

SIMRAD®

B&G®

Waypoints & Routes

App Guide

English

Software version: 2.1



NSS® 4 | Zeus® SR

NSX® | Zeus® S

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More information

Document version: 001

This document was prepared using software version 2.1.

Features described in this document may vary from your unit due to connected devices, settings, brand, and continuous software development.

For the latest version of this document in supported languages, and other related documentation, visit www.simrad-yachting.com/downloads or www.bandg.com/downloads.

Contact us

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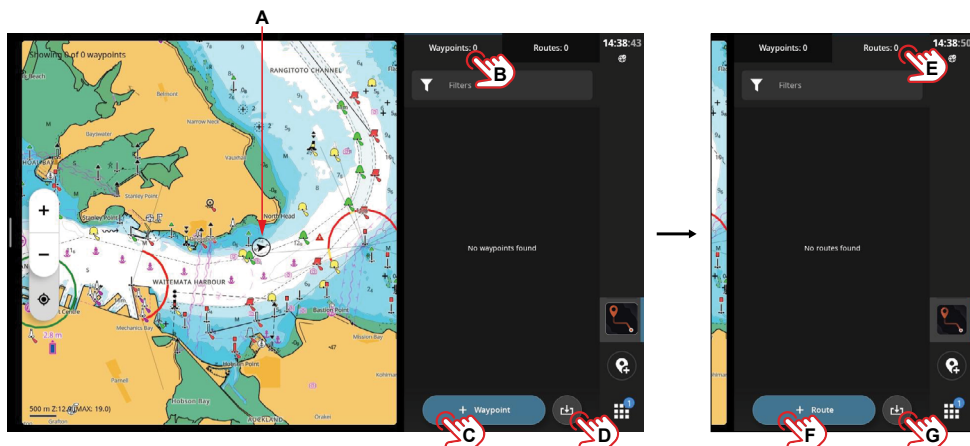
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OVERVIEW

The **Waypoints & Routes** app allows you to add, edit and delete waypoints and routes. It also lets you navigate to a waypoint and navigate a route.

All available waypoints and routes can be managed from the Waypoints & Routes app. Waypoints and routes created using this app are visible in the Chart app, and vice versa.



- A Your vessel
- B Waypoints tab — select to view a list of all saved waypoints
- C Add waypoint button — select to create a new waypoint
- D Import waypoints button — select to import waypoints
- E Routes tab — select to view a list of all saved routes
- F Add route button — select to create a new route
- G Import routes button — select to import routes

→ **Note:** You can import waypoints and routes into the app from a microSD® card or USB storage device.

→ **Note:** Saved waypoints and routes synchronize with the Simrad® or B&G mobile app (when the same account is used on the unit and mobile app). An active internet connection is required.

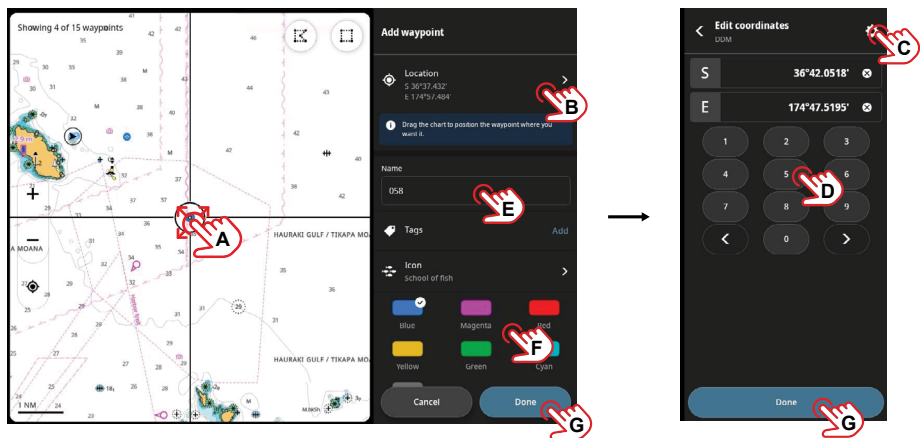
WAYPOINTS

A waypoint is a point of reference that marks a location for navigation.

Create a waypoint

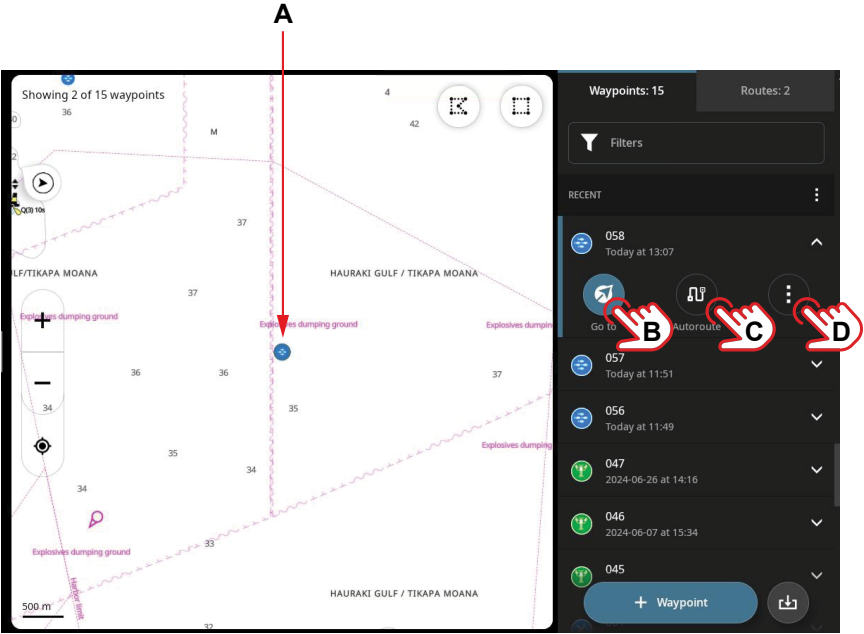
To create a waypoint, go to the **Waypoints** tab and select **+ Waypoint**.

Position the waypoint by panning the chart (**A**), give the waypoint a name (**E**), select a waypoint icon and color (**F**) then select **Done** (**G**) when finished. You can also create a waypoint by entering a location coordinate (**B**). To enter a location select the coordinate system you want to use (**C**), enter the location details on the number pad (**D**) and select **Done** (**D**) when finished.



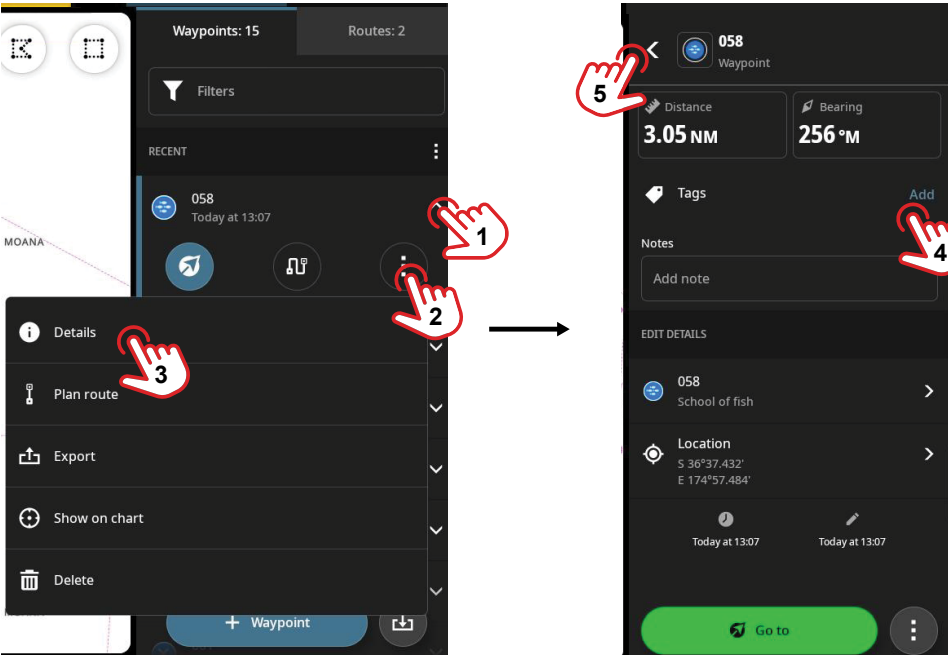
Your saved waypoint marker shows on the screen (A).

Select **Go to (B)** to navigate to the waypoint, or autoroute (C) and select the options button (D) to see the waypoint details, edit, plan a route, export, see on the chart or delete.



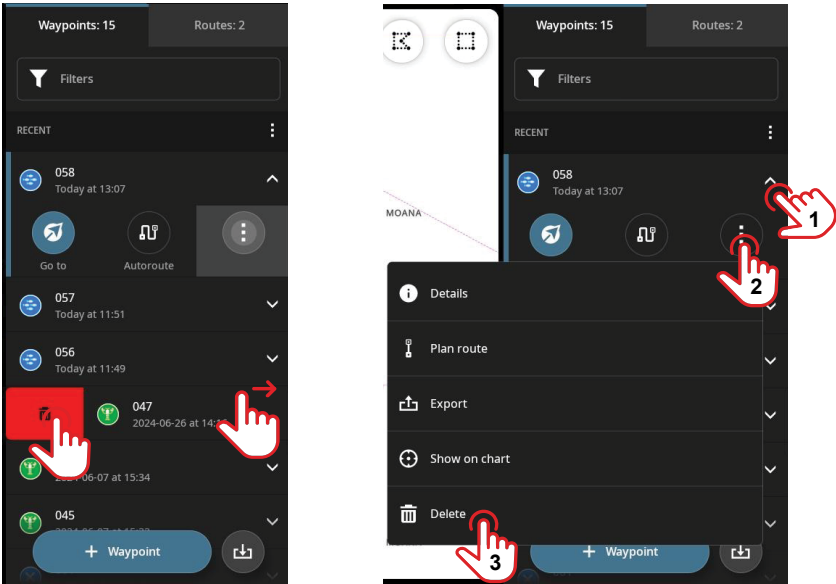
Edit a waypoint

To edit a waypoint's attributes select the waypoint (1), select the options button (2), then select **See details** (3). On the **Details** panel you can edit the waypoint tags, note, name, icon, color, and location (4). Your changes are automatically saved. Select the back button to return to the waypoints list (5).



Delete a waypoint

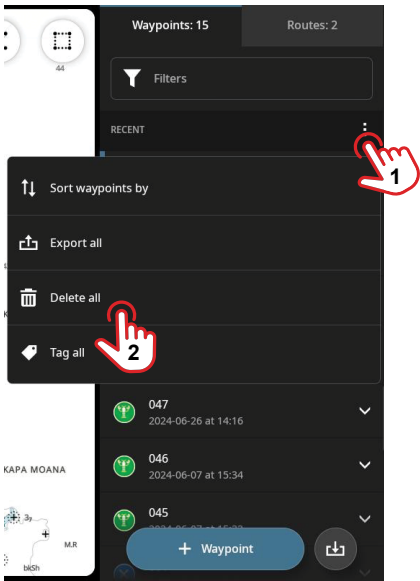
To delete a waypoint, swipe the waypoint to the right then select the red delete button. Alternatively, select the waypoint (1), select the options button (2), and then select **Delete** (3).



Delete all waypoints

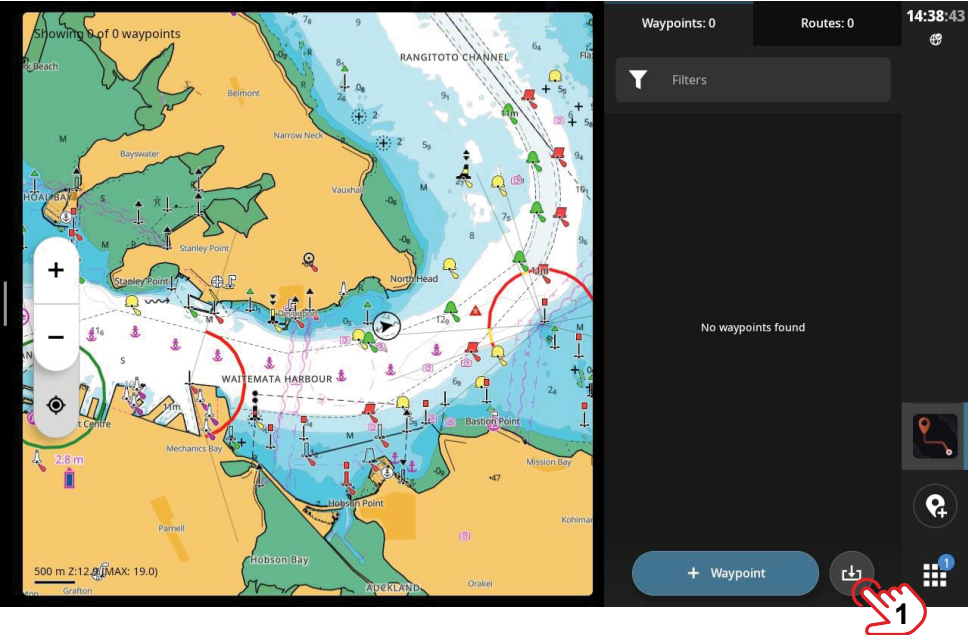
To delete multiple waypoints, select the options button (1) and then **Delete all** (2).

→ *Note: Delete actions are irreversible.*



Import waypoints

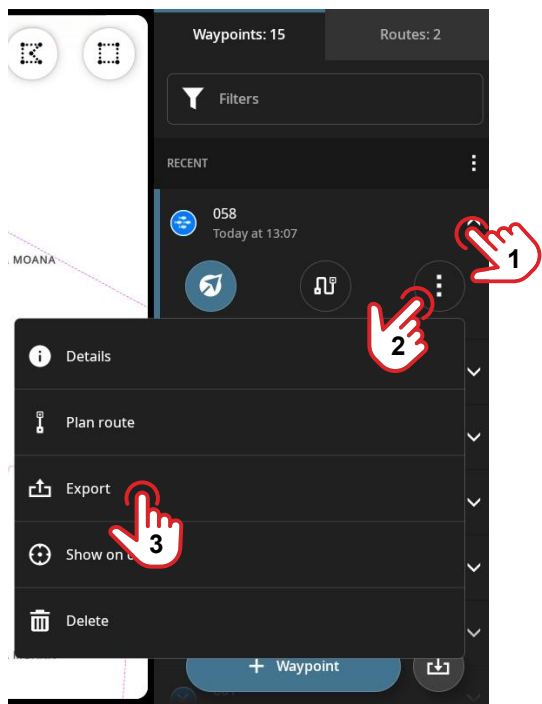
To import waypoints from a microSD® card or USB storage device, select the import waypoints button (1) then follow the on-screen prompts to import waypoints.



Export a waypoint

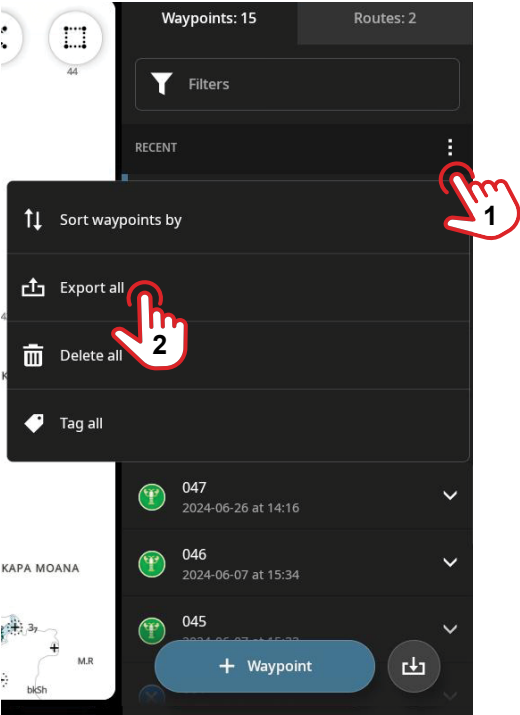
To export waypoints, insert either a microSD® card or USB storage device into the unit.

To export a waypoint, select the waypoint (1), select the options button (2) and then select **Export** (3). Follow the on-screen prompts to export the file.



Export multiple waypoints

To export multiple waypoints, select the options button (1) and then **Export all** (2).

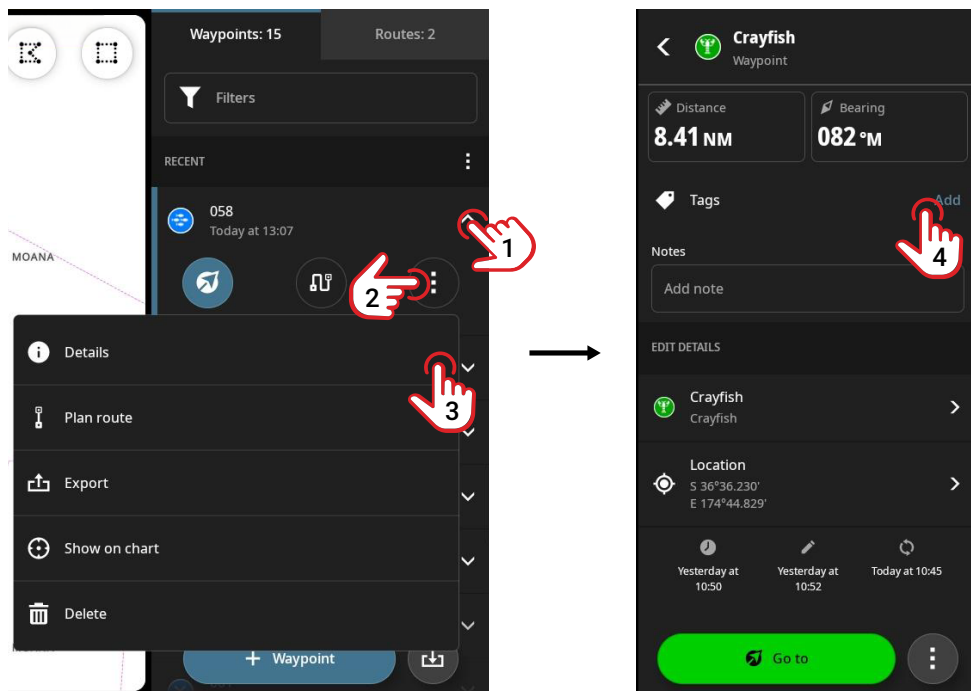


Tag a waypoint

You can tag a waypoint with a number of unique labels to easily identify and/or group them when you search for waypoints using a filter.

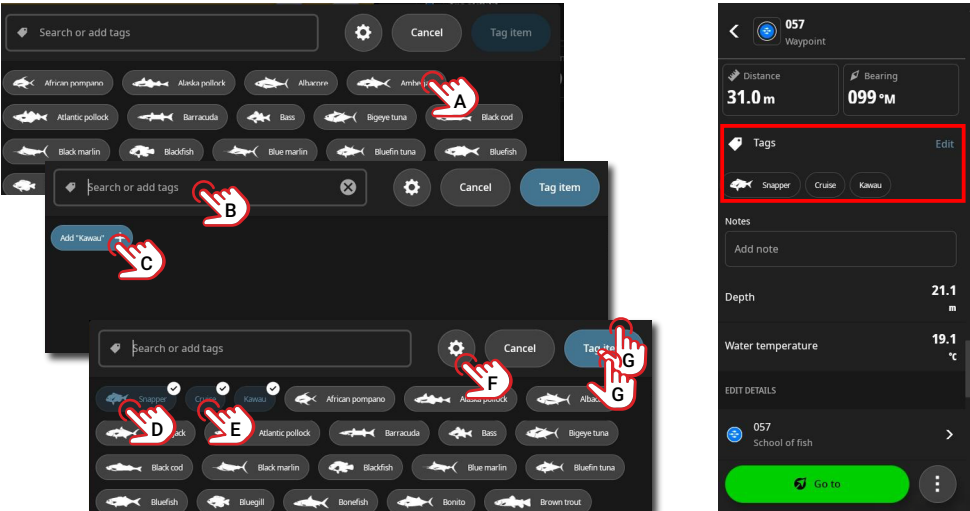
Tags are shared across waypoints, routes and tracks. This can be helpful when grouping similar themed waypoints. For example, 'snapper' to describe a fish type, or 'sunset' to describe a location with spectacular views.

To tag a waypoint select the waypoint from the list (1), select the options button (2), select **See details** (3), then select **Add** (4).



→ **Note:** Adding a tag is optional and is in addition to naming a waypoint.

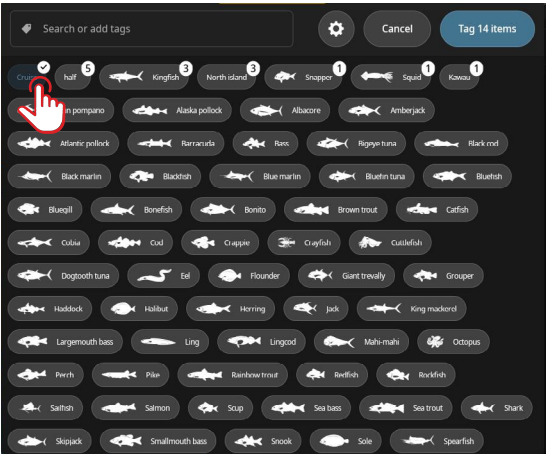
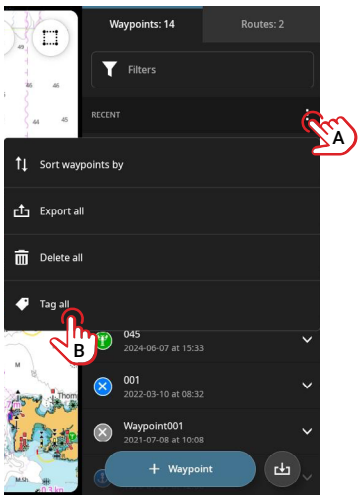
On the tags panel, you can select an existing tag (A) or add a new tag (B) by typing the text then select + (C) to add the tag. You can choose multiple tags (D, E). A ✓ next to a tag means it's selected. When you click **Tag item** (G), the selected tags are added to the waypoint. The tags are displayed on the waypoint details panel.



→ **Note:** Select the cog icon (F) at any time on the tags panel to edit or delete an existing tag.

Tag multiple waypoints

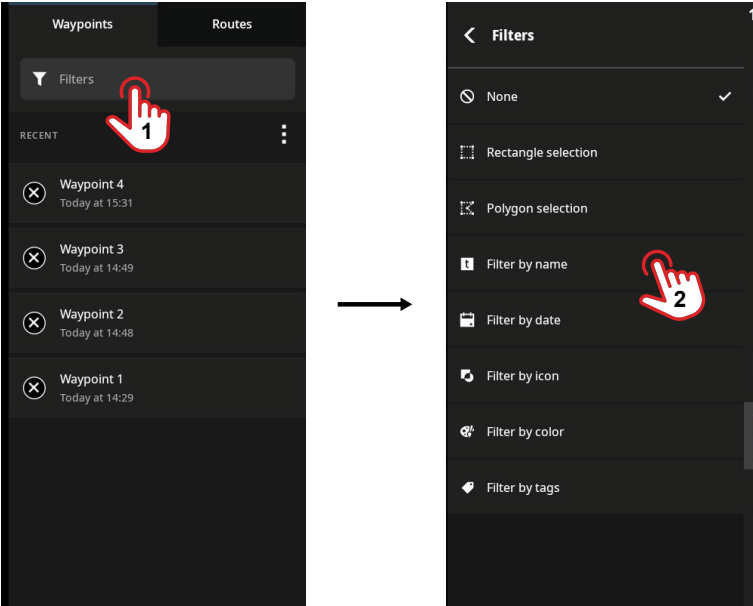
You can tag multiple waypoints from your list—whether it's filtered or just the current view. Select the options button (A), then select either **Tag these** or **Tag all** (B). On the tags panel you can select an existing tag, or add a new tag, then select **Tag items** to add the tags.



→ **Note:** Each tag displays the number of items in the list which have the tag applied to them.

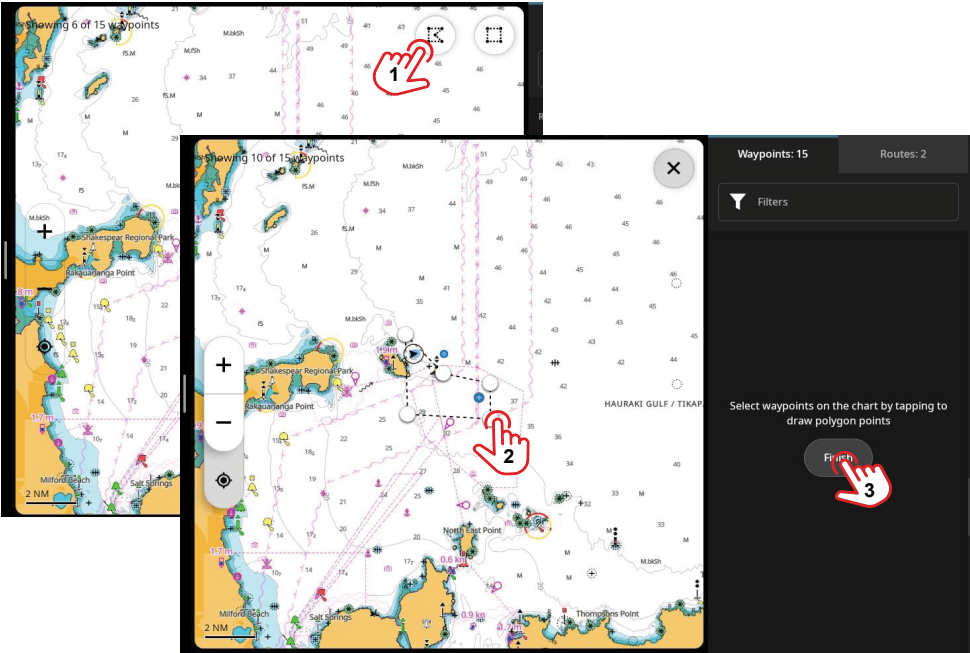
Filter and sort waypoints

Waypoints can be filtered by text, date, icon, color, tag or by drawing a shape on the chart. Select **Filters** (1), then select the filter you want to apply.

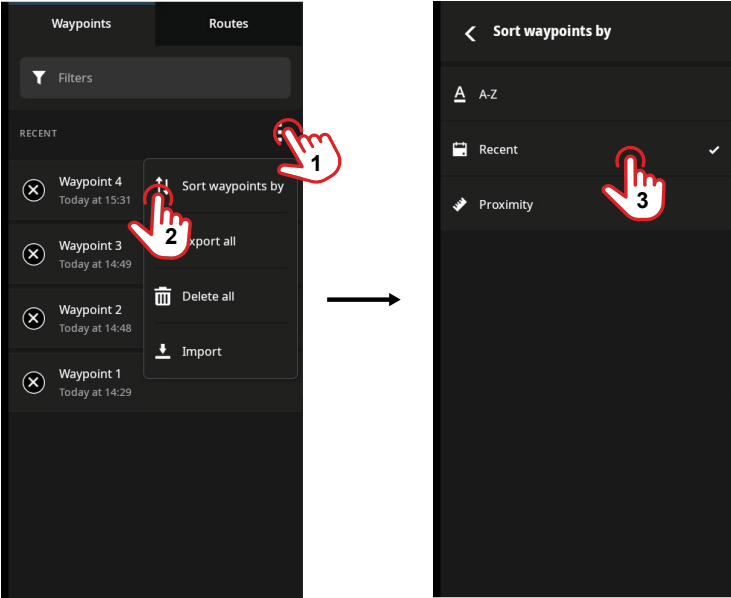


Rectangle and polygon selection

You can filter a selection of waypoints by drawing a rectangle or polygon on the chart.



You can sort waypoints alphabetically, by proximity or by creation date. Select the options button (1), then select **Sort waypoints by** (2).



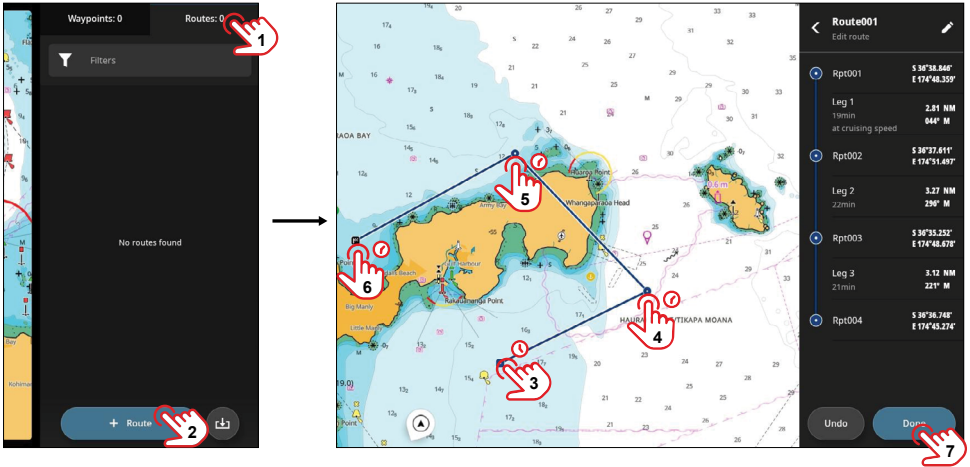
ROUTES

A route is a series of two or more routepoints used to navigate from one point to another.

Create a route


To create a route, select the **Routes** (1) tab and select **+ Route** (2).

When the **Chart** app opens, select and hold locations (3, 4, 5, 6) on the chart in a sequence to create a series of routepoints, then select **Done** (7) when you've marked all your routepoints.

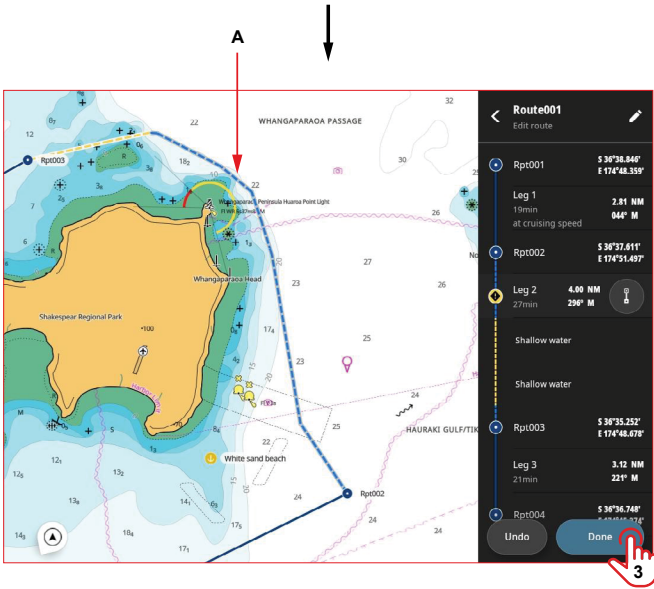
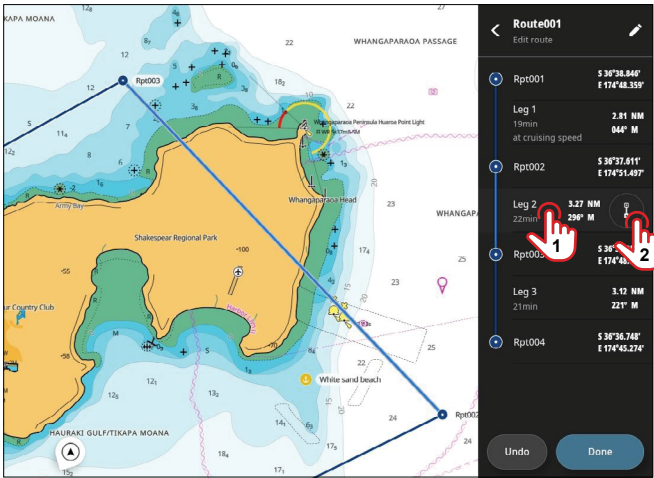


Autoroute a leg

You can let the system create an autoroute for each route leg. The system takes into consideration your vessel's settings and chart information to determine the autoroute.

**WARNING:** You are responsible for checking the autoroute suggested by the system is safe. There could be an error in the chart data (depth, obstacles, other vessels, tides, or the height of objects like bridges or cables) and there can be errors in your vessel's settings, speed or current ballast.

To autoroute a leg, select the leg **(1)** in the list and then the autoroute button **(2)**. The system suggests a new route for a leg **(A)**. Select **Done** **(3)** when finished.

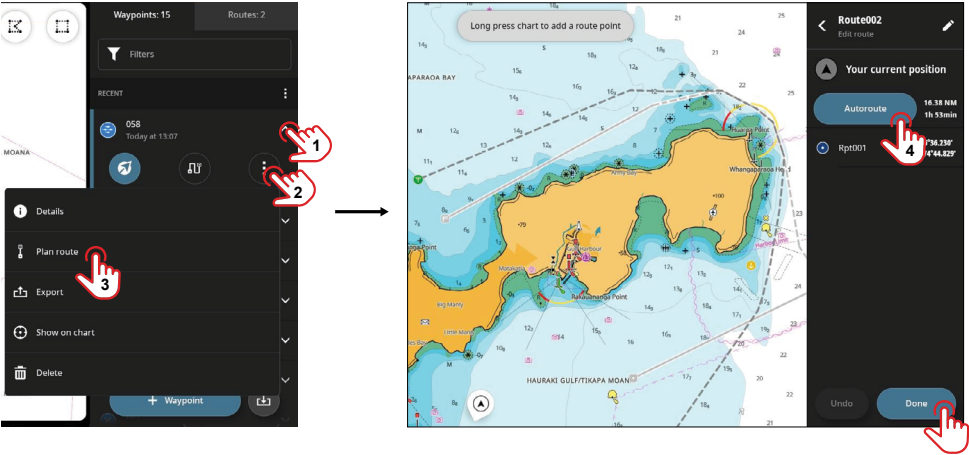


Plan and autoroute to a waypoint


You can also plan a route to an existing waypoint, and autoroute to it.

Select a waypoint from the waypoint list (1), then select the options button (2). Select **Plan route** (3), then **Autoroute** (4). The system starts navigating to the waypoint.

Select **Done** to stop the navigation and delete the route.

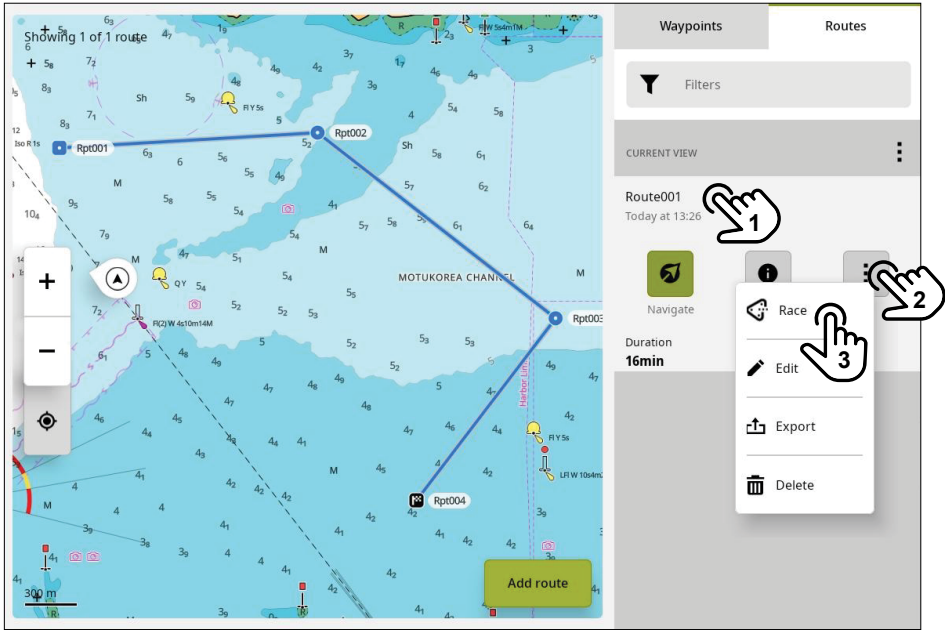


Create a race route

 This functionality applies to B&G devices only.

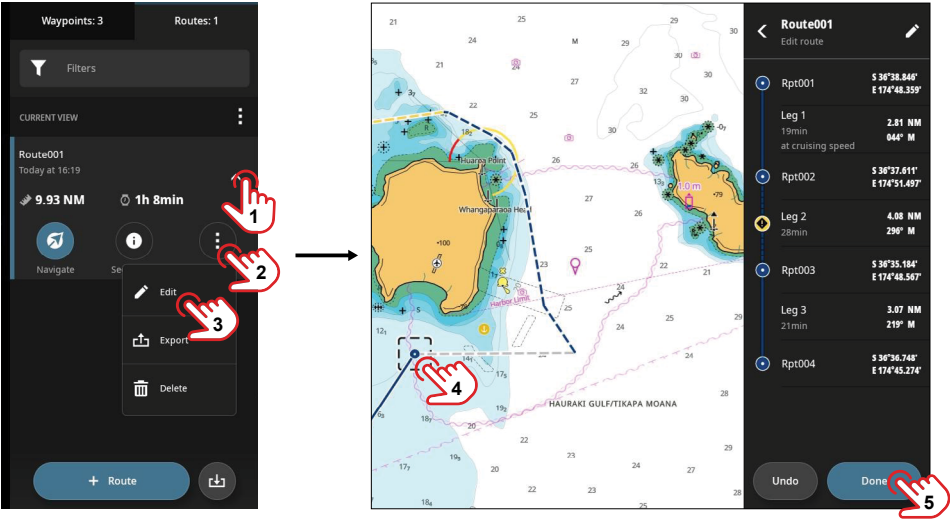
You can use an existing route to create a race route.

On the **Routes** tab, select your route (1), select the options button (2), then select **Race** (3).



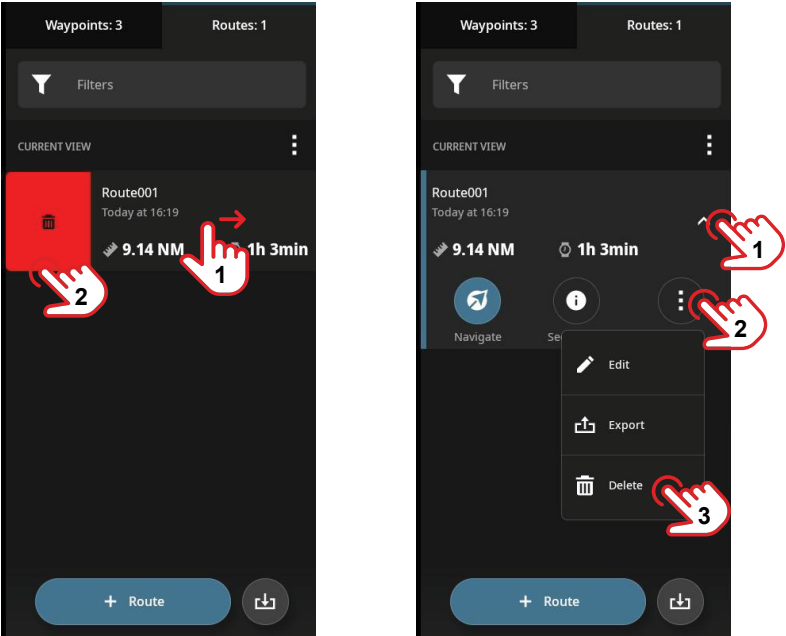
Edit a route

You can edit a selected route (1) by selecting the options button (2), then **Edit** (3). You can now move the routepoint on the screen (4), select **Done** (5) to save your changes.



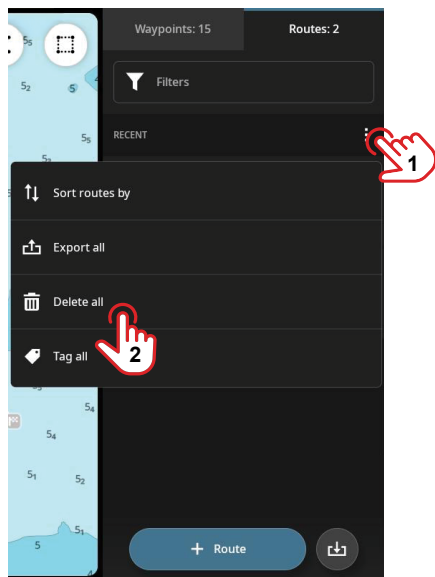
Delete a route

To delete a route, swipe the waypoint to the right then select the red delete button. Alternatively, select the route (1), select the options button (2), and then select **Delete** (3).



Delete multiple routes

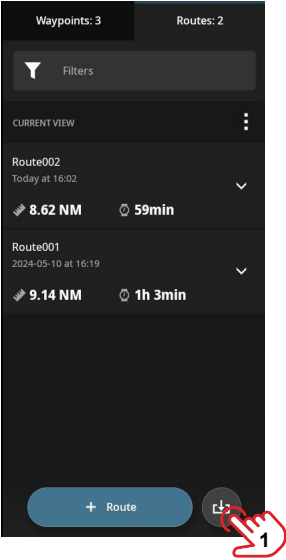
To delete multiple routes, select the options button (1) and then **Delete all** (2).



→ *Note: Delete actions are irreversible.*

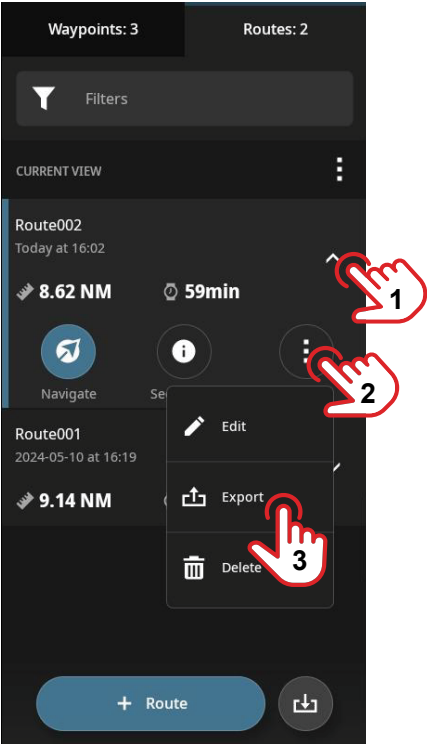
Import routes

To import routes from a microSD® card or USB storage device, select the import button (1) then follow the on-screen prompts.



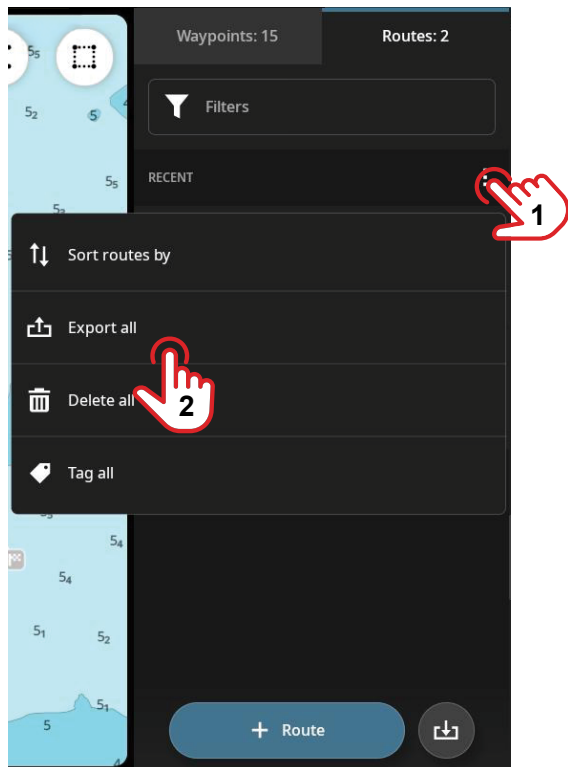
Export a route

Insert either a microSD® card or a USB storage device into the unit. To export a route to an external storage device, select the route (1), select the options button (2) and then **Export** (3).



Export multiple routes

Insert either a microSD® card or a USB storage device into the unit. To export multiple routes from the **CURRENT VIEW** list, select the options button (1) and then **Export these** (2). On the **RECENT** view list the option displays as **Export all**.

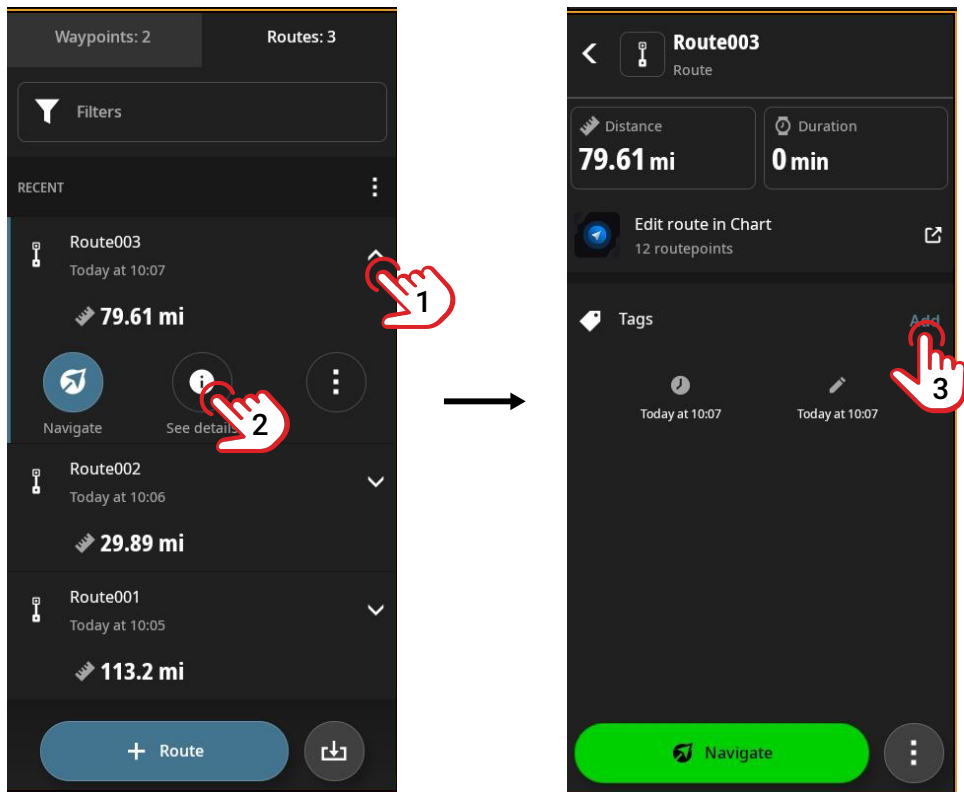


Tag a route

You can tag a route with a number of unique labels to easily identify and/or group them when you search for routes when using a filter.

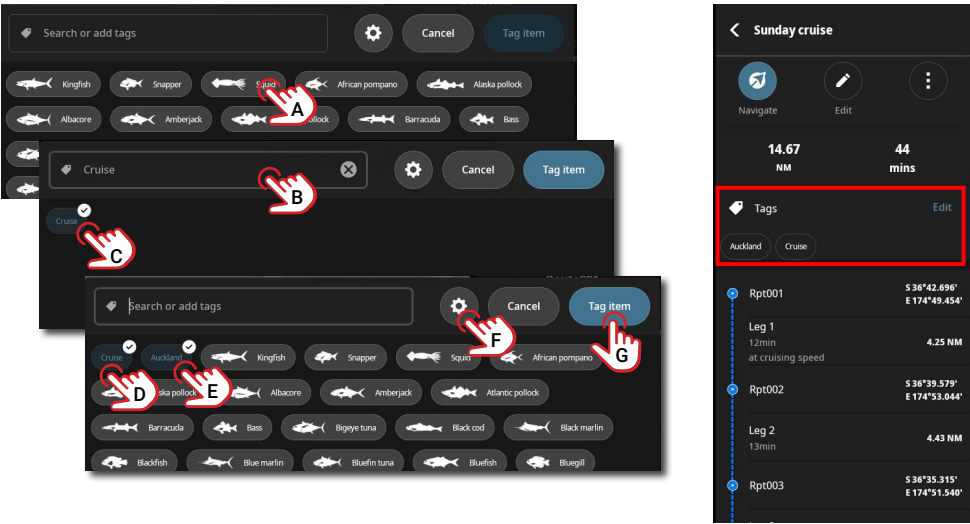
Tags are shared across waypoints, routes and tracks. This can be helpful when grouping similar themed routes. For example, 'sunset' to describe a route with spectacular views.

To tag a route select the route from the list (1), select **See details** (2), then select **Add** (3).



→ **Note:** Adding a tag is optional and is in addition to naming a route. On the **Tags** panel, you can select an existing tag (A) or add a new tag (B) by typing the text then select (C) to add the tag.

You can choose multiple tags (D, E). A ✓ next to a tag means it's selected. When you click **Tag item** (G), the selected tags are added to the waypoint. The tags are displayed on the route details panel.

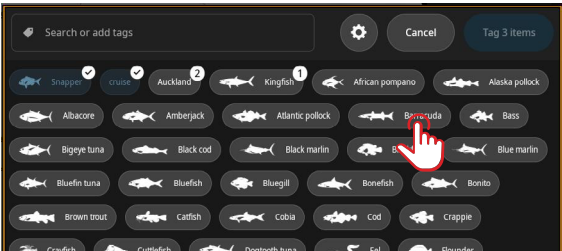
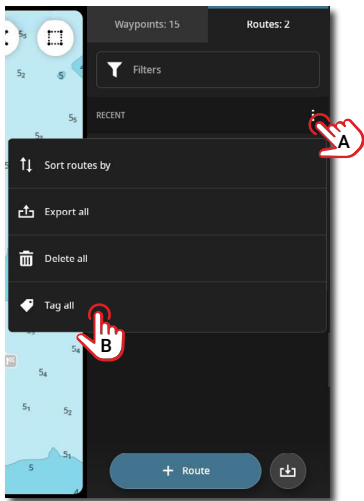


→ **Note:** Select the cog icon (F) at any time on the tags panel to edit or delete an existing tag.

Tag multiple routes

You can tag multiple routes on your routes list.

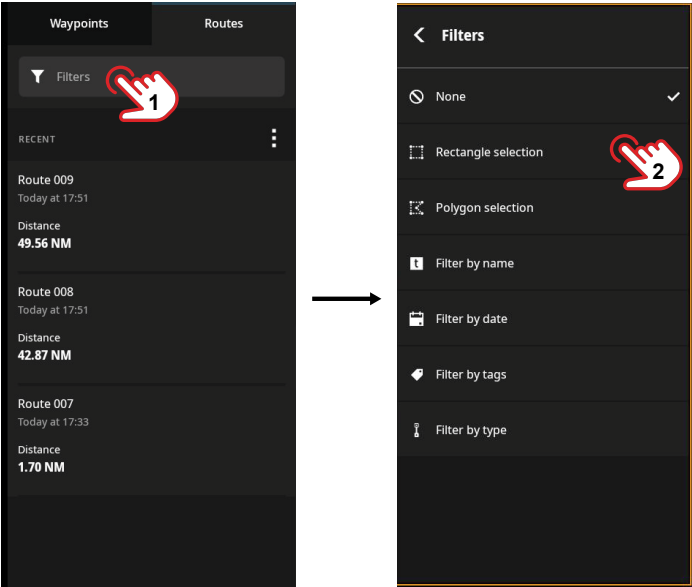
Select the options button (A), then select **Tag all** (B). On the tags panel you can select an existing tag, add a new tag, then select **Tag items** to add the tags.



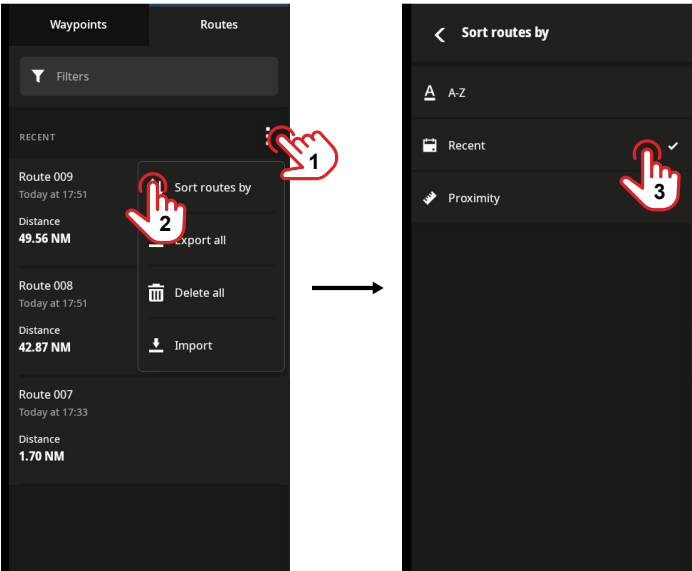
→ *Note: Each tag displays the number of items in the list which have the tag applied to them.*

Filter and sort routes

Routes can be filtered by rectangle or polygon selection, name, date, tag or type.



You can also sort routes alphabetically, by creation date or by proximity. Select the options button (1), then **Sort routes by** (2).



Rectangle and polygon selection

You can filter a selection of routes by drawing a rectangle or polygon on the chart.

