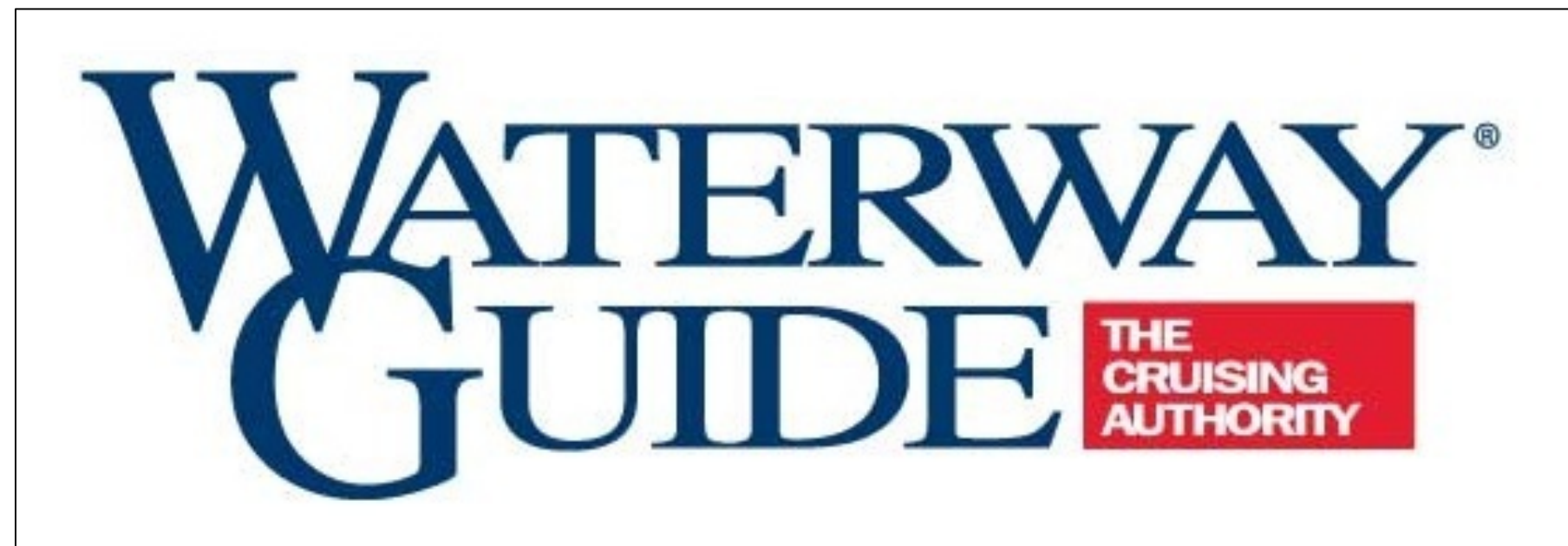
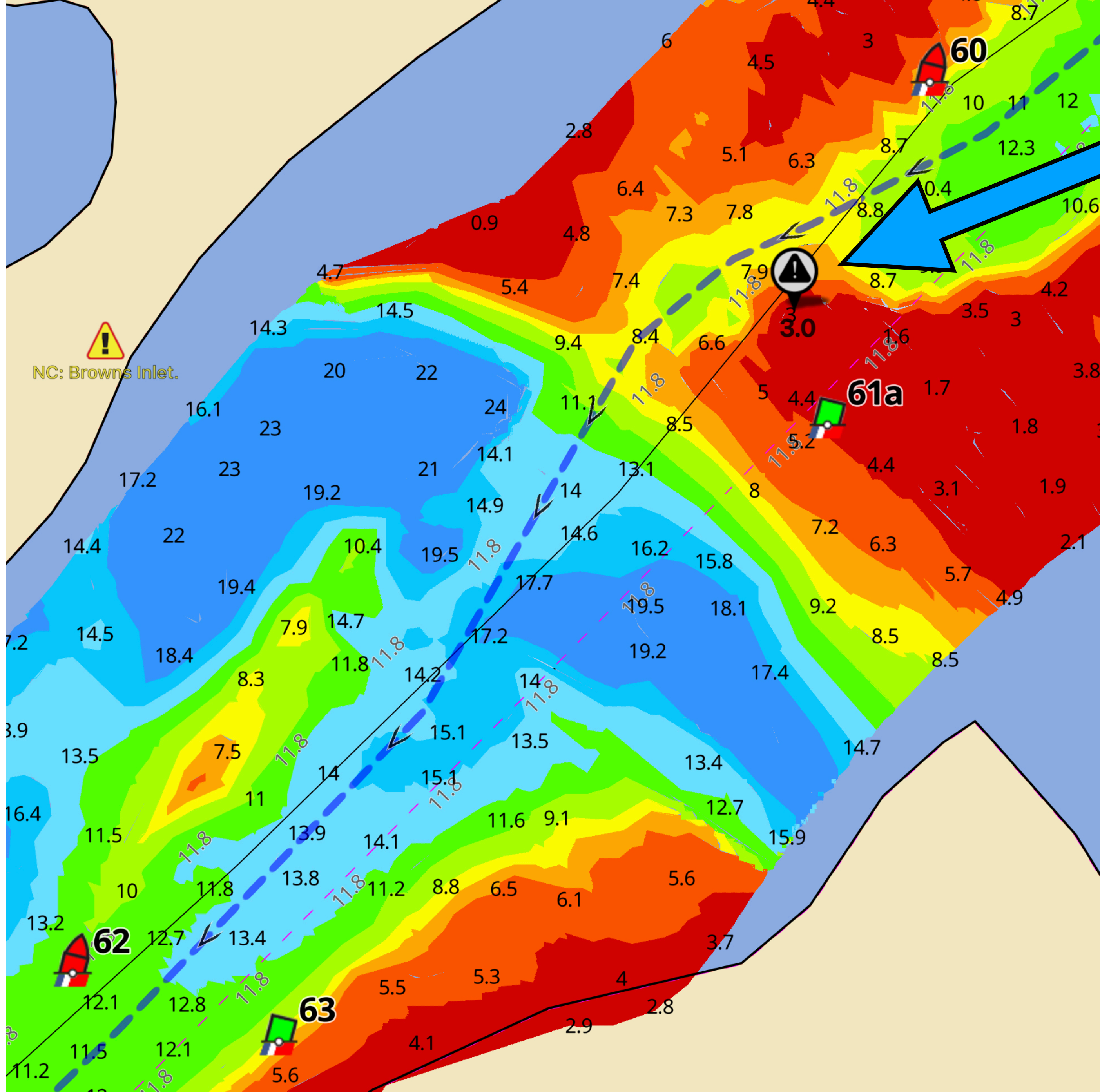


# Using Aqua Map for ICW Navigation



by Bob423

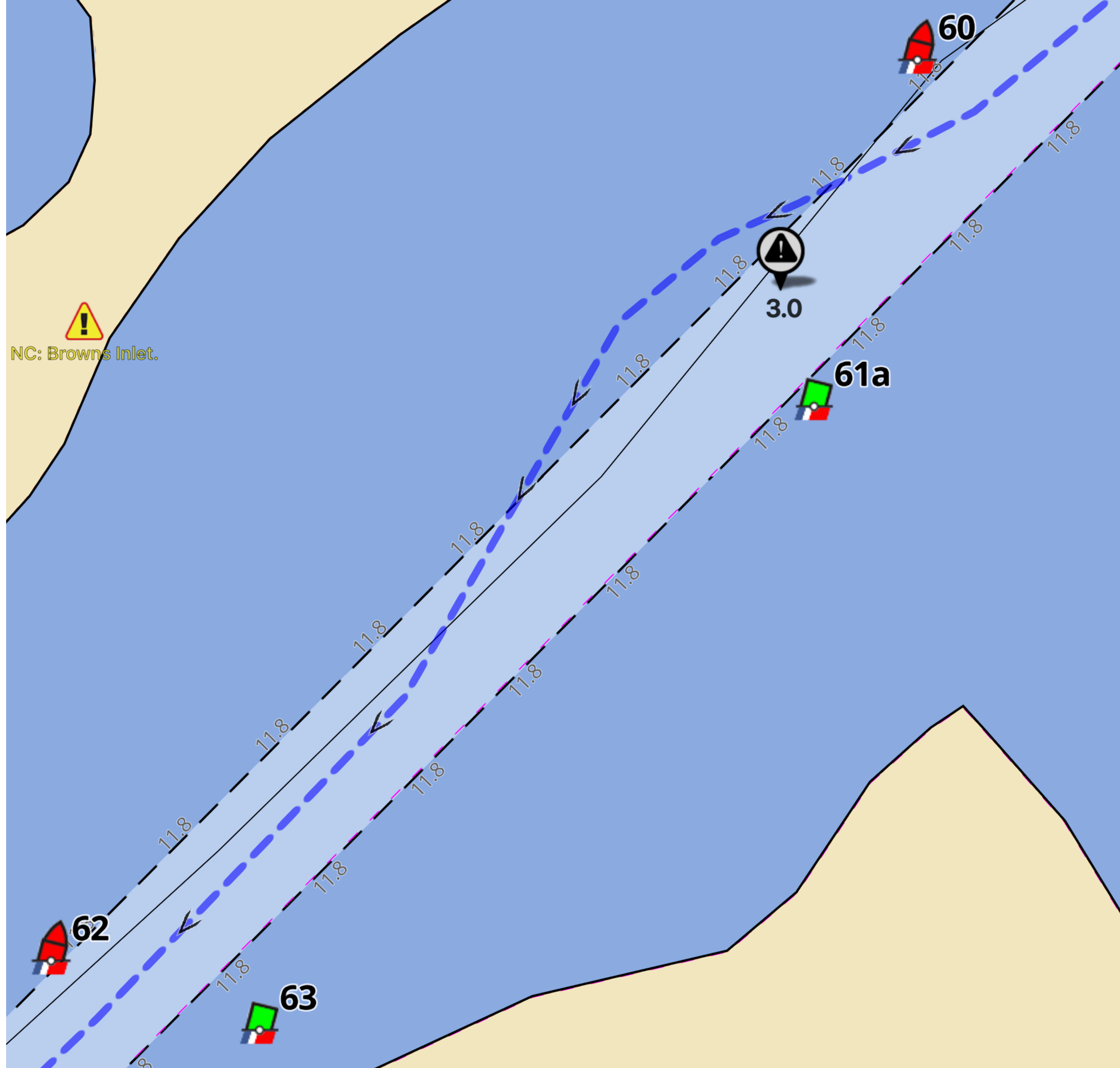
2/10/2024



# 3.0 MLLW

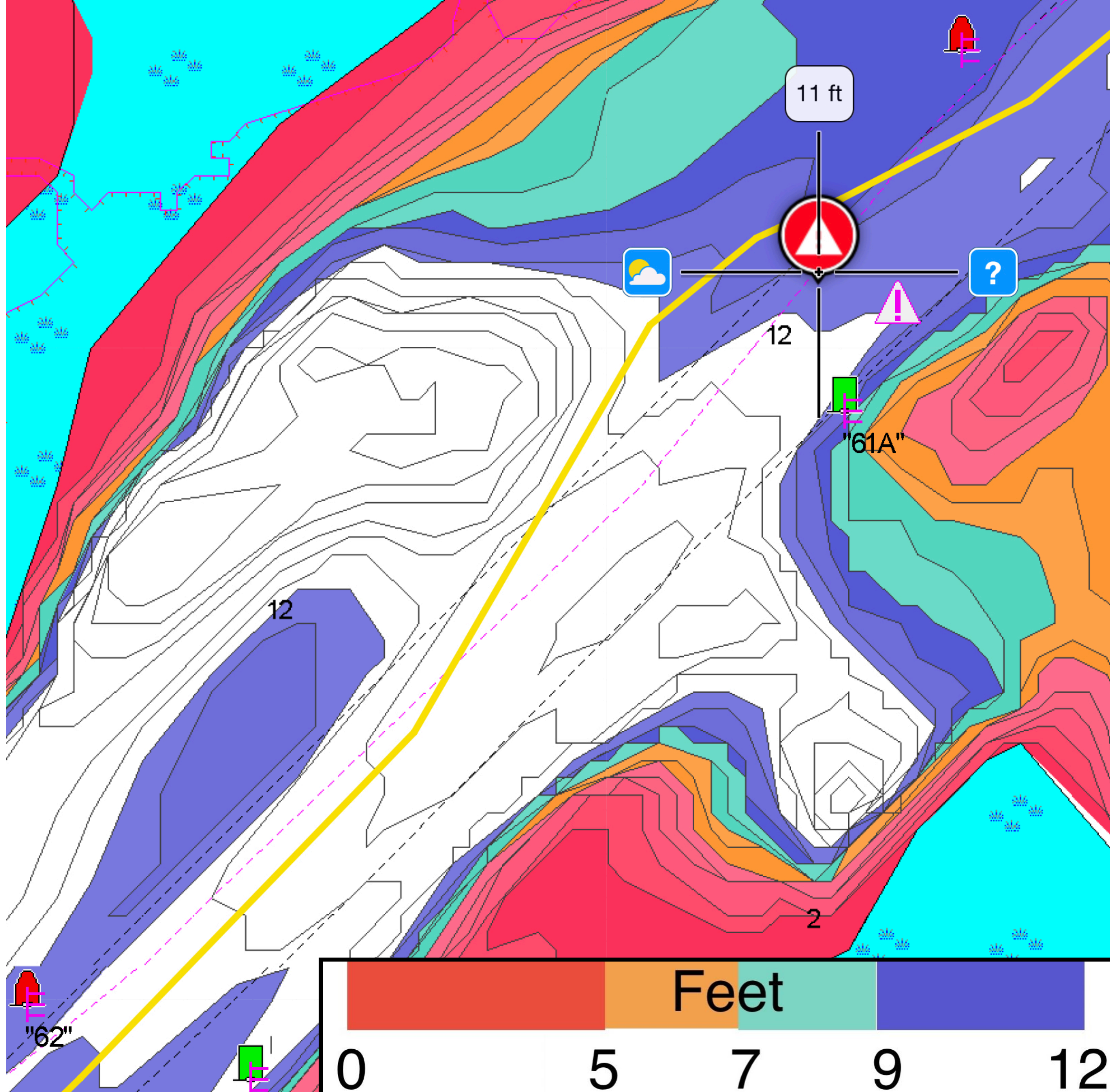
## Why use Aqua Map, why not Navionics or Garmin?

- Look at Browns Inlet on the ICW
- USACE survey of 8/7/2023 as shown in Aqua Map.
- 8 powerboats were known to have plowed through here, requiring prop repairs ~ \$2500 minimum
- Buoys did not direct boaters away from shoal (actually, did the opposite, just look at G61A)
- Only Aqua Map with USACE surveys showed the shoal (not Navionics, not Garmin chartplotters)



## How about NOAA charts?

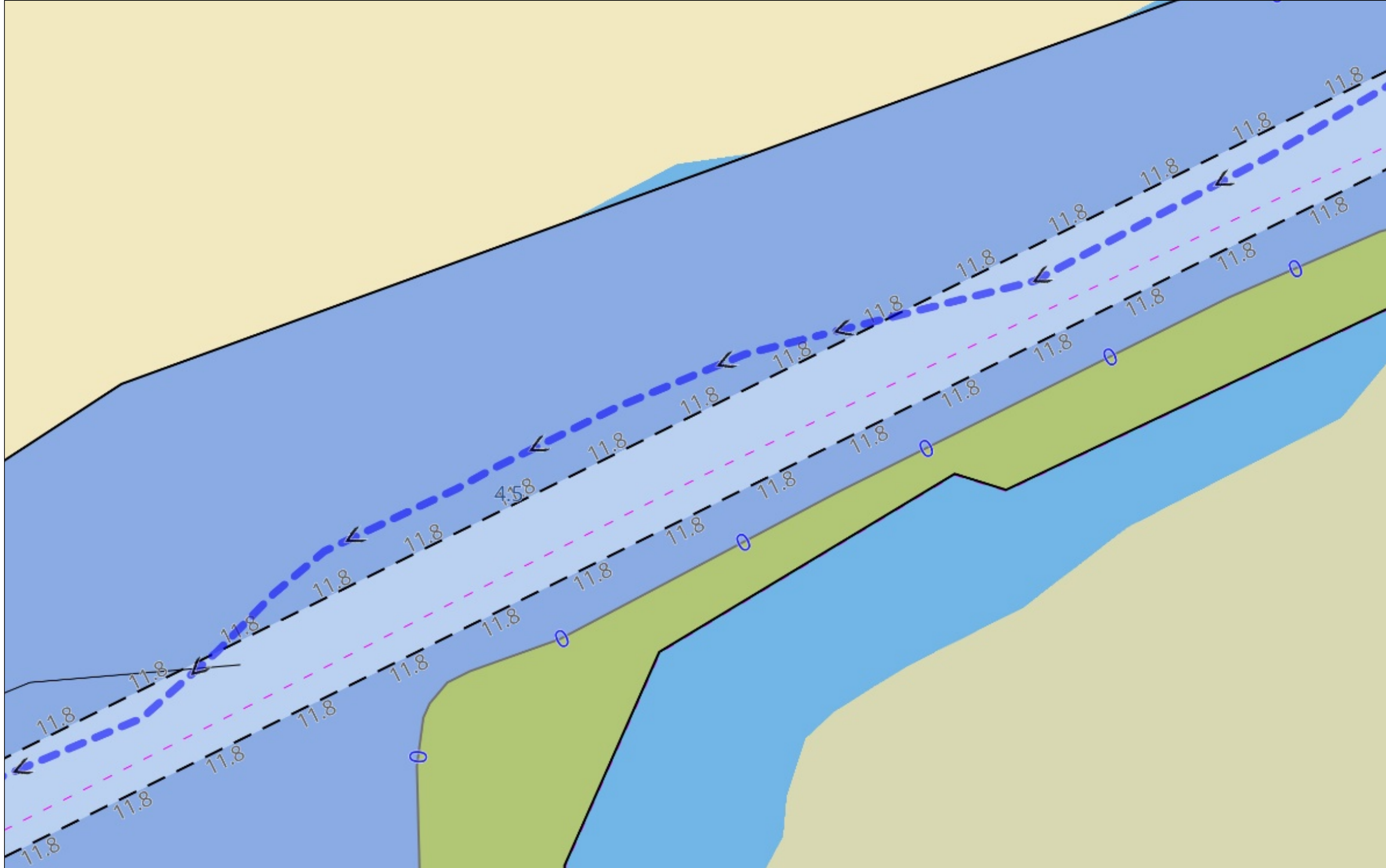
- Let's look at the NOAA chart but with the 3.0 MLLW spot marked
- Note that neither the NOAA chart nor the ATONs direct you away from the shoal area



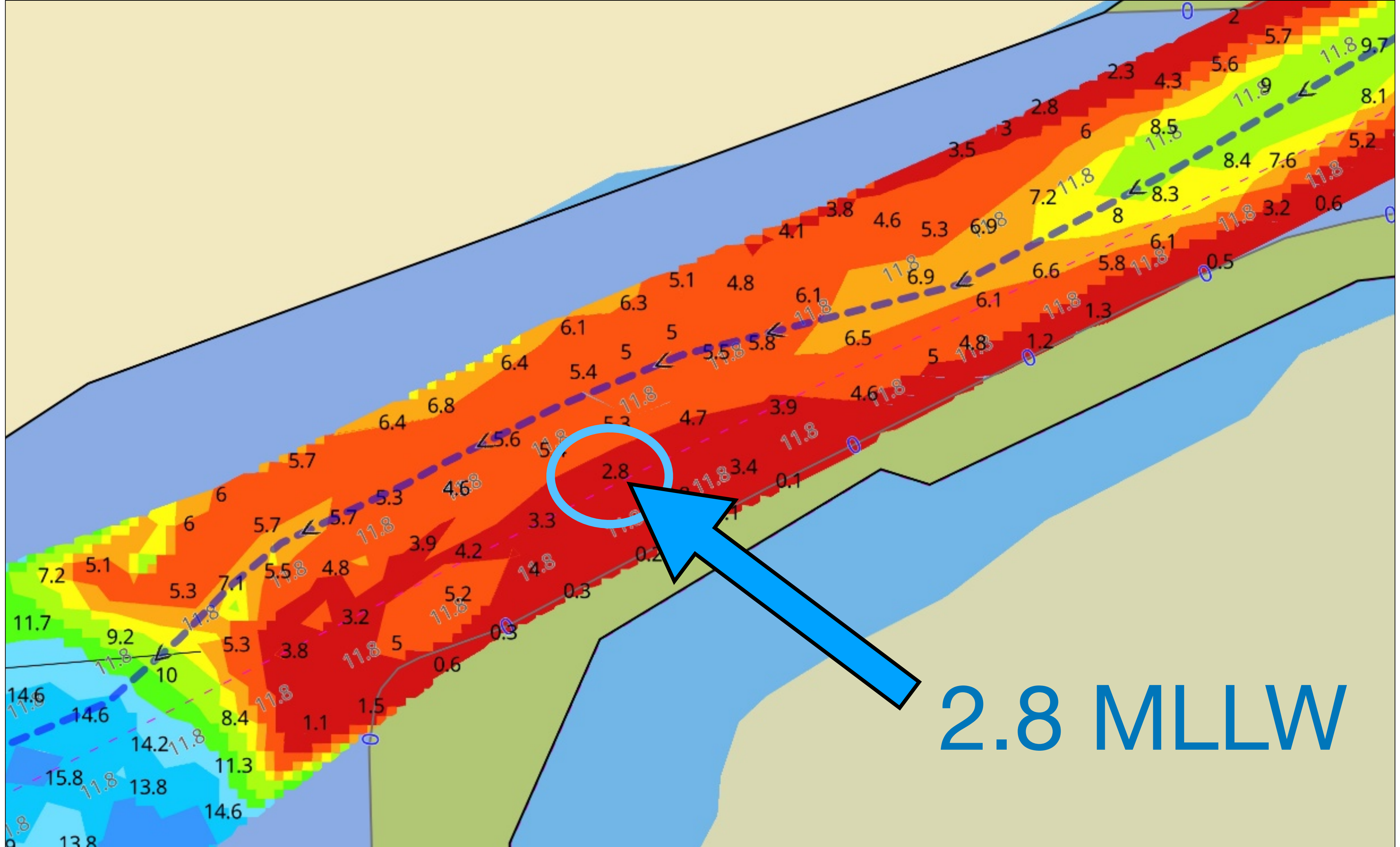
## Navionics SonarChart of Browns Inlet

- Fishing Ranges option used to color code depths
- SonarChart updated as of 9/16/2023 (time of 8 powerboat groundings)
- The marker shows the 3.0 MLLW spot
- SonarChart shows 11 MLLW

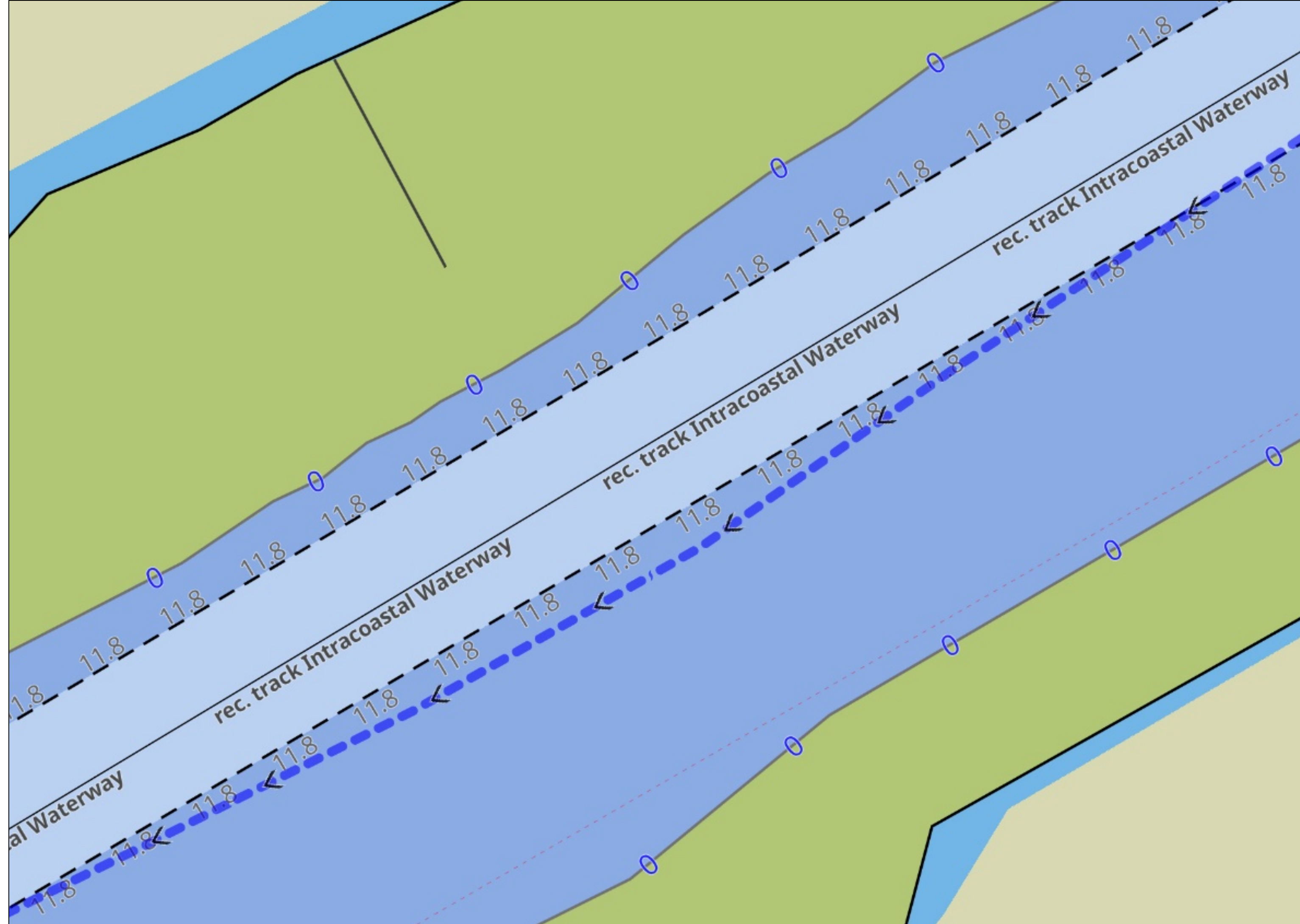
**SonarChart does not respond to rapidly shoaling areas**



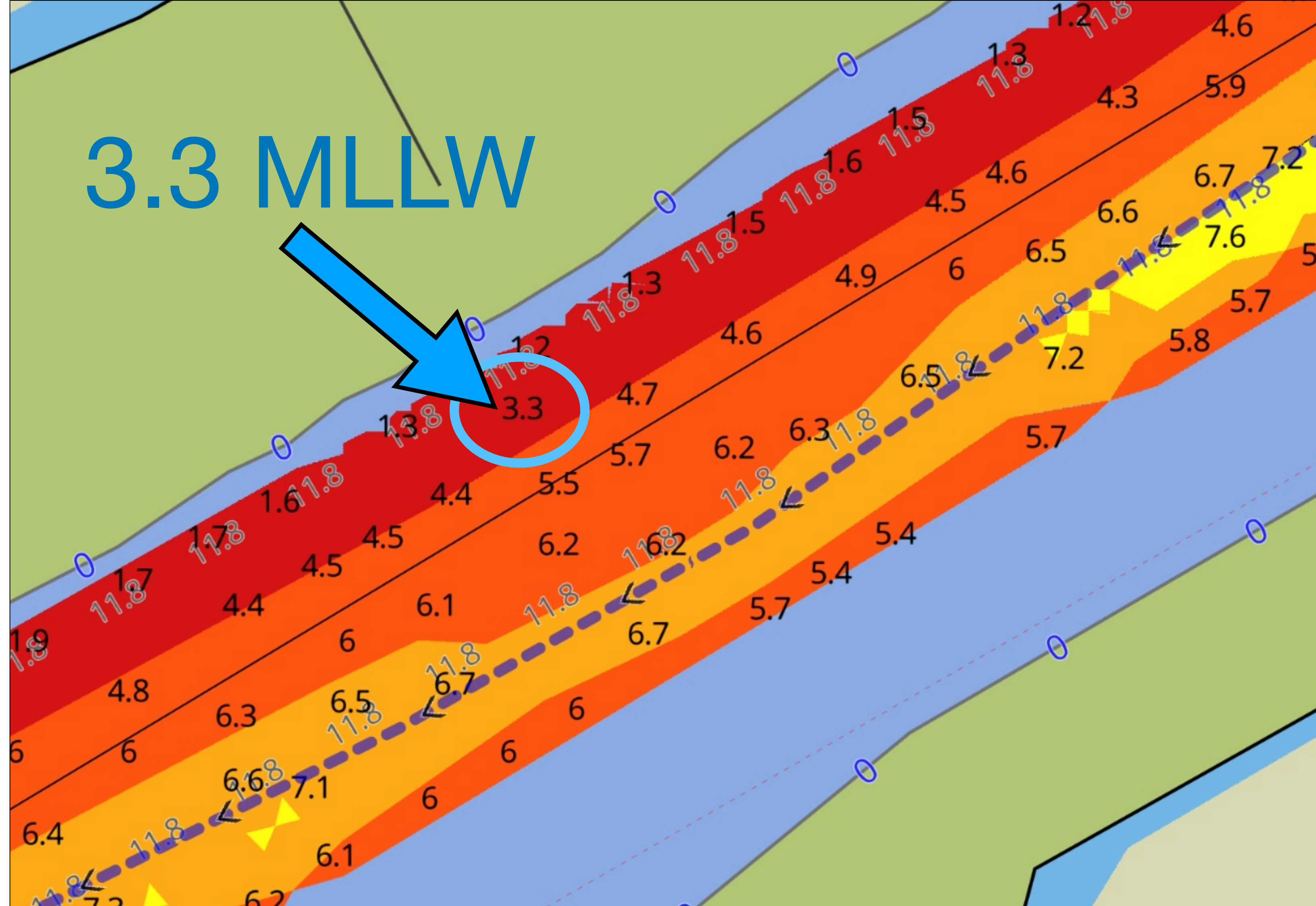
- Isle of Palms, SC at MM 460 as shown on NOAA charts
- Bob423 track for deepest water is the blue dotted line



- The Army Corps of Engineers (USACE) survey as only shown in Aqua Map app
- **Which chart would you want to see as you approach this shoal area?**



- McClellanville, SC at MM 431 as shown on NOAA charts



- USACE survey as shown in Aqua Map with the Bob423 track as the blue dotted line
- **Which chart would you want to see as you approach this shoal area?**




## Aqua Map Features Beyond USACE Surveys

- Aqua Map updates their charts weekly from the weekly NOAA updates, you're never out of date.
- ATONs and LNM announcements are updated weekly, accessible through Aqua Map.
- Activate a track to get ETAs to bridges and marinas automatically.
- Anchor watch with link to iPhone that shows iPad screen on boat
- NOAA's most advanced models, HRRR wind, currents, and waves overlays on chart
- Waterway Guide and Active Captain icons
- Tides and Currents
- Creation, importing, and exporting of routes and tracks
- Auto syncing of Bob423 tracks for the ICW
- Auto upload of Aqua Map tracks to NOAA's Crowd Sourced Bathymetry

**All features cannot be covered in one seminar - but we'll hit the highlights and get you going!**

## Let's get started: Which Device to Use?

- I've used Aqua Map on iPhone, Android phone, Android tablet, and iPad - they all work
- Android devices all have GPS, only the cellular models of Apple devices have GPS.
- Apple cellular devices have a known problem with GPS "cutting out" at slow speeds. A Bluetooth GPS or WiFi gateway with GPS solves the problem.
- Devices I've tested that work well with Aqua Map
  - All models of iPads and iPhones with Bluetooth GPS
  - Samsung Tab A 10.1 tablet
  - Samsung J3 Orbit phone



Apple iPad (9th Generation): with A13 Bionic chip, 10.2-inch Retina Display, 64GB, Wi-Fi, 12MP front/8MP Back Camera, Touch ID, All-Day Battery Life – Silver

Visit the Apple Store  
4.8 ★★★★★ 58,585 ratings  
| Search this page

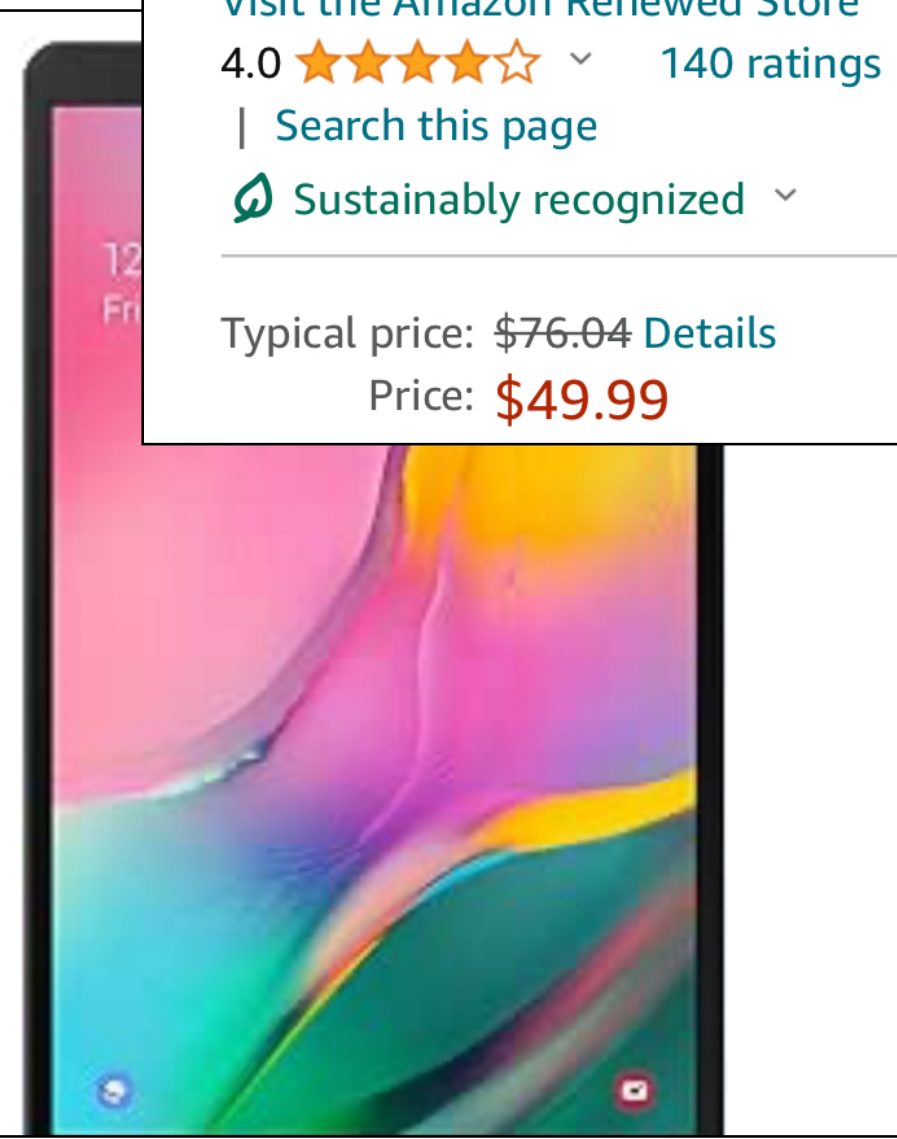
Amazon's Choice  
in Computer Tablets by Apple  
Sustainably recognized  
10K+ bought in past month

-24% \$249<sup>00</sup>

List Price: \$329.00

Or \$41.50 /mo (6 mo). Select from 3 plans

prime One-Day  
FREE Returns



Samsung Galaxy J3 2018 16GB Verizon Wireless (J337v CDMA) 5.5" Android 7.1 Smartphone - Black (Renewed)

Visit the Amazon Renewed Store  
4.0 ★★★★★ 140 ratings  
| Search this page

Sustainably recognized

Typical price: \$76.04 Details  
Price: \$49.99

Samsung Galaxy Tab A 10.1 32 GB Wifi Tablet Black (2019)

Visit the SAMSUNG Store  
4.7 ★★★★★ 3,611 ratings  
| Search this page

Amazon's Choice Overall Pick

\$220<sup>00</sup>

Or \$36.67 /mo (6 mo). Select from 3 plans

prime Two-Day  
FREE Returns

Pay \$220.00 \$217.93 after using



HOME

APP  
OVERVIEW

# Your next marine GPS navigation system

A full functioning chartplotter in the  
palm of your hand

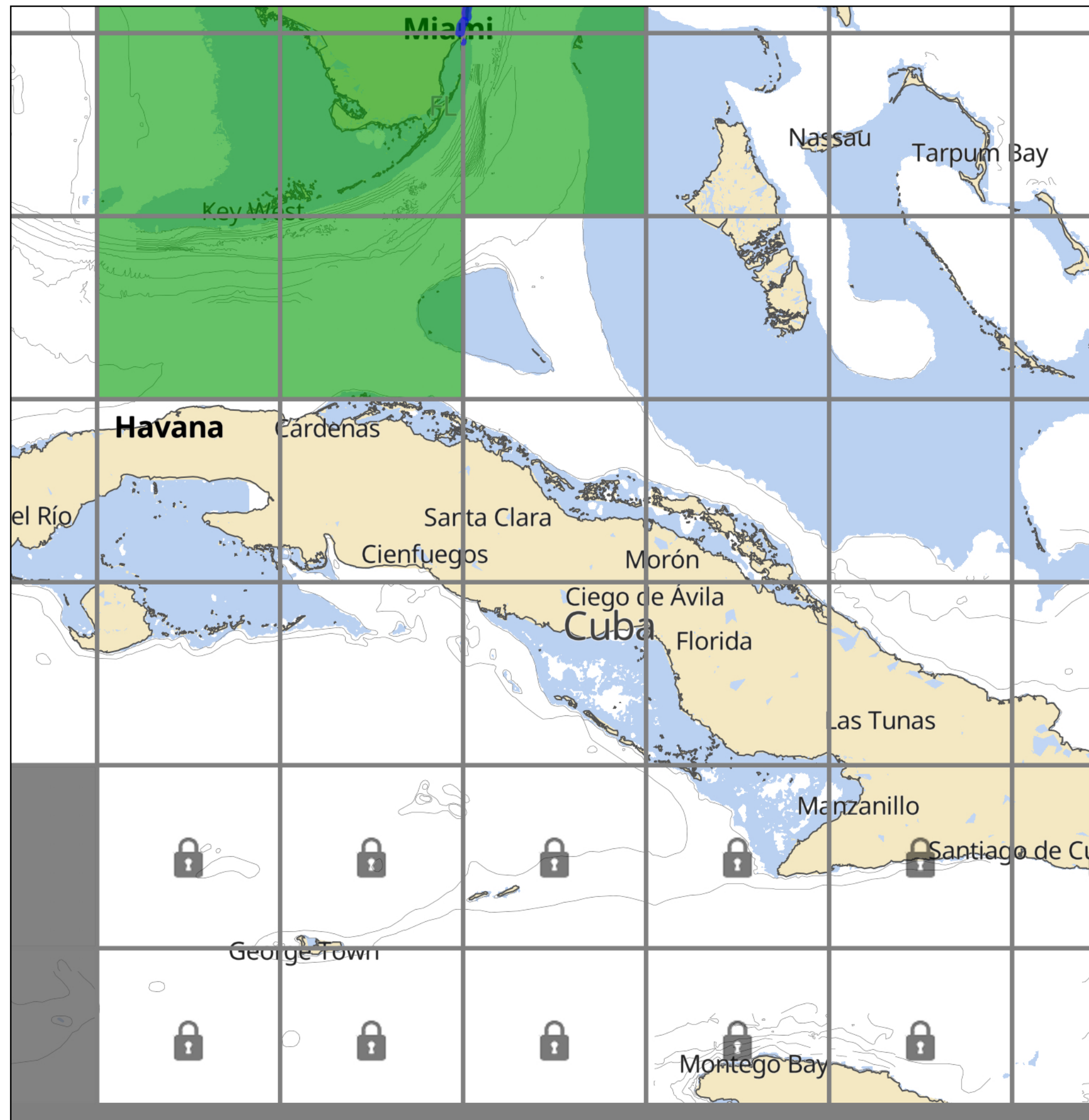
Start your 14-day free trial



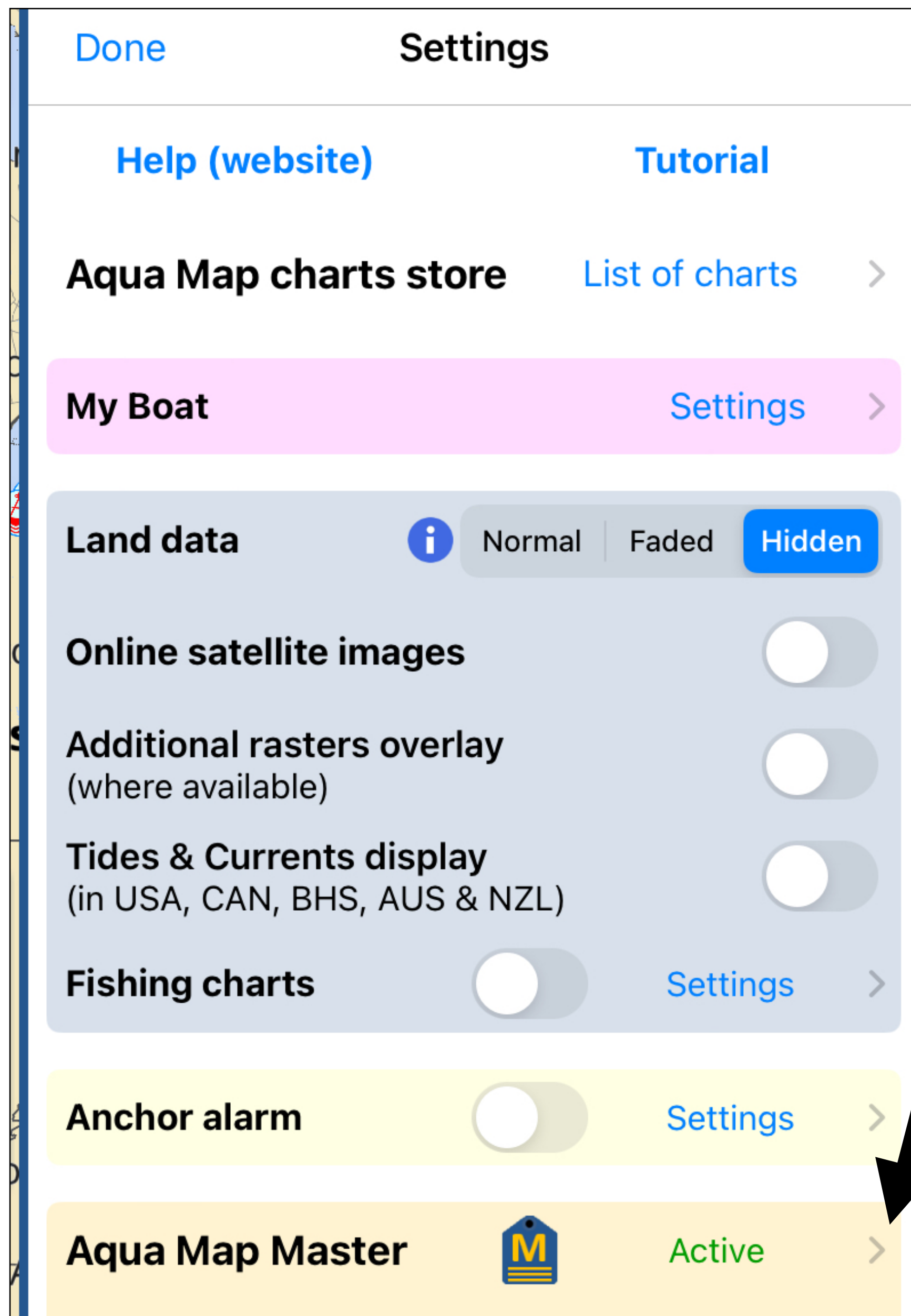
## Download Aqua Map

- For Apple devices, use the Apple Store
- For Android devices, use the Google Play site
- See the [Aqua Map](#) site for links or tap image on the left


## Purchase Charts



- Tap the button located at the bottom left of the screen. This action will open a grid displaying selectable tiles. Tap a chart tile.
- Purchase desired charts, yearly or one-time buy.
- Choose the specific chart tiles you wish to download with a tap. Selected areas will turn blue.
- Press the “Start” button to start download.
- After downloading, you can zoom-in and see chart detail.



## Purchase Aqua Map Master subscription

- Tap on  to bring up **Settings**
- Tap on Aqua Map Master and enroll
  - **USACE surveys, updated weekly.**
  - Route Explorer for auto ETAs to bridges, marinas, and anchorages.
  - Marine HRRR forecasts.
  - Coast Guard ATON and LNM updates.
  - AIS and NMEA connections with gateway
  - Anchor Link (send iPad screen to iPhone!)

**You now have a fully functional chartplotter for the shallows of the ICW!**

Tap so Aqua Map follows boat  
Record a track

If you're connected to NMEA, depth, wind speed and direction will be displayed along the edge

Find routes, tracks, markers, tide stations, MM and more

Take a photo tied to GPS location

Ruler

Weather forecasts of wind, waves, and currents

GPS signal strength

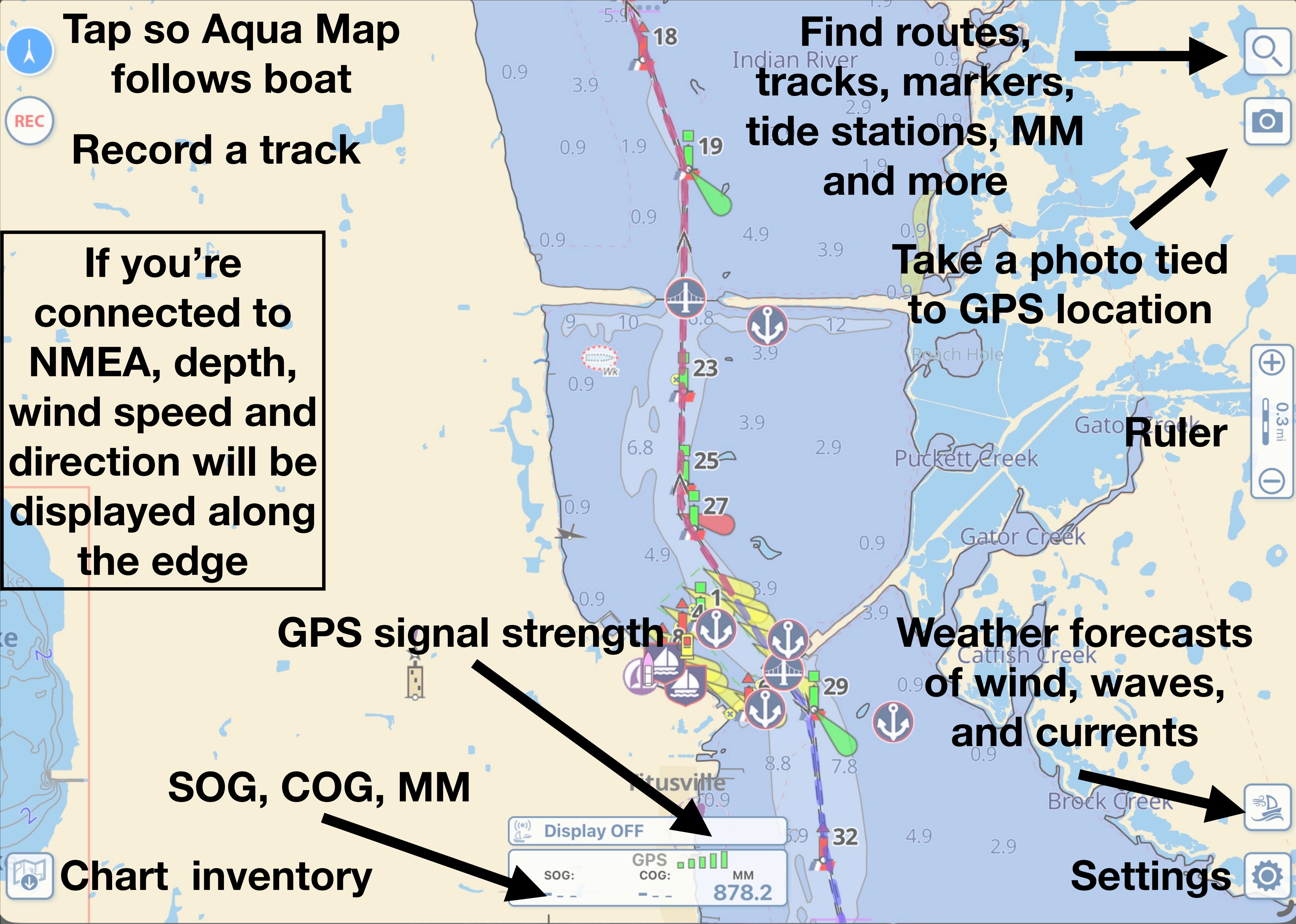
SOG, COG, MM

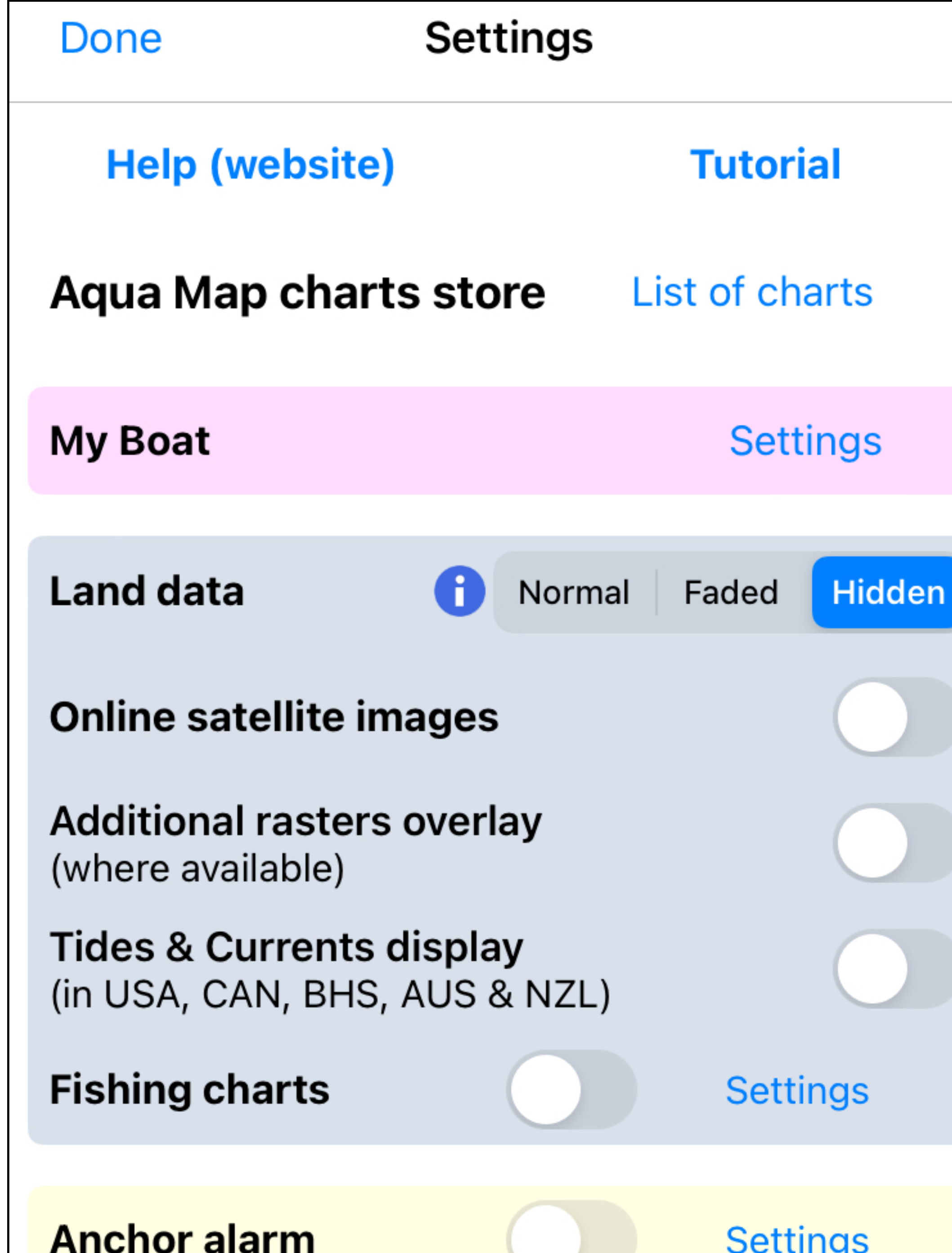
Chart inventory

Settings

### Aqua Map Home Screen









What do all those icons along the edge mean?






## Let's Choose Our Settings

- There are Help and Tutorials available with a tap.
- **Aqua Map charts store.** You may purchase more charts, especially Bahama Explorer charts in both raster and digital versions.
- **My Boat** allows you to set your boat name for sharing along with fuel consumption and speed for route planning.
- **Land data** can be set to “**Normal**” to show roads
- You can enable **Online satellite images** which places a slider on the main screen.
- **Additional raster overlays** for showing Bahamas Explorer charts in both raster and digital formats.
- **Tides & Currents display** can be turned on or off, useful for a less cluttered display if not needed.
- **Fishing charts** are for specialized areas.
- **Anchor Alarm** with many options in settings.

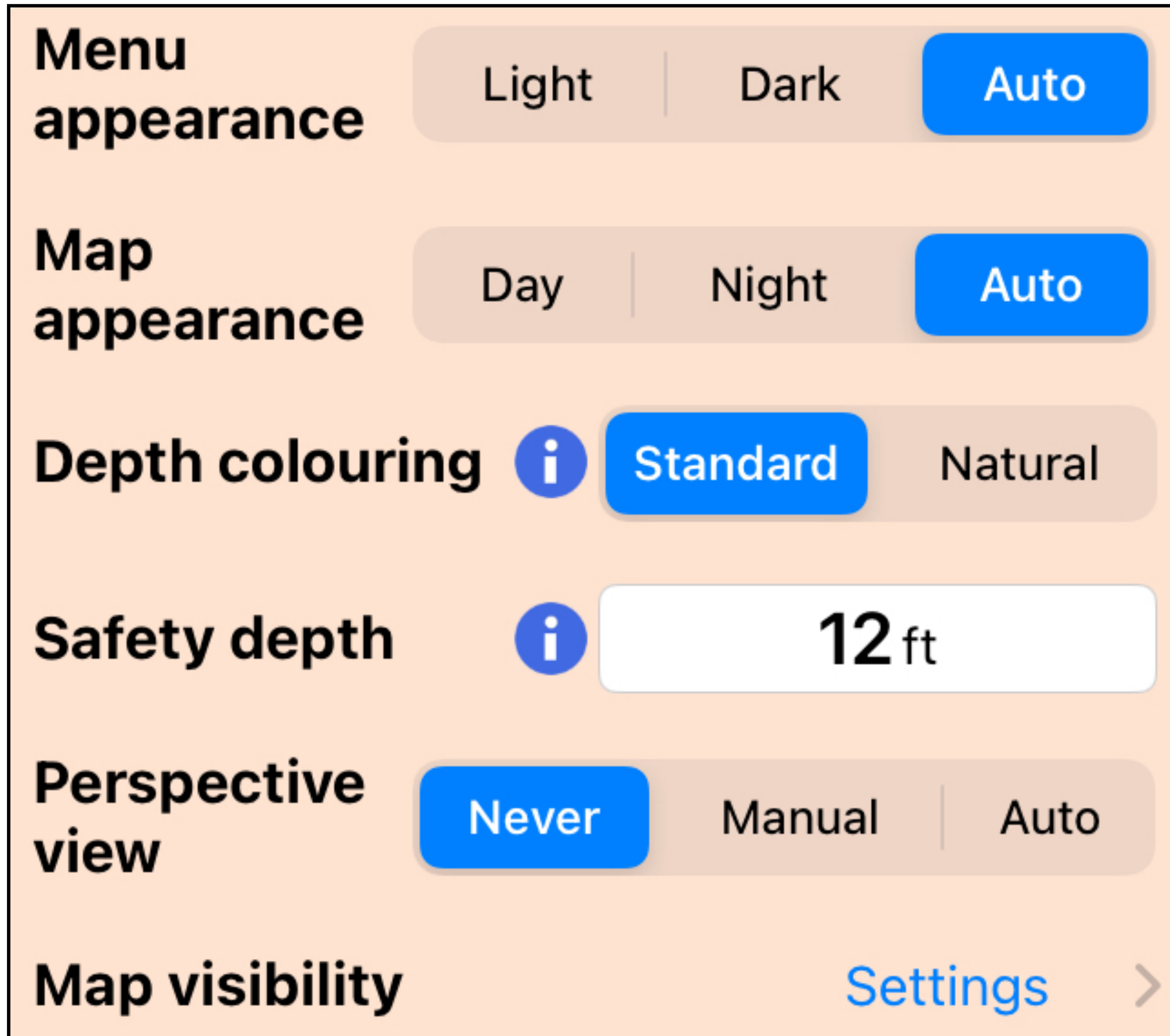
<b>Aqua Map Master</b>		Active	>
<b>Marine forecasts</b>		Settings	>
<b>Weather buoys display</b>			
<b>Route Explorer</b>		Settings	>
<b>AIS</b>		Settings	>
<b>Wi-Fi connections</b>		Settings	>
Local data			
<b>USACE surveys</b>		Settings	>
<b>Coast Guard data</b>		Settings	>

- **Aqua Map Master** enrollment.
- **Marine Forecasts** can be enabled with options on how to display forecast overlays.
- **Weather buoys display** shows NOAA buoys with real-time wind speed and wave heights.
- **Route Explorer** with many option on display of Explorer info including cheapest fuel on a route.
- **AIS** displays locations of ships with AIS if you have a receiver installed.
- **Wi-Fi connections** interfaces to a WiFi gateway if installed, with options on what to display.
- **USACE surveys** can be selected with options on age of surveys to be shown and fading of older surveys if desired.
- **Coast Guard data** shows LNM listings of all ATONs including damaged or off-station buoys.



<b>GEC Account</b>		Access >
<b>Live Sharing</b>	<input type="checkbox"/>	Settings >
<b>ActiveCaptain</b>	<input type="checkbox"/>	Settings >
<b>Waterway Guide</b>	<input checked="" type="checkbox"/>	Settings >
<b>Crowdsourced bathymetry</b>		Settings

- **GEC Account** sign-up allows you to share the Aqua Map app across five devices. All tracks, routes, and markers saved in any of your devices are available to all devices
- **Live Sharing** allows you to share your location with everyone or just friends. Great for a flotilla.
- **Waterway Guide** icons with options for icon size and labels.
- **Active Captain** icons with the same options.
- **Crowdsourced bathymetry** sends your location to NOAA's Bathymetry database but only if you allow it in Settings.



- **Menu appearance** selects **Light** (normal) or a **dark** view.
- **Map appearance** can be set to **Day** or **Night** to save night vision.
- **Depth colouring** gives you a choice of chart colors. Pick the one you like.
- **Safety Depth** sets the depth the chart shows a blue background instead of white. Blue indicates shallower water.
- **Perspective view** allows a chart view as if you were hovering overhead and looking forward.
- **Map visibility** is a collection of 16 options affecting the display of items on the chart. Adjust to your liking.

**Distance unit**

NM/ft

NM/m

km/m

**mi/ft**

**Depth/Elevation unit**



**ft**

m

**Temperature unit**

**°F**

°C

**Fuel unit**

**G**

l

**Coordinates format**

**DMS.s**

DM.m

**Degrees (T or M)**

True

**Magn.**

- **Distance units**, nautical miles, meters, feet, or statute miles.
- **Depth/Elevation unit**, feet or meters.
- **Temperature unit**, Fahrenheit or Celsius.
- **Fuel unit**, gallons or liters.
- **Coordinates format**
  - 30° MM' SS.SS"
  - 30° MM.MMMM'
- **Degrees (T or M)** for true or magnetic.

**Automatic updates**

Settings >

**Downloaded maps: 2 GB**

RESET

**Allow iOS to delete maps in case of low available space**



**Sound effects**



**UI animation effects**



**Buttons Auto-Hide**



**Disable Auto-Lock (the device will never Lock)**



- **Automatic updates** can be set to
  - Never
  - WiFi only
  - Always (WiFi or cellular)
- **Downloaded maps:** shows storage used by charts.
- **Allow iOS to delete maps in case of low available space** if your device is low on memory.
- **Sound effects** for chart actions.
- **UI animation effects** for chart actions.
- **Buttons Auto-Hide** allows buttons to fade out for more chart area to be shown while navigating.
- **Disable Auto-Lock (the device will never lock)**, the screen stays on.

## Restore purchases

Disclaimer and Acknowledgement

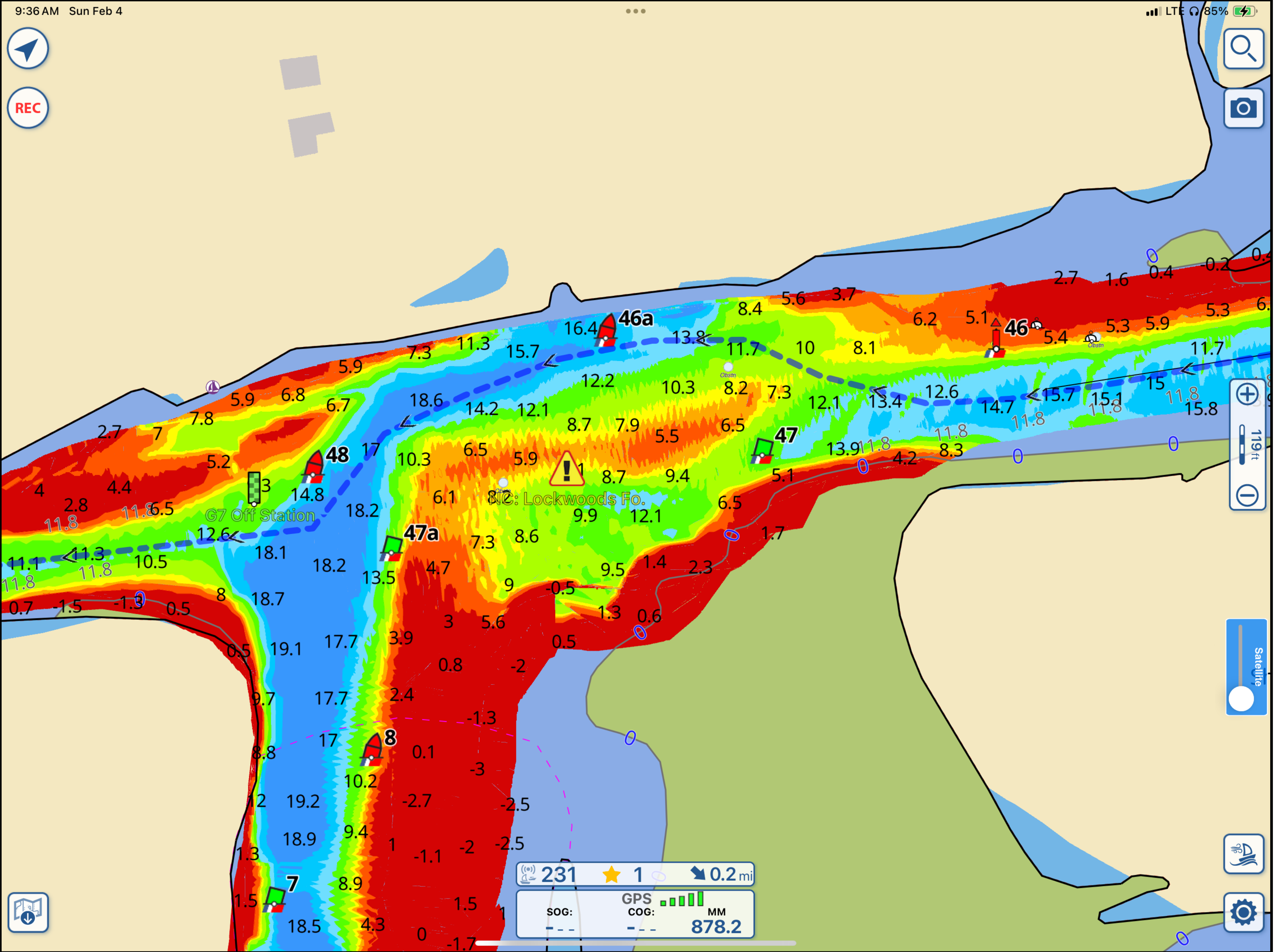
Terms and conditions

Privacy Policy

Aqua Map - Mobile chartplotter 37.2 (Build 149) - Copyright (c) 2013-2023 GEC srl. All rights reserved.



- **Restore purchases** in case of a purchase problem.
- **Disclaimer and Acknowledgements** etc.
- Aqua map details
  - Aqua Map version and build number.
  - **Email icon** with a tap is used to tell Aqua Map of a problem. It's good to use because it automatically attaches app status and device data.

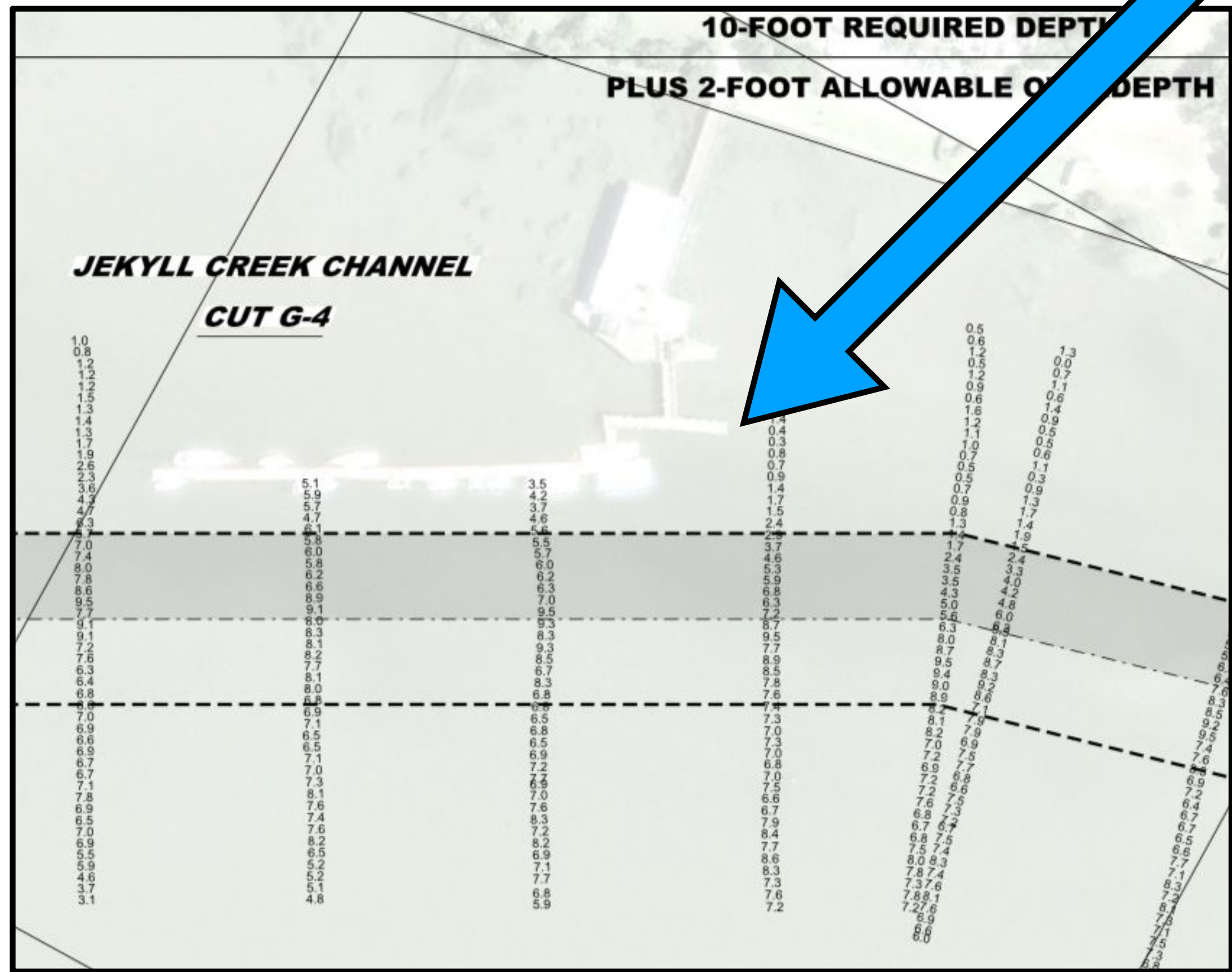
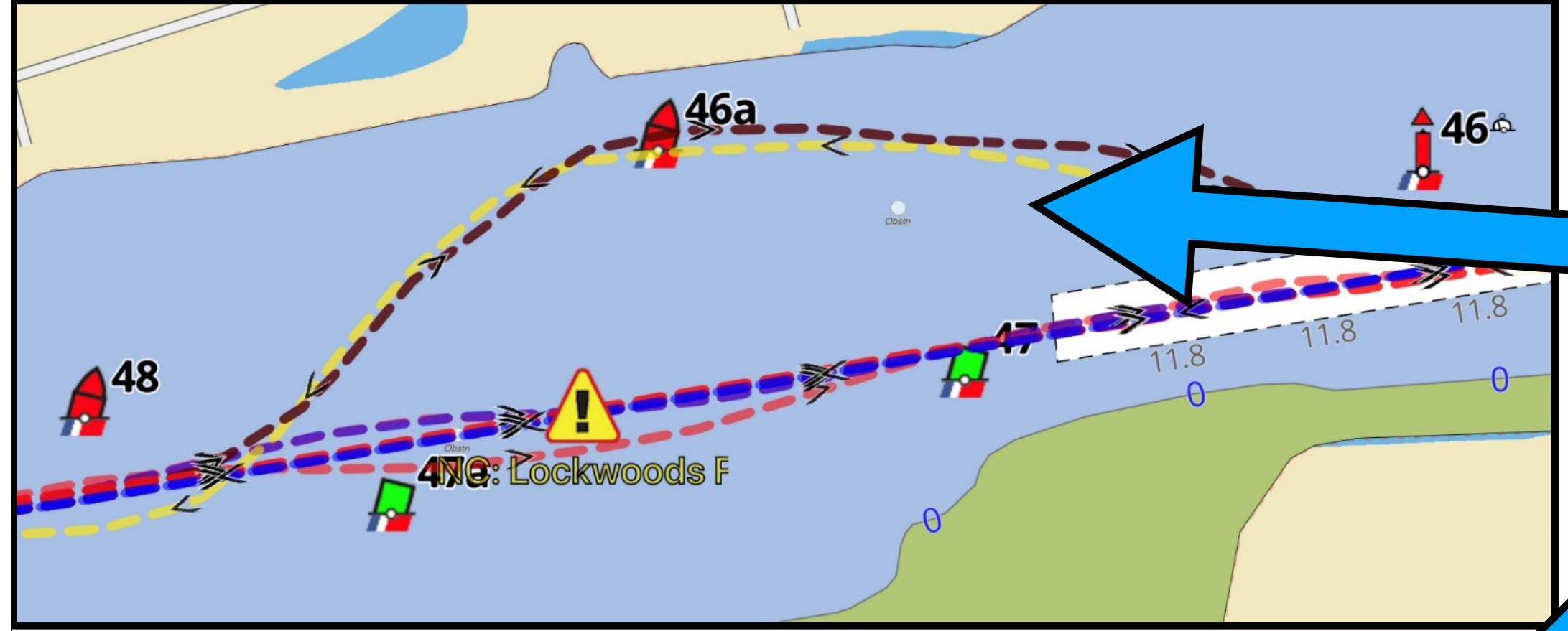


# All Set to Go

- Charts are loaded
- Aqua Map Master subscribed
- USACE surveys visible
- GPS tracking on

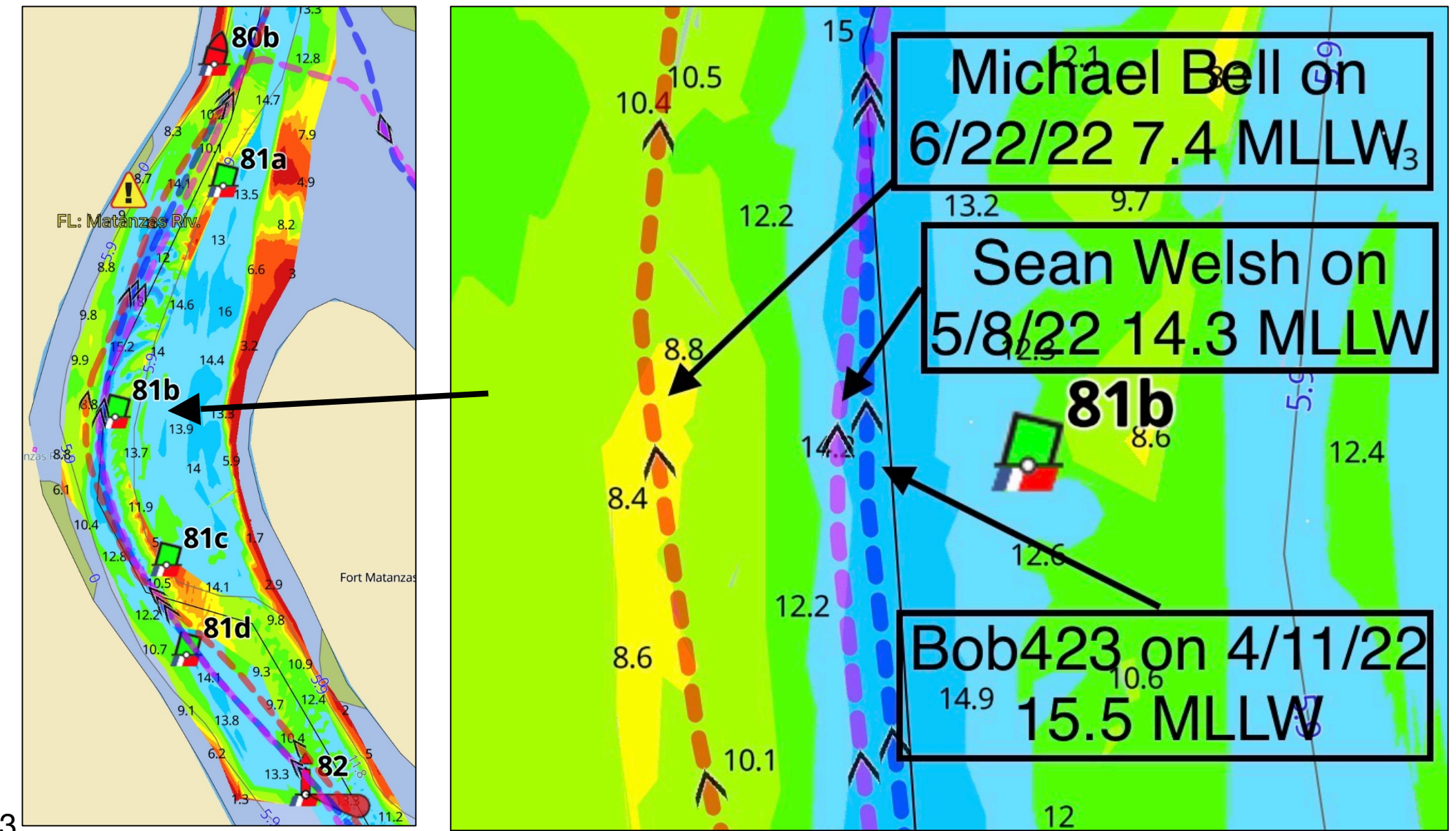
**But wait, what about Bob423 tracks?**

**(blue dotted line)**



# What are Bob423 tracks based on?

- Bob423 trips on the ICW
- USACE survey updates
- Dredging contracts. Dredging may not be down the center of the channel.
- Bob423 Surveyors send tracks with embedded depths.
- Verified shoaling from my 21,000 member ICW Cruising Guide webpage



Home	2022 ICW Cruising Guide Hyperlinks	How to Download Tracks and Routes	Waterway Guide Alerts (hazards) List	GPX Routes		
How to Record and Share Tracks	Bob423 Long Tracks	Track Splitter	Videos	Wine	Burgees	Spiral Bound Guide
USACE Requested Surveys	Aqua Map Tips	How to Sync B423 Tracks	Crowd Sourced Bathymetry	CSB to GPX Converter		
Cruising Links	Guide Updates					

## Bob423 Long Tracks

**1/31/2024 UPDATE: Bob423 Savannah to Titusville 013124 adjusted to avoid shoaling extending toward R86 (MM 796). Many other minor changes were also made to better center the track in the best water.**

I've also included a package of 18 side trips that start adjacent to the blue-dotted Bob423 ICW track and show the way to marinas and anchorages that I use. The side trip tracks are in red to avoid confusion with the blue Bob423 ICW Track. All GPX files have been tested to load properly and display with Aqua Map and Navionics. Garmin Active Captain will load the files but won't display the entire length sometimes, use Track Splitter to cut them into smaller segments for Garmin products.

**NOTE: I have not yet achieved infallibility (although it is one of my goals). The tracks are as good as I can make them but the ICW is always changing due to shoaling, dredging, barges pushing mud around (into channels), high winds pushing water out, and a number of other factors. As always, the captain takes full and sole responsibility for his vessel in using these files. Always use the latest file for a day's run.**

**Before following Bob 423 tracks, please see link: [Rules of the Road](#)**

To understand what goes into forming and updating a Bob423 track see: [Basis for Bob423 Tracks](#)

**1 - Norfolk, VA to Southport, NC, adjusted for shoaling at Mason Inlet**

[B423 Norfolk to Southport 011224](#)

**2 - Southport, NC to Savannah, GA - Loockwoods Folly now has the shore route due to shoaling in the straight through channel**

[B423 Southport to Savannah 120223](#)

**3 - Savannah, GA to Titusville, FL update to avoid shoaling at Nassau River**

[B423 Savannah to Titusville 013124](#)

**4 - Titusville, FL to Miami, FL, The ICW crossing at Jupiter Inlet has been dredged. The new track goes through the deepest section.**

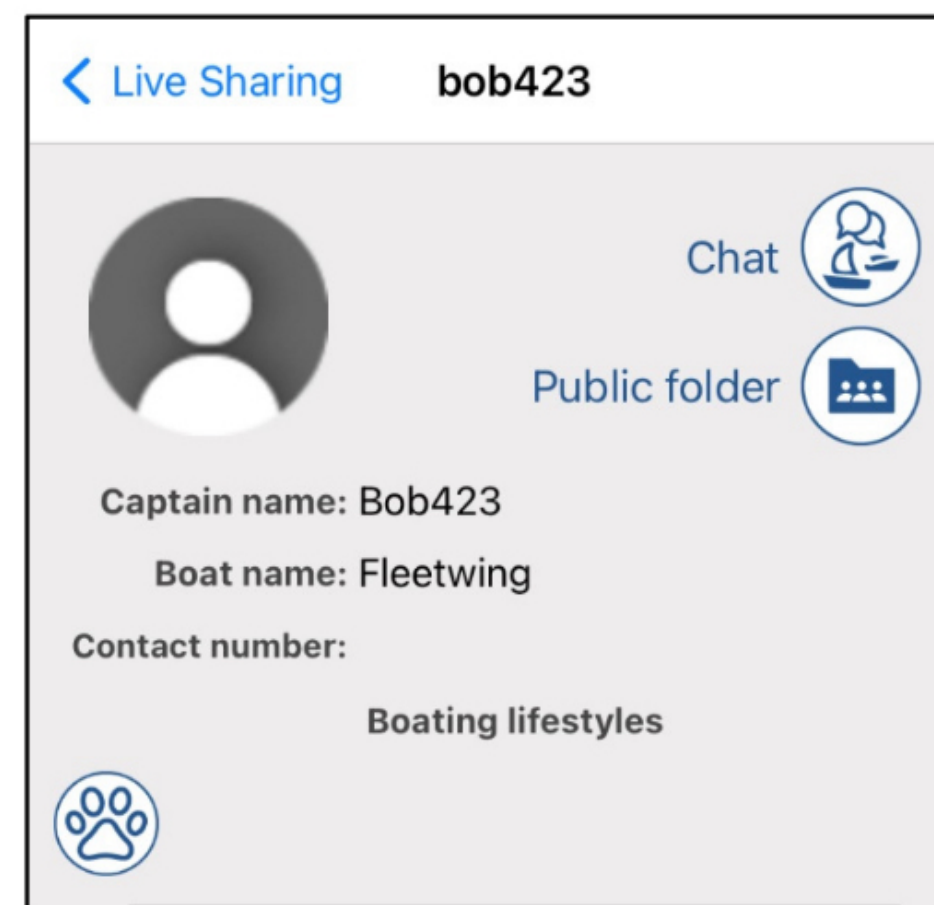
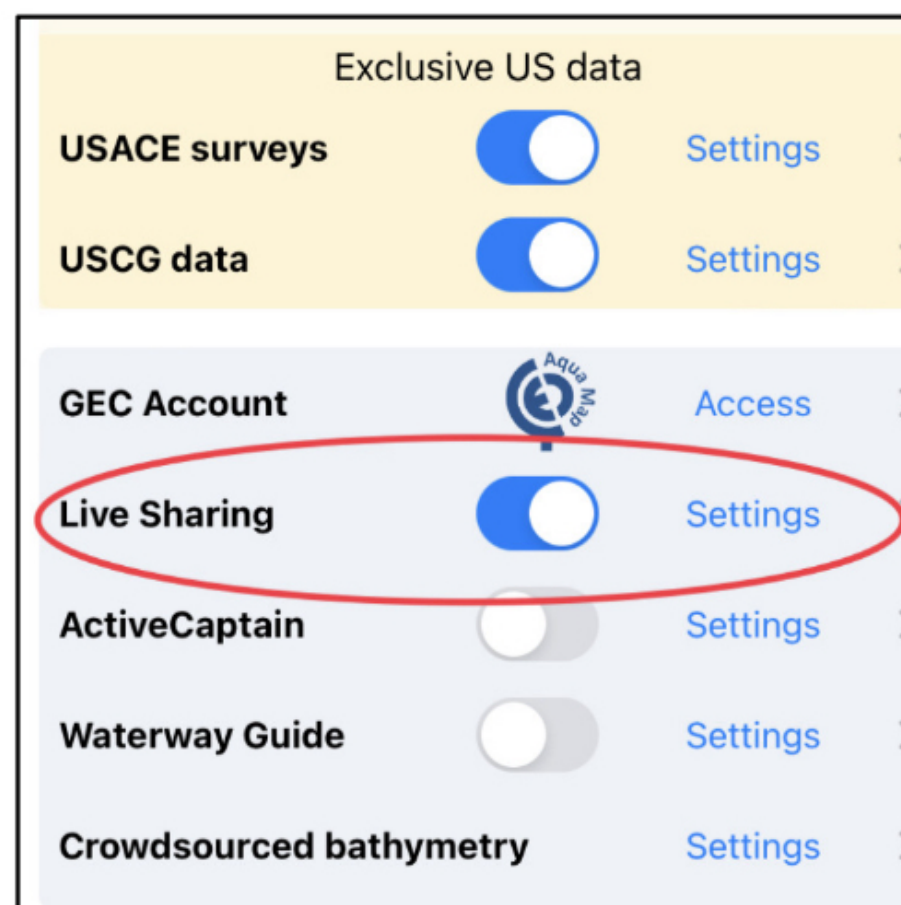
[B423 Titusville to Miami 012824](#)

## Download Bob423 Tracks

- Use Chrome browser and go to [bobicw.blogspot.com](http://bobicw.blogspot.com)
- Tap on “Bob423 Long Tracks”
- Load tracks 1 - 4 with taps, see “How to Download Tracks and Routes” for details.
- Last 6 digits is date of track, MMDDYY

**Always use the latest track!**

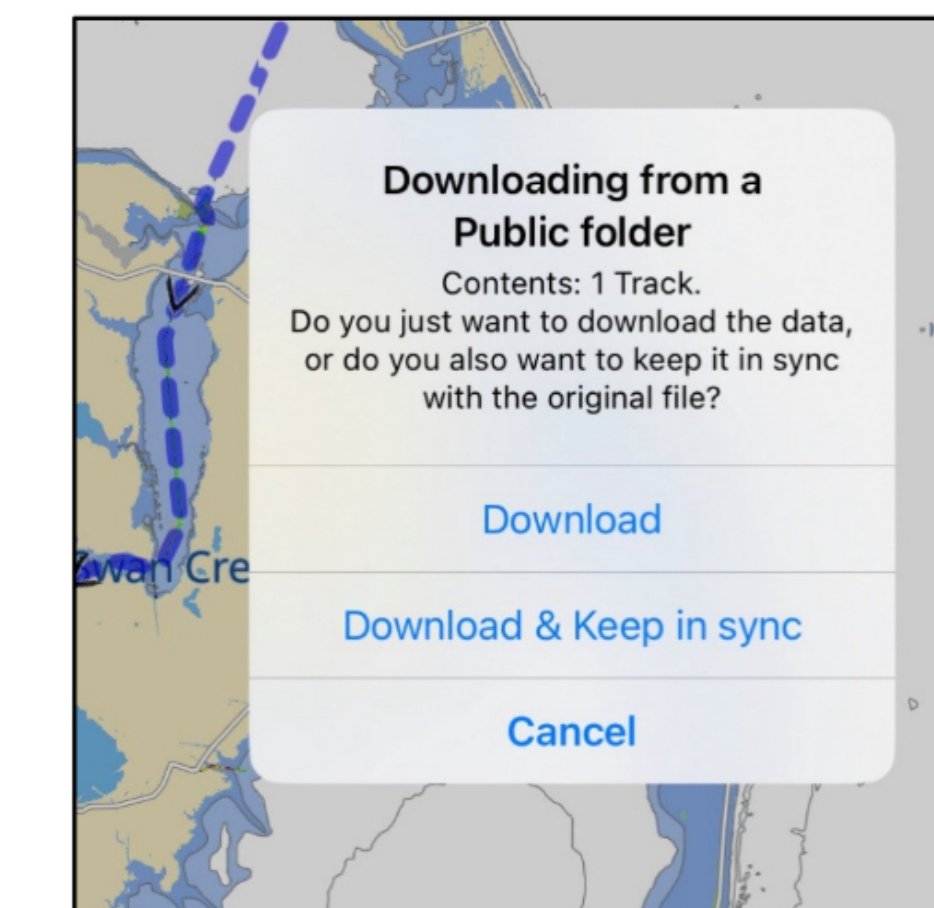
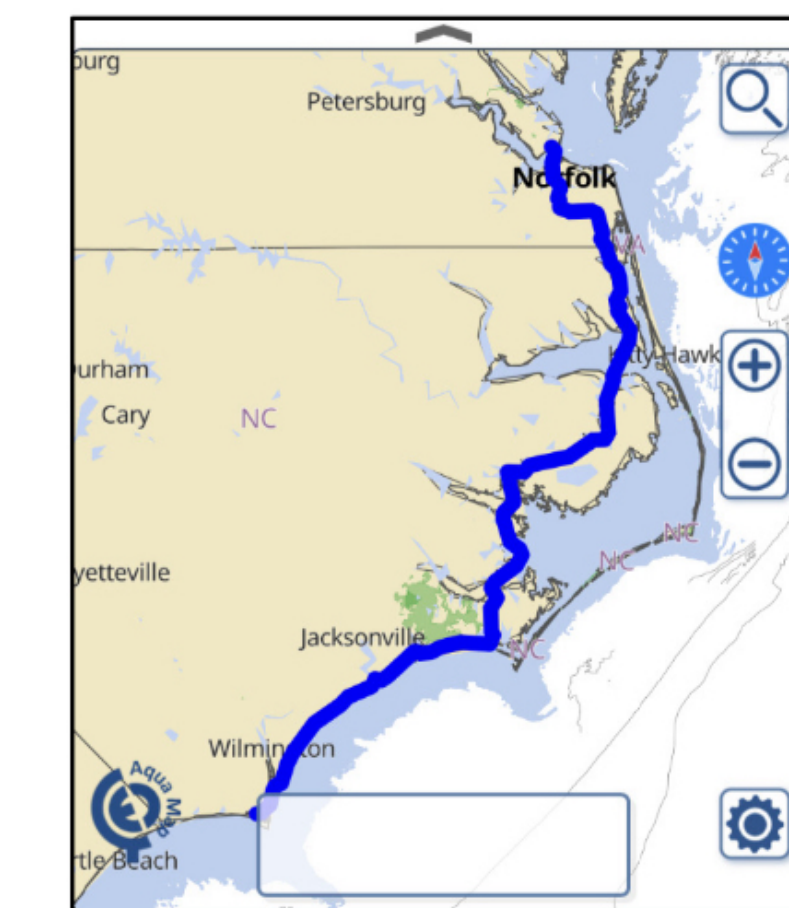
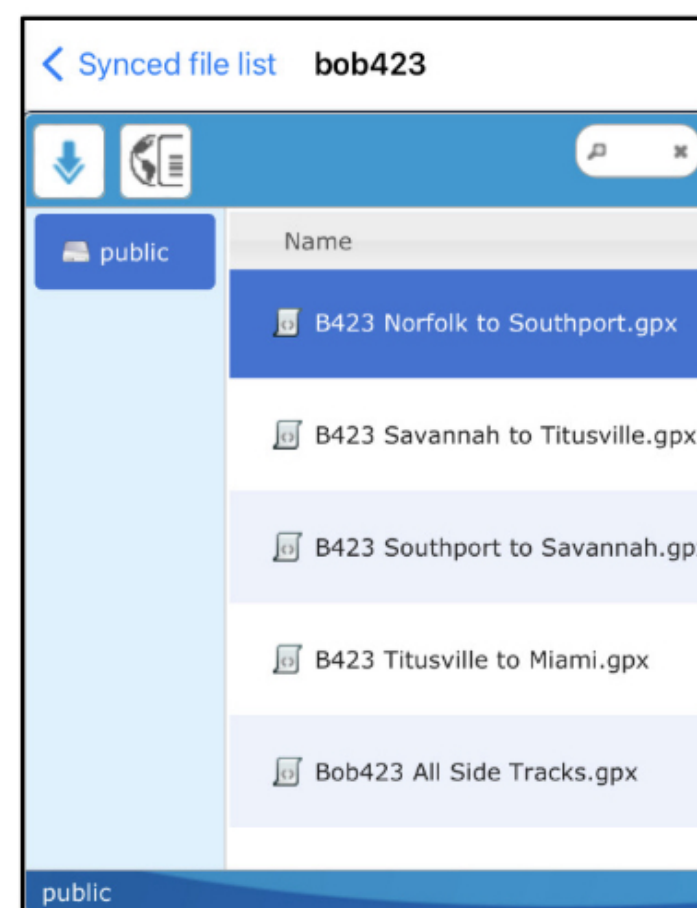




1 – Tap on Settings -> Live Sharing and turn on (dot to right), then tap on Settings at the right

2 – Search on Bob423 and tap on Fleetwing – Bob423

3 – Tap on Public folder



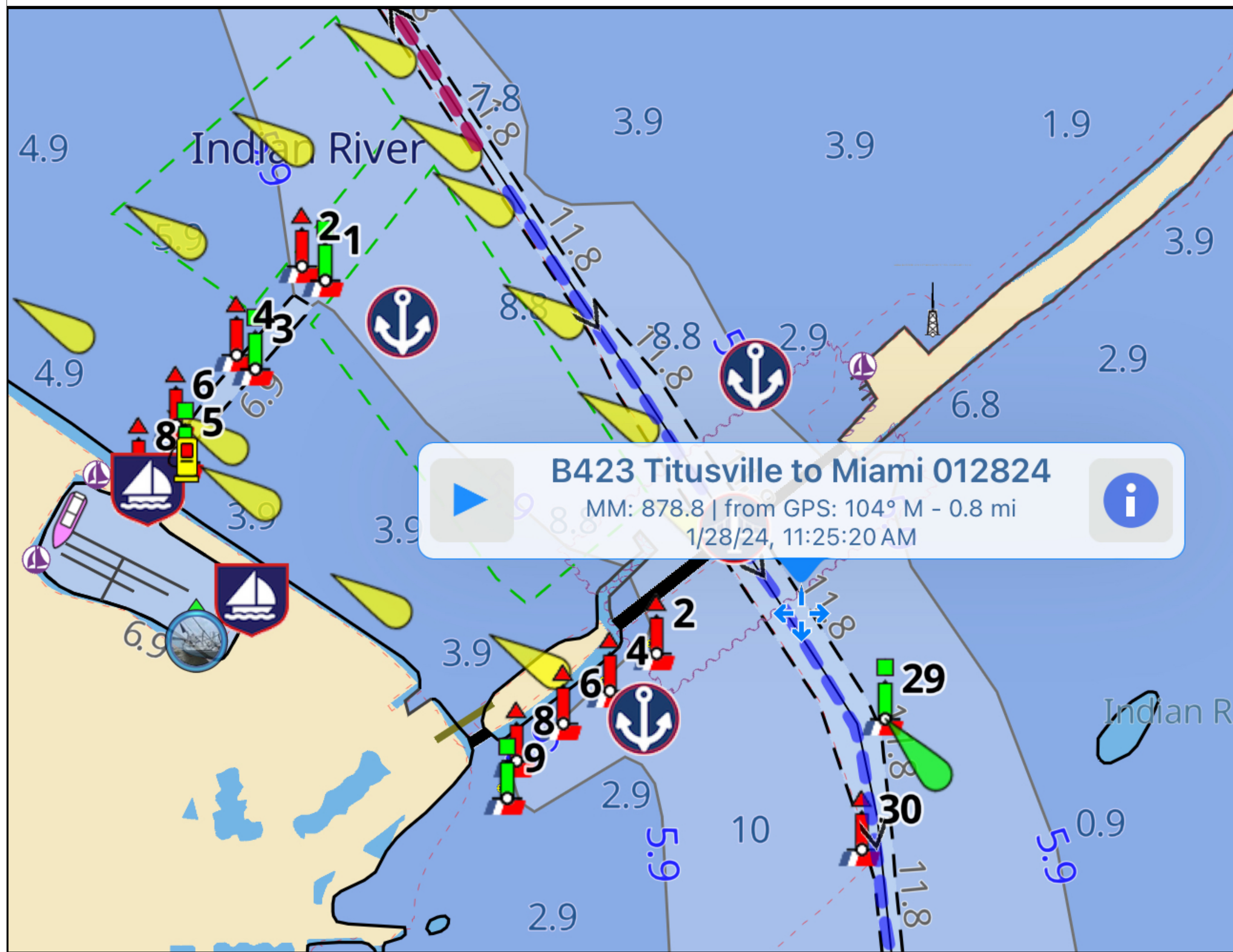
4 – Tap on the Bob423 track you want and then tap on the down arrow at top left to download

5 – When you select the Bob423 track you want, a track overview is shown at the bottom.

6 – You get the choice of either just downloading the track or download and also keep in sync when a revision is issued by Bob423

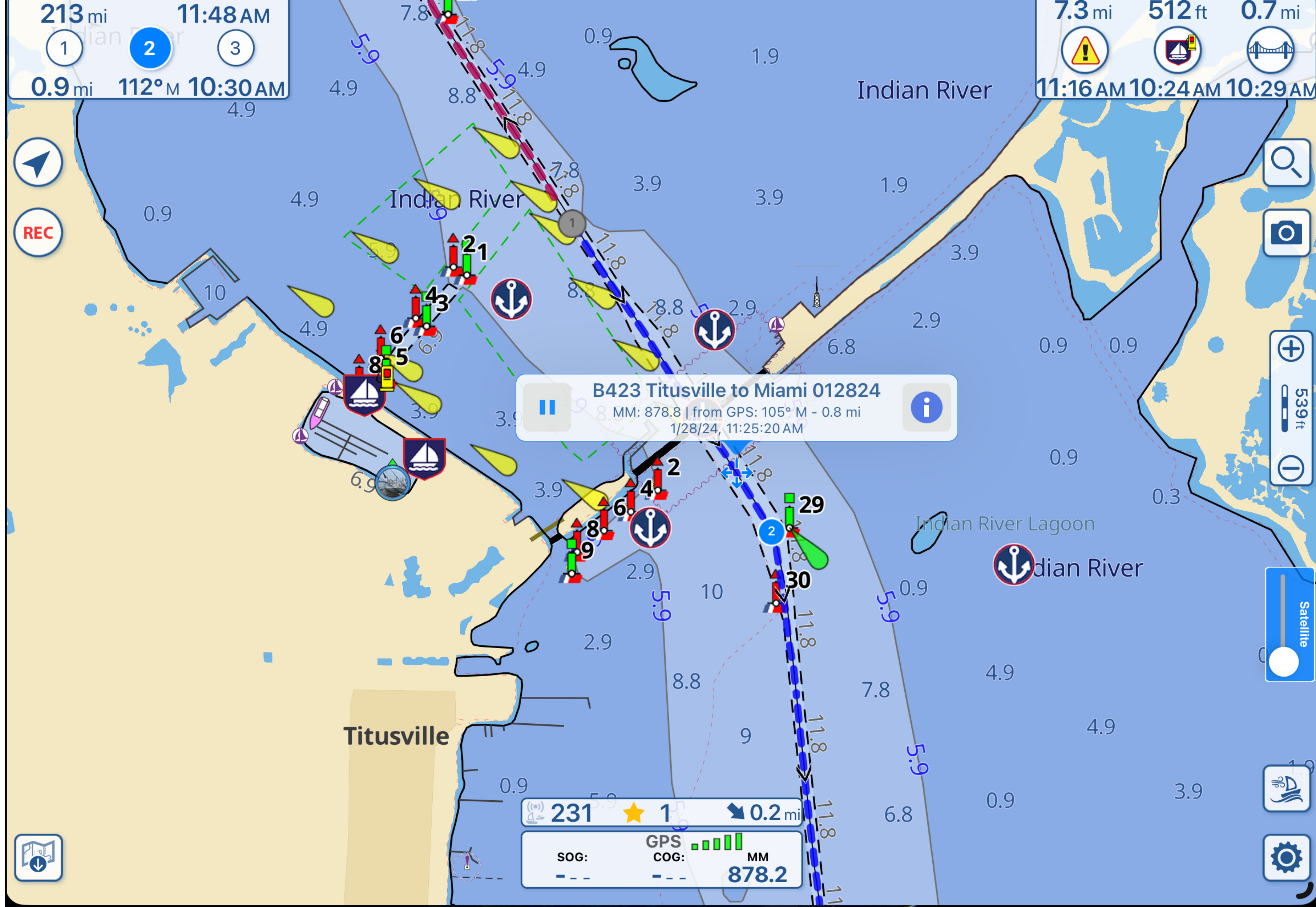
## Bob423 Auto Sync

- Updated tracks are announced on the [ICW Cruising Guide Facebook page](#).
- Once noted, the updated track can be downloaded to Aqua Map (manually delete old track).
- A better way is to enable auto sync of Bob423 Tracks.
- The steps shown on the left need to be repeated for each of the four tracks.
- Once completed, all updates are automatic with the new tracks replacing the old tracks.
- Tap [here for more details](#) or tap on “[How to Sync Bob423 Tracks](#)” on the download page.



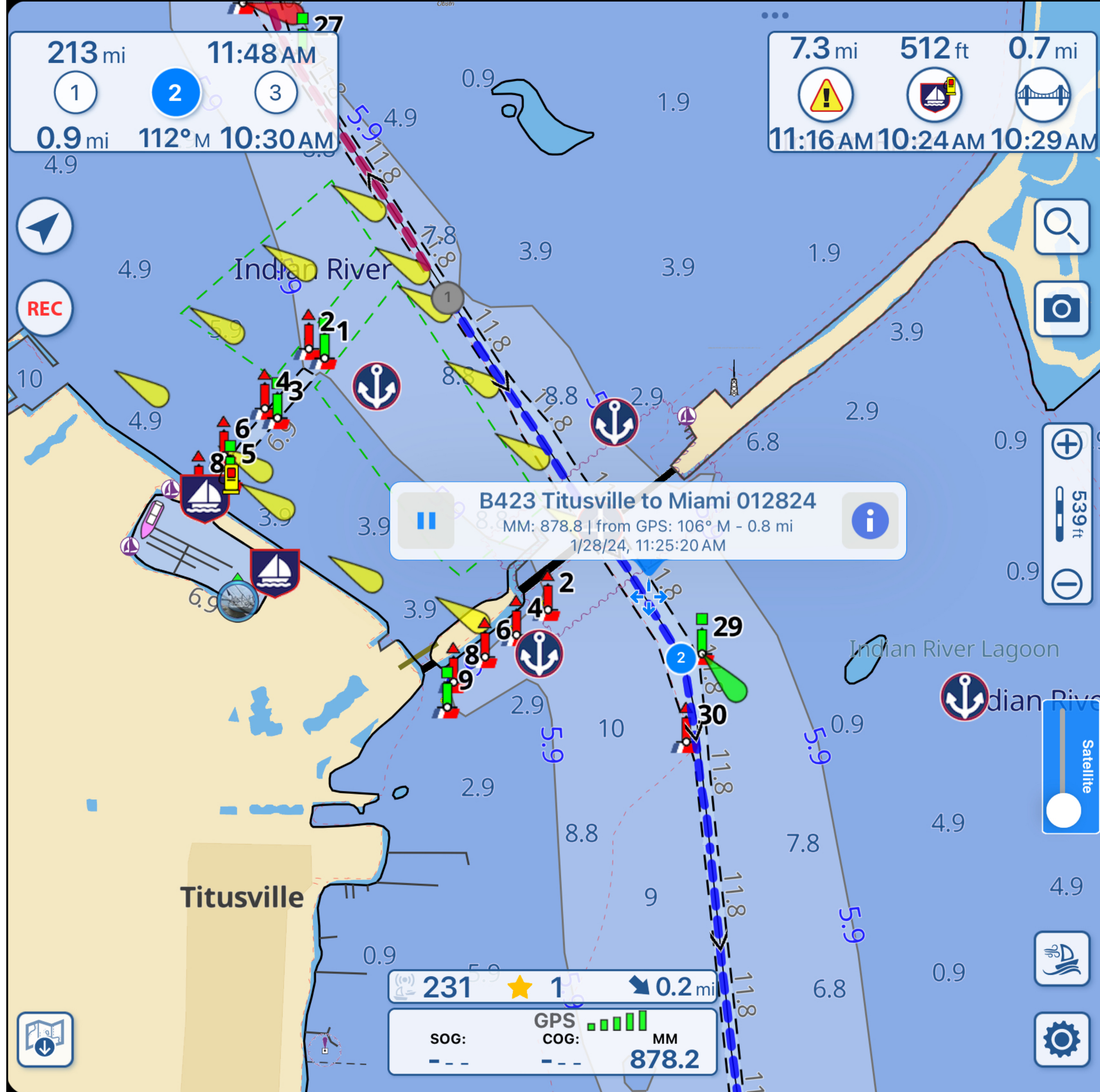
## Use Route Explorer to Follow Tracks

- **Route Explorer** can be activated for both routes and tracks with a tap on the track which brings up a text box - in this example for a Bob423 track but works for any track or route.
- Note the direction of the track. If it's the way you want to go, just tap on the blue triangle ▶.
- If you want to go in the opposite direction, then the track must be reversed with a tap on the **i** followed by a tap on the reverse icon ↻ in the right pane and then the blue triangle ▶.



## Route Explorer with Bob423 Tracks

- Tap on track again
- Double bars shows track is activated
- Tap on **i** in blue circle



Done Track info

B423 Titusville to Miami.gpx by bob423  
Updated on: 1/28/24

Settings

B423 Titusville to Mia...  
Your data

Remaining duration

Total distance	ETA
213 mi	11:48 AM

Route Explorer

Alerts	Bridges	Diesel
23 (1 Shoaling)	57 (39 Dangerous)	42 (\$3.899)

Depth

Min	Max
-0.7 ft	-55 ft

Speed

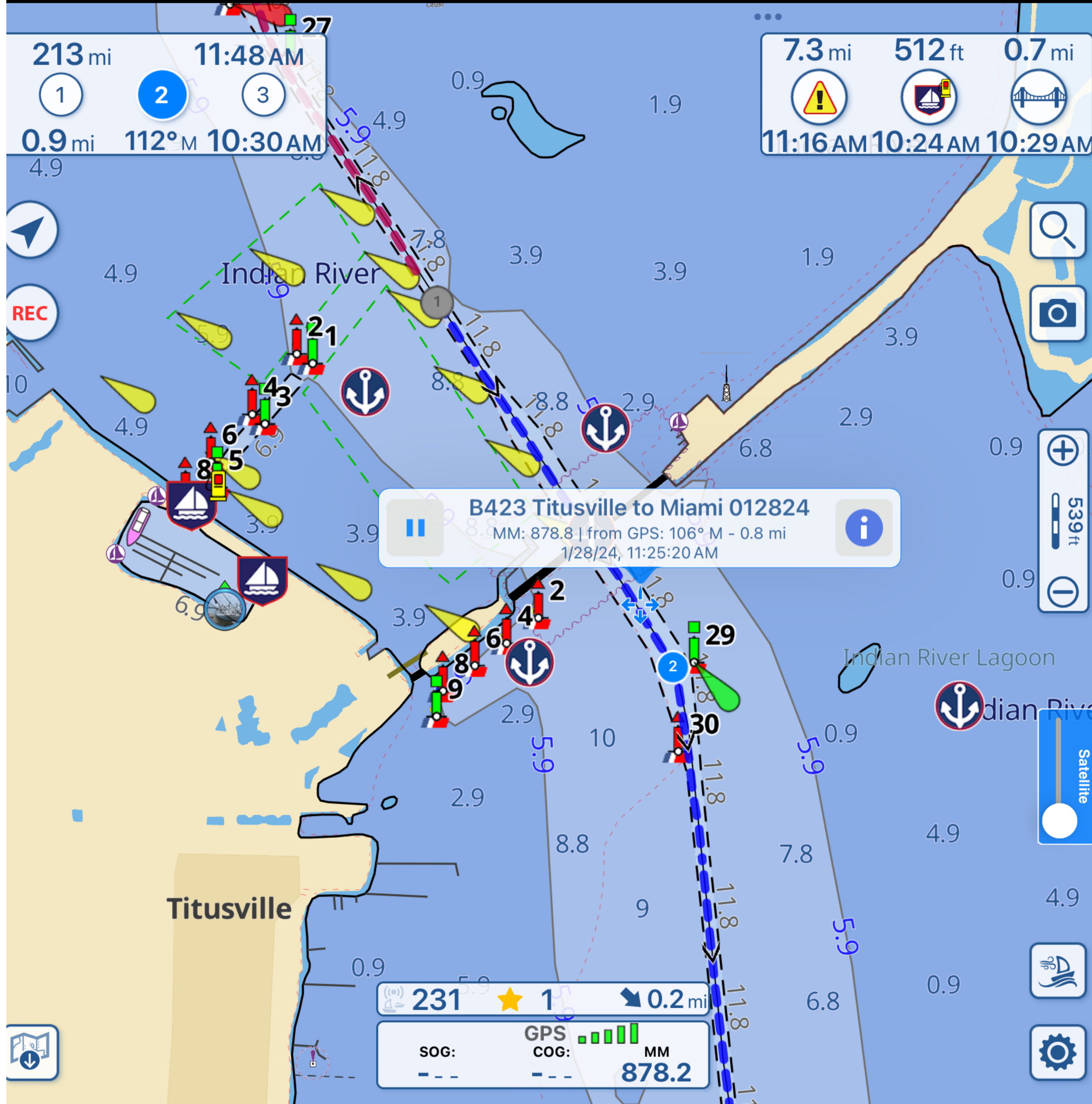
Average	Max
138 mph	- - -

Sunday, January 28, 2024 at 11:25 AM

## Track info

- Total distance and ETA to end of track shown using boat speed in Settings
- 23 shoaling alerts
- 57 bridges total, 39 lift bridges
- 42 fueling stops

Interesting, but I'm not going that far today<sup>28</sup>



Done Track info

B423 Titusville to Miami.gpx by bob423  
Updated on: 1/28/24

Settings

B423 Titusville to Mia...  
Your data

Remaining duration

Total distance 213 mi ETA 11:48 AM

Route Explorer

23 (1 Shoaling) 57 (39 Dangerous) Diesel 42 (\$3.899)

Depth

Min -0.7 ft Max -55 ft

Speed

Average 138 mph Max ---

Sunday, January 28, 2024 at 11:25 AM

## Choose Destination In Route Explorer

- Tap on the **i** in the text box
- The pane on the right appears
- Tap on the **i** in the Route Explorer box (in orange to show all POIs)

Preferences

Marinas All Diesel Highlighted None







Anchorage All Highlighted None

Hazards All Highlighted None

Bridges All Highlighted None

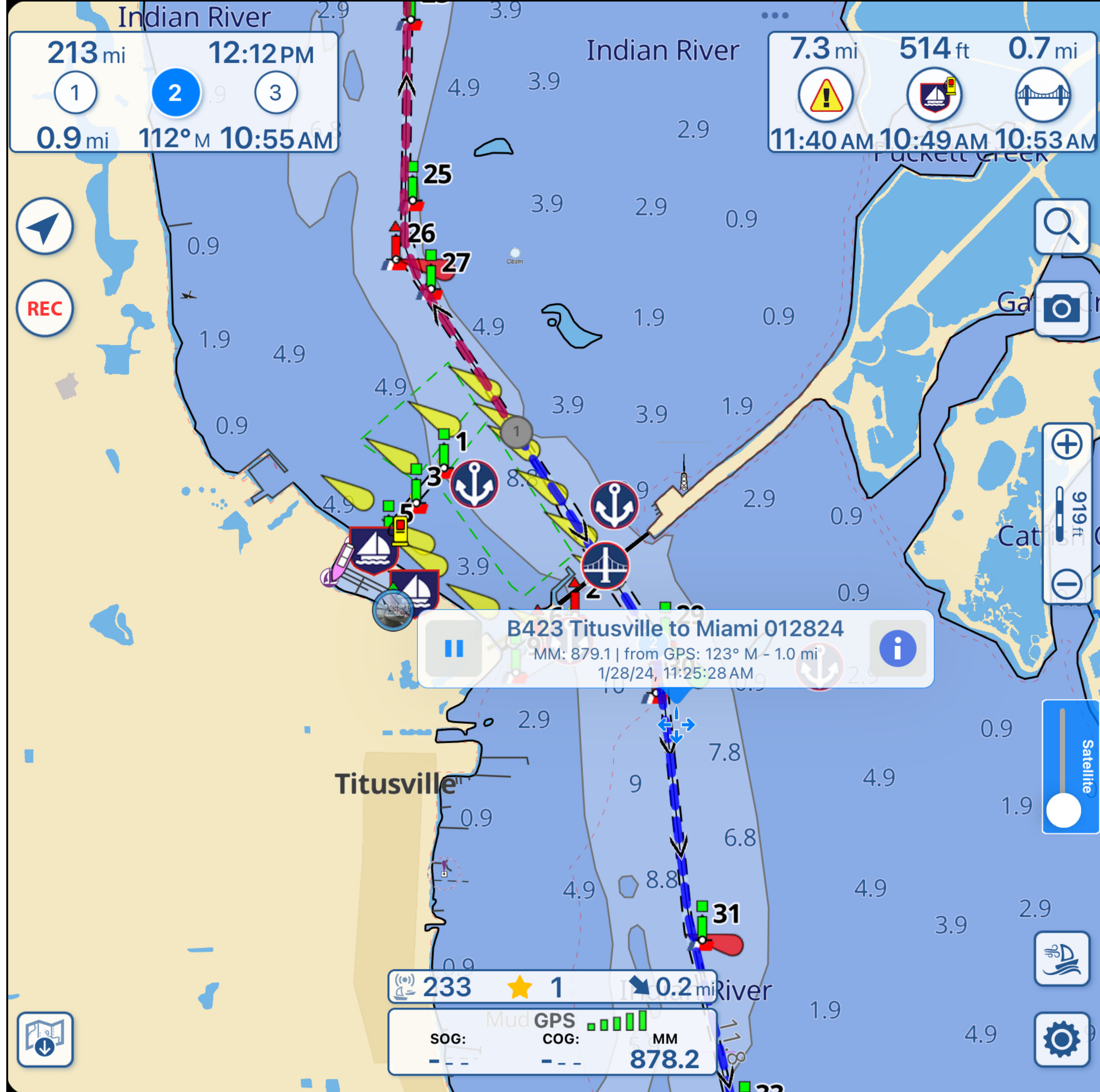
Waypoints All Highlighted None

1

	<b>12:24 PM</b>	Titusville Marina	
	<b>517 ft</b>	Waterway Guide Marina - Diesel (\$4.29 ValvTect)	
	<b>12:26 PM</b>	Titusville	
	<b>0.4 mi</b>	Waterway Guide Anchorage	
	<b>12:28 PM</b>	Titusville: North of Max Brewer Bridge	
	<b>0.8 mi</b>	Waterway Guide Anchorage	

# Route Explorer Display Options

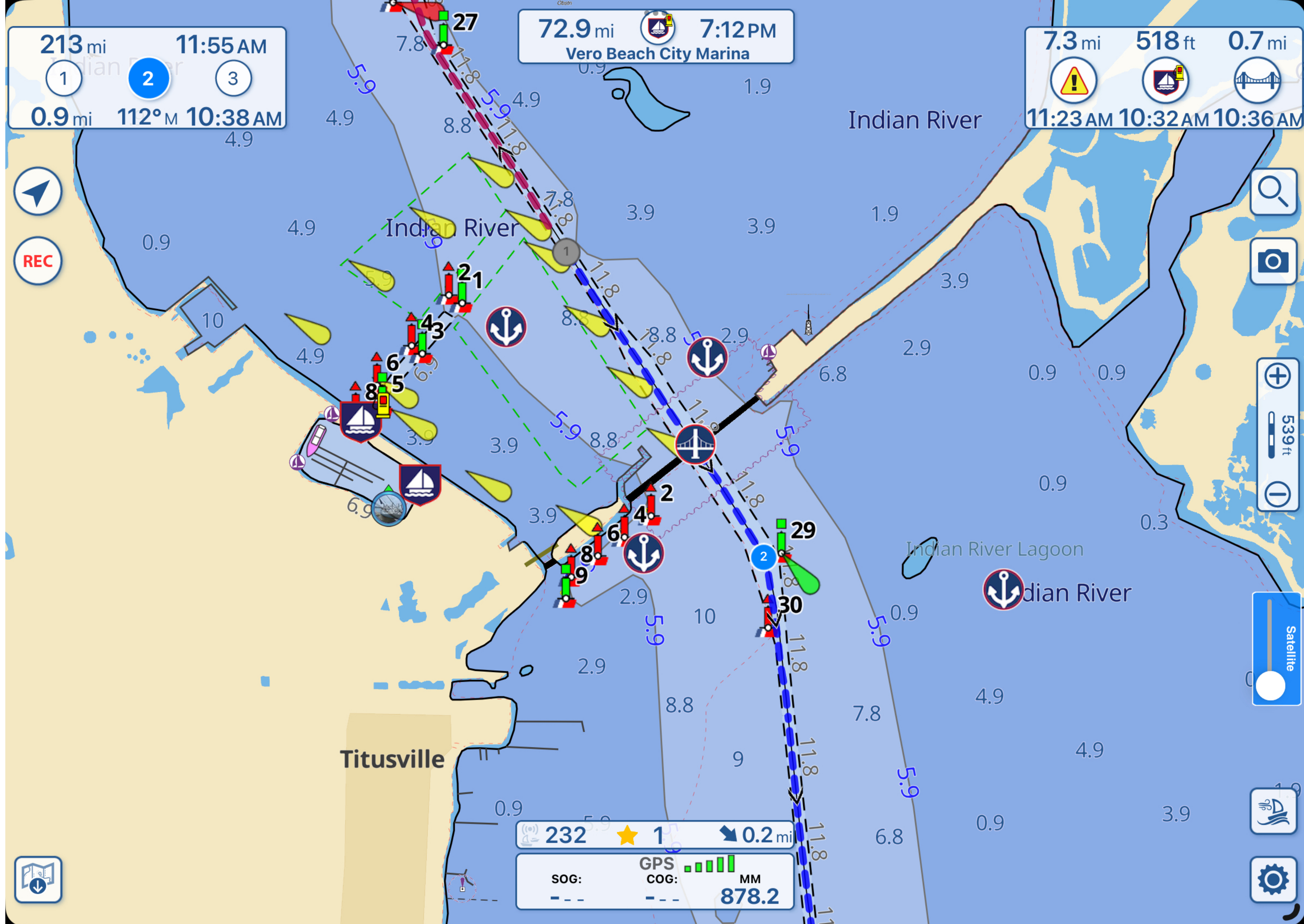
- You can choose which POIs to display:
  - All
  - Highlighted only
  - None
- The purpose is to allow you to declutter the POI list to your liking.
- Waterway Guide and Active Captain POIs will only display if activated in Settings.
- I only use Waterway Guide POIs since only they are monitored for accuracy and completeness before posting.
- In the examples to follow, I have all POIs set to "All"



Route Explorer M

		67.3 mi	6:49 PM	10 G
	6:55 PM	Hole in the Wall Island R112		
	68.2 mi	Waterway Guide Anchorage		
	0.9 mi	193° M	00:06:40	0.1 G
		68.2 mi	6:55 PM	11 G
		Scattered Clouds Gentle breeze		
59°F		8.1 mph		
	0.3 mi	173° M	00:02:17	0.0 G
		68.5 mi	6:58 PM	11 G
	0.3 mi	166° M	00:02:21	0.1 G
		68.9 mi	7:00 PM	11 G
	7:10 PM	Loggerhead Marina - Vero Beach Marina		
	70.2 mi	Waterway Guide Marina - Diesel (\$4.759 ValvTect)		
	7:29 PM	Vero Beach City Marina		
	72.9 mi	Waterway Guide Marina - Diesel (\$4.289 ValvTect)		
	7:30 PM	Merril P Barber Bridge		
	73.1 mi	Vertical clearance: 66 ft; Horizontal clearance: 90 ft; Fixed bridge		
	4.6 mi	171° M	00:32:59	0.7 G
		73.5 mi	7:33 PM	11 G
		Scattered Clouds Gentle breeze		
59°F		6.9 mph		
	7:34 PM	Memorial Island		
	73.6 mi	Waterway Guide Anchorage		

- ## Route Explorer Destination
- Scroll down until you reach your destination
  - I chose Vero Beach City Marina, slide it to the left
- |         |   |  |           |
|---------|---|--|-----------|
| 5:56 PM | Vero Beach City Marina                            |  | Highlight |
| 2.9 mi  | Waterway Guide Marina - Diesel (\$4.289 ValvTect) |  |           |
- Tap on "Highlight"
  - Note the weather prediction for my arrival time
  - Tap on "Back"



## Route Explorer Destination Display

- Your chosen destination is at top, center with distance and ETA updated at your current speed
- You could choose an anchorage or bridge, any POI.





**7:12 PM**

**70.2** mi

Loggerhead Marina -  
Vero Beach Marina  
Waterway Guide Marina -  
Diesel (\$4.759 ValvTect)



**7:31 PM**

**72.9** mi

Vero Beach City Marina  
Waterway Guide Marina -  
Diesel (\$4.289 ValvTect)



**7:33 PM**

**73.1** mi

Merril P Barber Bridge  
Vertical clearance: 66 ft;  
Horizontal clearance: 90  
ft; Fixed bridge



**21**

**4.6** mi

**171°** M

**00:32:59**

**0.7** G

**73.5** mi

**7:35 PM**

**11** G















Scattered Clouds  
Gentle breeze















**59°F**

**6.9** mph

## Route Explorer Fuel

- Scroll the list of POIs to find more info
- In the example, if you need fuel, you don't want to stop at Loggerhead Marina at \$4.759/gal vs stopping at Vero Beach City Marina at 4.289/gal
- Fuel prices are updated regularly by Waterway Guide editors.
- The nearby bridge has a clearance of 66 ft, no worries there
- The weather forecast is for scattered clouds and gentle breezes upon arrival

	<b>1:29 AM</b>	Hobe Sound (CR 708) Bridge	
	<b>117 mi</b>	Vertical clearance, Closed: 21 ft; Horizontal clearance: 90 ft; Bascule bridge	
	○ 33		
	⋮		
	○ 35		
	<b>2:27 AM</b>	Jupiter Island (CR 707) Bridge	
	<b>125 mi</b>	Vertical clearance, Closed: 25 ft; Horizontal clearance: 90 ft; Bascule bridge	
	○ 36		
	○ 37		
	<b>2:32 AM</b>	US 1 (Jupiter Federal) Bridge	
	<b>126 mi</b>	Vertical clearance, Closed: 26 ft; Horizontal clearance: 91 ft; Bascule bridge	
	○ 38		
	⋮		
	○ 41		
	<b>2:41 AM</b>	Indiantown (SR 706) Bridge	
	<b>127 mi</b>	Vertical clearance, Closed: 35 ft; Horizontal clearance: 90 ft; Bascule bridge	
	○ 42		
	⋮		
	○ 49		
	<b>3:08 AM</b>	Donald Ross Bridge	
	<b>131 mi</b>	Vertical clearance, Closed: 35 ft; Horizontal clearance: 90 ft; Bascule bridge	
	○ 50		
	⋮		
	○ 54		
	<b>3:27 AM</b>	PGA Boulevard Bridge	
	<b>133 mi</b>	Vertical clearance, Closed: 24 ft; Horizontal clearance: 90 ft; Bascule bridge	

	<b>3:35 AM</b>	Parker (US 1) Bridge	
	<b>135 mi</b>	Vertical clearance, Closed: 25 ft; Horizontal clearance: 94 ft; Bascule bridge	
	○ 57		
	<b>4:01 AM</b>	Blue Heron (SR A1A) Bridge	
	<b>138 mi</b>	Vertical clearance: 65 ft; Horizontal clearance: 90 ft; Fixed bridge	
	○ 58		
	⋮		
	○ 60		
	<b>4:33 AM</b>	Flagler Memorial Bridge	
	<b>143 mi</b>	Vertical clearance, Closed: 24 ft; Horizontal clearance: 123 ft; Bascule bridge	
	○ 61		
	<b>4:39 AM</b>	Royal Park Bridge	
	<b>143 mi</b>	Vertical clearance, Closed: 21 ft; Horizontal clearance: 125 ft; Bascule bridge	
	<b>4:54 AM</b>	Southern Boulevard Bridge	
	<b>146 mi</b>	Bascule bridge	
	<b>5:24 AM</b>	Lake Ave. (SR 802) Bridge	
	<b>150 mi</b>	Vertical clearance, Closed: 35 ft; Horizontal clearance: 90 ft; Bascule bridge; 11.5 Meters/38 Feet At Center. For Bascule Bridges, Whose Spans Do Not Open To A Full Upright Or Vertical Position, Unlimited Vertical Clearance Is Not Available For The Entire Charted Horizontal Clearance.	
	<b>5:39 AM</b>	E. Ocean Ave. (Lantana) Bridge	
	<b>152 mi</b>	Vertical clearance, Closed: 21 ft; Horizontal clearance: 125 ft; Bascule bridge; For Bascule Bridges, Whose Spans Do Not Open To A Full Upright Or Vertical Position, Unlimited Vertical Clearance Is Not Available For The Entire Charted Horizontal Clearance.	

## Route Explorer Bridges

- One of the most used feature of Route Explorer is in the timing of lift bridges
- Since the ETA to each bridge is automatically updated with your present boat speed - the calculations are done for you.
- It's a godsend for running the gauntlet of lift bridges to Miami

< Back **Vero Beach City Marina** ★

**Name** Vero Beach City Marina

**Facility type** Marina

**Rating (24)** ★★★★★☆

**Location** AIWW, Bethel Creek

**Address** 3611 Rio Vista Blvd.  
Vero Beach, FL, 32963  
US

**VHF Channel** VHF Monitored: 16, VHF Working: 66

**Contact** Sean Collins, Harbor Master, Sean Collins, Harbor Master

**Phone** +1 (772) 231-2819, +1 (772) 978-4960

**Openings** 8am-5pm, 7 days a week

**Payment options** Cash, Visa, Mastercard, Discover,

**Email** marina@covb.org

**Website** http://www.covb.org

< Back **Vero Beach City Marina** ★

**Gas** ValvTect Gas

**90 Octane Gas** Yes, \$4.959, tax included

**Fuel price** Updated on: Feb 2, 2024

**Diesel** Yes, \$4.289, tax included, ValvTect Diesel

**Ethanol free** Available

**Fuel phone** +1 (772) 231-2819

**Notes** Open 8:00am to 4:45pm Daily  
Prices are subject to change

< Back **Vero Beach City Marina** ★

**Airport** Offsite, 5 miles

**Beach** Offsite, 1 miles

**Laundry** Yes, pay

**Hotel** Offsite, 1 miles

**Internet access** Yes, free

**Pet access** Yes

**Restaurant** Offsite, 0.5 miles

**Restrooms** Yes

**Showers** Yes

**Town** Offsite

**Transportation** bus

**WiFi** Yes, free

**Other amenities** Grills

**Pump out** Yes, \$5.00

< Back **Vero Beach City Marina** ★

**Dockage** Total: 88  
Daily: \$2.50 per ft., Weekly: \$11.25 per ft., Monthly: \$15.85 per ft., Annual: \$12.25 per ft., Annual based on length of vessel or slip, whichever is longer. Harbormaster approval needed

Transient: 10

Fixed & Floating

**Size restriction** 160 ft.

**Dockside depth** 10.0 ft.

**Dockage Liveaboard** Yes, \$100.00

**Shore Power** 30 amp: \$5.00 per day, 50 amp: \$10.00 per day, 100 amp

**Water** Yes

**Mooring** 57 moorings available, \$20.00 daily, \$126.00 weekly, \$407.00 monthly

< Back **Vero Beach City Marina** ★

**Review for Vero Beach City Marina**  
★★★★☆ on Feb 1, 2024  
**Emily**  
**Boat: Power**  
**LOA: 52 ft.**  
**Draft: 5.0 ft.**

Great stop. Nearby free shuttle gets you to the beach and to stores easily. Friendly staff. Good stop. Marina has all fixed docks. There are pilings on the outside at T heads. Set your fenders for about 2 ft off the water for protection on the inner slips (no exposed pilings there). Our boat was damaged by another boat coming in. Also saw another collision as a boat pulled out, but didn't look like any major damage.

**Review for Vero Beach City Marina**  
☆☆☆☆☆ on Oct 6, 2023  
**Mark W**  
**Boat: Power**  
**LOA: 39 ft.**  
**Draft: 4.5 ft.**

The marina is fantastic. But the Riverside Cafe nearby plays loud obnoxious music after 11 pm at night that will prevent me from ever visiting again.

**Review for Vero Beach City Marina**  
★★★★★ on Jun 18, 2023  
**Lisa Vidor**  
**Boat: Power**  
**LOA: 42 ft.**  
**Draft: 4.0 ft.**

Stayed on a mooring ball. Great staff. Public bus picked you up at Marina and took you around town. Would definitely return.

**Review for Vero Beach City Marina**  
★★★★★ on Mar 30, 2023  
**Karen Munson, Oasis**

General Navigation Dockage Fuel Services **Reviews** 24

< Back **Vero Beach City Marina** ★

**Tide** 0.8 ft.


**Depth** 10.0 ft.

**Location ref. point** 139

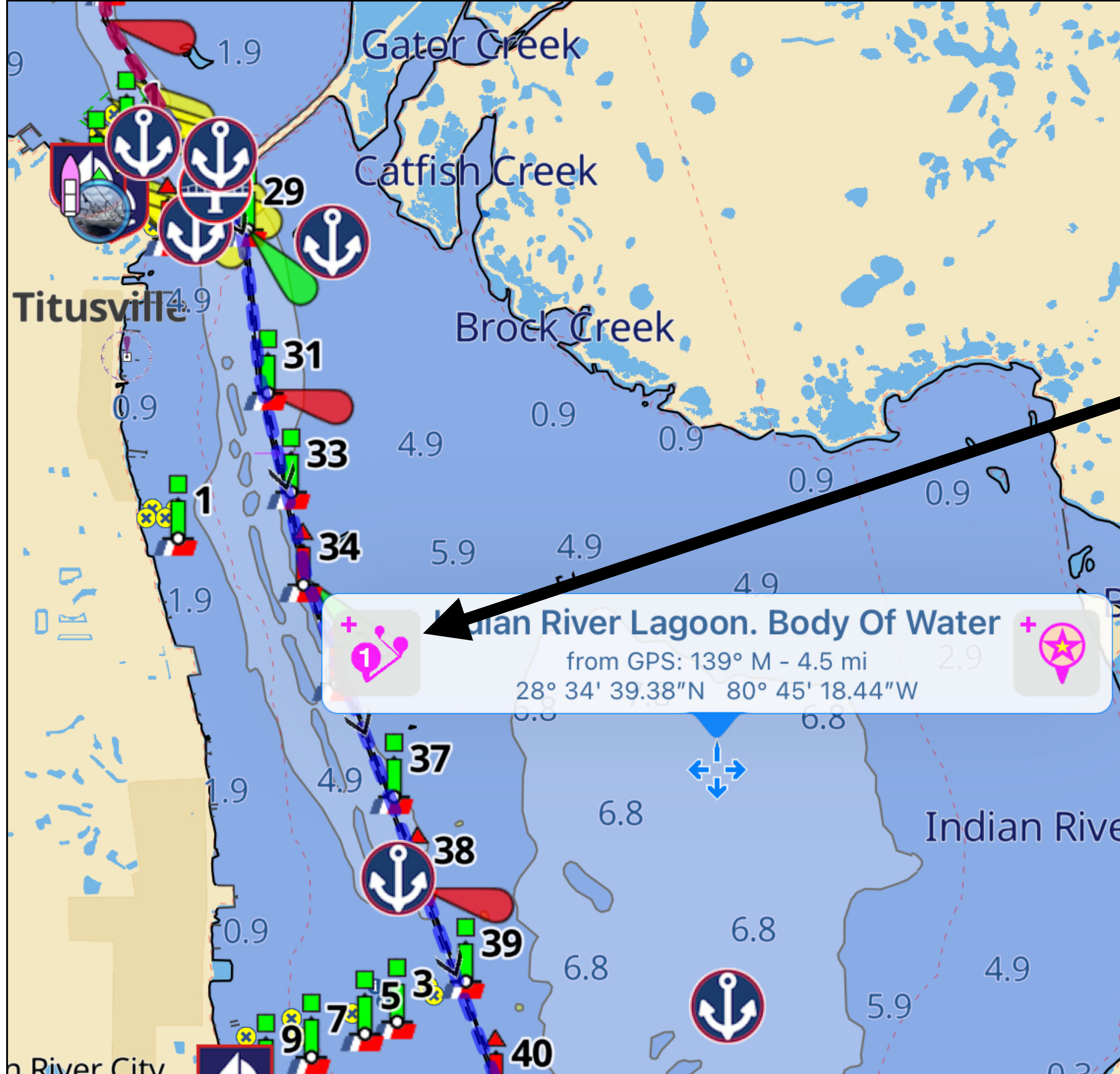
**Mile marker** MM 951.7

**Position** Latitude: 27° 39' 26.40"N  
Longitude: 80° 22' 12.59"W


# Route Explorer Waterway Guide

A wealth of information is available with a tap on the  next to a Waterway Guide icon, stored in Aqua Map, no internet needed.

- Phone number
- Dockage prices
- Website URL
- Fuel price
- Pump out & cost
- Approach depth
- Reviews



## How to Make Your Own Routes

- It's easy in Aqua Map, just tap on the screen anywhere to start a route.
- Tap on  to form the first waypoint.
- Tap anywhere on the chart for the next waypoint, and so on.
- Waypoints can be moved, added, and the route saved
- The best way to learn is to watch my video on forming routes

<https://youtu.be/cFalbJV2Qz8>

## What have we learned?

- **How to:**

- Display USACE surveys
- Set up Aqua Map the way you want and start using for ICW navigation.
- Import tracks and routes, including Bob423 Tracks
- Enable auto sync for Bob423 tracks
- Use Route Explorer to find ETAs to bridges and other POIs
- Make your own routes

## What have we not learned?

**Aqua Map is incredibly feature rich.** The full capability of the app cannot be covered in one seminar. For example, the use of:

- A sophisticated anchor watch is included, complete with mirroring of your iPad screen on the boat to your iPhone on shore. See what your boat is doing in real-time as you dine.
- Weather overlays of wind, currents, and waves using NOAA's most advanced models.
- Sophisticated Tide and Currents displays with a one tap search to find closest tide station
- AIS display with time and distance of closest approach with alarms.
- Auto connection to WiFi from a gateway for depth, wind direction and speed.
- Embedding of depths in a recorded track for future reference and sending to NOAA's Crowd Sourced Bathymetry worldwide database if you give permission.

**And much more! All could be covered in an Aqua Map manual TBD.**

## Further references for the ICW Cruiser

- 2023 ICW Cruising Guide by Bob423 available in four formats
  - 300 page 8.5 x 11 paperback or hardback from Amazon
  - Kindle version from Amazon
  - Digital version from Waterway Guide (better formatted than Kindle)
- Waterway Guide books from Amazon, bookstores, and marinas.
- Atlantic ICW Chartbook - Norfolk to Miami, 300 pages of charts from Amazon.
- 2024 ICW Chartbook - Norfolk to Key West, including St Lucie to Ft Meyers and major Atlantic inlets, 400 pages of chart from Amazon.

**I hope you enjoyed the seminar. Please leave suggestions for improvements with my Messenger address on Facebook.**

**Bob423 (additional links in QR Code)**

