

HDS 4.0

Feature Enhancement Summary

- Performance
- Ease of Use
- Sonar
- Navionics
- Misc Fixes

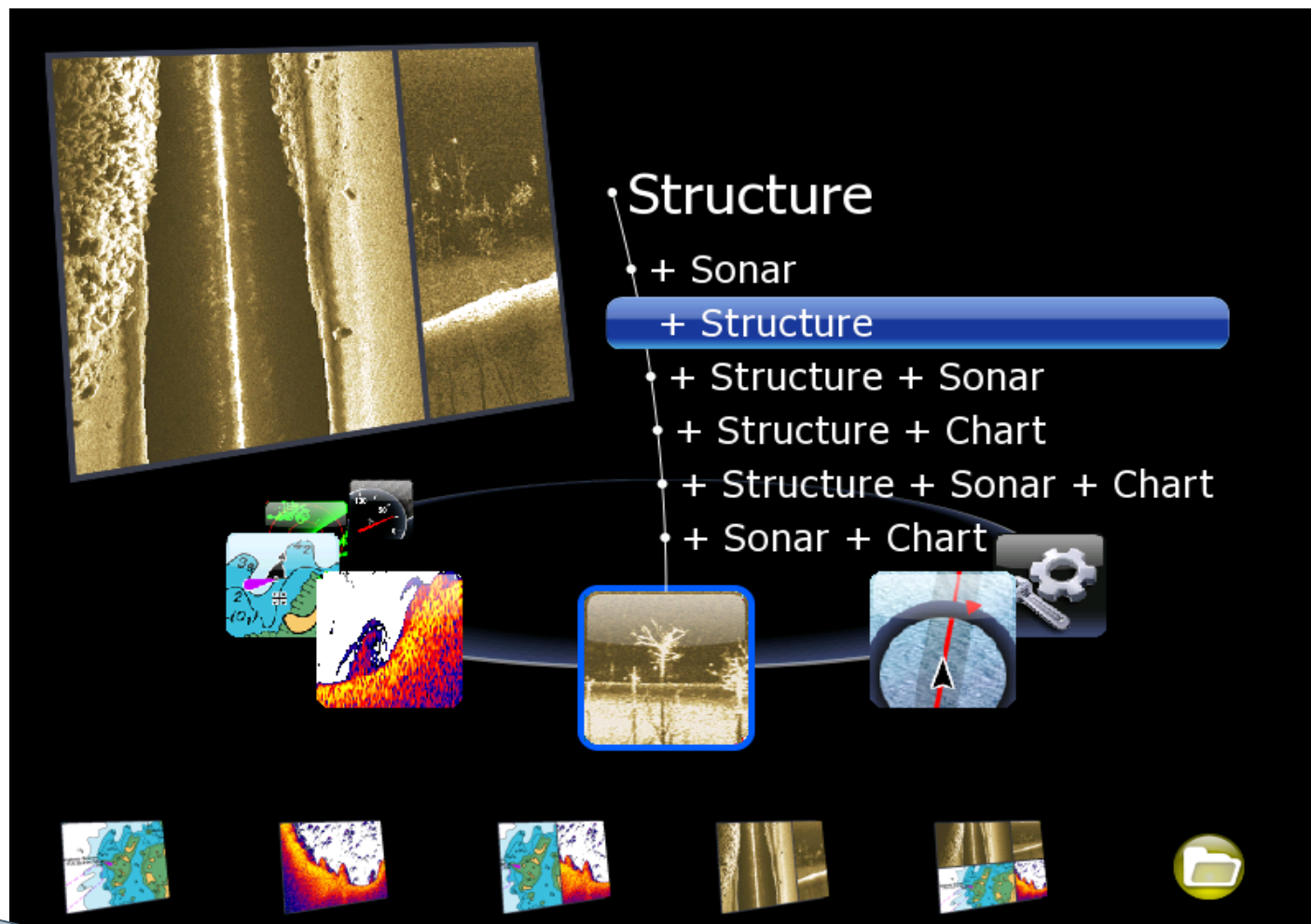
LAUNCH APRIL 2011

HDS 4.0 Provides User Noticeable Performance Improvements

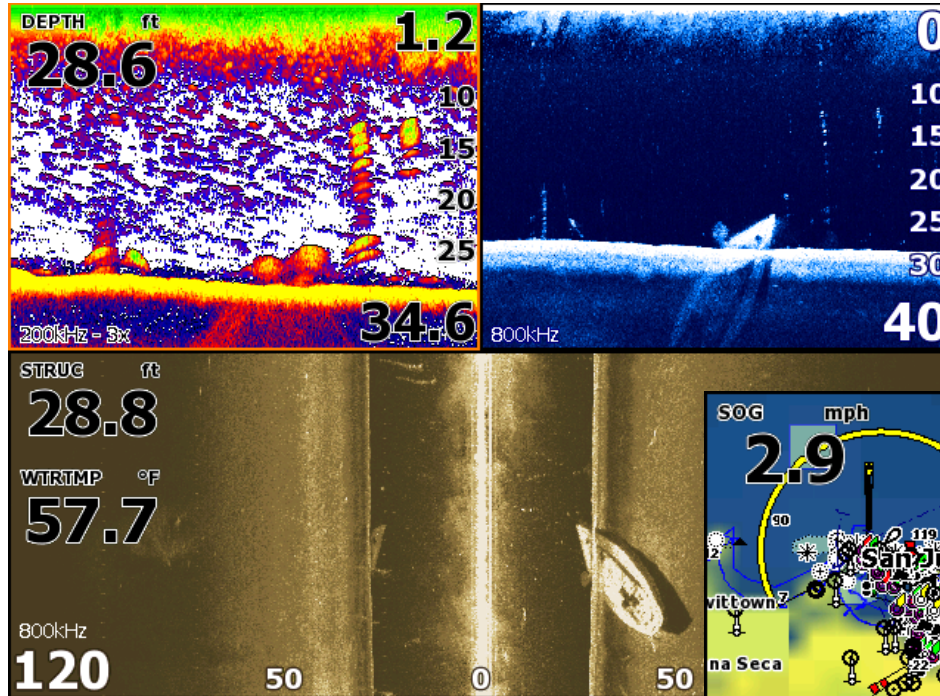
- Faster boot time
- Improved key response
- Charting speed improvements
 - Insight *and* Navionics
 - Redraw
 - Panning
 - Zooming
 - Rotating
- System Stability and “Freeze” Prevention



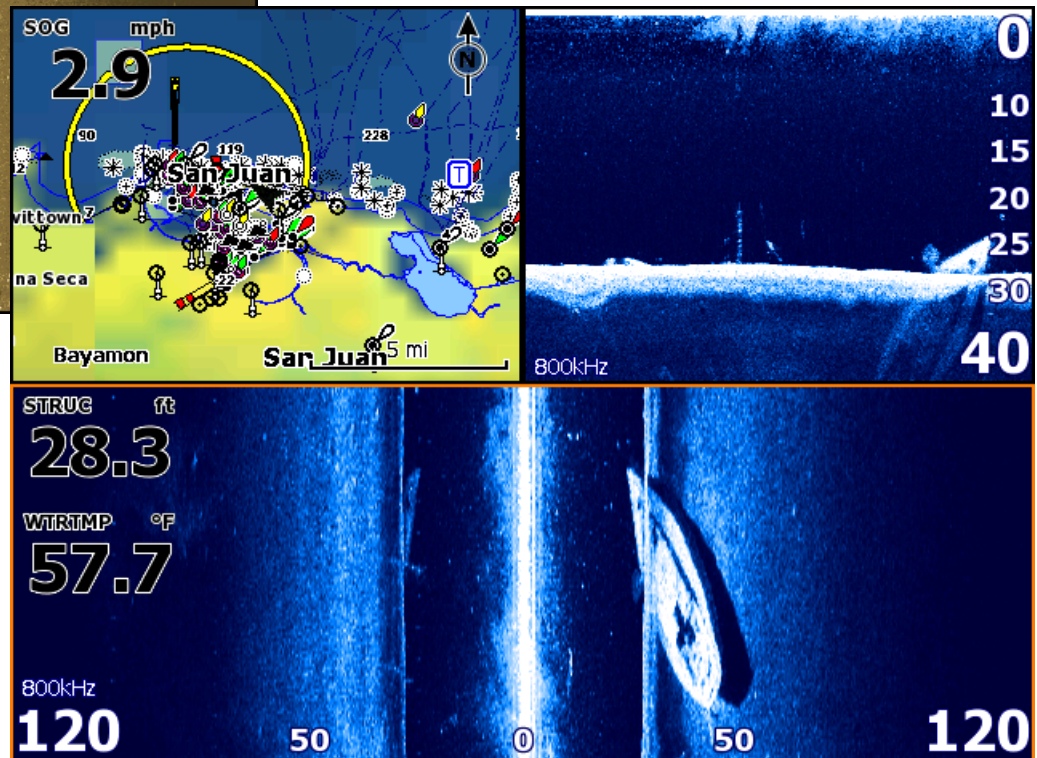
Ease of Use: Quick Access Keys HDS-8 and HDS-10



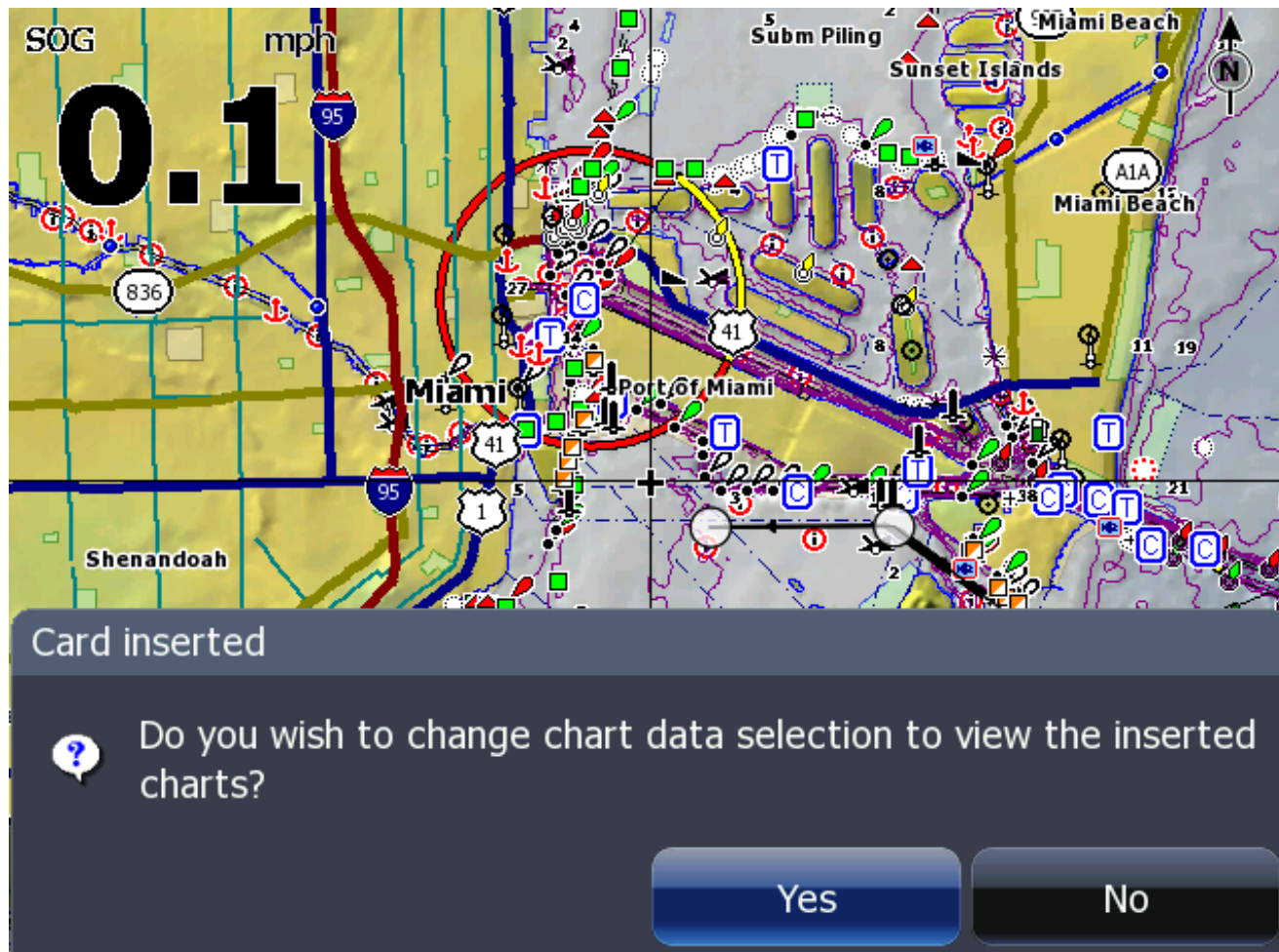
Ease of Use: 3 Panel Structure Options on 5" and 7"



5" and 7" units now include new selections to allow display of chart or traditional sonar with down scan and side scan images.



Ease of Use: Chart selection with card insertion



When chart card is inserted, HDS will review current chart mode and ask user to switch if required to view the chart

Ease of Use: Setup Wizard

Upon initial start or reset, the wizard asks user a series of questions to optimize performance of the unit

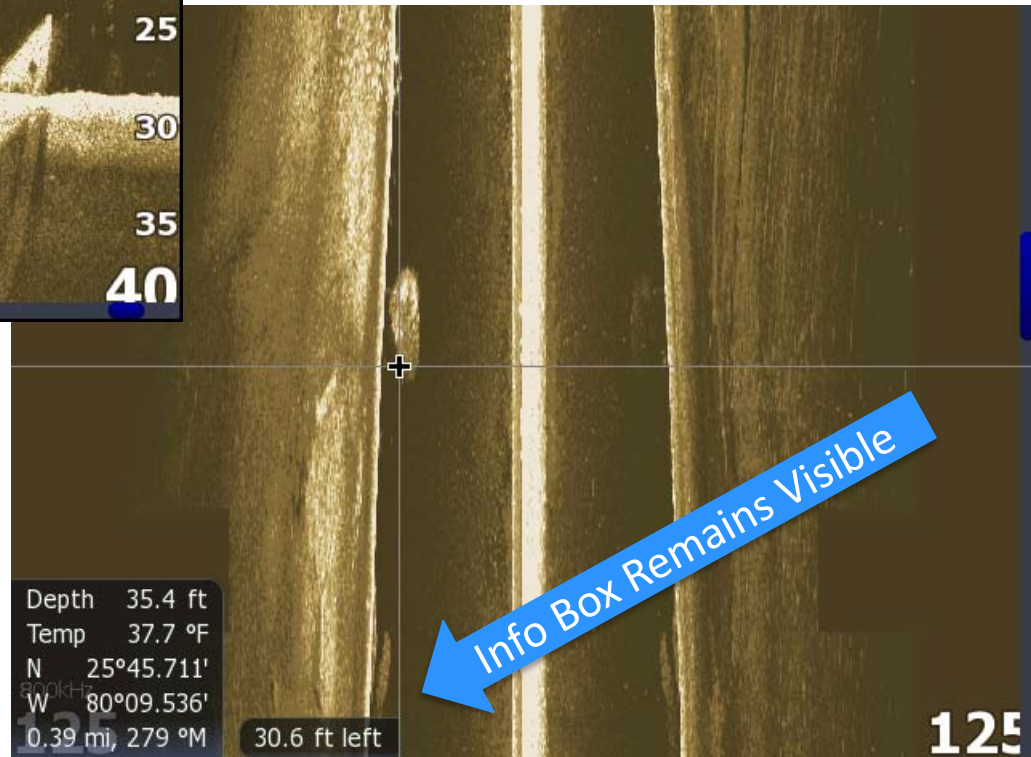


Ease of Use: Icon mode with StructureScan

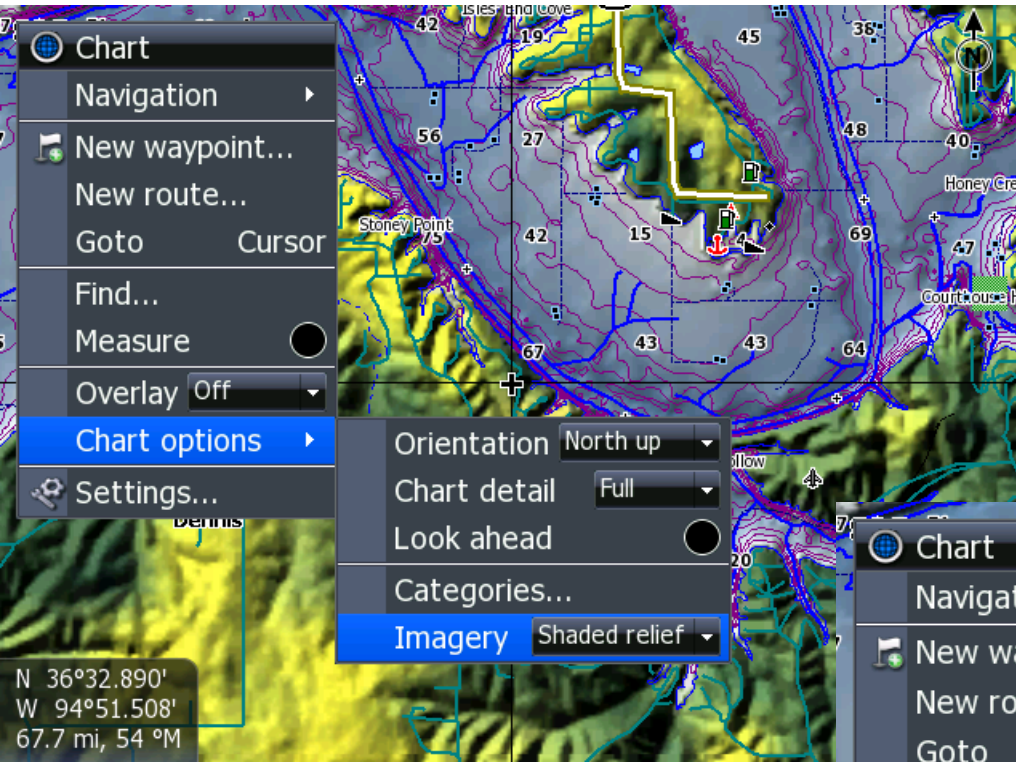


Setting waypoints on a Structure screen brings up icon mode to allow user to quickly select appropriate icon

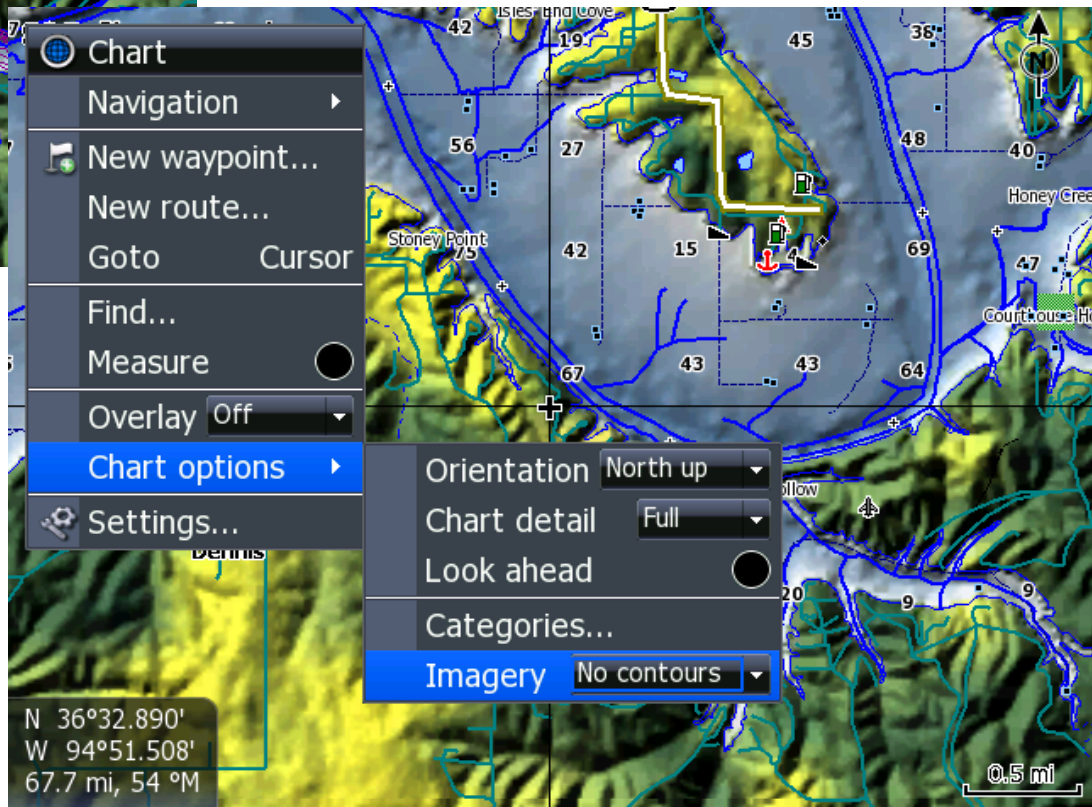
Info box is no longer obscured when cursor mode is activated and user is tracking back on left hand side



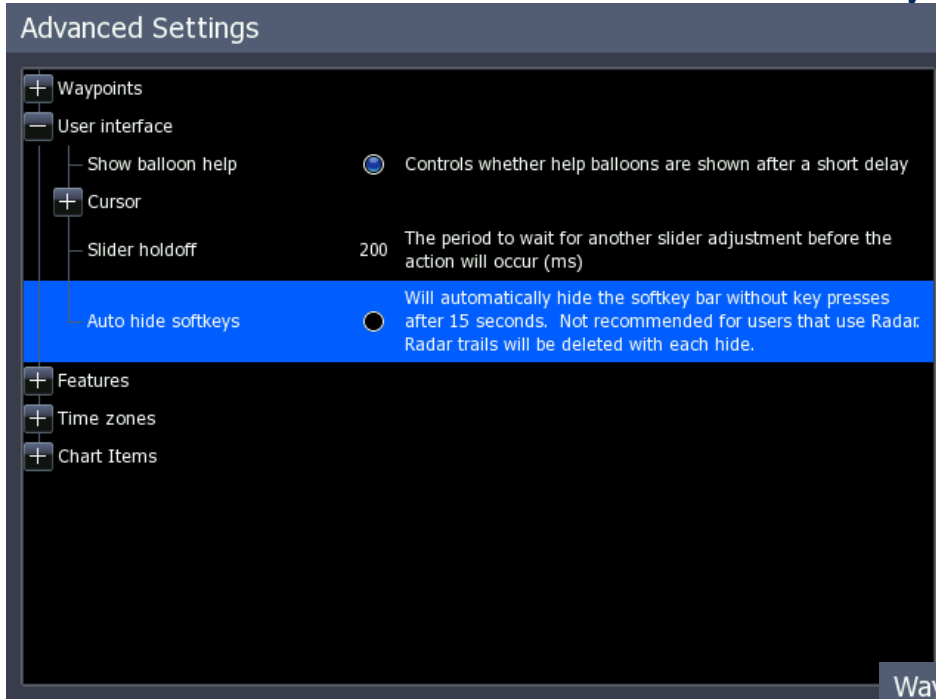
Ease of Use: Shaded Relief Enhancement



View shaded relief without the contour lines with just a toggle (8" and 10" units) or via dedicated selection (5" and 7" units). Provides clear indication of critical drop offs without obscuring the screen.



Ease of Use: Auto-hide/Delete all by Symbol

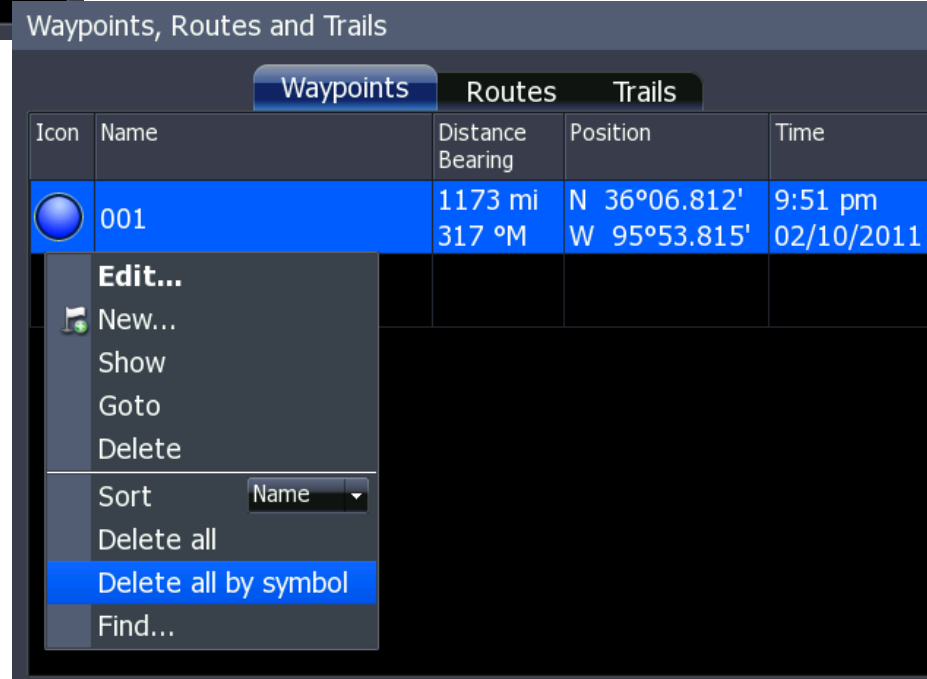


To hide keys at bottom of 8" and 10" units:

- 1X Press and hold the exit key
- or
- Activate Auto-hide to hide them after 15 seconds of inactivity

Keys will return upon press of soft key button

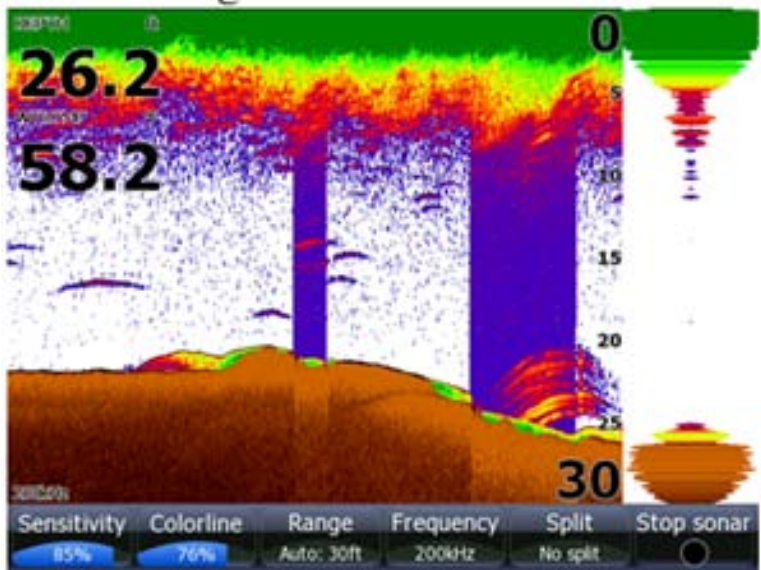
Allow user to delete all icons by symbol



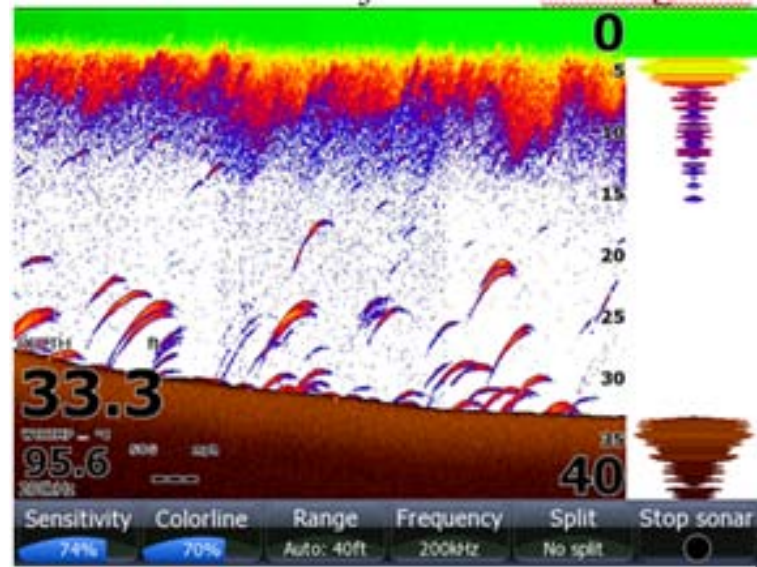
Sonar Improvements

- Multiple improvements in sonar processing resulting in better overall sonar performance including:
 - Less interference from trolling motors
 - Improved noise rejection overall
 - Faster high speed run recovery
 - Improved depth auto ranging in shallow water
- Improvements are embedded
 - No adjustments required by user to gain benefits

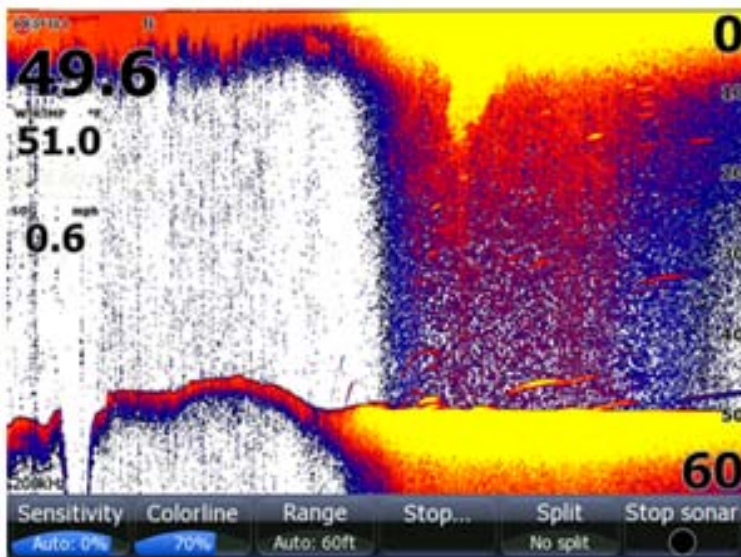
Sonar Improvements



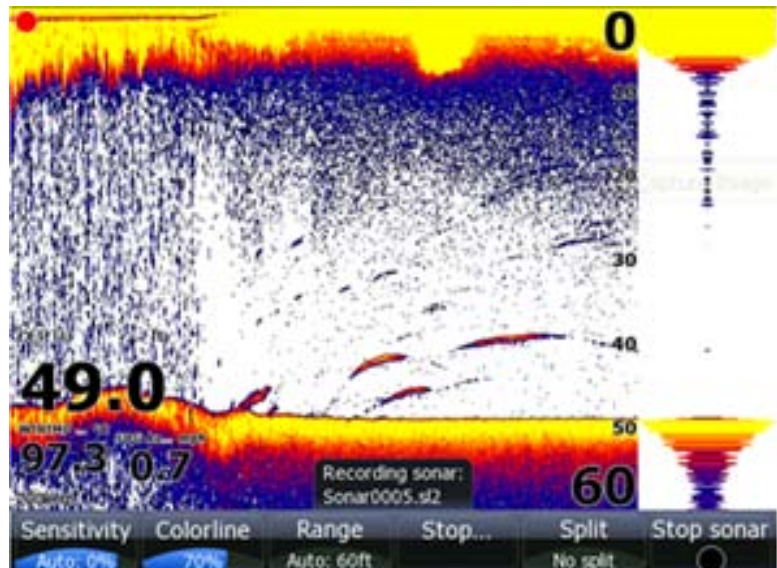
Trolling Interference Before



Trolling Interference After



High Speed Recover Before



High Speed Recover After

Other Fixes and Improvements

Select Structure Transducer (LSS-1) as active temp source

Duplicate waypoints at same Lat/Long are no longer imported

Waypoints transfer between networked HDS and LCX/LMS units

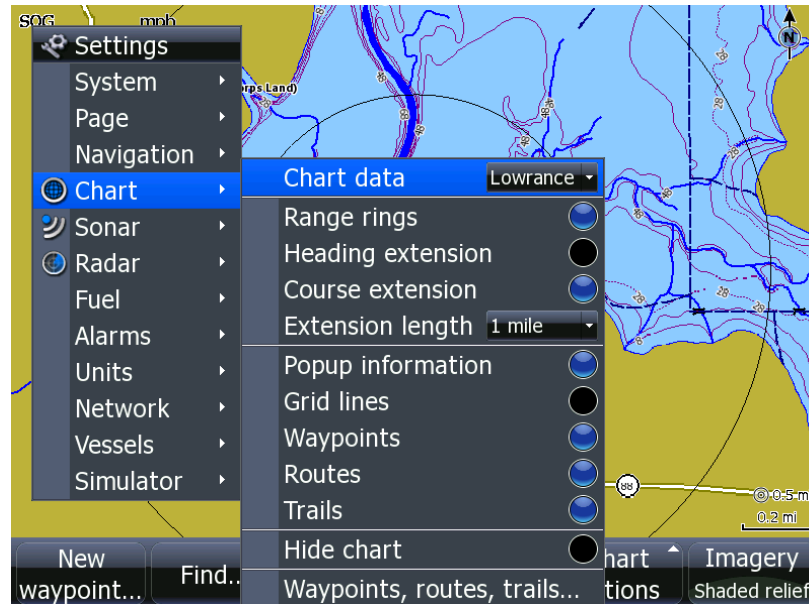
Phantom LORAN correction has been improved

Route navigation start from any Route point

Airmar R199 transducer selection added

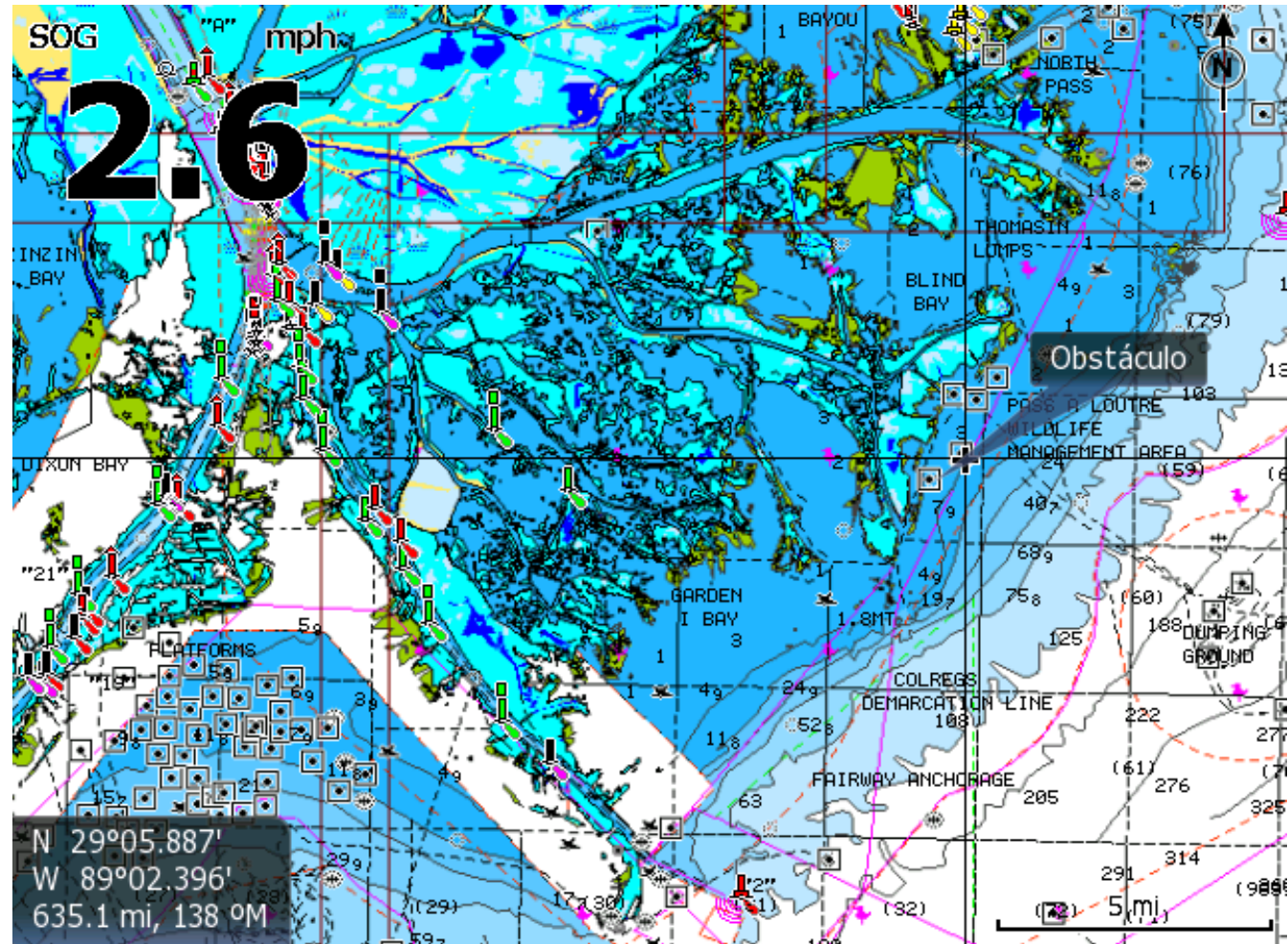
NEW!- Course extension

Note: Course extension and heading extension will display as same extension line unless compass is connected

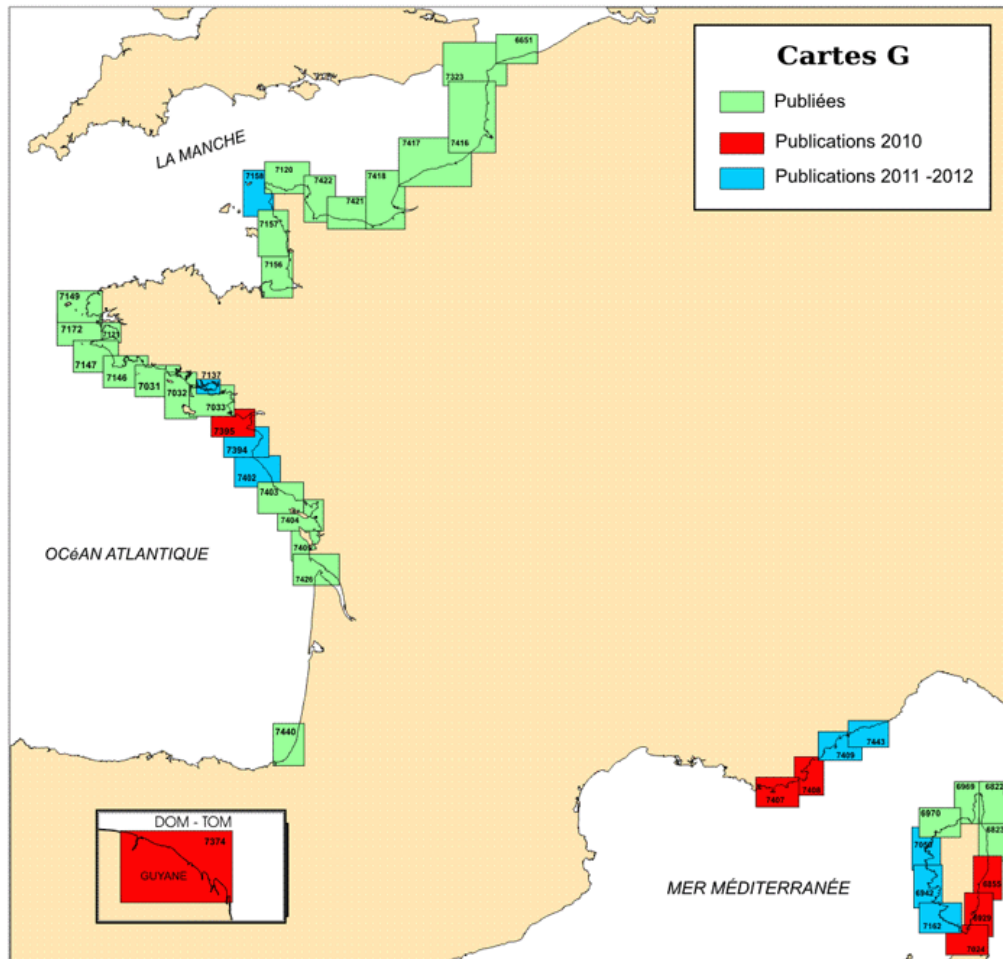


Language support in Navionics

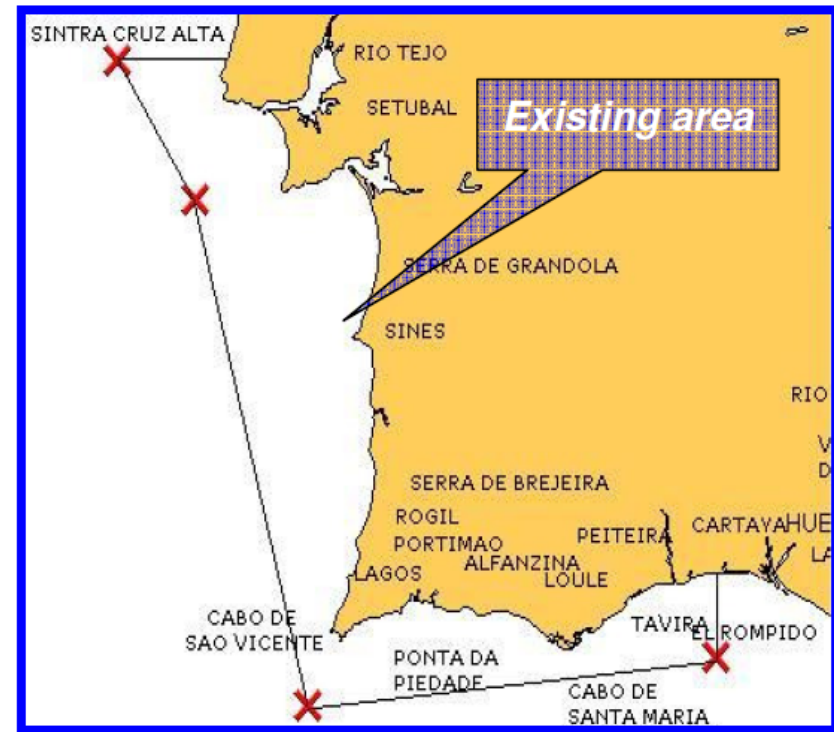
- Language change in HDS provides translated cartographic object descriptions
- English, French, Spanish, German, Italian, Danish, Portuguese, Dutch, Norwegian, Finnish, Swedish



Navionics Seabed Coverage Area's



Current Seabed Coverage
26P+,31P+, 32P+



Navionics Seabed support

