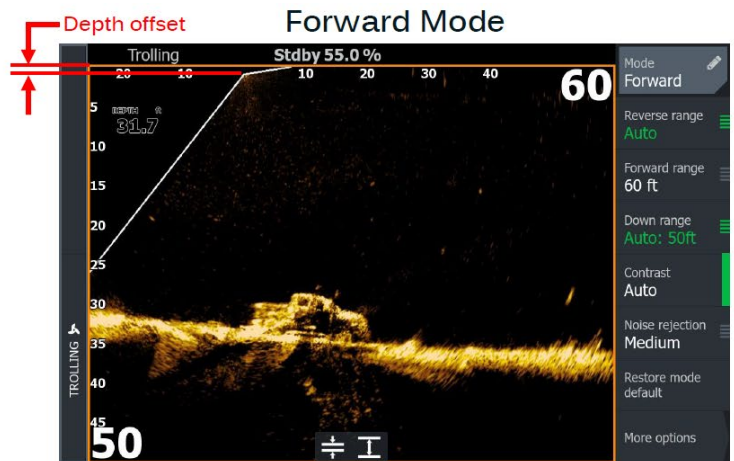
ActiveTarget®Depth Offset – Forward vs Down Mode
Depth Offset behaves slightly different for Down and Forward Modes.

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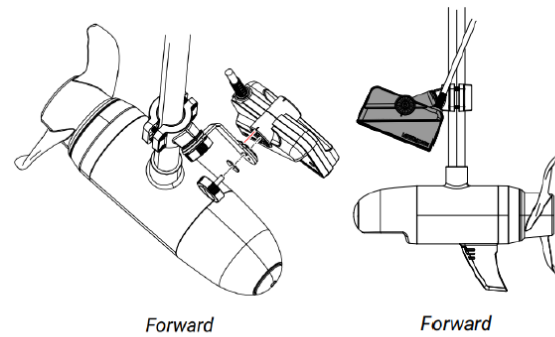
An Angle offset can be applied (if required) to get the most accurate representation for your specific transducer and installation if your shaft/pole is angled slightly.

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.

*Forward*   *Forward*
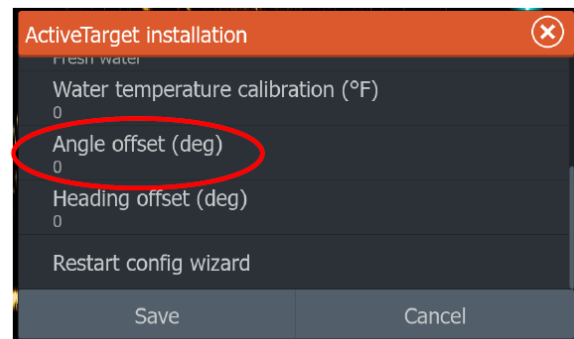
Note:

- 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.
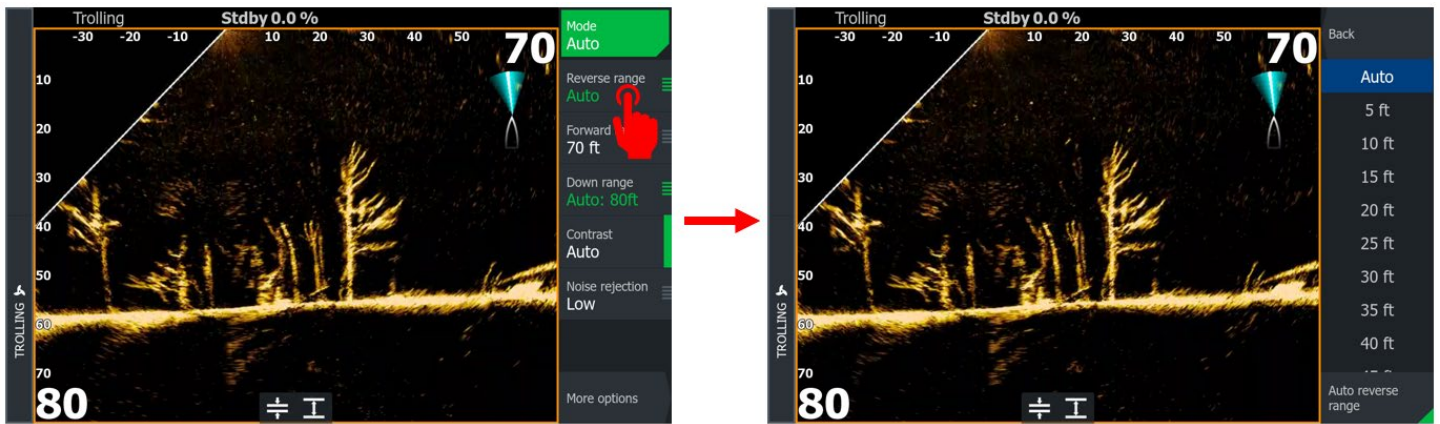
ActiveTarget® Reverse Range in Forward Mode

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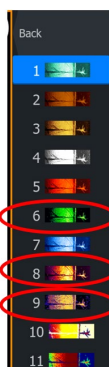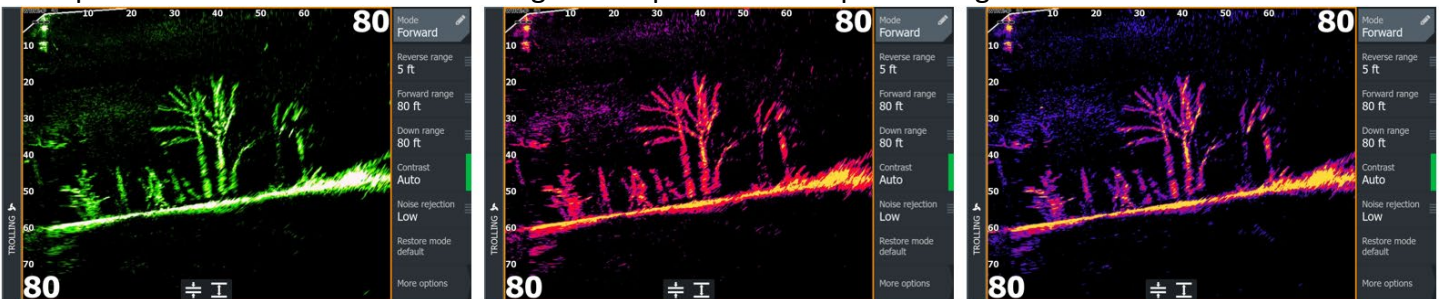
Note:
By default, Reverse range will be set to Auto. When set to Auto, the reverse range is ~50% of the Down range.
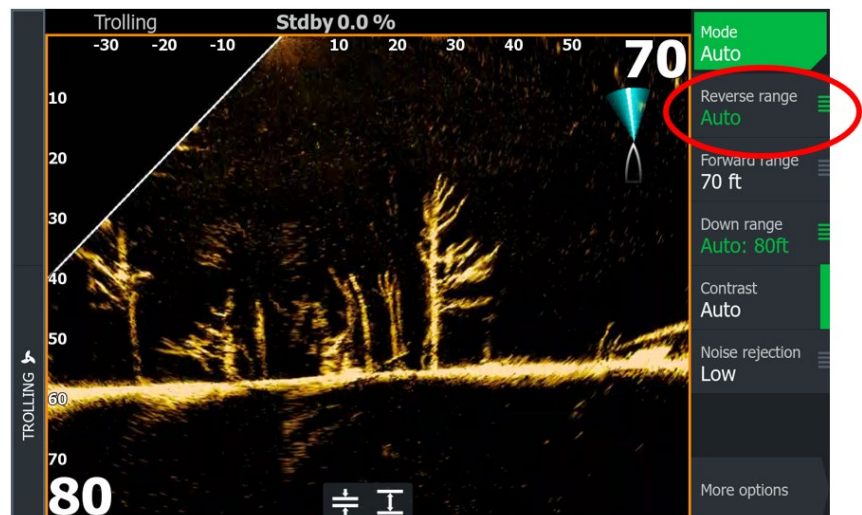
ActiveTarget®: NEW Color Palettes

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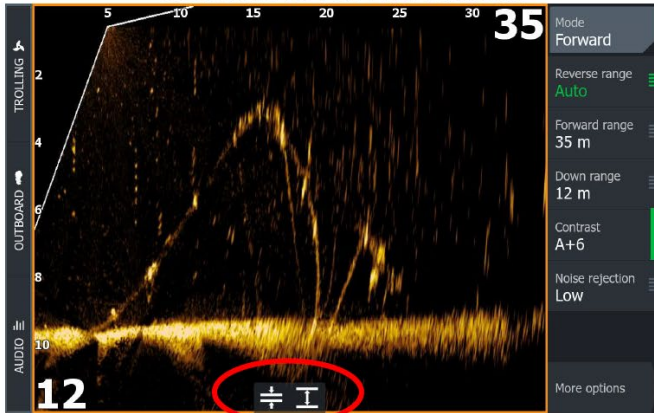

No color palettes were removed but the order of existing palettes has been altered.

- 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® On Screen Range Control

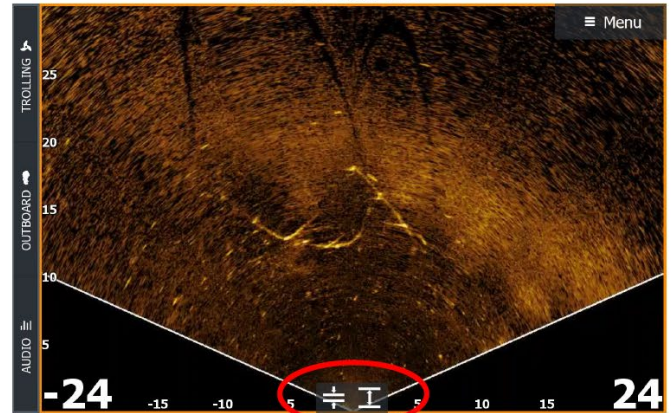On screen controls have changed from Zoom to Range controls.

Down and Forward Mode

Scout Mode

In Down and Forward Mode:

• On screen Zoom functions have been updated to now control Down Range. (previously they were + and – which enabled zooming in or out of examining the sonar image

In Scout Mode:

• On screen Zoom functions have been updated to now control Range, both length and width together. (previously they were + and – which enabled zooming in or out of examining the sonar image

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.
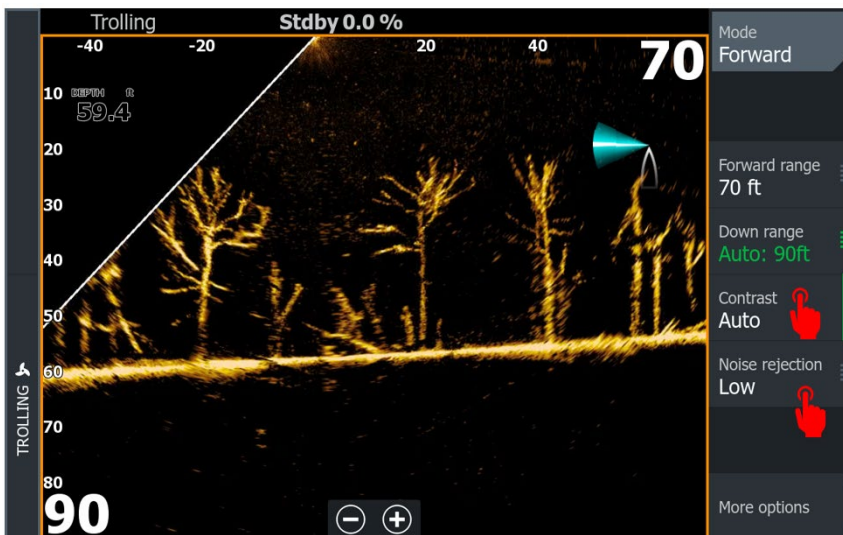

Example:

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

In the event that your system does not behave as described after performing the update, it is recommended to perform a Global settings Restore Defaults.

Make sure **all** the MFD's with ethernet connection to ActiveTarget ® module(s) and all ActiveTarget systems are powered on.
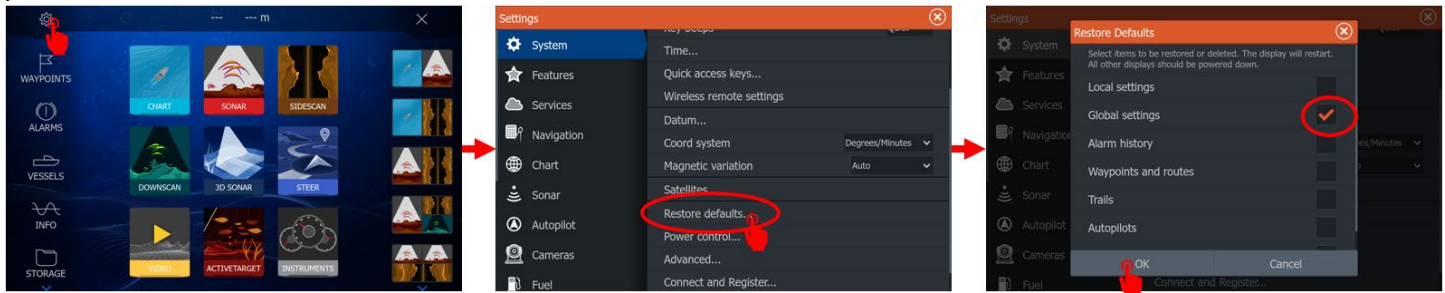
Press Pages> Settings> System> Restore Defaults> un-check Local Settings and **make sure only *Global settings* is check marked** and press OK. Do this procedure on all connected MFD's.

The Global settings reset will restore any previously applied Depth Offset, Angle Offset and Heading Offset values back to 0. You will need to reapply these Offsets (if applicable) after performing the Global Settings reset.

YAK Power Integration

This feature adds Bluetooth control on Lowrance MFDs for the Yak Power Digital switching system via a new control bar.

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) Battery Charging Priority Slider

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, your Lowrance® display will display the TROLLING left hand sidebar 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 Lowrance devices. This is expected Q3 2025.

OTHER FIXES AND IMPROVEMENTS

Changes
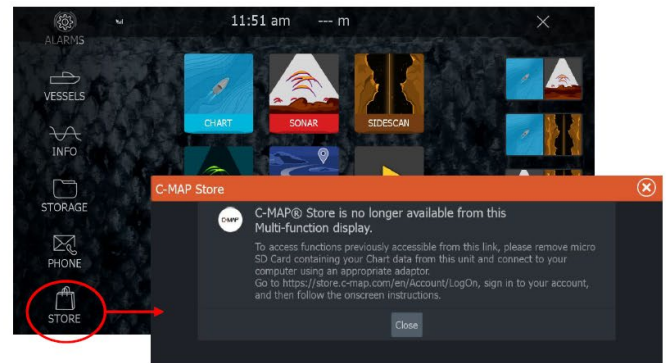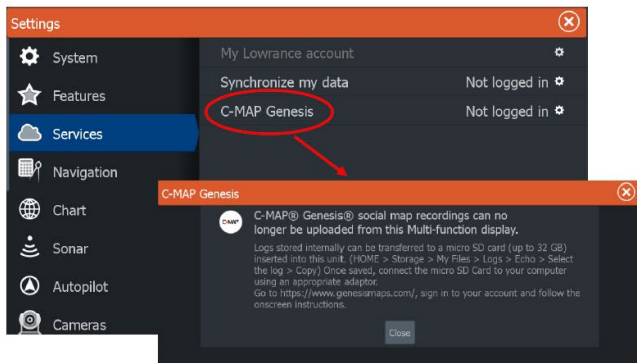
When trying to access the C-MAP Genesis upload service or the C-MAP Store, users will see a message with instructions for uploading sonar logs from a PC or downloading charts from a PC and loading them into your Lowrance display.

Due to a C-MAP technical issue, these functions can no longer be completed on the Lowrance display.

Bug Fixes

- Fixed an issue where StructureScan3D® could not be used as temperature source
- Fixed an issue where sonar returns were weak when FishID was active
- ActiveTarget® recording improvements, system automatically starts a new recording after 1 hour
- HDS PRO® , "Update being finalized" notification fixed
- HDS PRO®, Fixed an issue where Active Imaging HD downscan frequency was displayed incorrectly in other than English language
- HDS PRO®, Fixed an issue with SideScan using Active Imaging HD when custom frequency was used in normal sonar
- HDS Carbon® , fixed an issue with language packs missing some languages in 25.1
- S3100, Fixed a bug where CH1 was not transmitting in full power if CH2 was paused or not being used
- HDS PRO® now transmits touch commands via USB to 3rd party monitors

Download information

The latest software version is available to download from
https://www.lowrance.com/downloads/

MFD software files:
EliteFS-25.2-71.1.22-Standard-1.upd
HDS_Carbon-25.2-71.1.22-Standard-1.upd
HDS_Live-25.2-71.1.22-Standard.upd
HDS_PRO-25.2-71.1.22-Standard-1.upd

Sonar Module software:
ActiveTarget-25.2-71.1.22-Standard-1.riw
S3100-25.2-71.1.22-Standard-1.riw
S5100-25.2-71.1.22-Standard-1.riw
Sonar_Hub-25.2-71.1.22-Standard-1.riw
StructureScan3D-25.2-71.1.22-Standard-1.riw

For the best performance, make sure that all MFD's and Sonar Modules are updated and running the same software version.