SIMRAD

Go With Confidence

18.2 Software update (NOS 60)

Release notes

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Go With Confidence

Simrad Multifunction Display Software Update 18.2

Software versions and file names

Model	Ver	Filename
GO7	--.--	No updates available for this product
GO5 XSE	18.2 :	GO5_XSE-18.2-60.1.124-Standard-1.upd
GO7 XSE	18.2 :	GO7_XSE-18.2-60.1.124-Standard-1.upd
GO9 XSE	18.2 :	GO9_XSE-18.2-60.1.124-Standard-1.upd
GO7 XSR & GO12 XSE	18.2 :	GO7_XSR_GO12_XSE-18.2-60.1.124-Standard-1.upd
NSS evo2	18.2 :	NSS_evo2-18.2-60.1.124-Standard-1.upd
NSO evo2	18.2 :	NSO_evo3-18.2-60.1.124-Standard-1.upd
NSS evo3	18.2 :	NSS_evo3-18.2-60.1.1124-Standard-1.upd
NSO evo3	18.2 :	NSS_evo3-18.2-60.1.124-Standard-1.upd

NSO EVO3
NSS EVO3
NSS EVO2
NSO EVO2
GO12 XSE
GO9 XSE
GO7 XSR
GO7 XSE
GO5 XSE

August 2018

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New feature overview

New feature description	NSO evo3	NSS evo3	NSO evo2	NSS evo 2	GO12 XSE	GO9 XSE	GO7 XSR	GO7 XSE	GO5 XSE	S5100	S2009 S2016
New software version naming system	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Color Marker and Color Erase	✓	✓	✓	✓							✓
Minute Markers	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Bluetooth Phone Notifications**	**	✓			✓	✓	✓	✓	✓		
Online purchase of charts and features from MFD	✓	✓	✓*	✓*	✓	✓	✓	✓	✓		
Improved Simulator	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Evinrude engine integration	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Yamaha integration Improvements	✓	✓	✓	✓	✓	✓	✓	✓	✓		

* Display requires internet access from an external WIFI-1
** Feature will be in version 18.3 for this product

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New Software Naming Convention

Simplified software version numbers

This feature is on these products

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New Software Naming Convention 18.2

Previously, software versions have been device specific e.g. a GO7 could be have a version number of 4.0 while a NSO evo2 could have a version number of 7.0, even though the software has the same features.

This causes confusion as to what products have what features.

From now on, software from the same feature stream will have the same version number, irrespective of model.

The new version number is made of the year and the sequential release number in that year. In this case for this version, **18.2** means that it is the second release for 2018.

Update file names will have the new Version number

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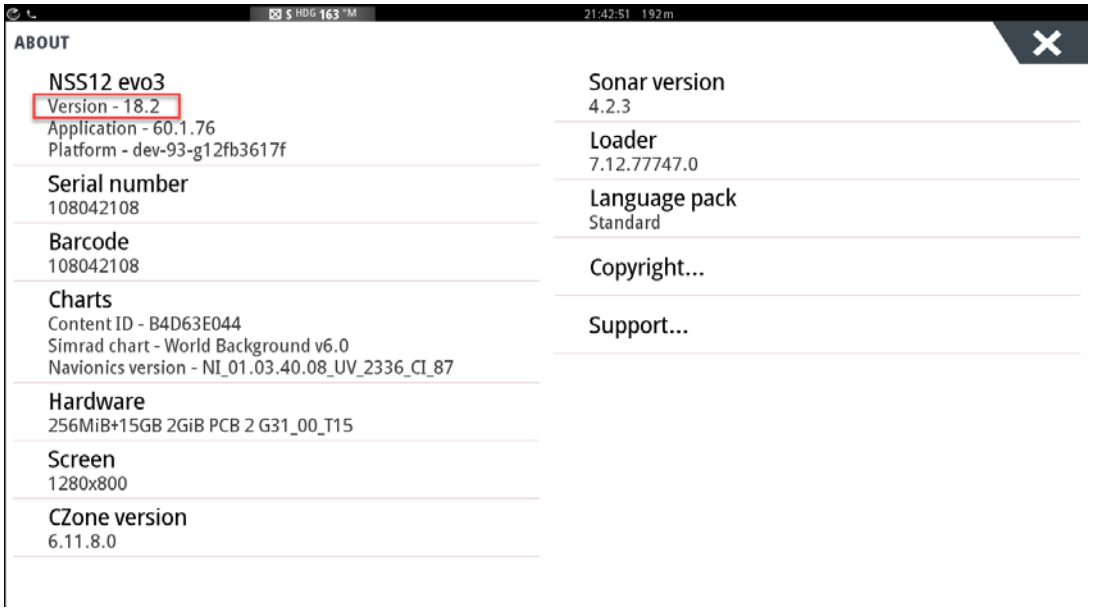
New Software Naming Convention 18.2

- The new version number will be displayed on the About screen.
  HOME>SETTINGS>SYSTEM>ABOUT



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Color Marker & Color Erase

Two new Echo sounder features

This feature is on these products

NSO EVO3
NSS EVO3
NSS EVO2
NSO EVO2

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Color Marker & Color Erase

There are two new echo sounder features. Color Marker and Color Erase.

Color Marker:

Allows the user to change selected colors that appear on the echo sounder and change to a color of their choice

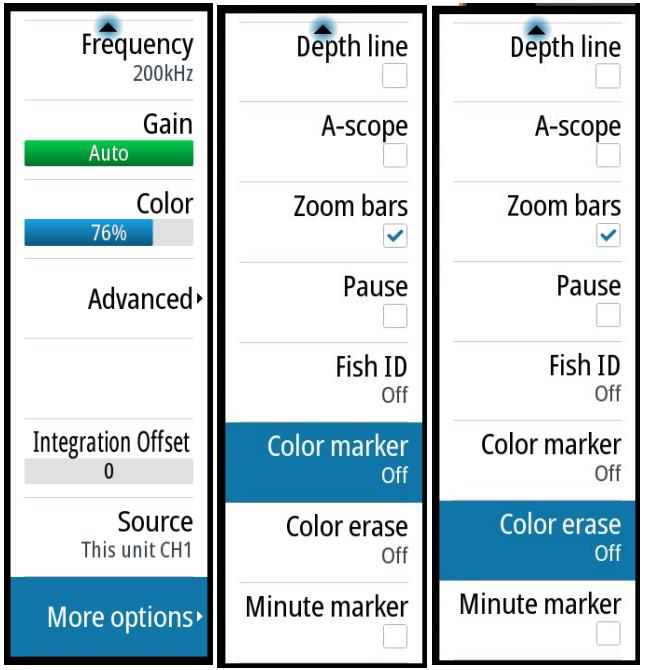
Color Erase:

Allows the user to remove unwanted colors from the echo sounder

The new features are accessed under Menu>More Options

Note: Only the colors above the sea floor are changed in the image.

Note: Use carefully, some color changes can hide obstructions and other objects.



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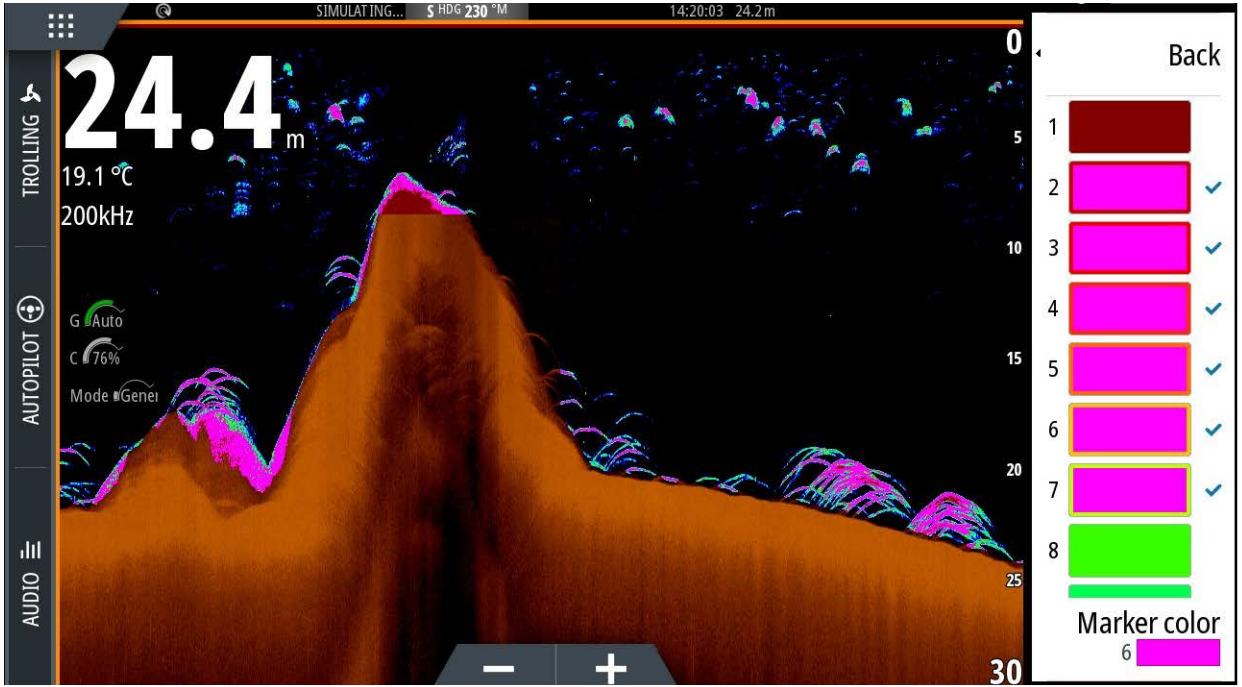
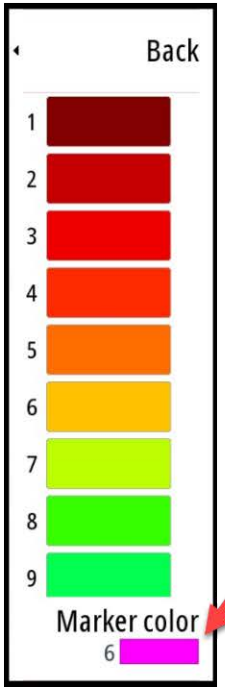
Color Marker

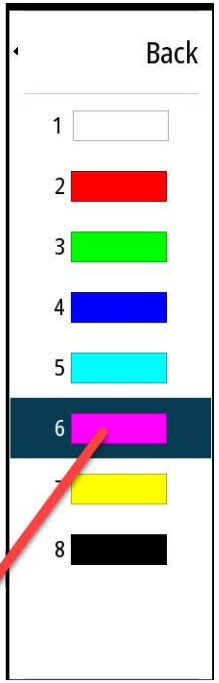
Select the colors to “Mark” (unselect to remove color marker)



Colors selected are replaced my the chosen Marker color



Choose the Marker color



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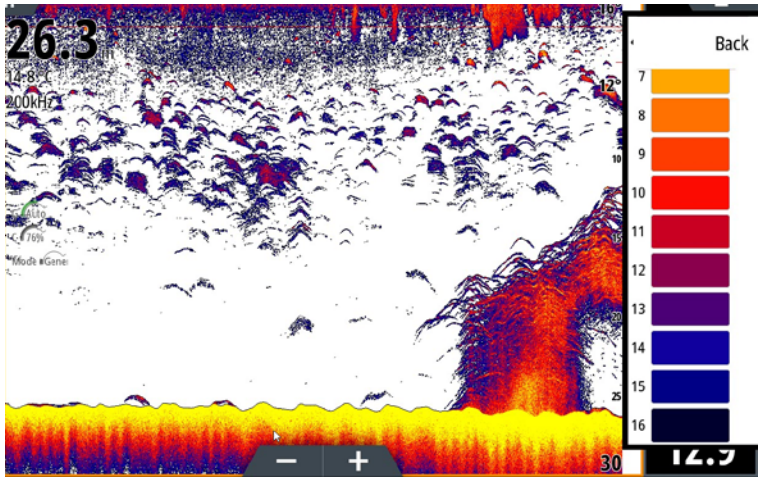
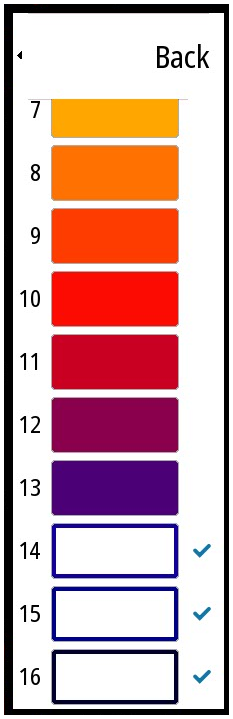
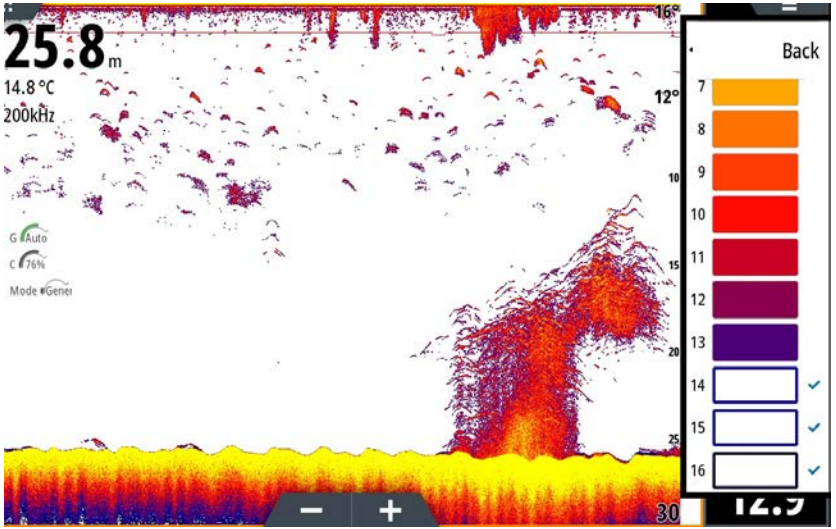
Color Erase

Select one or more colors you want to erase. The color selected will change to white in the menu. The color selected will be removed from the image and the palette background color shown instead.







Use Color Erase & Color Marker together

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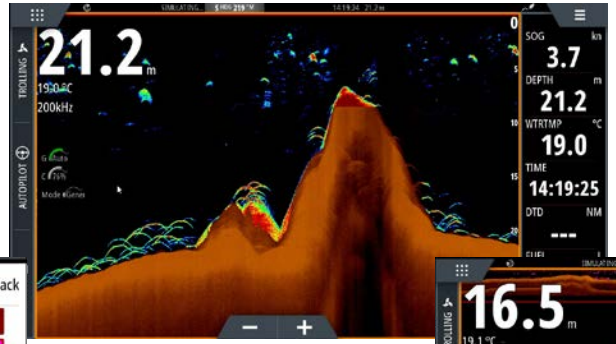
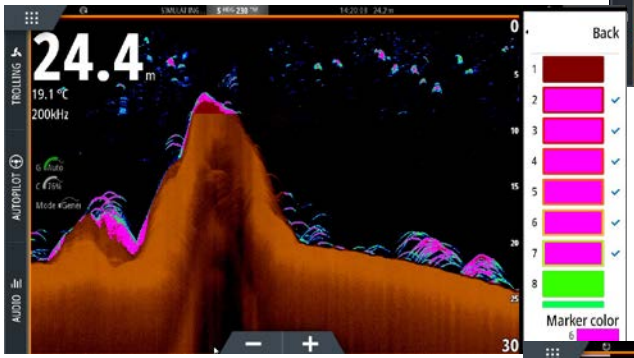
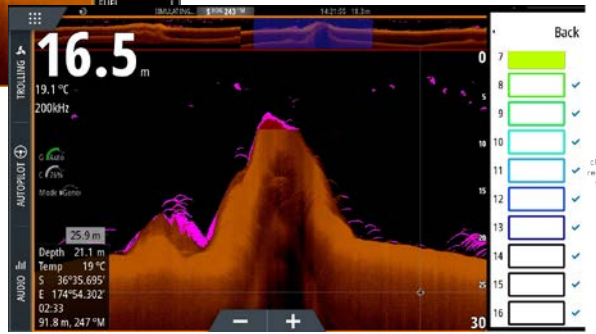
Using both features together is a powerful tool to focus on the desired returns



Color Marker



Color Erase



Sonar with both Color Marker and Color Erase active: Note the menu items showing as active

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Minute Markers

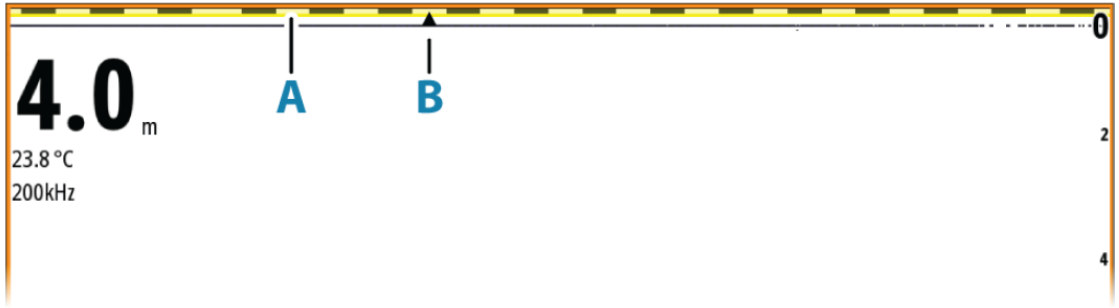
This feature is on these products

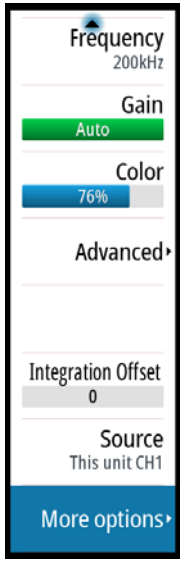
© Navico

Minute Markers

Minute marker appears at the top of the echo sounder. Minute Marker is a strip of alternating dashes that represent time. Each black and each white stripe (A) in the line represents 1 minute. If there is a discontinuity in the signal such as the echo sounder is paused, this is indicated with a triangle **(B)**

To show or hide, Select Minute marker from the Echo menu > More options





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Bluetooth Phone Notifications

Pair your phone with your MFD via Bluetoth to display text messages

This feature is on these products

NSS EVO3

GO12 XSE

GO9 XSE

GO7 XSR

GO7 XSE

GO5 XSE

Note: NSO evo3 will get this feature in 18.3 later in the year

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Bluetooth Phone Notifications on MFD

Compatible MFDs ** that have built in Bluetooth can now pair with a mobile phone and allow incoming text messages and caller id to be displayed on the MFD.

Depending on the type of phone, other functions are also available

Functions available	Android	iPhone
Display an incoming text message on the MFD	✓	✓
Reply or create a new message and send the message from the MFD	✓	☒
Create message templates on the MFD	✓	☒
See historical messages	✓	☒
See phone call log	✓	✓

**Not available for NSO evo3 in this release. It will be available in future releases

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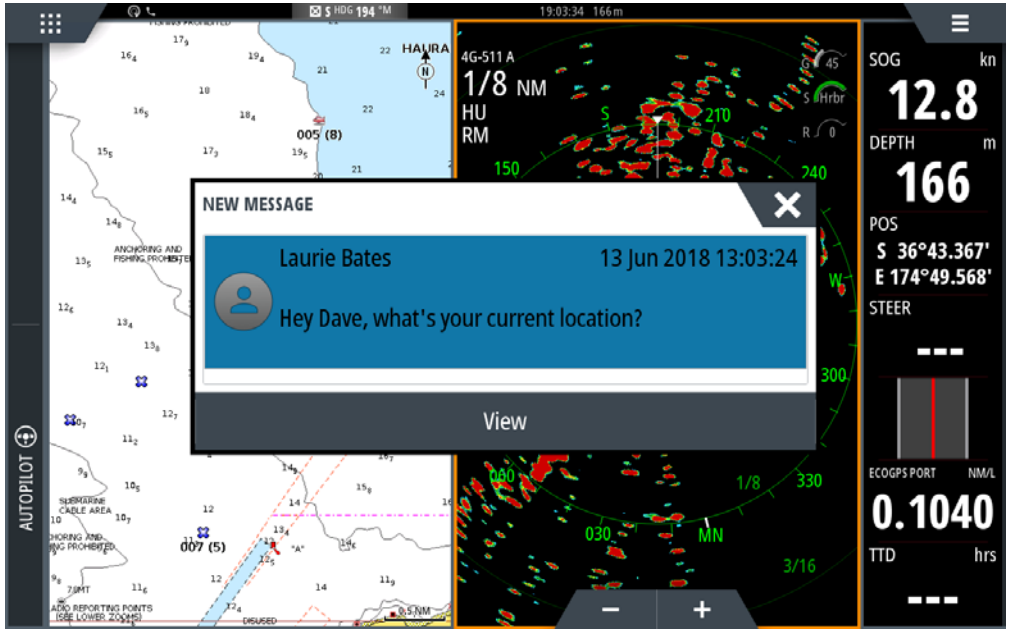
Bluetooth Phone Notifications on MFD

Compatible MFDs that have built in Bluetooth can now pair with a mobile phone and allow text incoming messages to be displayed on the MFD.



iPhone

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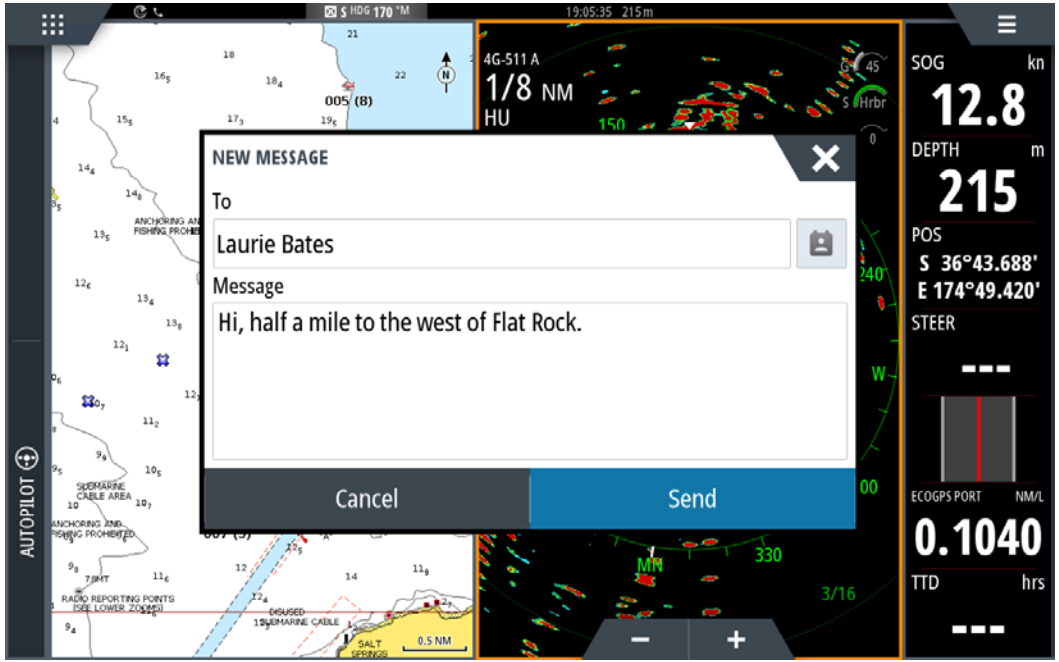
Bluetooth Phone Notifications on MFD

*Reply or create new text messages and send from the MDF



*Not available with iOS

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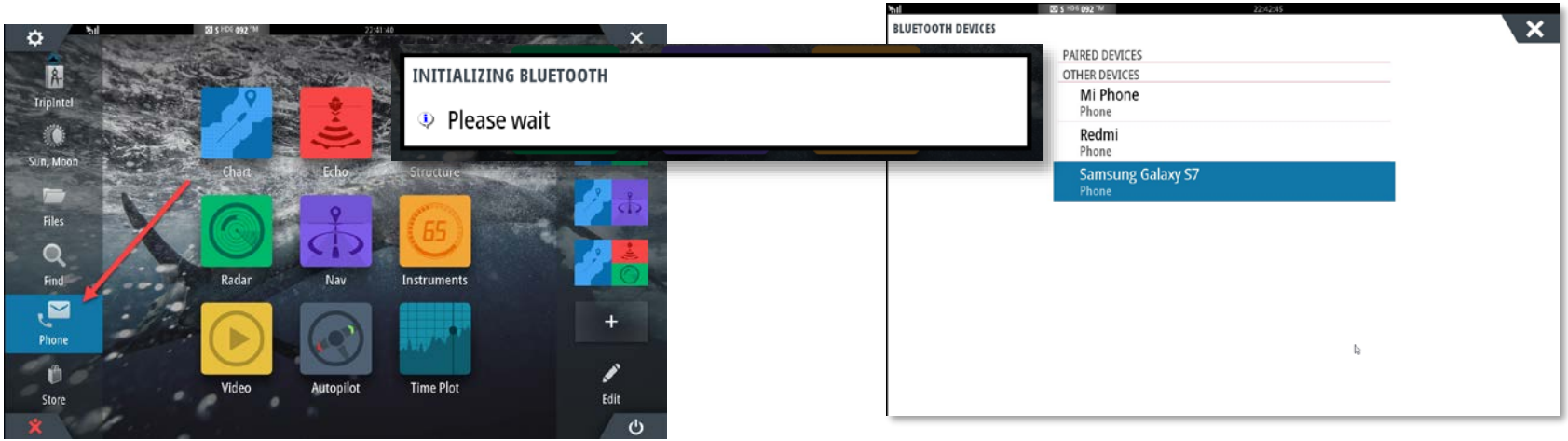
Bluetooth: Setup

Connect the phone to the MFD via Bluetooth

1. Enable Bluetooth on your compatible MFD under Settings > Wireless > Bluetooth
2. Enable Bluetooth on your phone and set to scan for new devices
3. Select the new phone icon on the home page. (Wait for Bluetooth to initialize)
4. Select your phone from the list of detected devices



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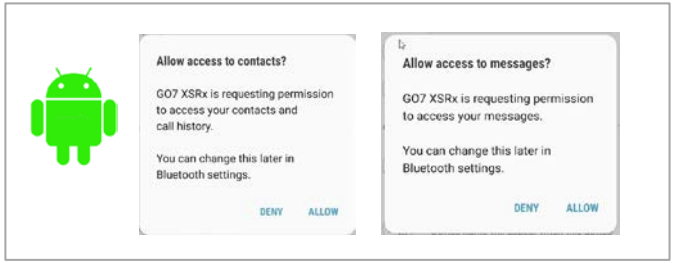
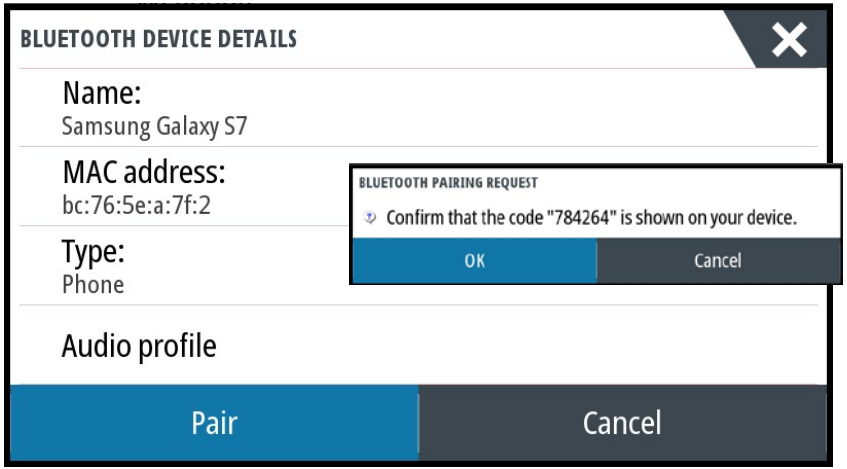
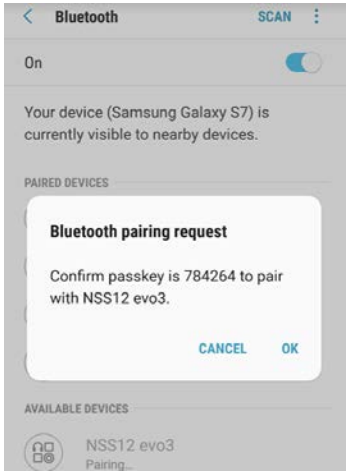
Bluetooth: Setup

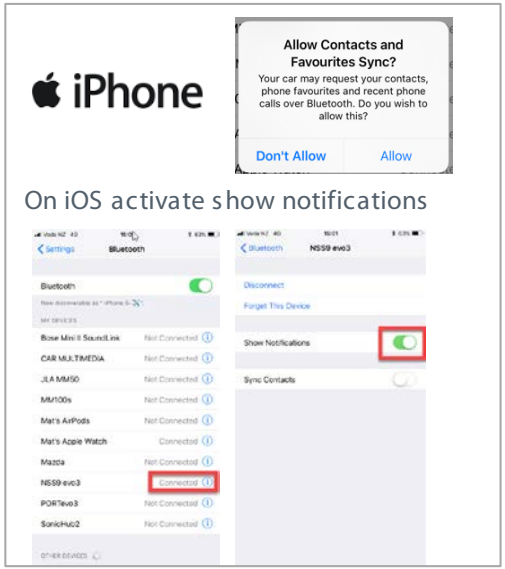
- Select Pair
- A Bluetooth pairing request will be displayed on the phone and MFD. Select OK on both

Allow access as desired





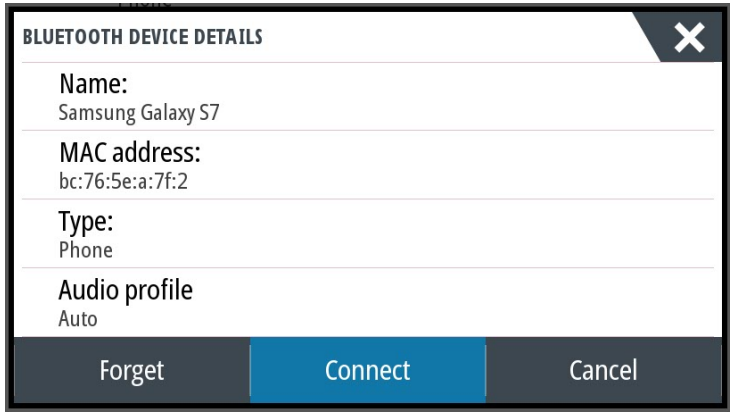


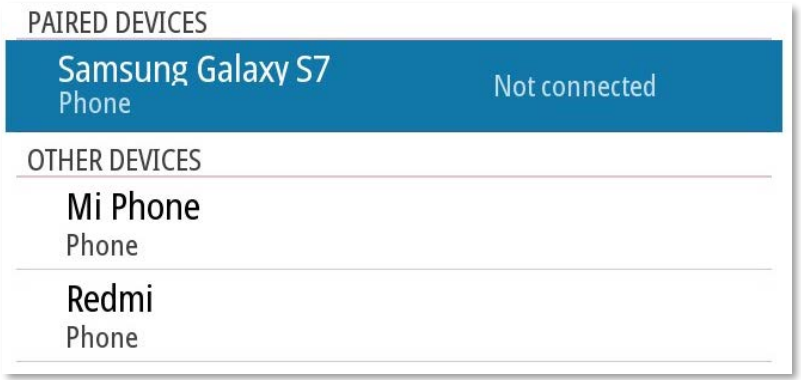


© Navico

Bluetooth: Setup

- Select your phone from the list of Paired devices
- Select Connect. Once connected a telephone icon will be visible in the status bar
- MFD is ready to use the text features
- Note: MFD will not automatically connect after a power cycle





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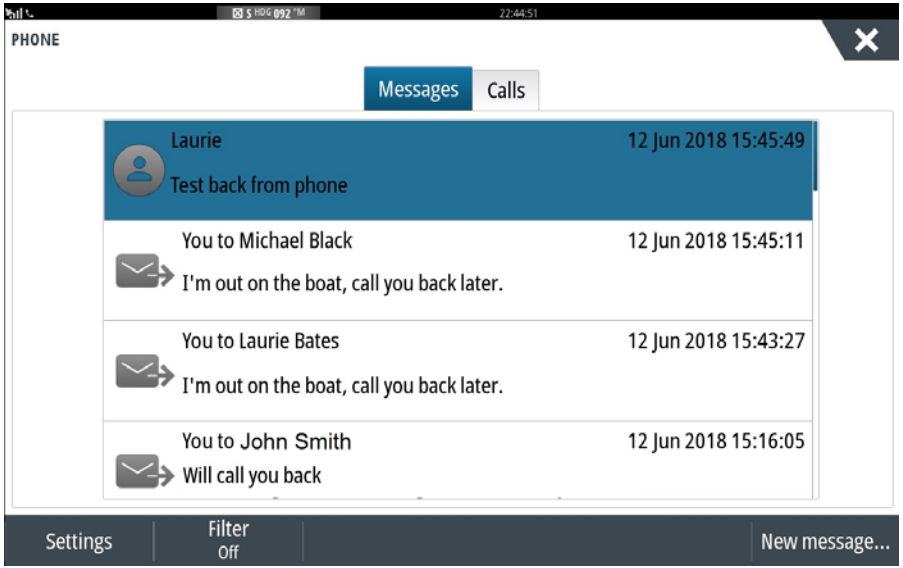
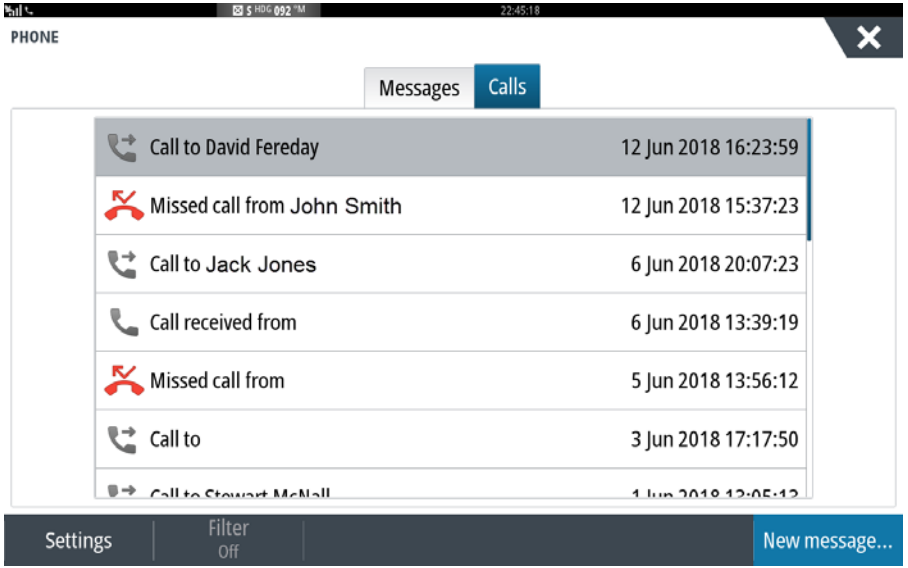
Bluetooth Phone Notifications on MFD

MFD will display historical list of recent text messages and phone calls. (It can take up to a minute to display)





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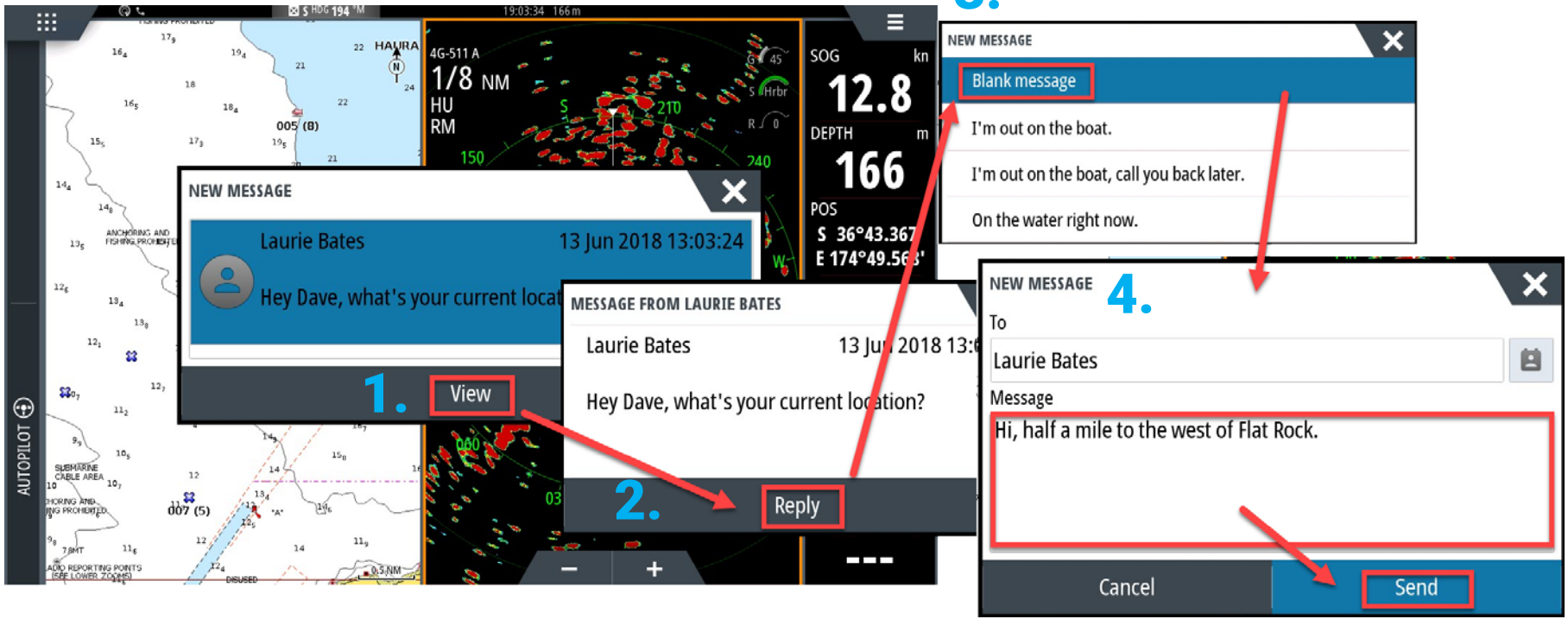
Display text message: Reply



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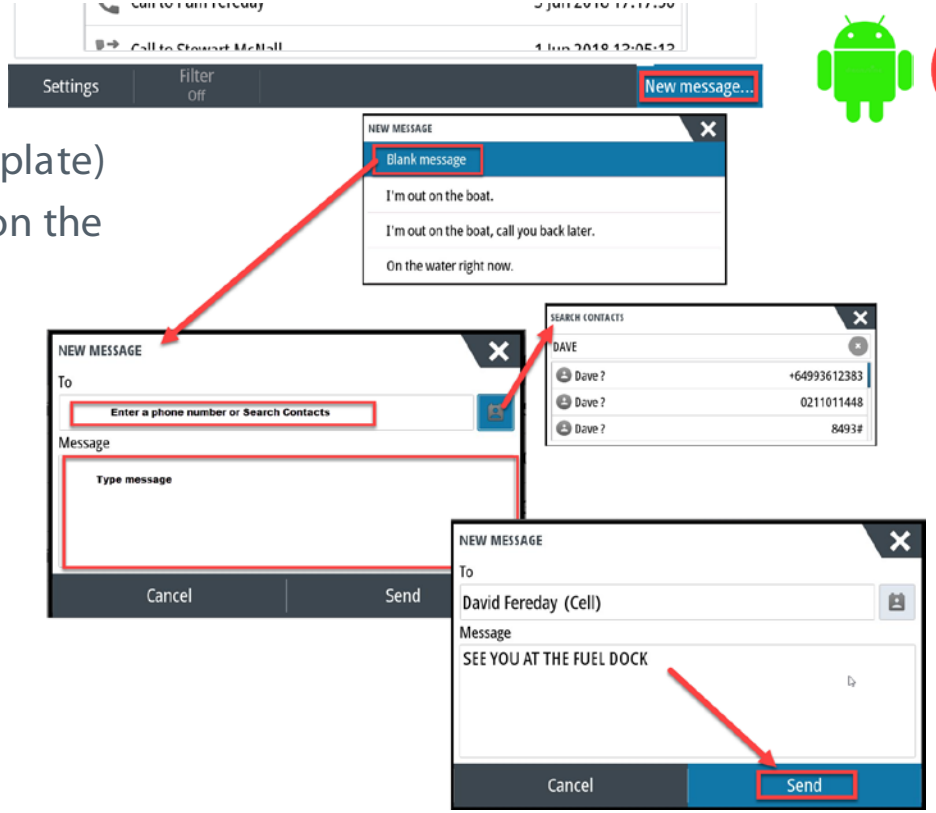
Display text message: New Message

- Select New Message…
- Select Blank Message (or use a template)
- Enter a number or search contacts on the phone
- Type the message and hit Send



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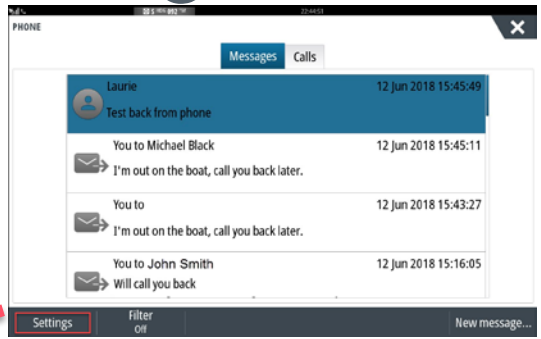
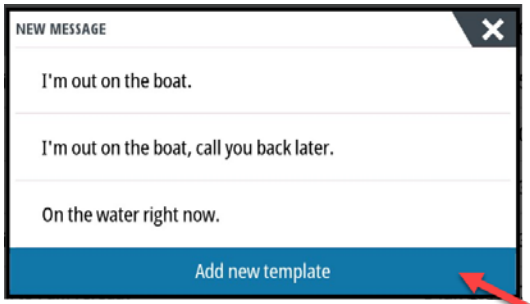
Display text message: Settings

Manage text templates, control notifications under Settings

1.





2.

iPhone

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Online purchase of charts and feature upgrades from MFD

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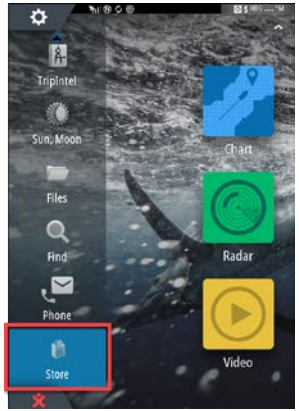
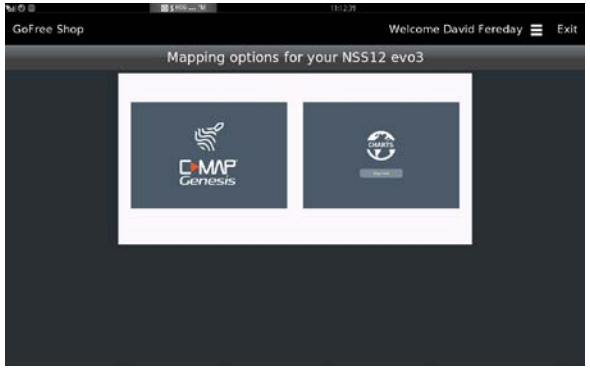
Online purchase of charts

The new Store icon at the bottom of the home page can access C-MAP Genesis and can now allow the purchase and download of charts from the GoFree Shop

- Connect to the internet
- Select Store
- Login to the GoFree shop:
  - Important: users that already have a login are required to change their password. This is best done at https://www.gofreeshop.com/ The new password will work on genesismaps.com gofreeshop.com lowrance.com simrad-yachting.com bandg.com





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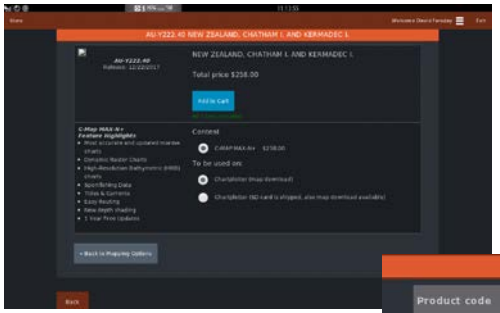
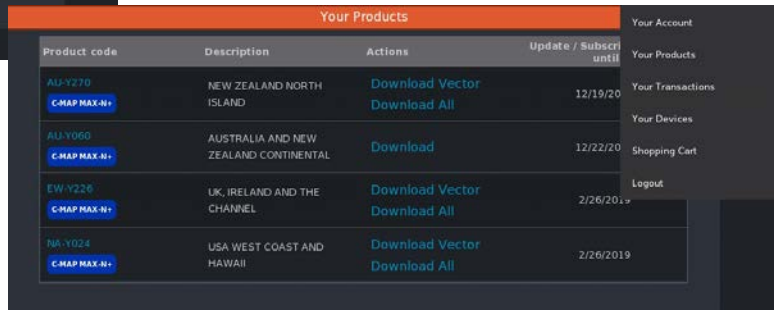
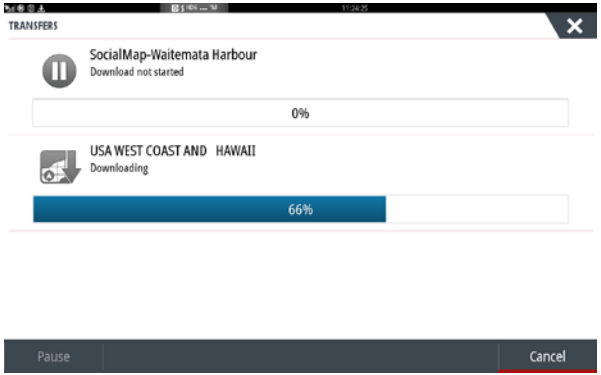
Online purchase of charts

Purchase charts from the MFD instead of having to use a PC



View your GoFree account and download charts straight to an SD card in the MFD





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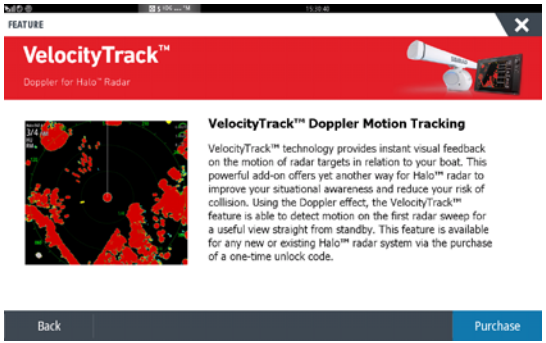
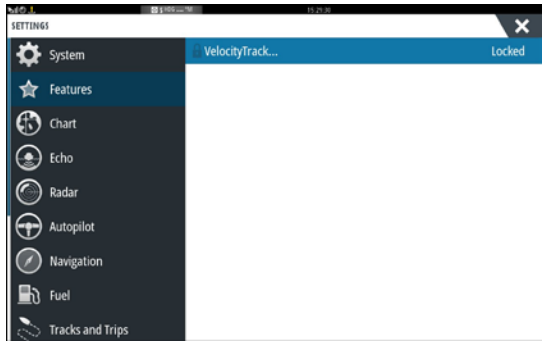
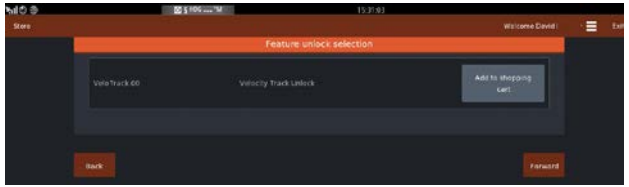
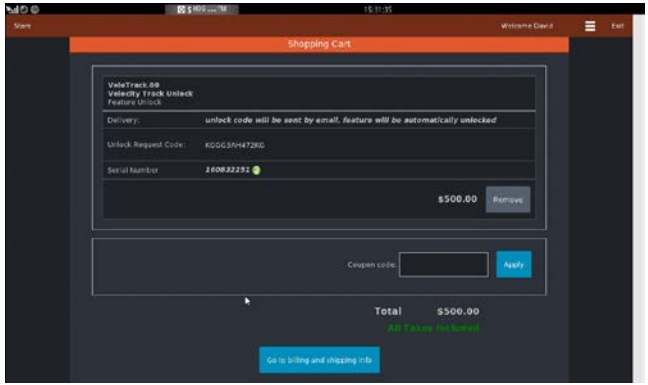
Online purchase of feature upgrades

Purchasable features such as Halo velocity track can now be purchased directly from the MFD. Once the transaction is complete an unlock code is sent to the MFD to enable the feature. The MFD requires an internet connection and a GoFree account.









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Improved Simulator

This feature is on these products

NSO EVO3
NSS EVO3
NSS EVO2
NSO EVO2
GO12 XSE
GO9 XSE
GO7 XSR
GO7 XSE
GO5 XSE

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Improved Simulator

We have made changes to the demo mode to enhance our ability to demo key features at retail including:

- UI change on Settings > Simulator menu: Demo mode is changed to Retail mode
- Turn on supported features automatically in Retail mode like Radar, Echo, StructureScan, StructureScan 3D, ForwardScan, Audio server, Autopilot, Time Plot, Race Instrument, Mercury Engine, Suzuki Engine
- Support using demo script/demo files on external storage
- Disable popups like software updates notifications when demo is on
- Show a 10-sec countdown before resuming demo
- Support showing velocity track in Radar simulator
- Support Audio server simulating
- Showing sensible value in TripIntel page when simulating

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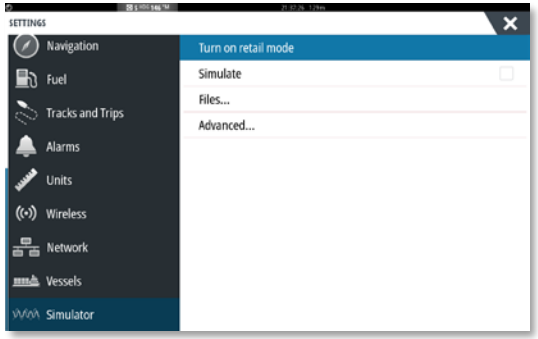
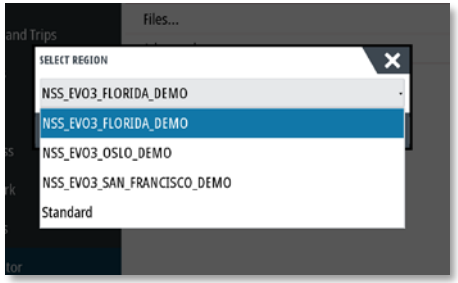
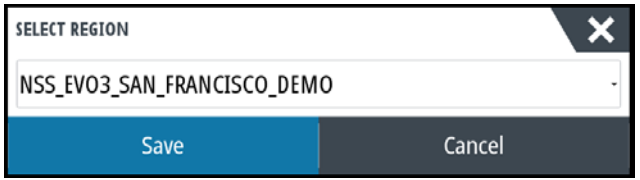
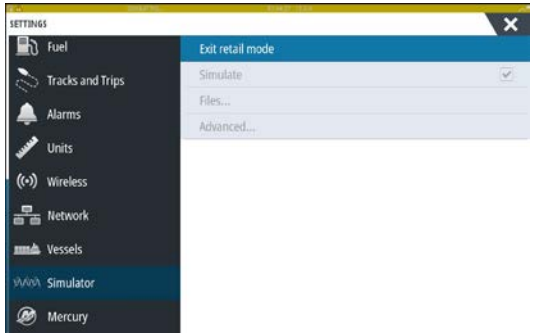
Improved Simulator

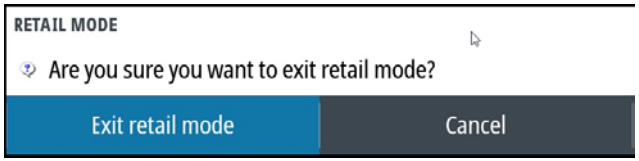
New Retail Mode Simulator











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Evinrude Integration

This feature is on these products

NSO EVO3
NSS EVO3
NSS EVO2
NSO EVO2
GO12 XSE
GO9 XSE
GO7 XSR
GO7 XSE
GO5 XSE

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Evinrude Engine Integration

If an Evinrude G2 Engine Control Head is available on the NMEA 2000 network, the Evinrude engines can be monitored and controlled from the Simrad display.

Once an Evinrude control head is detected:

- An Evinrude icon is added to the home page - select it to display the engine instrument panel. You can customize, which data is displayed on the instrument panel. Refer to the operator manual.
- An Evinrude settings dialog is added - use this dialog to change engine settings.
- An Engine icon is added to the control bar - selecting this button opens the engine controller.

A maximum of two control heads and four engines are supported.

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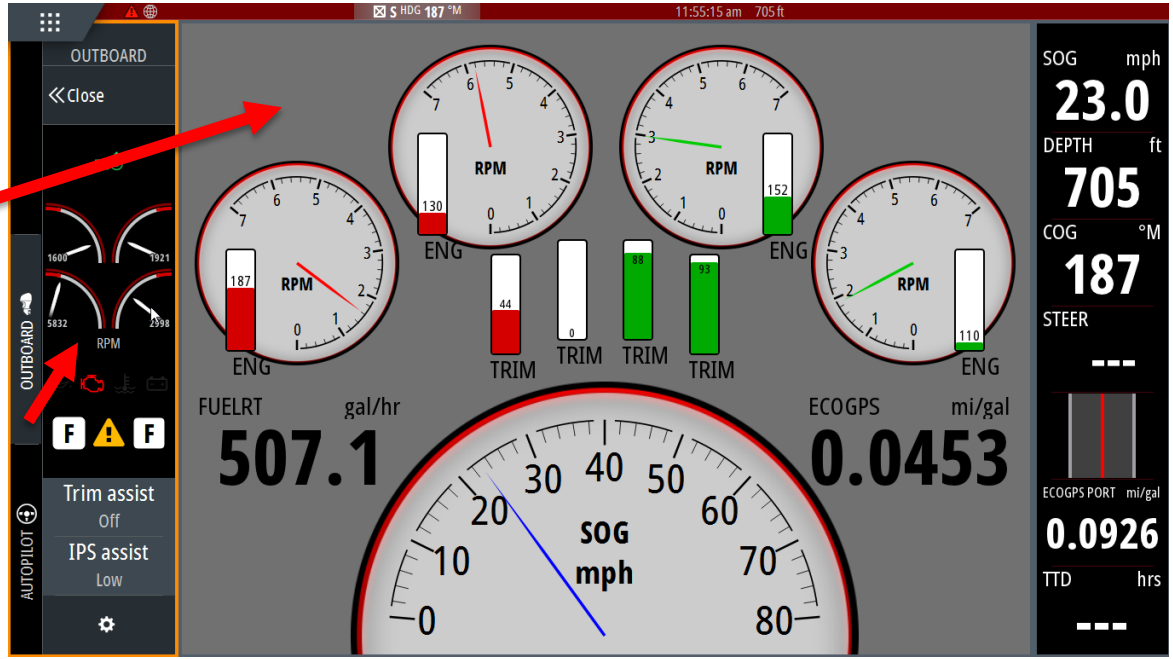
Evinrude Engine Integration



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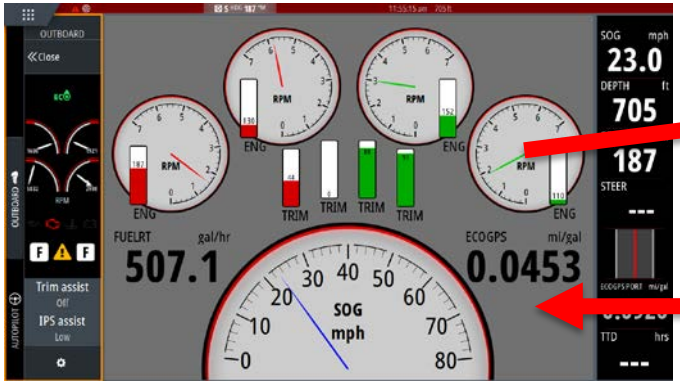
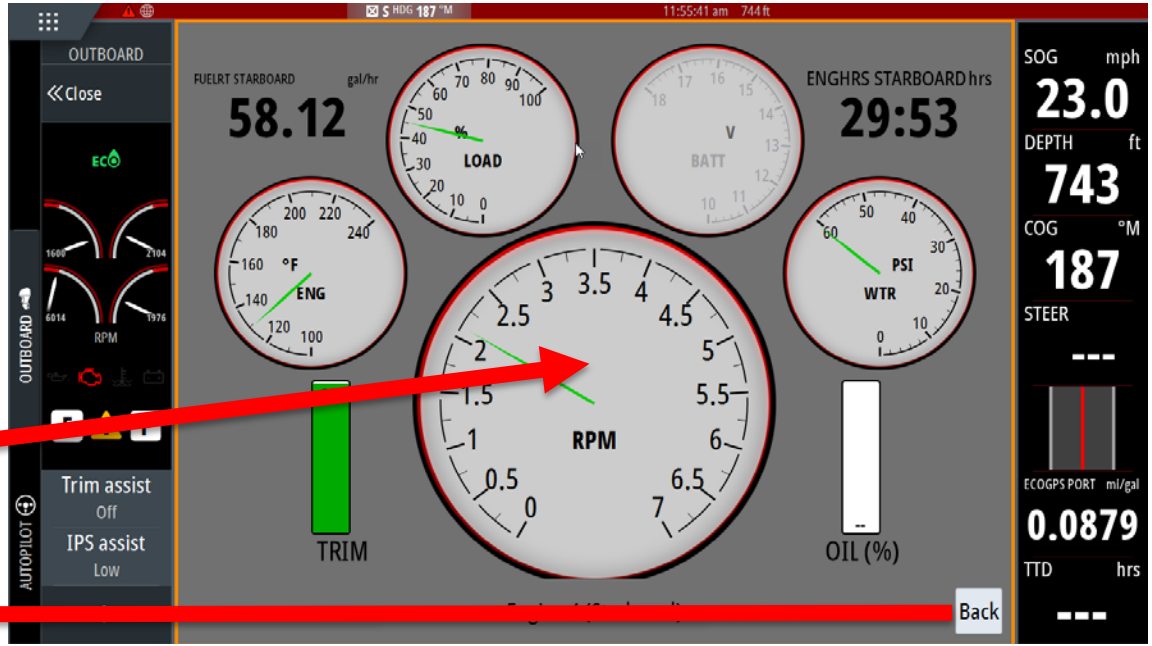
Evinrude Engine Integration

- On Multi Engine displays, select an RPM gauge to display engine details.
- Select Back to return





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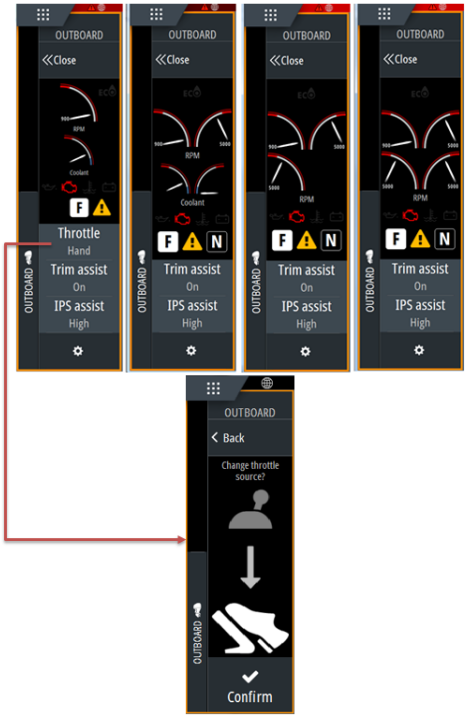
Evinrude Engine Integration

- The Engine control bar allows the change of throttle source as well as displaying engine information. Select Close to hide the control



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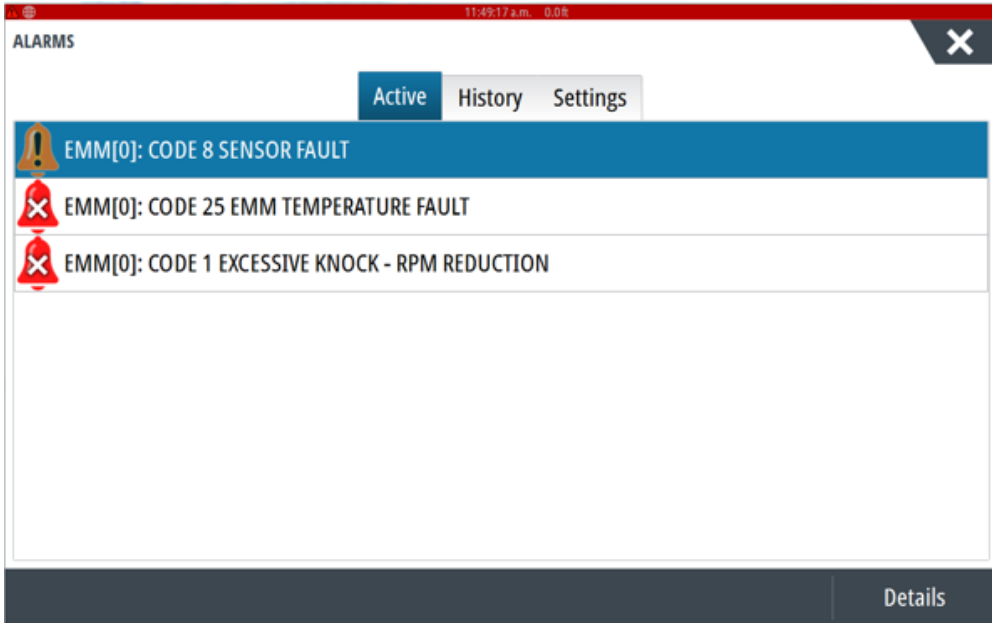
Evinrude Engine Integration

Engine alarms are displayed



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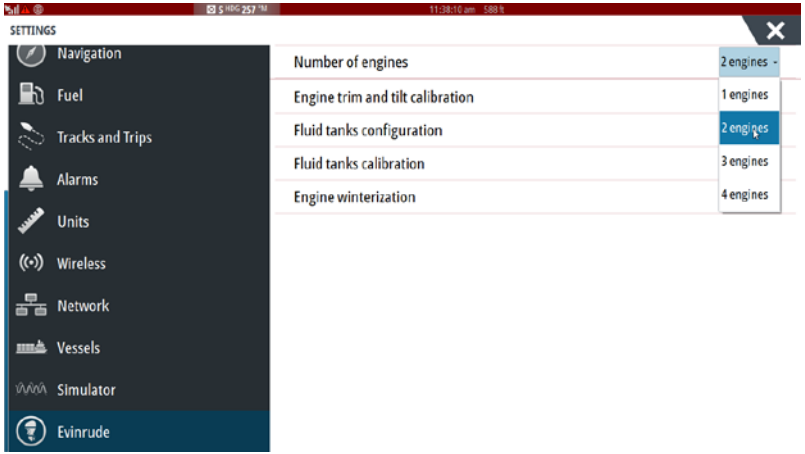
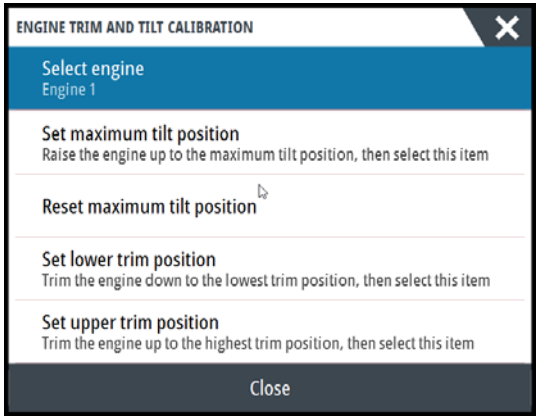
Evinrude Engine Integration

- Under Settings > Evinrude there are new menus to setup Engines, Tanks, Tilt calibration and winterization





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Yamaha Integration Improvments

This feature is on these products

NSO EVO3
NSS EVO3
NSS evo2
NSO evo2
GO12 XSE
GO9 XSE
GO7 XSR
GO7 XSE
GO5 XSE

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Yamaha Engine Integration: Improvements

Following the introduction of Yamaha engine integration in the previous Simrad software release, this version now has the following extra functionality

- A CL7 Gauge not required as an unlock: Completely gauge-less (with Yamaha gateway 6YG-8A2D0-00-00)
- Tank calibration (Easier fluid level sensor setup)
- Engine Trim calibration
- Fuel Flow
- Alarm Config(limit setting/on/off)
- Fault Code Reporting
- Maintenance intervals
- Multi-language support

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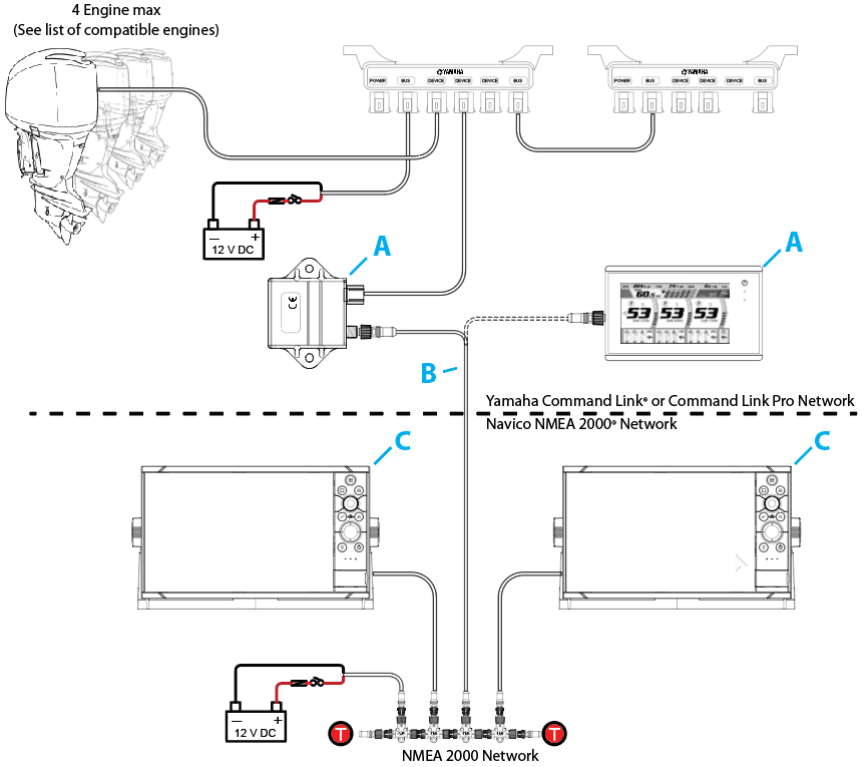
Yamaha Engine Integration: Improvements



Yamaha can now be gauge less using only the 6YG-8A2D0-00-00 gateway module to unlock the feature

A	Gateway module (6YG-8A2D0-00-0) **OR** Yamaha CL7 Gauge will unlock the Yamaha features on the MFD running version 18.2 (60.1.xx) or above. Note. Do not use together in this configuration
B	NMEA 2000 drop cable (max length 6 m 20 ft) 000-0119-88 - N2KEXT-2RD - 0.61 m (2-ft) NMEA 2000® 000-0127-53 - N2KEXT-6RD - 1.82 m (6-ft) NMEA 2000® 000-0119-86 - N2KEXT-15RD - 4.55 m (15-ft) NMEA 2000® (N2K-T-RD T - Micro-C T-connector also required)
C	Compatible Multifunction display SIMRAD NSS evo3, NSO evo3, NSS evo2, NSO evo2, GO7, GO9, GO12 Lowrance HDS GEN3, HDS Carbon With software version 18.2 (60.1.xxx) or greater

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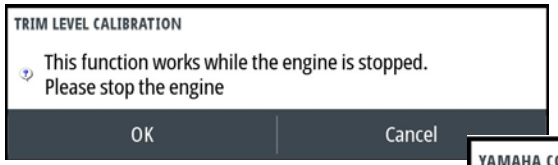
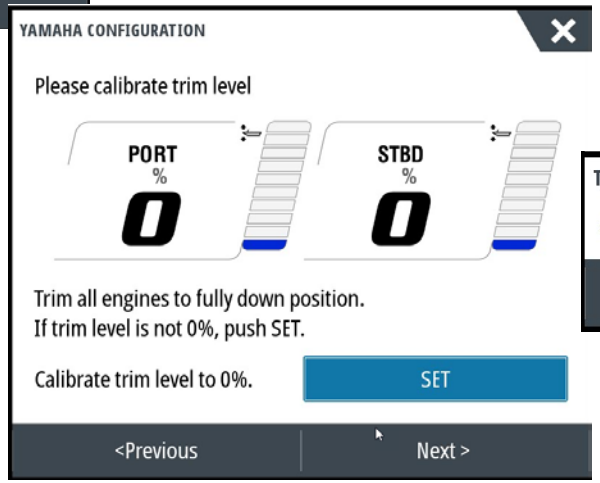
Yamaha Engine Integration: Improvements

The Yamaha setup wizard now includes trim tab calibration. Clear instruction given onscreen how to do this





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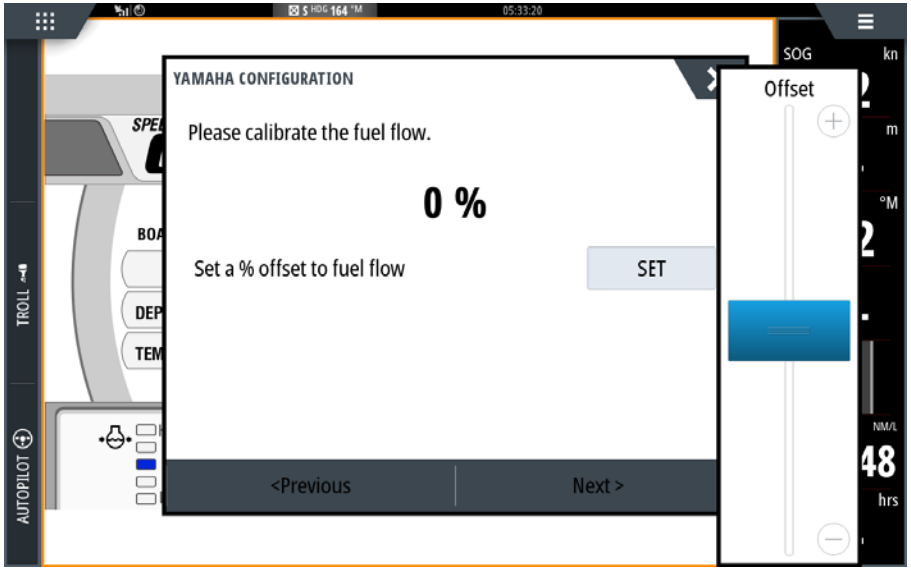
Yamaha Engine Integration: Improvements

The Yamaha setup wizard now includes Fuel Flow calibration



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Improvements and fixes

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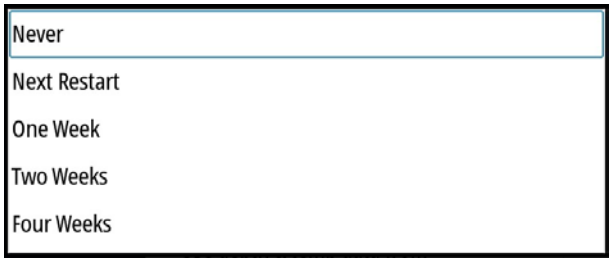
Improvements

- An option is now available for a user to select when notified that there are software updates. Update check can be done at anytime from Settings > About > Support



- A Halo radar when shown in a split screen (Radar+Radar) should now show Head A and Head B by default. Previous version used to show Head A and Head A
- Support for Fusion Ethernet radios
- WIFI Interface improvements
- Feature unlock from the MDF. Purchasable features such as Halo velocity track can now be purchased directly from the MFD. The MFD requires an internet connection.

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Bug Fixes

- Phantom Loran position can be set in the instrument panel
- Fix for RMC sentence missing time stamp
- Radar overlay transparency control not working with Insight charts
- Missing voltage setting in Auto pilot setup
- Problem setting depth and temperature source over NMEA 2000 when a TotalScan transducer is connected to an NSS evo2
- Fix for incorrect true wind angle in certain circumstances
- An issue has been fixed where the audio/autopilot control bar did not display correctly on an NSO evo2 connected to some 4:3 ratio monitors
- Some users reported MFD not coming out of standby. This has now been fixed

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