RELEASE NOTES:
Spring 2023

For the spring update 2023 we have focused on expanding the functionality between the Q App and Q Display. We are quite excited to see what our users think of the over the air expansions available through the Q App!

In addition, we have made many improvements to the navigation and reduced the number of screen presses needed to perform tasks while driving.

2023 is going to be a great season!

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Subscriptions & Add-on features

Subscriptions and add-on features for the Q Display can now be managed through the mobile application.

Q Connected

You can now manage your Q Display's internet connection in the mobile application. The Q Connected subscription enables:

In the Q Display:

- *Automatic software updates* – always keep your Q Display up to date
- *Weather reports* – automatic warnings when the weather takes a turn for the worse
- *Mobile application connection* – connection to the mobile application
- *Subscription support – e.g., Cloud AIS and Limitation areas*
- *WLAN Hotspot* – WLAN onboard, perfect for a workday at sea
- *Google place search* – find gas stations, restaurants, and other services with ease directly on your Q Display
- *Q Guard surveillance* – real-time surveillance of your boat, no matter where you are

In the Mobile application:

- *Real-time boat status – Always know that your boat is alright*
- *Q Guard surveillance – Keep your boat safe from thieves and other unforeseen events*
- *Trip logbook & season – Automatically sync your mobile log book with your Q Display's log book*
- *Automatic service book – See your performed services in the mobile application*
- *Engine alarm log – Never miss an engine alarm again!*

Cloud AIS

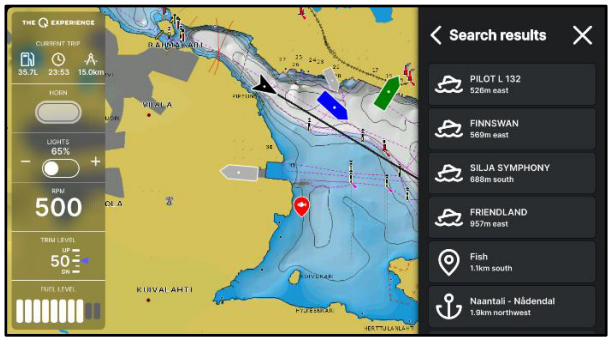
See who you share the sea with – for safety and leisure.

The Cloud AIS subscription can be activated in the mobile application and brings AIS targets to the Q Display's chart, without the need for an external AIS receiver.

Traditionally an AIS receiver would be necessary to view AIS targets on the chart. With the Cloud AIS subscription, you skip the hassle with installing the AIS receiver, and still see all the available AIS targets!

Collision warnings – Cloud AIS alerts you if you are on a collision course with another ship.

In case of a MOB (Man Over Board) situation, the Q Display will show you the person in distress on the chart, and you will be prompted to navigate to the location.



Picture 1: AIS targets on the chart

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Limitation areas Finland

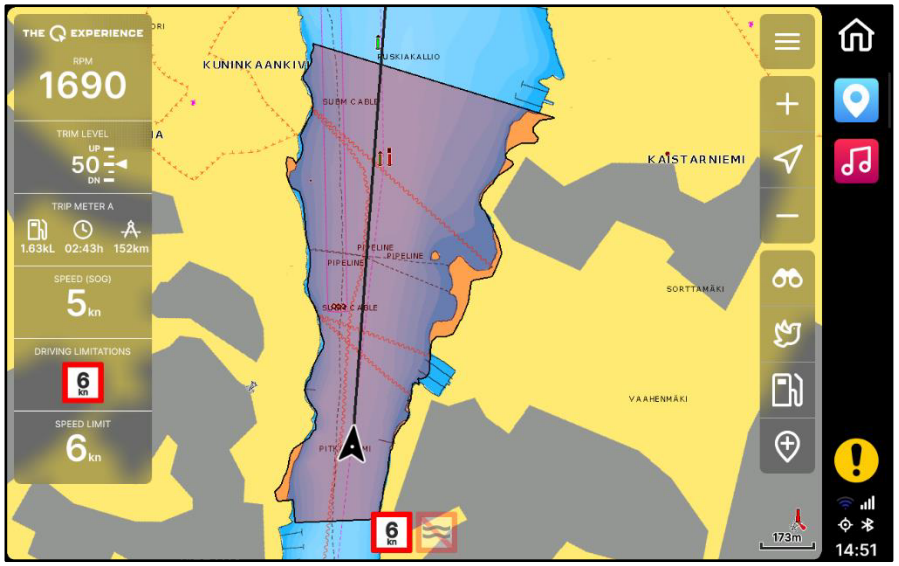
Get up to speed, but the right speed.

The Limitation areas subscription can be activated in the mobile app and shows the current limitations in your area directly on your chart, such as *speed limits, no-wake zones, or prohibition of anchoring*.

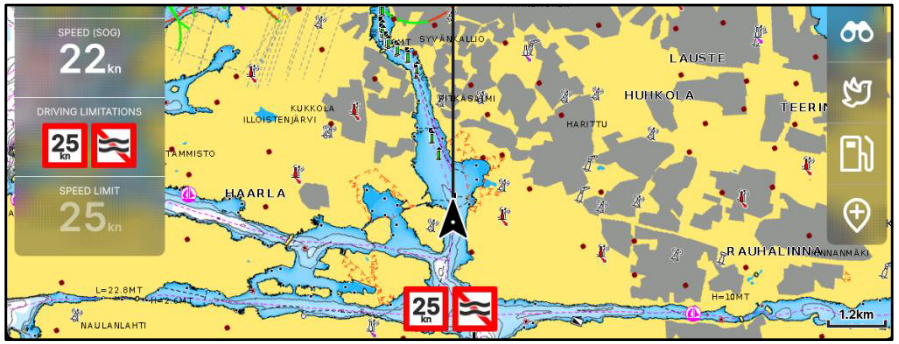
On the sea, and especially in the archipelago, the limitation signs are difficult to spot in bushes on the shore. The Limitation areas subscription brings these signs directly in front of you on the screen. Even better, the Limitation areas subscription even tells you when the limitations end, no more guessing.

By tapping on the on-screen Limitation area sign, you can see the whole limitation area on the chart.

NOTE: currently only available in Finland.



Picture 2: Speed limit area shown on chart



Picture 3: Speed limitation and No-wake zone warnings

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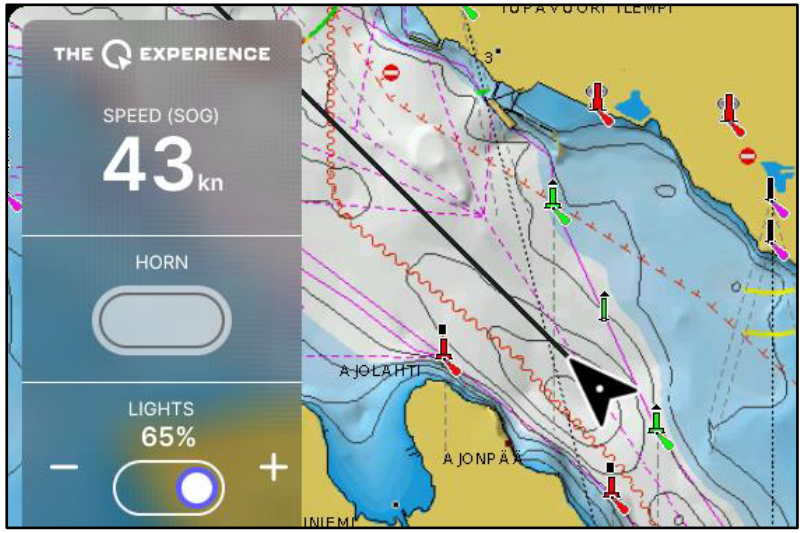
New features

Digital Switch shortcuts

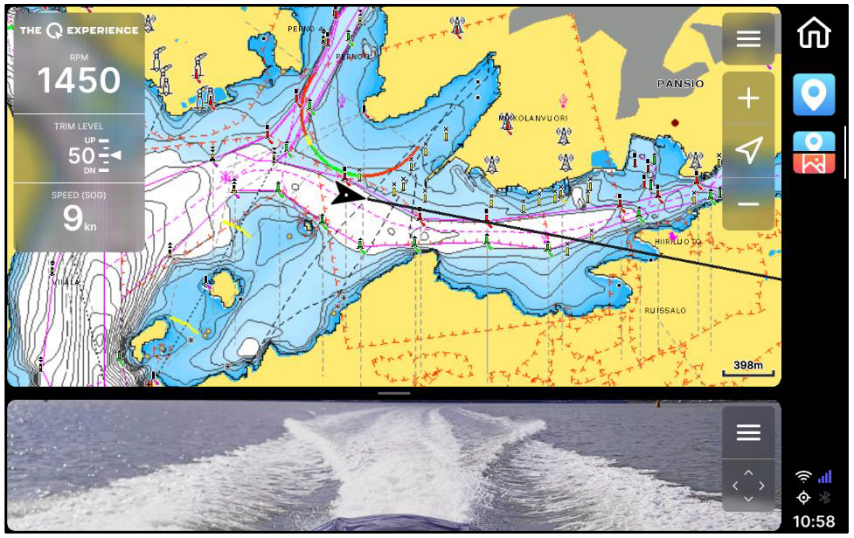
Users can now attach Digital Switch shortcuts to views as Mini Dashboard widgets. The shortcuts perform the same actions as the buttons in the Boat-application.



Picture 4: Digital Switch shortcuts in dashboard widget

IP Camera support

Users can now connect IP Cameras directly to the Q Display. The Camera application works like any other application and can be used standalone or in split view configurations!



Picture 5: Camera and Map application in split view

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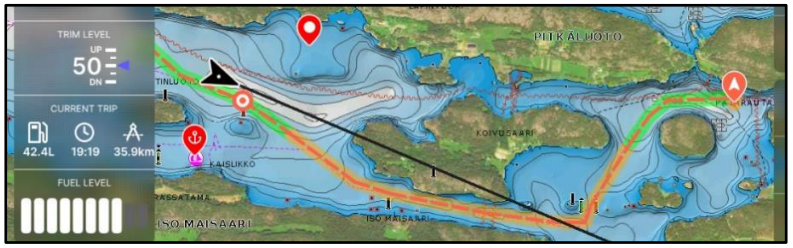
Navigation line highlight

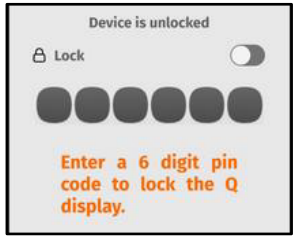
The navigation line is now highlighted to differentiate the trail and navigation line from each other. The highlight colors are green, yellow, and red, depending how much caution is needed at respective places.



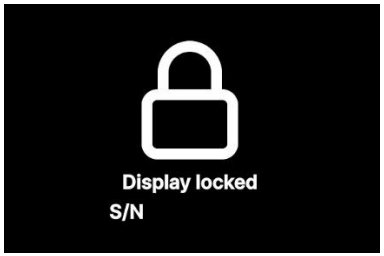
Picture 6: Highlighted navigation line

Q Lock

You can now lock your Q Display via the Q Experience mobile application! In the Q App, just enter a 6-digit PIN-code and enable the lock. The lock can be opened in the Q App or on the Q Display by entering the PIN-code.



Picture 7: Lock option in Q App



Picture 8: Lock screen in Q Display

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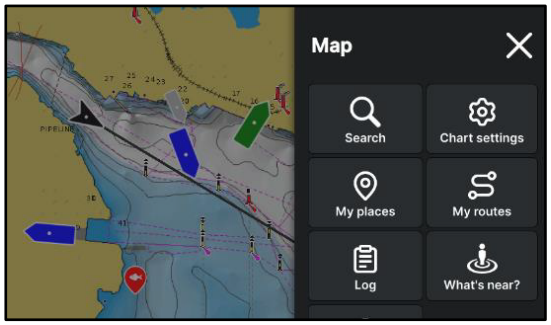
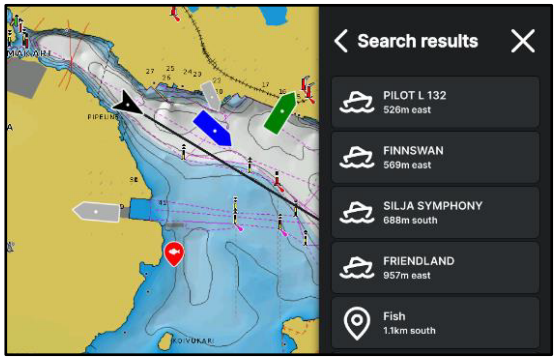
What's near?

Shows you routes, places, harbors, AIS-vessels (if enabled), and more by sorting them from closest to furthest away. To search from your current location use *What's near?* in the *Chart menu.* You can also long press any chart position and search around that position by selecting What's near from the opened menu. The search radius is 10km.



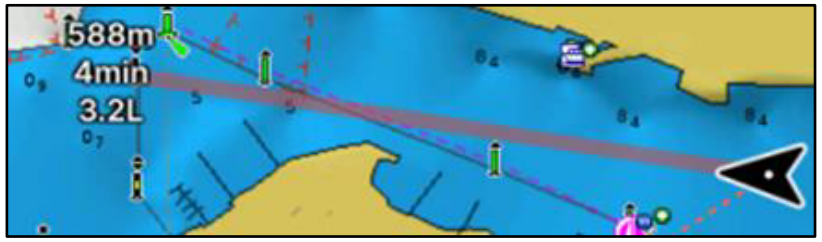
Picture 9: "What's near?" in the chart menu



Picture 10:"What's near?" list of objects

Show distance from boat

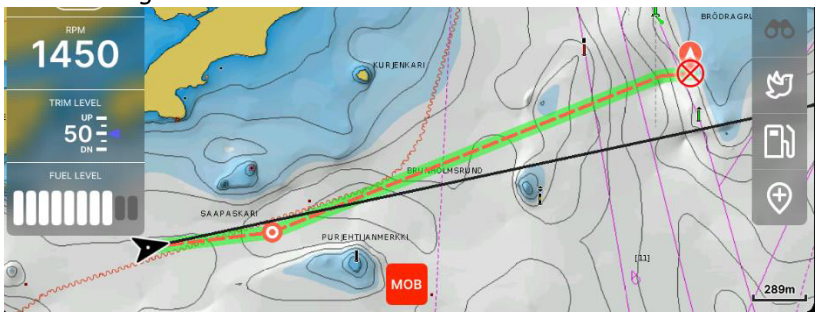
Shows you the distance, duration, and consumption to the center point while panning the chart. Consumption and duration are calculated using a moving average. *Show distance from boat* can be activated in the *Chart settings*.



Picture 11: Show distance from boat vector

AIS MOB

When a Man Over Board (MOB) signal is received over AIS users will get a warning on the chart. Pressing the warning locates the MOB-signal on the map and lets users use it as a destination for *Auto routing*.



Picture 12: Active MOB-warning and activated navigation

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Sailing dashboard & wind instrument support

The Q Display can now sail!

You can now use NMEA2000 compatible wind instruments with your Q Display to display useful sailing information on the sailing dashboard.

Sailing Related Data:

- Wind Transducer
- Data Log for Water Speed
- GPS Data

Calculated Data:

- True Wind
- Adaptive / Auto Lay lines
- Current

Picture 13: Sailing dashboard

Automatic Lay lines

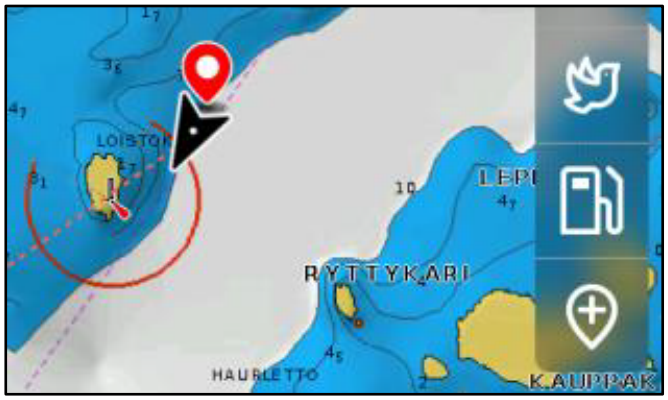
When sailing, lay lines are automatically drawn on the dashboard based on navigation- and wind data.

Quality-of-life improvements

Reroute
When navigation is active, *reroute* lets you reroute from your location without ending the current navigation.

Fuel level notification to the destination
You will get a warning if the estimated fuel consumption to the set destination is larger than the estimated amount of fuel remaining.
NOTE: This feature requires that the *Fuel tank capacity* is set in *Settings > Boat settings > Fuel tank capacity*.

Place here
Place here has been moved to the utility menu for more convenient use. The utility menu can be activated in the *Chart menu.*



Picture 14: "Place here"-button in the utility menu

Route layer
Added a setting to hide or show all routes, or only show routes nearby. Can be found in the *Chart settings*.

Hide places
Users can now hide My places from the chart.

Delete logs
Users can now delete logs from Q Display's logbook (if a route is under 100m, it is not saved).

Support QR-code
Help us help you; by scanning the support QR-code an email with all the necessary technical information will automatically be created. Then, just describe your issue, and we can help you. The QR-code is found under *Info > Support > Email***.**

Maximum speed and RPM in dashboard
Added a setting for increasing the range of the speed and RPM gauges. You can find it in *Settings > Boat settings > Maximum RPM/Speed.*
NOTE: this setting is strictly visual.

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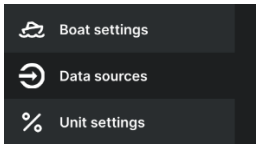
Data Sources

Users can now choose what source to use for different values shown on the Q Display. This is especially useful for installations with equipment that provides the same data. If there is more than one source for a value, the Q Display will notify the user.

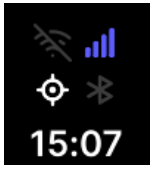


Picture 15: Data sources in the Settings menu

Picture 16: Notification for multiple data sources

Connection notification

The mobile network icon will now turn blue when an internet connection is established. This is useful for knowing when the Q Connect subscription is up.



Picture 17: Blue mobile connection icon