HDS Gen2 Touch 2.1.45.144 Overview

• Recommended for all HDS Gen2 Touch displays
  – Non-Touch Models only
  – See Gen2 2.1.45.144 software and release notes for HDS Gen2 Models

• Improvements
  – Enhanced Point-1 performance
  – Improved GoFree networking
  – Improved Page Selection speed

• 2.1.45.144 also includes all features of the previously released 2.0-45.135 software update
New for 2.1.45.144

New features/ improvements
Point-1 Performance

• Improved processing of heading information coming from the Point-1 antenna
  – To achieve maximum benefit, an update to the Point-1 antenna software is also required
  – This software can be downloaded here: {INSERT LINK TO POINT-1 UPDATE PAGE HERE}
GoFree™ networking

• Corrected issue causing unstable performance of network when GoFree™ module is connected
• Allows full sharing of Structure information originating from Gen2 Touch units
Improved Performance

• Improved responsiveness of Page Selection Menu
HDS Gen2 Touch 2.0-45.135 Overview

• Recommended for all HDS Gen2 Touch displays
  - Touch Models only
  - See Gen2 2.0-45.135 software and release notes for HDS Gen2 Models

• New Features
  - Go-Free Wireless support
  - Chart Sharing across the network
  - Faster Internal GPS
  - StructureMap™ HD
  - Built-in PDF Viewer
  - Navionics Enhancement
    • Contour Shading
    • Shallow Water Shading
    • Dynamic Tides & Currents
    • Easy-View and More!
GoFree™ Wireless

• A WIFI-1 module will allow screen mirroring through the Lowrance app
• Connect your wireless device to the GoFree™ network.
• Open your Lowrance app and select the HDS you wish to view

GoFree is not compatible with HDS Gen1. A Gen1 on the same ethernet network will cause the network to not function properly.
Chart Sharing

- Chart sharing allows a compatible chart card placed in one HDS display to be viewed on every other HDS display on the same ethernet network.
- Works with Insight, Navionics, Jeppesen and other 3rd party chart providers
- Works only on Gen2 or Gen2 Touch units with 2.0 (or later) software installed
- NOTE: Cartography downloaded from the Insight Store (Insight Genesis, downloaded Insight cards, etc.) are registered to a specific device Content ID and will not share across the network.

When a chart card is inserted into a networked display, this message may appear on all displays on the network (if required to view that chart card)
5Hz update rate internal GPS antenna

- The HDS Gen2 internal GPS antenna now updates at a rate of 5Hz (5 times per second)
• StructureMaps™ can now be converted and saved in Hi-Resolution.

• When viewed in Saved mode, they retain original resolution and clarity.

• Conversion times will be slightly longer and the StructureMap file size will be larger than non-Hi Resolution StructureMaps.

• StructureMap™ HD logs can be saved and viewed by selecting ‘High Resolution’ on the convert dialog.
PDF Viewer

- HDS Gen2 Touch can now display PDFs.
  - HDS units shipped from the factory will have the owner’s manual pre-downloaded onto the HDS.

PDFs are fully searchable and users can jump to specific pages.

Navigation can be done by pressing the Page Up and Down Keys.
Navionics Improvements

- Navionics viewing options
  - Rock Filter: Show only rocks above a certain depth
  - Easy View: Enlarge on-chart icons
  - Dynamic Tides and Currents: Dynamic icons
  - Contour Shading: Highlight a defined depth region
  - Shallow Water Highlight: Highlight shallow water
Navionics Easy View

- When enabled, this feature increases the size of the cartography on screen, as though the user were using a magnifying glass.
  - This feature is controlled with a simple on/off toggle—Easy view is found under View in the Chart Options menu.

Easy View turned off

Easy View turned on
Dynamic tides and Currents

• The dynamic tides & currents feature replaces the standard Navionics tide/current icons with larger, animated icons that show the tide levels and the current strengths and directions.
  – This feature is controlled with a simple on/off toggle - Dynamic Tides & Currents is found under View in the Chart Options menu

Turned off

Turned on
Navionics has introduced a feature that allows users to hide rock POIs beneath a given depth. This is intended to help users declutter charts in areas where there are many rocks located at depths well below their vessel draught.

- The feature is a slider bar, found under Chart Options—Settings, that allows the user to choose a depth below which rocks will be filtered.

All rocks enabled

Rocks below 5m disabled
Depth Contour Shading

- This allows the user to specifically highlight a specific range of depths for fishing purposes. The range will only be as accurate as the underlying chart data, meaning that if the chart only contains 5 meter intervals for contour lines, the shading will round to the nearest available contour line.

  - This feature is controlled with two adjustment bars, found under Chart Options– View. A Max depth must be chosen first.

No highlighting enabled
Contours highlighted between 6-12m
Shallow Water Highlight

• This feature allows the user to highlight areas of water between 0 feet and the selected depth (up to 30 feet).
  – This feature will be implemented with a slider bar, allowing the user to select a depth between 0 and 30 feet. This option is under Chart Options—View

No Shallow Water Highlight

Depths between 0-3 meters
• Networking
  • Networking StructureScan from a Gen2 Touch unit is now independent from Sonar networking
  • Networking StructureScan from a Gen2 Touch unit at the helm to a unit on the bow is now allowed when Sonar networking is disabled or enabled.

• 3 Panel Split bug Fix
  • HDS Gen2 Touch 1.0 had a known issue where powering down in a 3 panel vertical split would cause a lock-up. This has been resolved.

• Sonar Improvement
  • The issue where the Sonar and StructureScan would lock up and require a reboot has been resolved.