LOWRANCE
26.2 Software Release Notes

26.2 SOFTWARE RELEASE HIGHLIGHTS

New with 26.2-72.1.36:

- **ActiveTarget® Improvements/Fixes**
  - Improved sector stitching by allowing ActiveTarget to use a network-provided temperature data source.
  - Fixed partial data rendering issue in Scout mode present in 26.1.

- **Other Fixes**
  - Resolved an issue causing the sonar depth overlay to show "---" when the selected source was not visible on an MFD display.
  - Resolved a reboot issue on HDS Live units when opening a Ghost® 360 panel.

ActiveTarget® Improvements

ACTIVETARGET® STITCHING IMPROVEMENTS

- ActiveTarget® needs the water type and accurate water temperature to calculate sound speed for rendering the clearest images and smoothest sector stitching.
- **Selecting the correct Freshwater or Saltwater water type during setup is critical for optimal performance.**
- Water temperature is measured by the ActiveTarget transducer. Because the transducer is frequently stowed and redeployed, its temperature may not initially match the water temperature. This temperature difference can temporarily cause visible stitching or reduced image clarity.

What's new in 26.2:

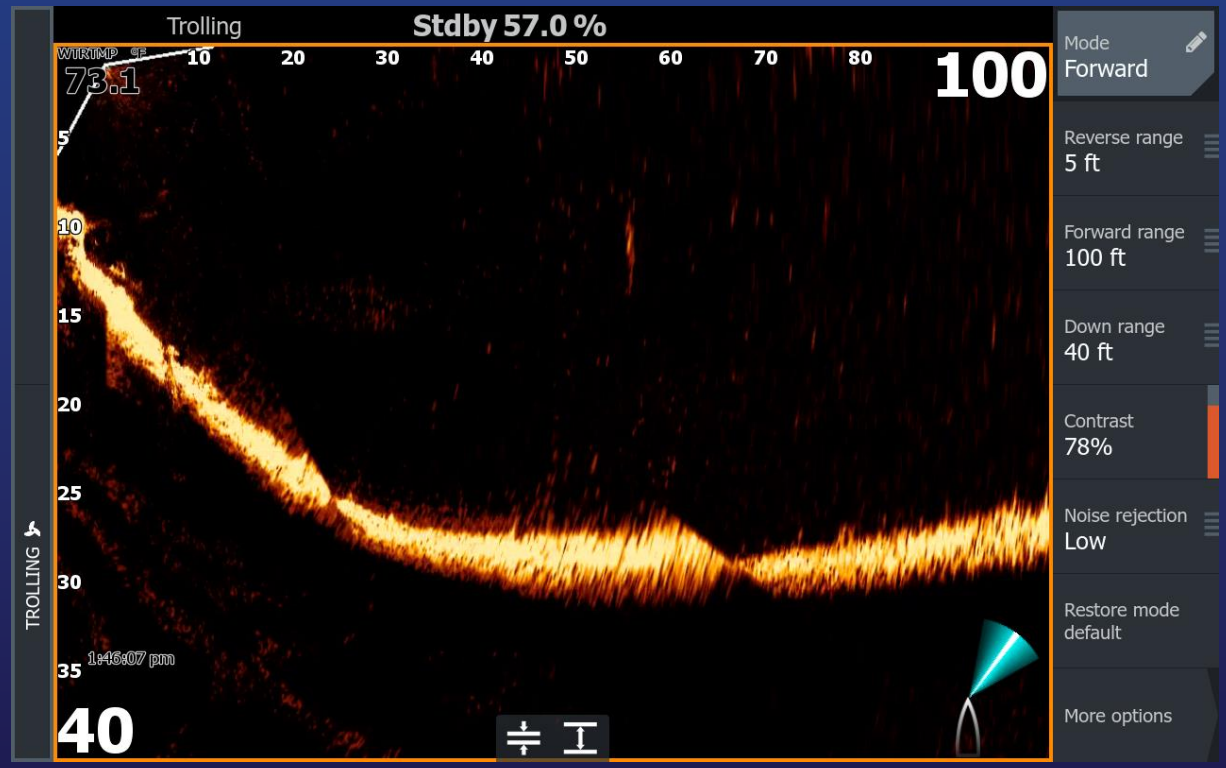
- ActiveTarget can now use an alternate temperature source from the network (if available).
  - If there are no network temperature data sources available, the temperature from the ActiveTarget transducer will be used.
    - This is the same behavior as previous software versions.
- Transom-mounted and in-hull transducers remain constantly submerged, providing a more stable and accurate temperature reading. NMEA 2000 water temperature sensors can also be used.
- When one of these sources is selected:
  - No need to wait for the ActiveTarget transducer to acclimate to the water temperature
  - Immediate optimal image clarity
  - Improved stitching

ACTIVETARGET® STITCHING IMPROVEMENTS (EXAMPLE)

The screenshots below illustrate the improvement achieved by selecting a water temperature source that remains constantly submerged and immediately reflects the correct water temperature after deploying the ActiveTarget transducer.

The screenshot on the left shows ActiveTarget selected as the temperature source after the transducer had been stowed on the deck in direct sunlight for approximately 30 minutes. The screenshot on the right shows the result immediately after deployment when a transom-mounted transducer was selected as the temperature source.

On this day, the surface water temperature was 49°F, while the air temperature was 80°F under clear, sunny conditions.



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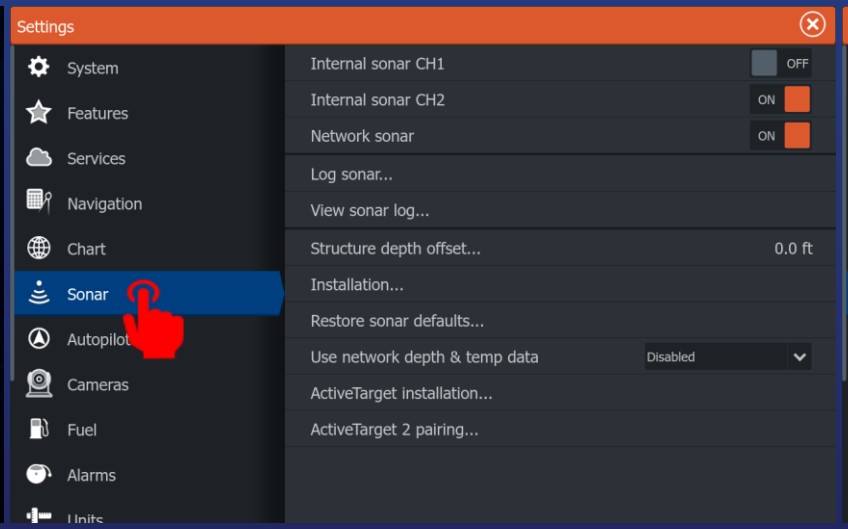
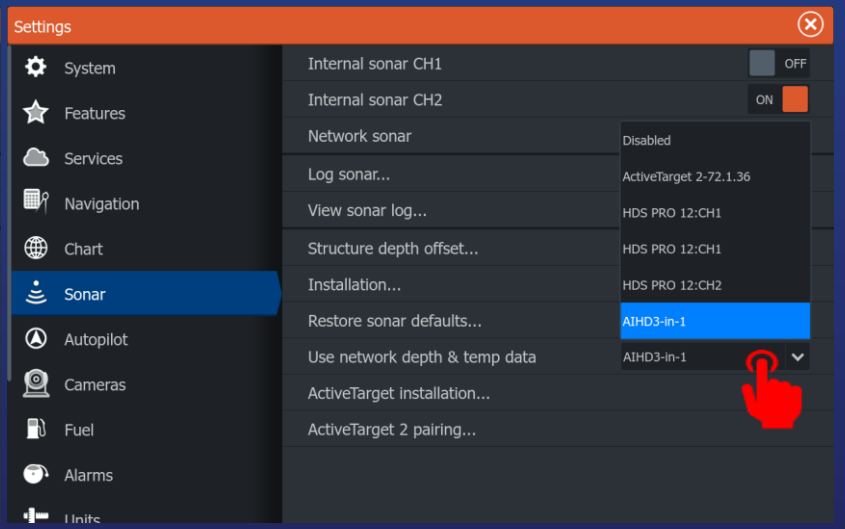
SELECTING WATER TEMPERATURE SOURCE | STEP 1

Water temperature and depth are shared over the NMEA 2000 network. As a result, some network data sources may not appear in the **Network Data Source** selection until the device has been enabled.

To make this source available, select the desired device in:

Sonar ➔ Settings ➔ Use network depth & temp data.



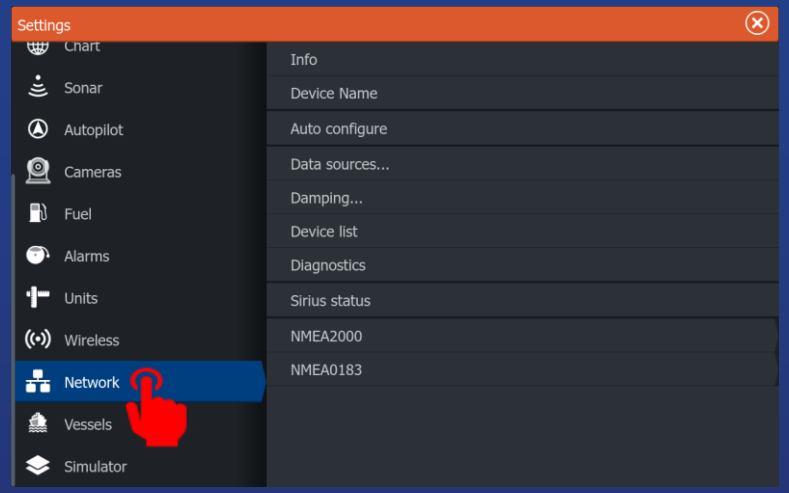


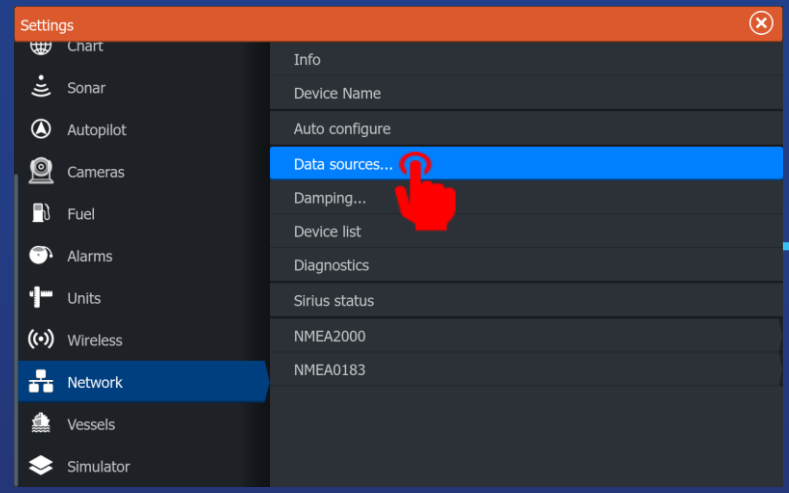
NOTE: Select the desired temp source from the list

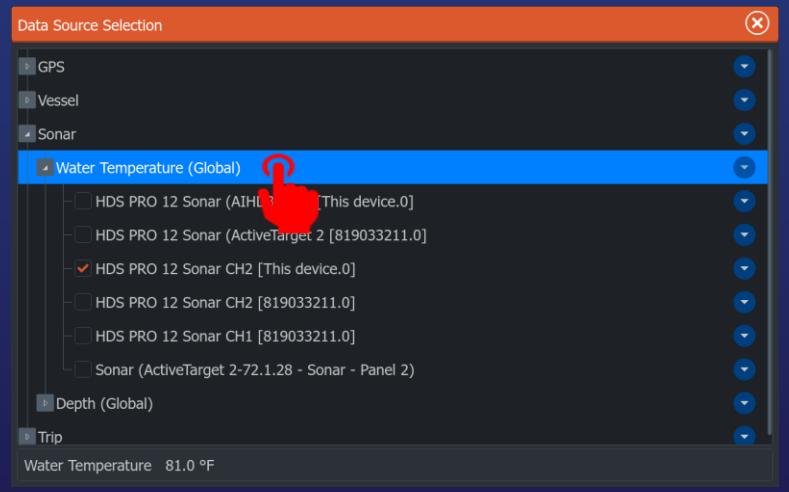
LOWRANCE

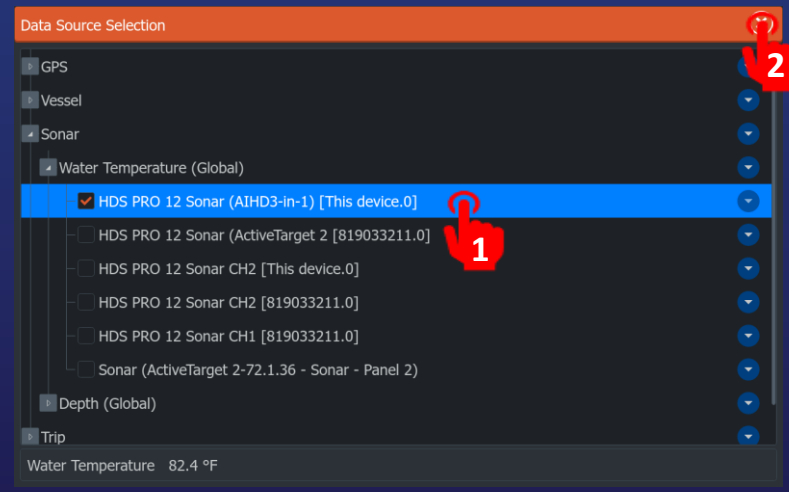
SELECTING WATER TEMPERATURE SOURCE | STEP 2 (OPTION 1)

Changing the Water Temperature source via “Network Data Sources” as shown in this sequence.







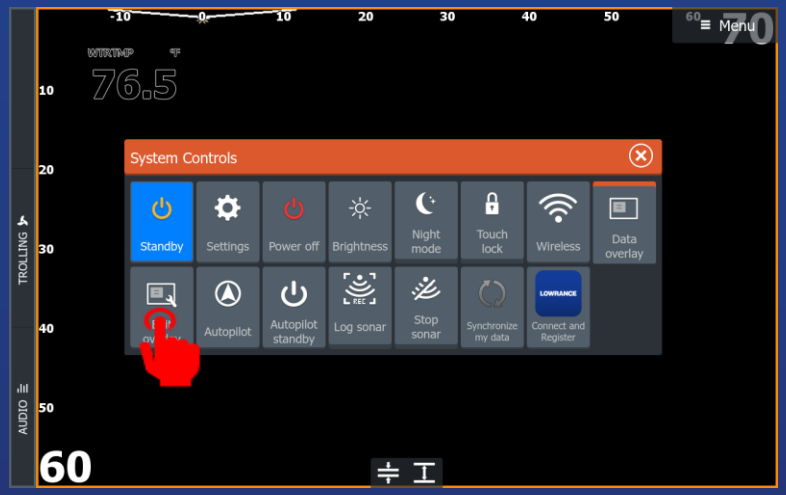


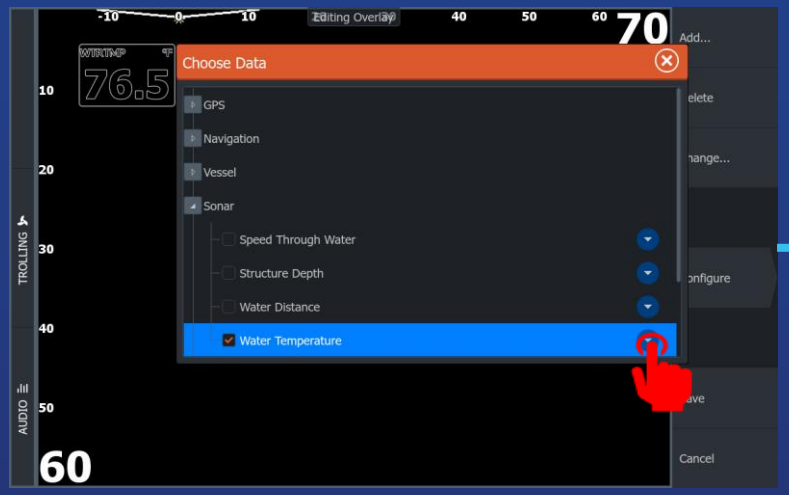
NOTE: Select the desired temp source from the list

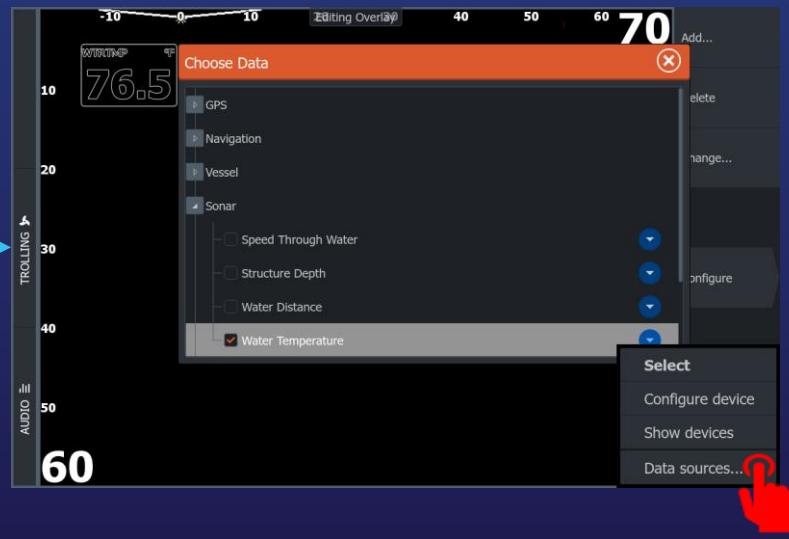
LOWRANCE

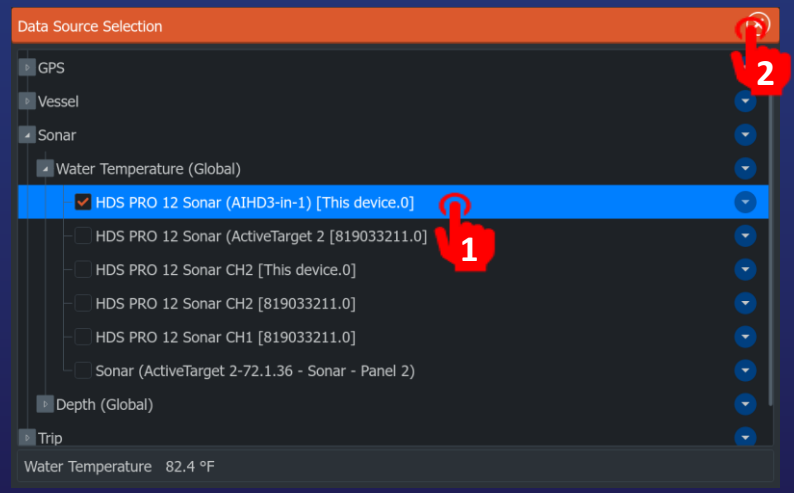
SELECTING WATER TEMPERATURE SOURCE | STEP 2 (OPTION 2)

Changing the Water Temperature source via “Edit Overlay” as shown in this sequence.









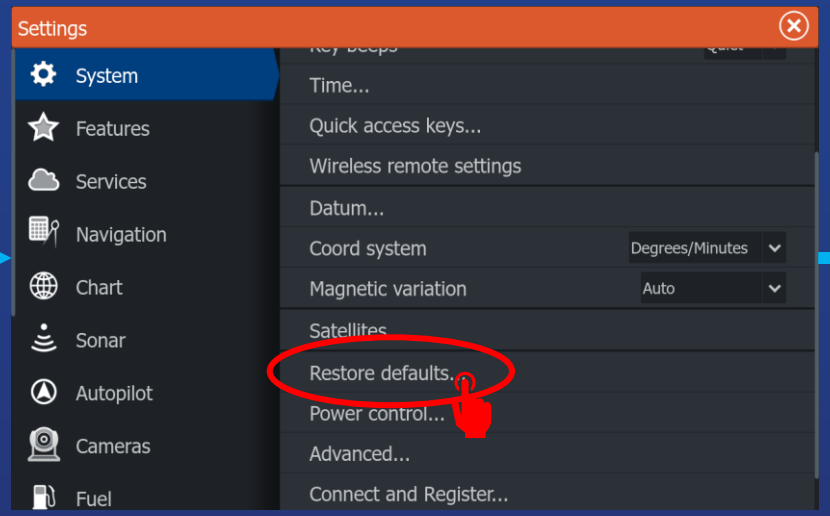
NOTE: Select the desired temp source from the list

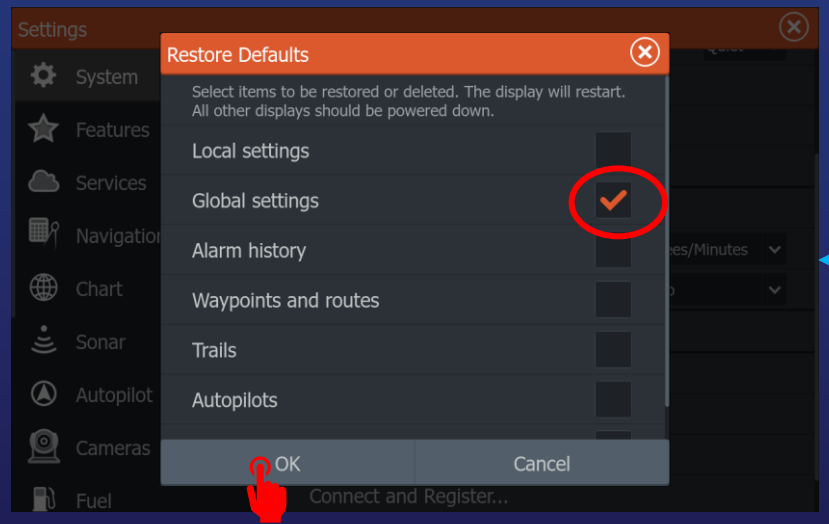
LOWRANCE

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.

*A global settings reset is **not required** after updating the software **for most users.**





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.*

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Notable Changes from the 26.1 Software Release Included in Version 26.2

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26.1 SOFTWARE RELEASE HIGHLIGHTS

New with 26.1:

- ActiveTarget® 2 XL support
- ActiveTarget® Improvements
  - Beam Indicator accuracy
  - Image quality with Noise Rejection set to “Off”
  - Auto ranging when manual range was manually set is fixed
- Other Improvements
  - Improved sonar returns on select AIRMAR® Chirp transducers
  - SideScan and DownScan ImagingTM now available from StructureScan® 3D transducers on Simrad® NSX® and NSS® 4 multi-functions displays
  - Fixed bug asking to change the chart data selection every time after reboot when multiple C-MAP charts were loaded on the same SD card

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ActiveTarget®2 XL Support

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ACTIVETARGET ® 2 XL SUPPORT

New with 26.1 is support for the all-new ActiveTarget ® 2 XL System:

- **Best-In-Class Resolution:**
  - Our live sonar resolution was already best in class. Now, it's even sharper..
- **Largest Field of Vision**
  - Leave nothing unseen with a full 180° XL live view across Forward, Down, and Scout modes all from a single transducer
- **Quick-Switch Views**
  - For the first time, switch instantly between Forward XL and Down XL views on your display. No need to go fishing for your transducer. Just select your preferred view, and fish.
- **Scout Live 360 in Dual Paired Mode**
  - Combine two systems to unlock an industry-first 360° Scout XL live view around your boat*.
    **Two sonar modules and two transducers required. HDS PRO only*
- **Easy Upgrade**
  - Compatibility with the existing ActiveTarget 2 sonar module means upgrading has never been easier.

LOWRANCE

ACTIVETARGET ® 2 XL | ON SCREEN MODE CHANGE

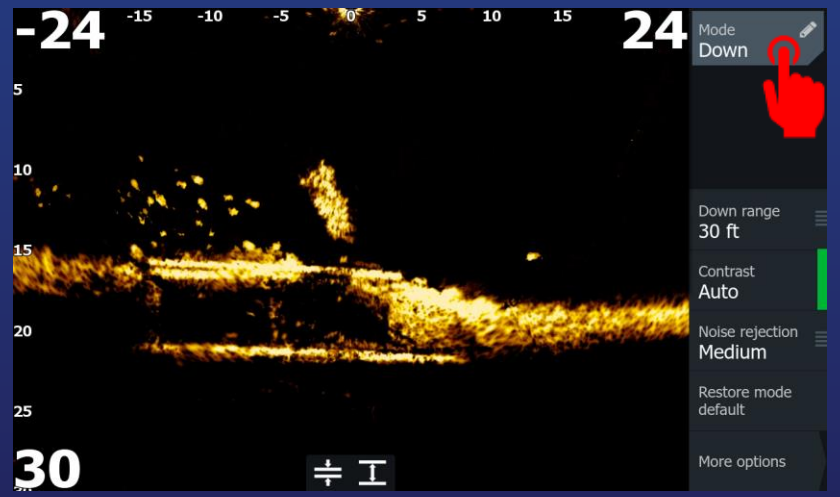
Switching between Forward XL and Down XL Views is as simple as selecting “Mode” option on the Menu Sidebar on the main ActiveTarget panel.

Note: When the Mode is set to “Auto” and the Transducer is in Forward/Down XL orientation, the default Mode is set to “Forward”.

Unlike ActiveTarget® & ActiveTarget® 2, switching between these two modes does not require changing the orientation of the transducer which adds benefit to the user’s experience.

Forward

Down



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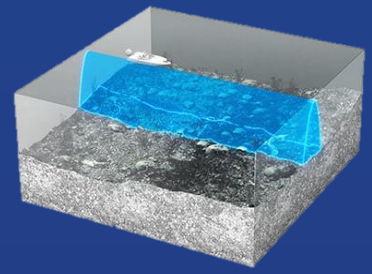
ACTIVETARGET ® 2 XL | TOTAL VISIBILITY

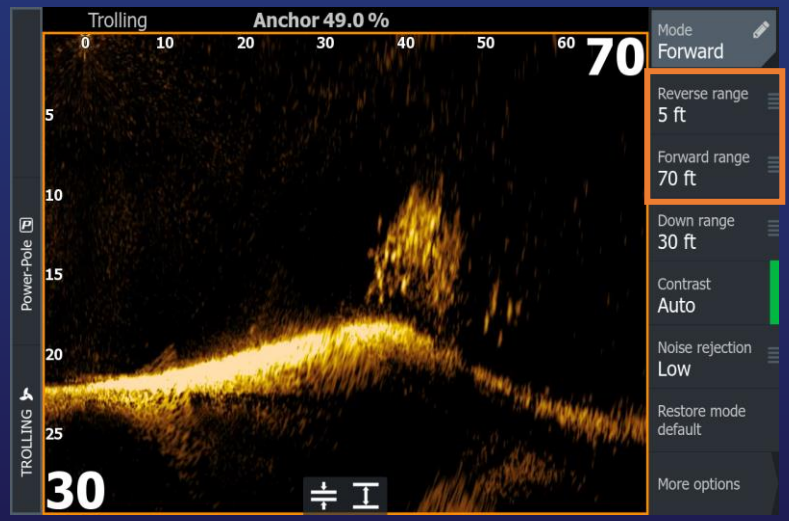
Reverse range was introduced in the last software release. Utilizing Reverse Range, Forward Range and Down Range allow for full control to see your bait and fish anywhere in the scene.

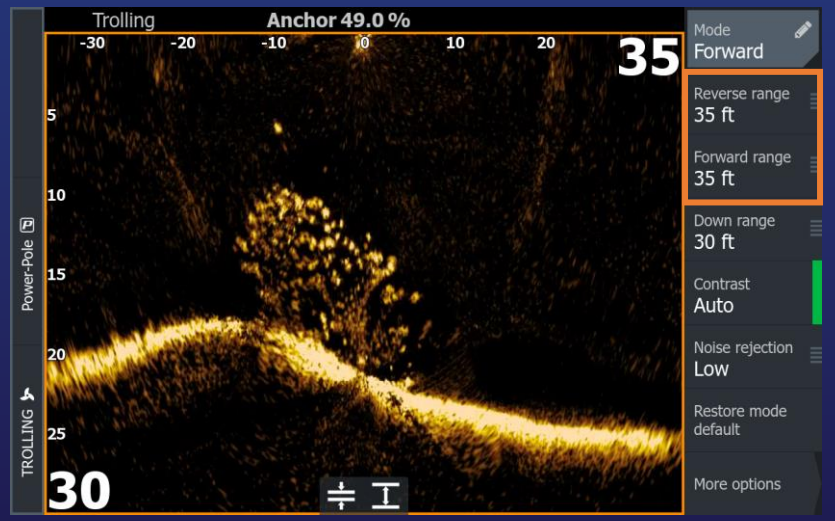


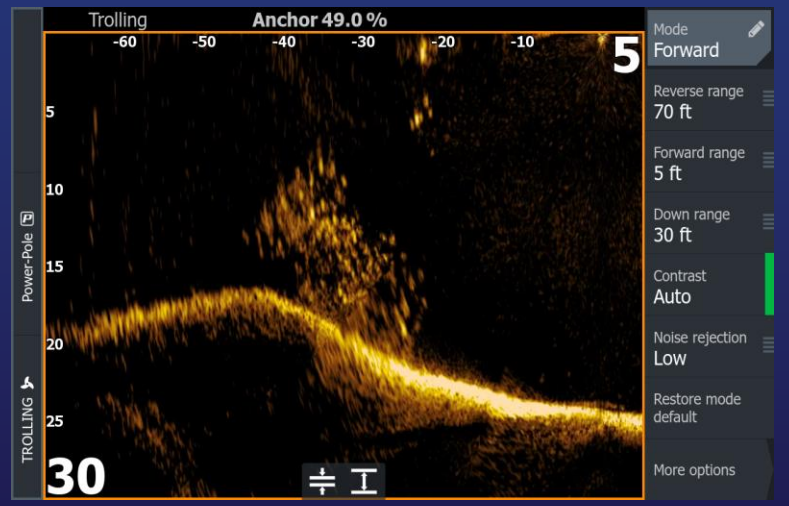
Forward XL
Starting from a zero point in the top left corner, maximize your forward view by reducing the reverse range

Down XL
Starting from a zero point at the top center of the screen, highlight the sonar data in front, below and behind the transducer for optimum vertical bait presentation

Reverse XL
Increasing the reverse range uncovers more of the scene behind the transducer, expanding your viewing area behind you







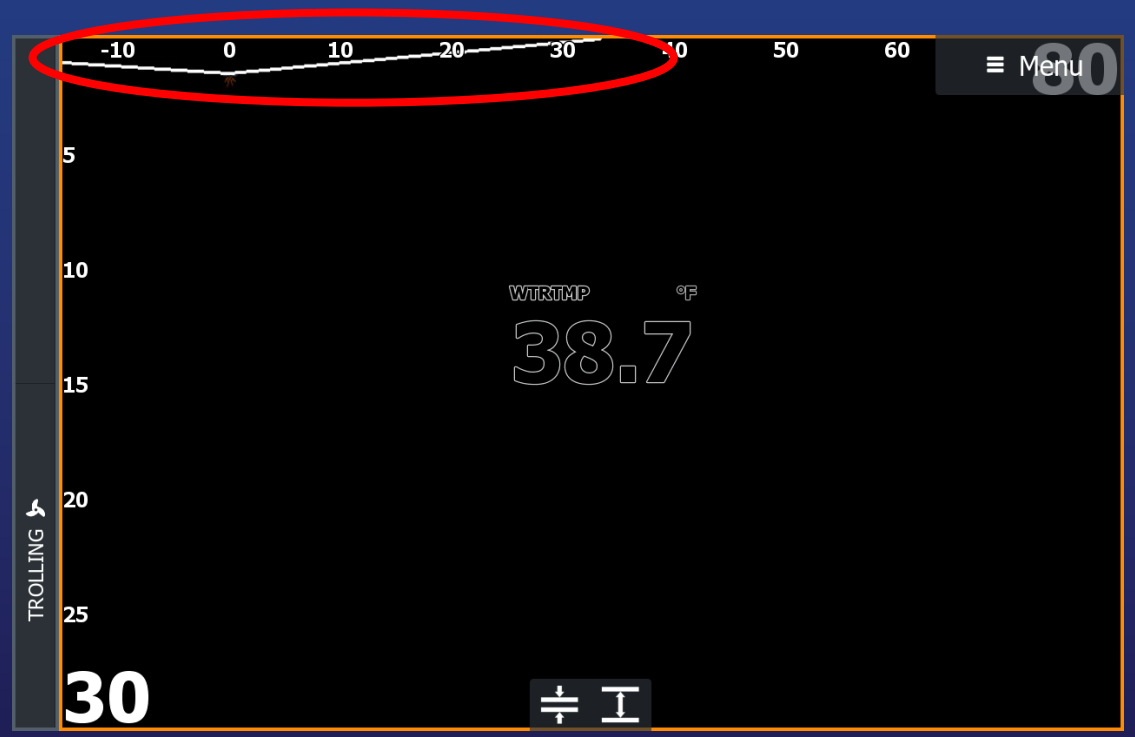
LOWRANCE

ACTIVETARGET ® 2 XL |DEPTH OFFSET

When an ActiveTarget® transducer is installed, the transducer will be below the water surface.

Depth offset, found in the ActiveTarget Installation Menu, 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 shown, allowing visibility up to the water surface.

The amount of extra data above the transducer is dependent on the surface temperature of the water. In colder water conditions, there is less data available above the transducer, meaning the viewable portion of the surface occurs at a farther distance away from the transducer.



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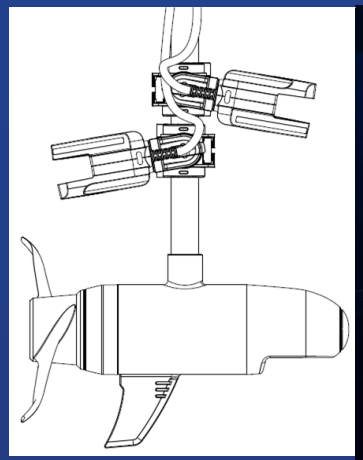
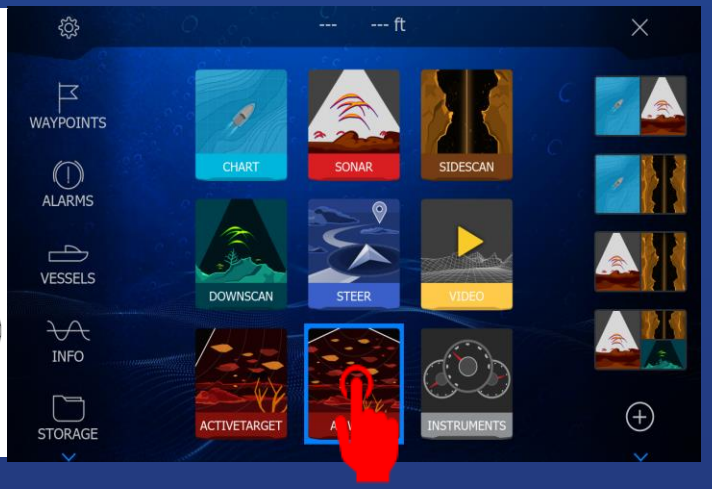
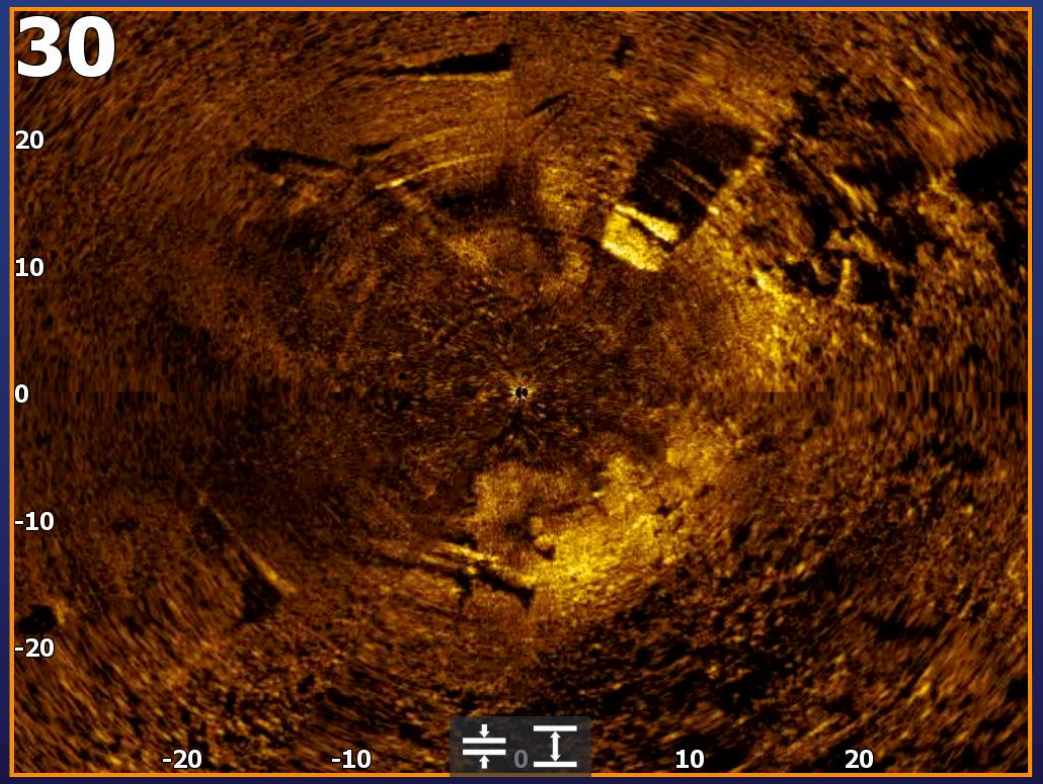
ACTIVETARGET ® 2 XL | SCOUT LIVE 360

Two paired ActiveTarget 2 XL systems and an HDS Pro display unlocks the industry's first Scout Live 360 view, allowing you to make the perfect cast without having to move your boat.

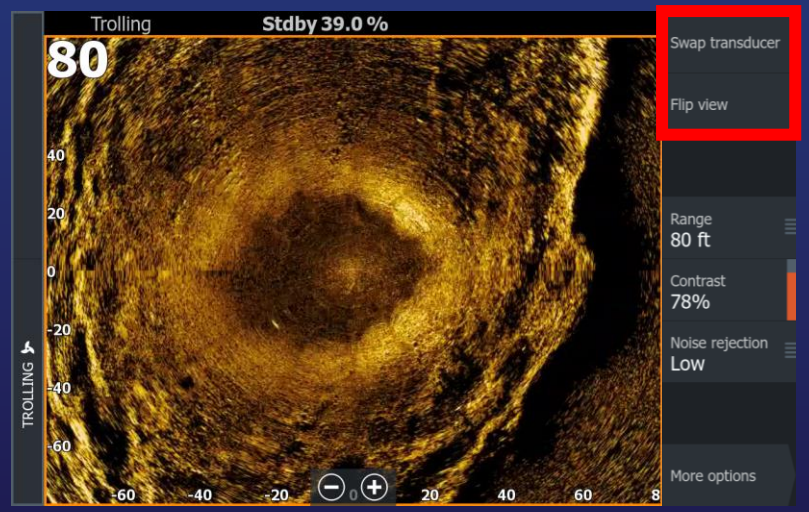
Scout Live 360 view is shown on the **AT Wide** app found on the home screen of the HDS Pro display once two ActiveTarget 2 modules are detected on the network.







Once the Scout Live 360 View is displayed, verify that the image of the underwater scene is accurate and objects are placed correctly in correlation to the vessel. If the scene is not correct, select ***Swap transducer*** or ***Flip view*** until corrected.



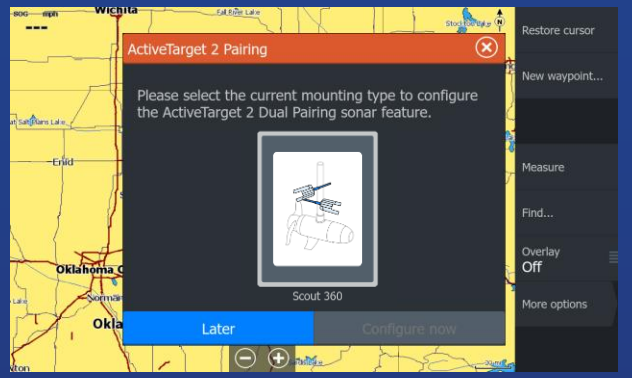
Note:
It is best to view a known structure, like a boat ramp or other object sticking above the water surface, to determine if the setup is correct and the composite image is rendered properly.

LOWRANCE

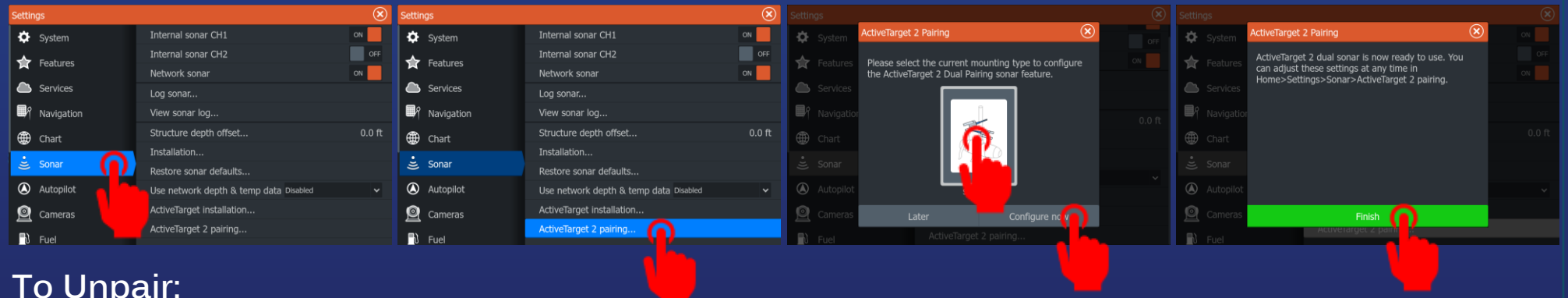
ACTIVETARGET ® 2 XL | SCOUT 360 PAIRING & UNPAIRING

When on the same network, the ActiveTarget® 2 pairing wizard will automatically display. Pairing can be achieved by selecting the Scout Live 360 image and clicking Configure now or by clicking Later and following the steps below in the Sonar settings menu.

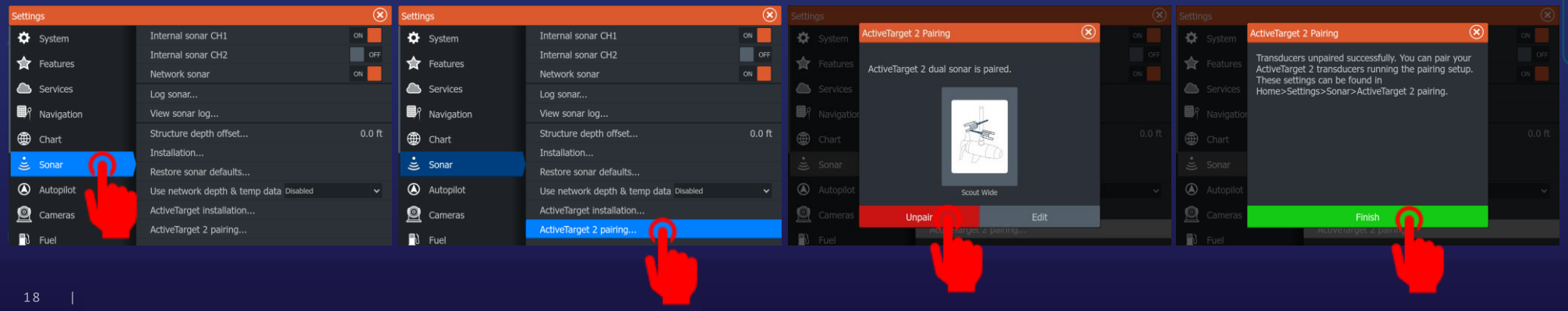
The Scout Live 360 view is only available in the ActiveTarget® Wide app. You must Unpair if you want to use both ActiveTarget® 2 XL's as standalone systems in the ActiveTarget® app.



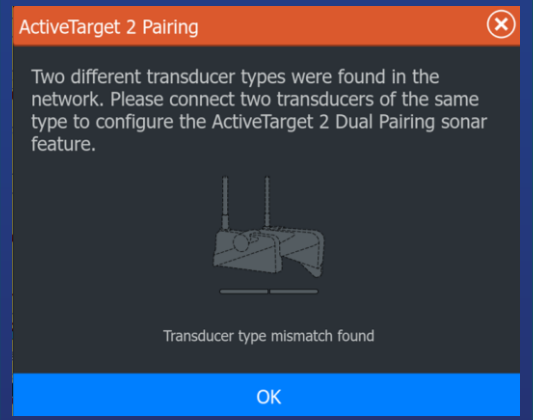
To Pair:



To Unpair:



Note:
Pairing is not supported when one ActiveTarget® 2 and one ActiveTarget® 2 XL are being used on the same network.



The dialogue above will be shown if two ActiveTarget transducers are detected that cannot be paired.

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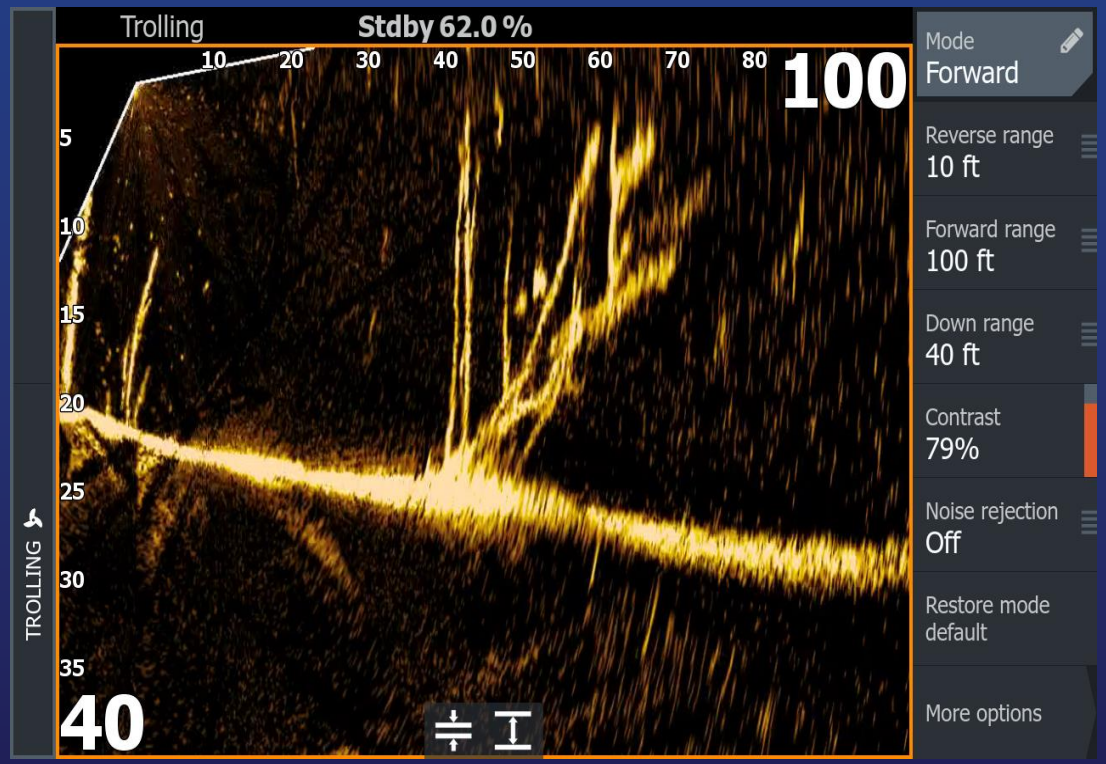
ActiveTarget® Improvements

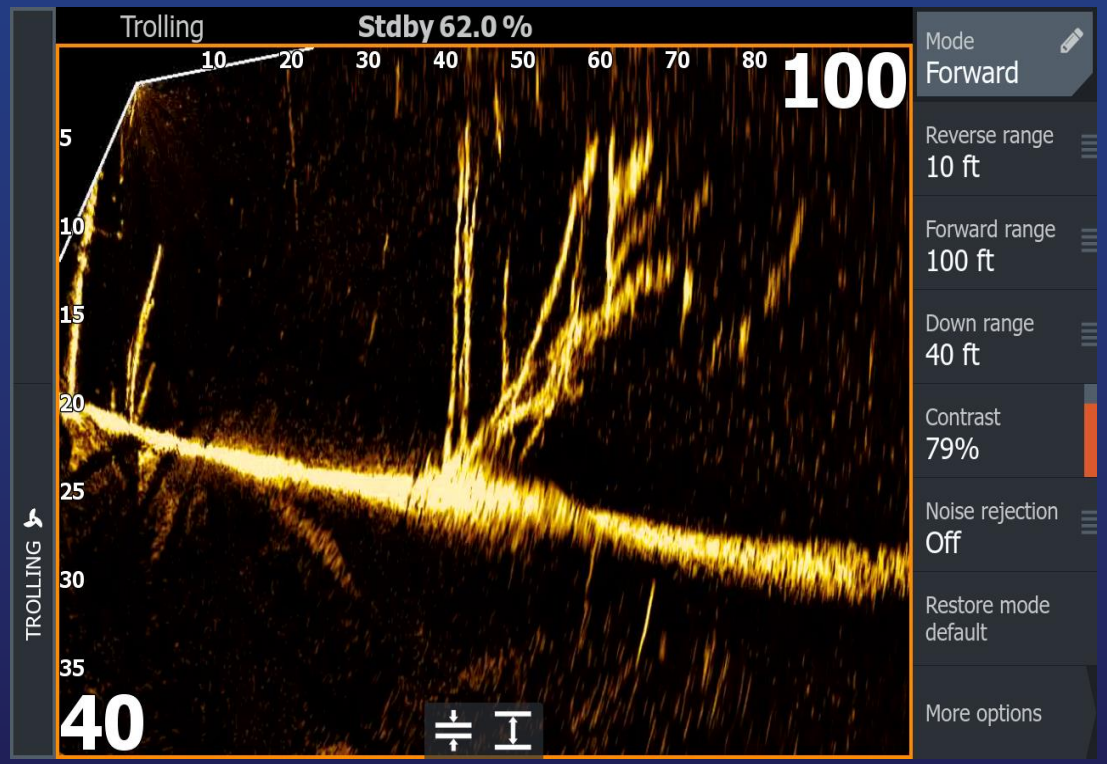
ACTIVETARGET ® IMPROVEMENTS| IMAGE QUALITY FOR NOISE REJECTION “OFF”

In this new software version, the “Off” noise rejection setting has been improved to reduce clutter and noise on the screen. This allows for structure, fish and your bait to be more visible on the screen.

Previous Software



NEW 26.1 Software



LOWRANCE

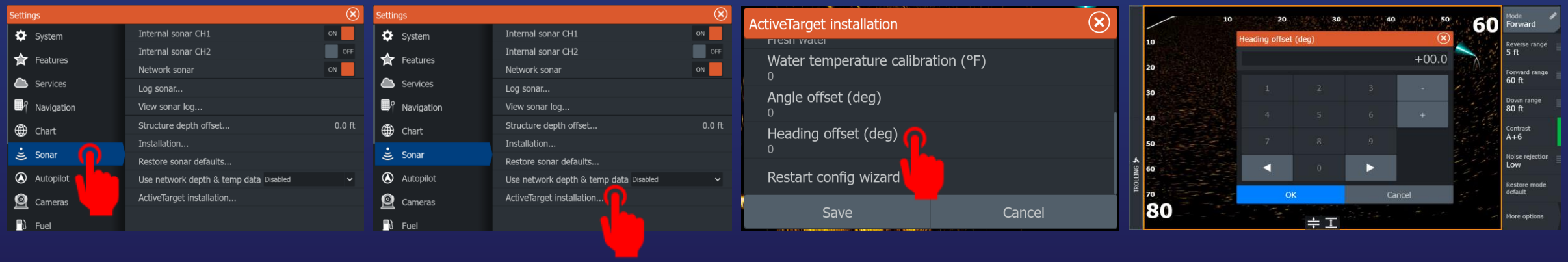
ACTIVETARGET ® BEAM INDICATOR ICON IMPROVEMENTS

The ActiveTarget® beam indicator has been improved to more accurately represent the look direction of the ActiveTarget® transducer. This allows you to accurately locate and cast to your targets. Previously, if there was not an external compass sensor on the network, the indicator used the calculated vessel heading based on COG (course over ground), which resulted in inaccurate or erratic behavior when sitting idle or moving at slow speeds.

An external compass, connected to the multi-function display via the NMEA 2000® network, is recommended for optimal performance. When a compass is on the network, the beam indicator will be shown in reference to the vessel heading. I.e., if the transducer is pointed in the same direction as the vessel heading, the indicator will be pointed towards the top of the screen.

If connected to a standalone multi-function display without an external heading sensor, the beam indicator will be shown in reference to cardinal directions. I.e., if the transducer is pointed North, the indicator will be pointed towards the top of the screen regardless of the vessel heading.

The beam indicator can be further optimized, if required, by applying a Heading offset in the ActiveTarget® installation dialog. The Heading offset is limited to ± 10°.



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ACTIVETARGET ® AUTO RANGING FIX

In previous software versions, ActiveTarget® sometimes “Auto ranged” even when the range was set to a fixed manual value. This was caused by the ActiveTarget® source in the Sonar app being set to “Auto”.

Prior to this new version, the Auto depth range for the ActiveTarget® source in the Sonar and DownScan Imaging™ app needed to be disabled to prevent the occasional auto ranging behavior.

This new software version fixes this bug and ActiveTarget® no longer auto ranges when a fixed manual range is set in the ActiveTarget® app.

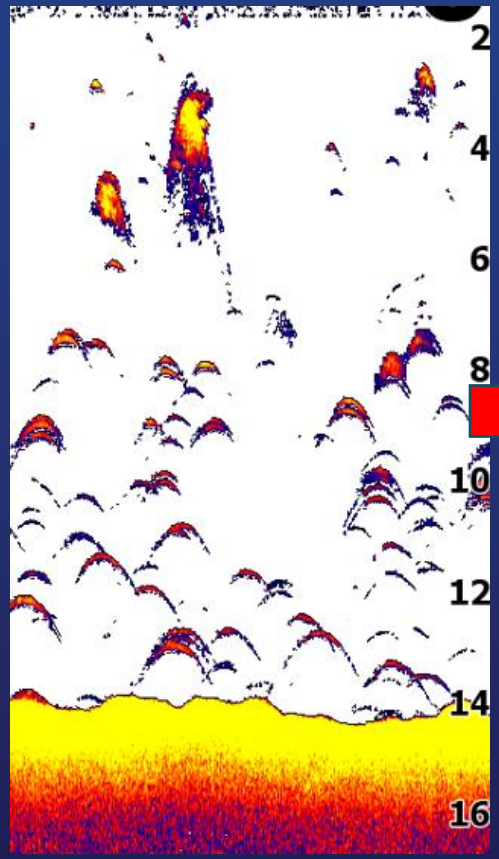
Other Improvements

LOWRANCE®

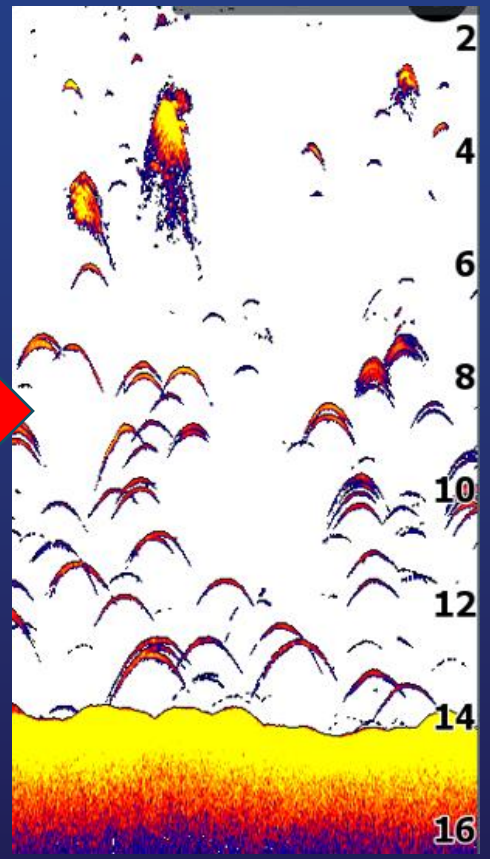
CHIRP IMPROVEMENTS ON SELECT AIRMAR® TRANSDUCERS

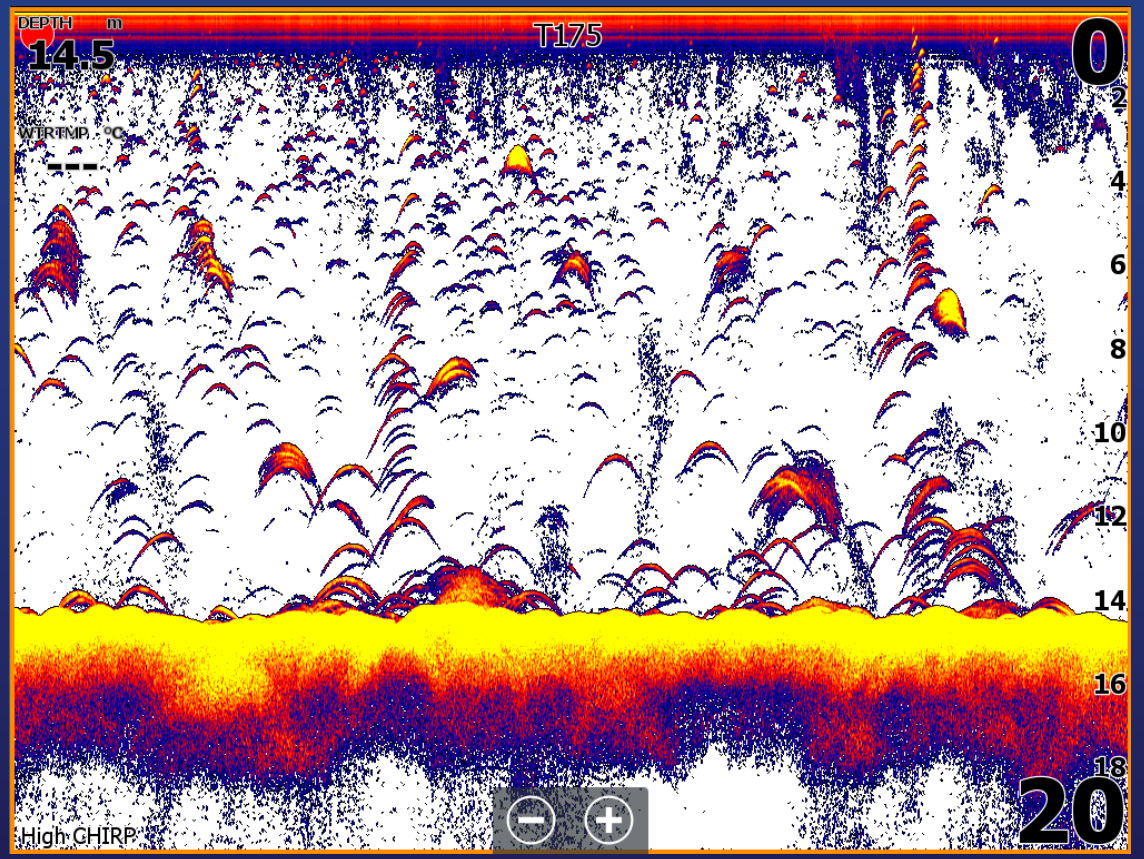
Sensitivity and target return strength improvements when using AIRMAR® High Wide and Medium chirp.

Previous Software



NEW 26.1 Software





LOWRANCE

STRUCTURESCAN® 3D COMPATIBILITY WITH SIMRAD NSX® & NSS® 4

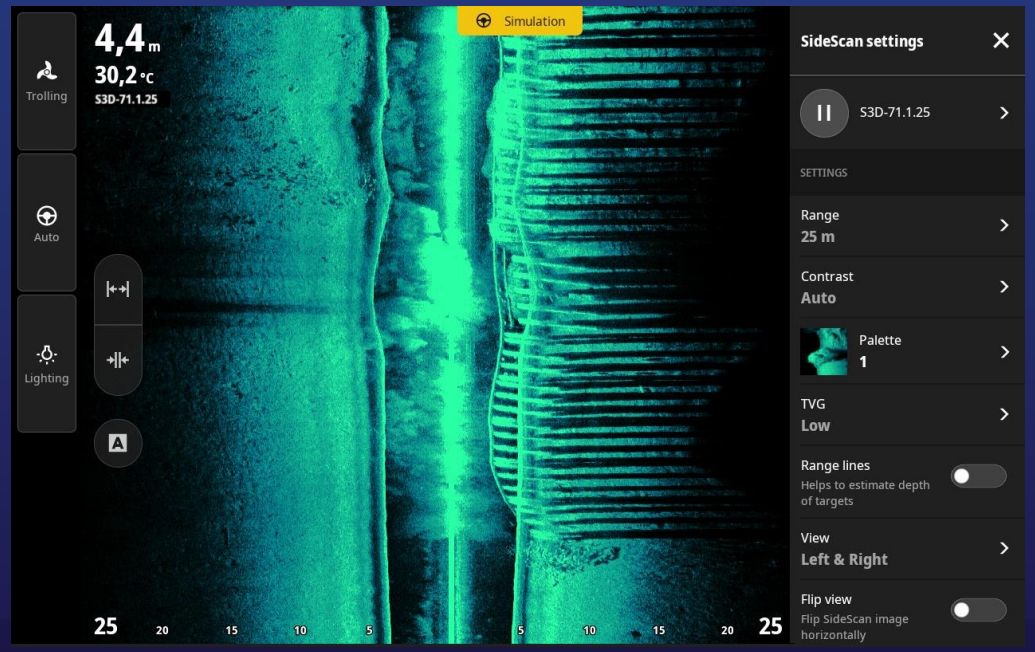
Simrad NSX® and NSS® multi-function displays can now use StructureScan® 3D as a source for DownScan Imaging™ and SideScan imaging only. The 3D functionality is not supported.

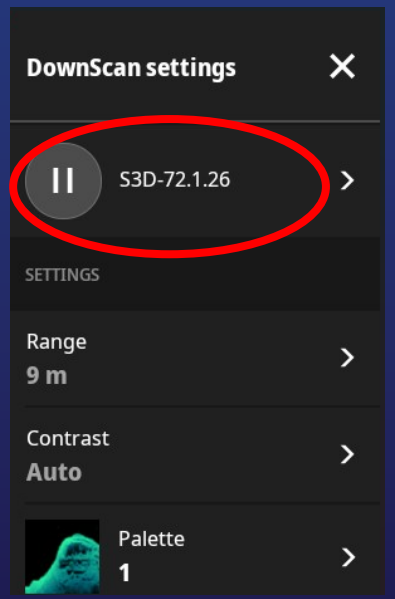
Simrad NSX® and NSS® multi-function displays must be updated to the latest 2.3 software update from earlier this year.

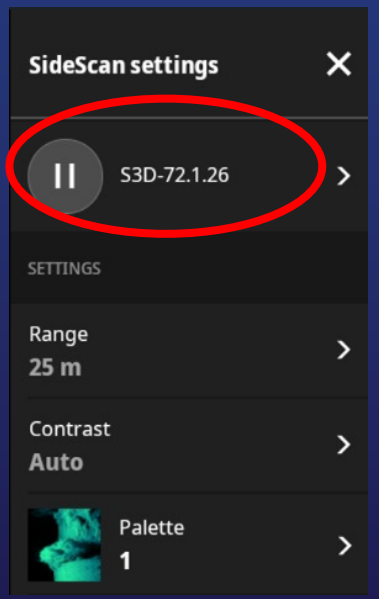
The StructureScan® 3D sonar module must be updated to this new 26.1 software version.

The module MUST be updated from one of the following devices:

- HDS® Gen3, HDS® Carbon, HDS® Live, HDS® Pro
- Elite FS ®
- NSS ® Evo2, NSO® Evo2, NSS® Evo3, NSO® Evo3







LOWRANCE®

DOWNLOAD INFORMATION

The latest software version is available to download from

https://www.lowrance.com/downloads/

How to update software

MFD software files:
EliteFS-26.2-72.1.36-Standard-1.upd
HDS_Carbon-26.2-72.1.36-Standard-1.upd
HDS_Live-26.2-72.1.36-Standard-1.upd
HDS_PRO-26.2-72.1.36-Standard-1.upd

Sonar Module software:
ActiveTarget-26.2-72.1.36-Standard-1.upd
S3100-26.2-72.1.36-Standard-1.upd
S5100-26.2-72.1.36-Standard-1.upd
Sonar_Hub-26.2-72.1.36-Standard-1.upd
StructureScan3D-26.2-72.1.36-Standard-1.upd