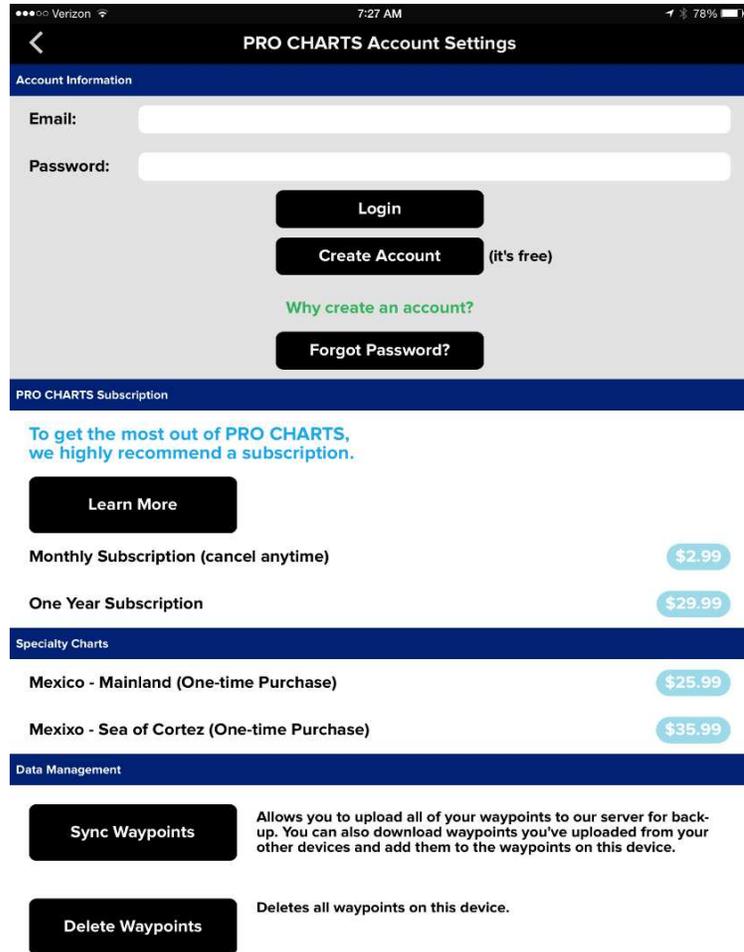


Getting Started

After downloading the PRO CHARTS™ app, you will want to create a free PRO CHARTS™ User Account which 1) enables us to view your information so we can offer tech support, 2) allows you to sync your subscription across multiple devices, 3) allows you to back-up your data on our servers, and 4) allows us to send you important updates and notifications. To do this, touch the menu button in the top left corner of the main screen and select Account. Enter your email address and a password, then click Create Account.



In addition to creating an account, you will definitely want to purchase a subscription to PRO CHARTS™ so you can download and display nautical charts, utilize all of the app's rich navigational features, and receive all future upgrades and enhancements. We offer a standard annual subscription plus a monthly option so you can try the app for a shorter period of time at minimal cost with no obligation.

Initial Setup

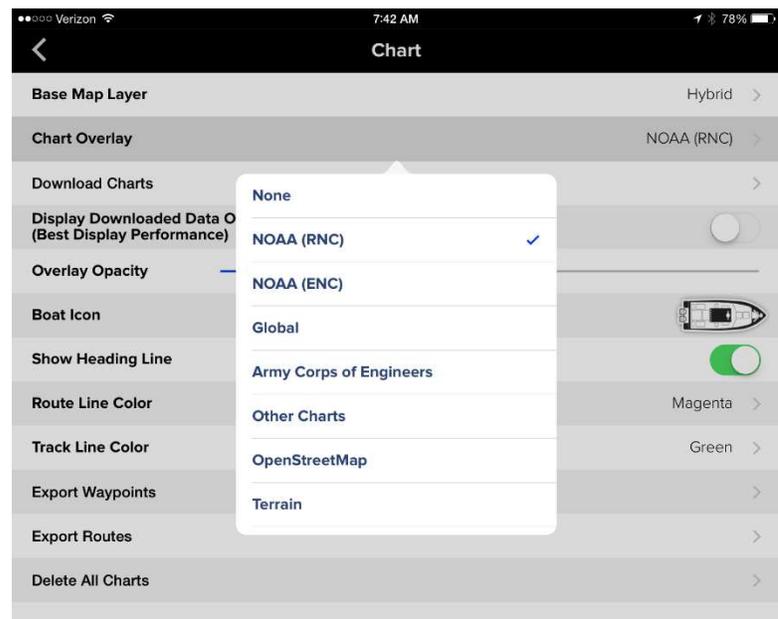
After you have selected and purchased a PRO CHARTS™ subscription, you are ready to set up your charts. First, you will want to select a Chart Overlay and download chart data for your area to make sure it will be available later when you do not have a WiFi connection, i.e. while out on the water.

To begin, touch the menu button at the top left of the main screen and select Chart. Touch Chart Overlay to select the type of chart data you wish to display.

Within the U.S., you will probably want to start with either NOAA (RNC)

or NOAA (ENC) depending whether you prefer the scanned NOAA raster chart images or electronically-generated ENC imagery.

You can also select Road, Satellite, or Hybrid as the underlying Base Map Layer which can be seen under the Chart Overlay data layer. Use the Overlay Opacity slide bar to determine how much of the Base Map Layer you want to see. In bright sunlight, it's best to slide the bar all the way to the right (100% opacity) for optimal visibility of the overlay charts only. After you have selected an overlay, close the menu to go back to the main screen.



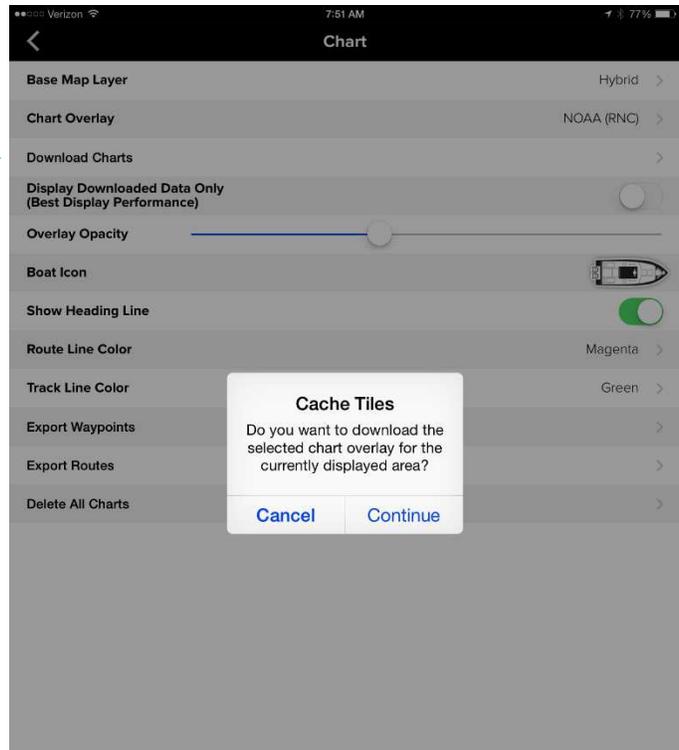
Next, pan and zoom the chart to display the area you wish to download. Keep in mind, NOAA chart files are very large so it's best to start with a small area (less than 200 square miles) to minimize the time it takes to download. With the desired area displayed on screen, touch the menu button and select Chart again. From the Chart menu, select Download Charts to begin downloading.

IMPORTANT: Whenever you are connected to WiFi, PRO CHARTS™ automatically displays both overlay and base map chart data even in areas you have not yet downloaded.

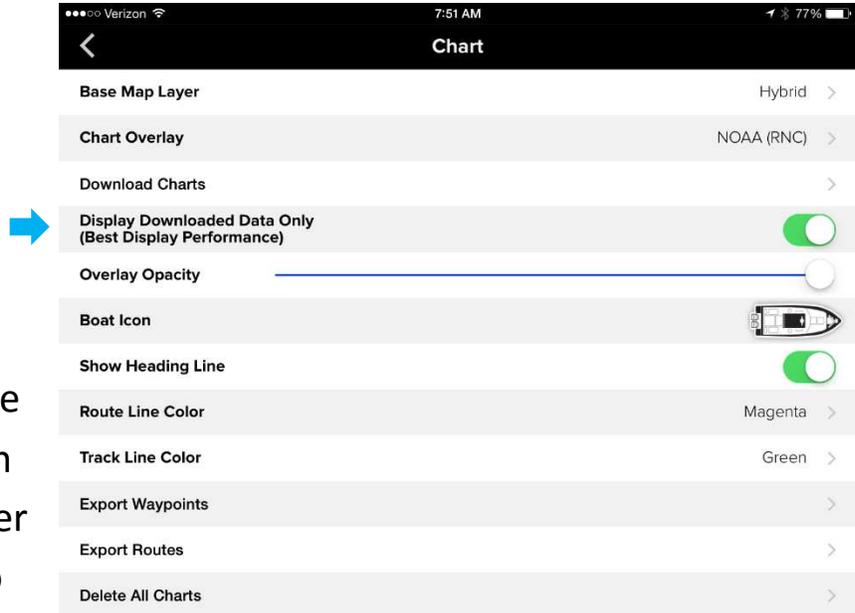
Although displayed charts are stored into memory, all zoom levels for that area are not

stored unless you specifically view them. This is why it is important to download chart data before heading out on the water. Downloading charts stores all zoom levels for the displayed area. If you do not download charts in advance, PRO CHARTS™ will attempt to download chart data on-the-fly (as long as you have a cellular connection with good internet access) as you pan and zoom to new chart views.

However, **this is much slower** than displaying chart data already stored on your device and you will notice delays when changing views. Even if your device is showing all bars for cellular access, that does not necessarily mean you are in range of good internet data access. If you have no cellular connection at all or you are out of range of internet data access, PRO CHARTS™ will not be able to display charts in areas not previously downloaded.

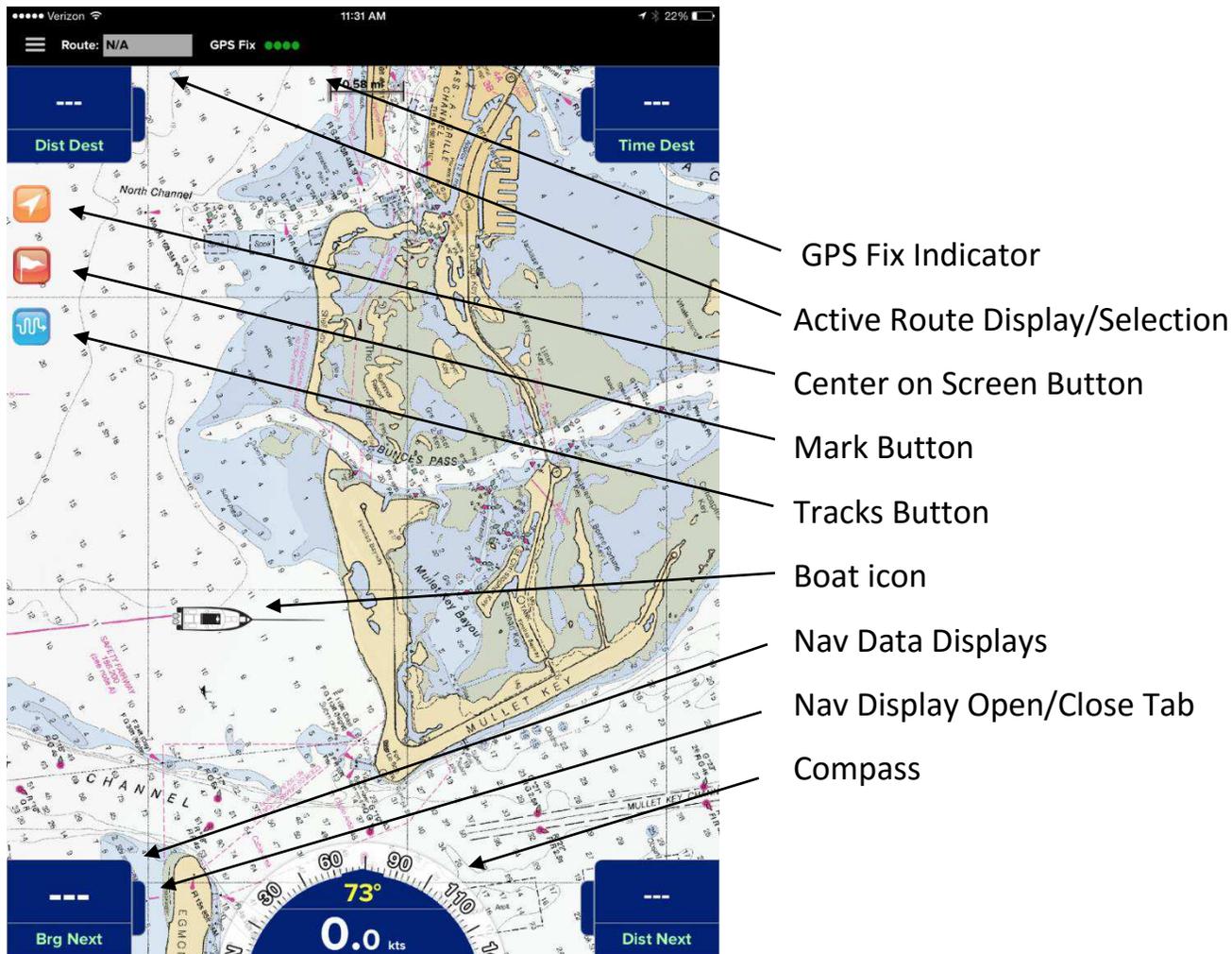


For the best display performance, you should always download charts in advance while at home with a good WiFi connection. Once you are out on the water, you can maximize the performance of the display by forcing the app to use only pre-downloaded data and not attempt to download new chart tiles on the fly. To do this, turn on the Display Downloaded Data Only button in the Chart menu. When you get back home, you may want to turn this feature off again so you can pan around and display other areas without having to download new chart data.



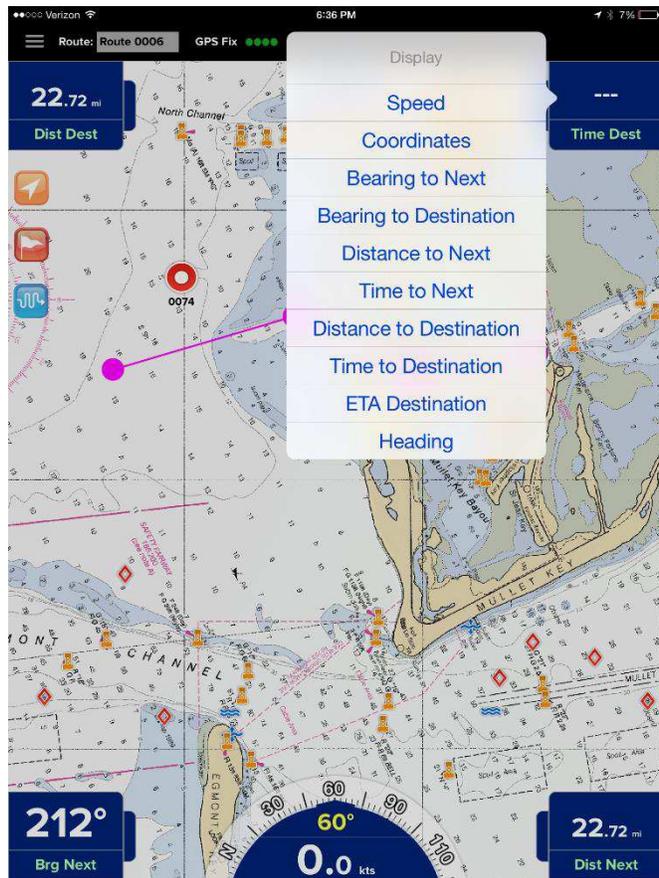
New charts are released by NOAA every seven days with updated data. To ensure that your downloaded charts are current, you should make it a habit of periodically purging old downloaded chart data and downloading new charts. To purge your old data, select Delete All Charts from the Chart menu. To download new Chart data, simply repeat the process of displaying the desired area on screen and selecting Download Charts.

Main Screen



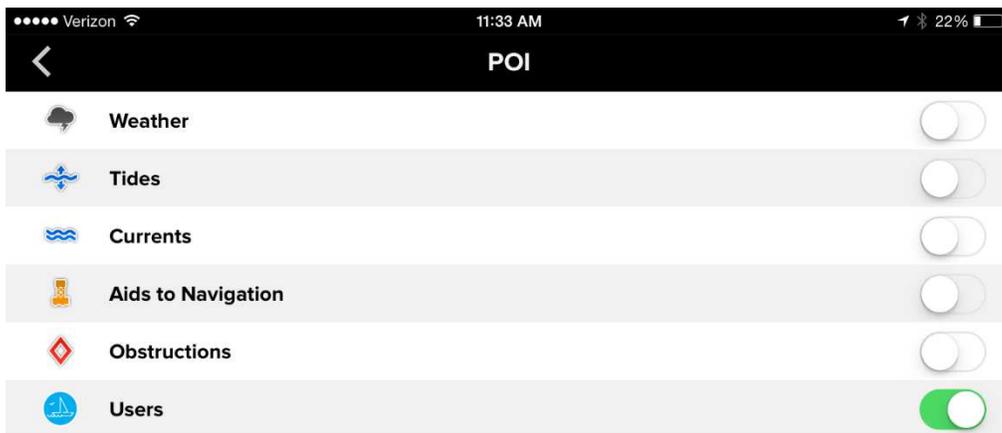
- The GPS Fix Indicator displays the signal quality of the GPS reception.
- The Active Route Display shows the route currently active for navigation. You can touch the display to select a different saved route.
- The Center on Screen button toggles between 1) centering your current position on the screen, 2) putting the map view in “track up” mode, and 3) putting the map view in “perspective” mode.
- The Mark button creates a new waypoint at your exact current location.
- The Tracks features displays and records a “track” of your movement. The Tracks button enables and disables this feature.

- The boat icon shows your current position and orientation. Other icons can be selected in the Chart menu. The heading line extending from the front of the boat icon can also be enabled or disabled in the Chart menu.
- The Nav Data Displays show navigational information when a route is activated. You can select the data you wish to be displayed in each of the four displays by touching the center of the display.
- To hide or show any of the Nav Data Displays, touch the Open/Close tab.
- The Compass displays your current heading. When a route is active, a red heading bug indicates the direction to the next route point or to the final destination if navigating directly to a Waypoint. For the most direct path, steer your boat so that the heading bug is at the top center of the Compass. If no route is selected, the heading bug will not be displayed.

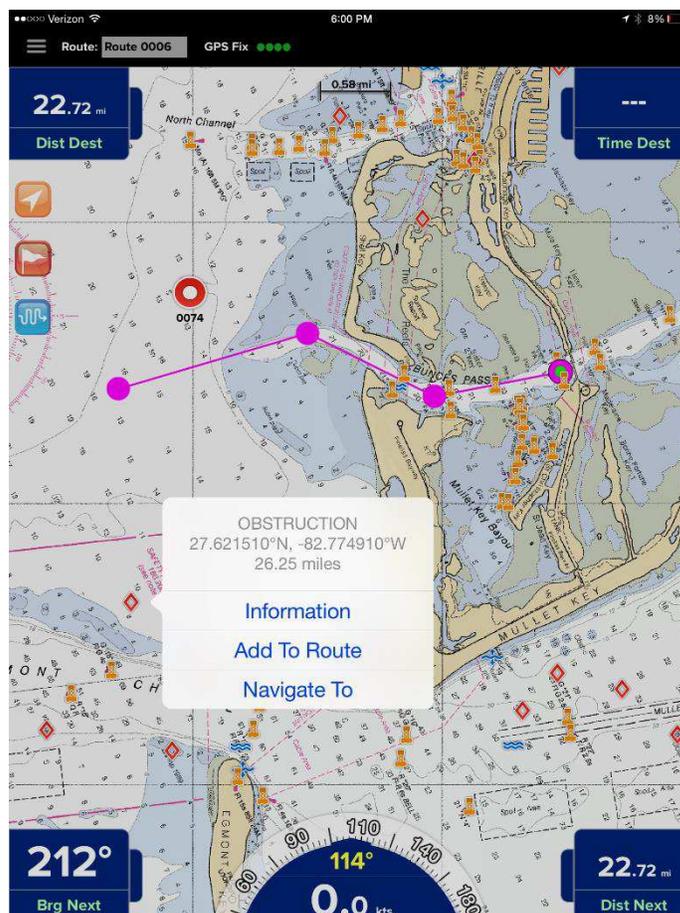


Points of Interest

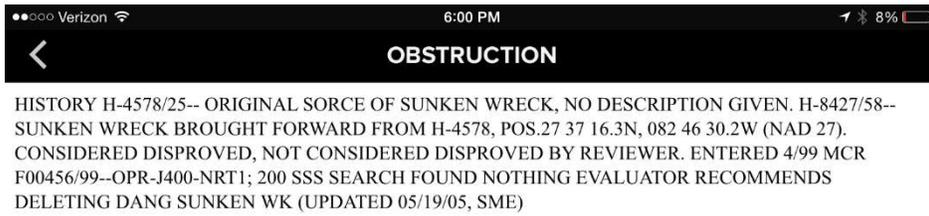
You can define Points of Interest to be displayed on the main screen in the POI menu.



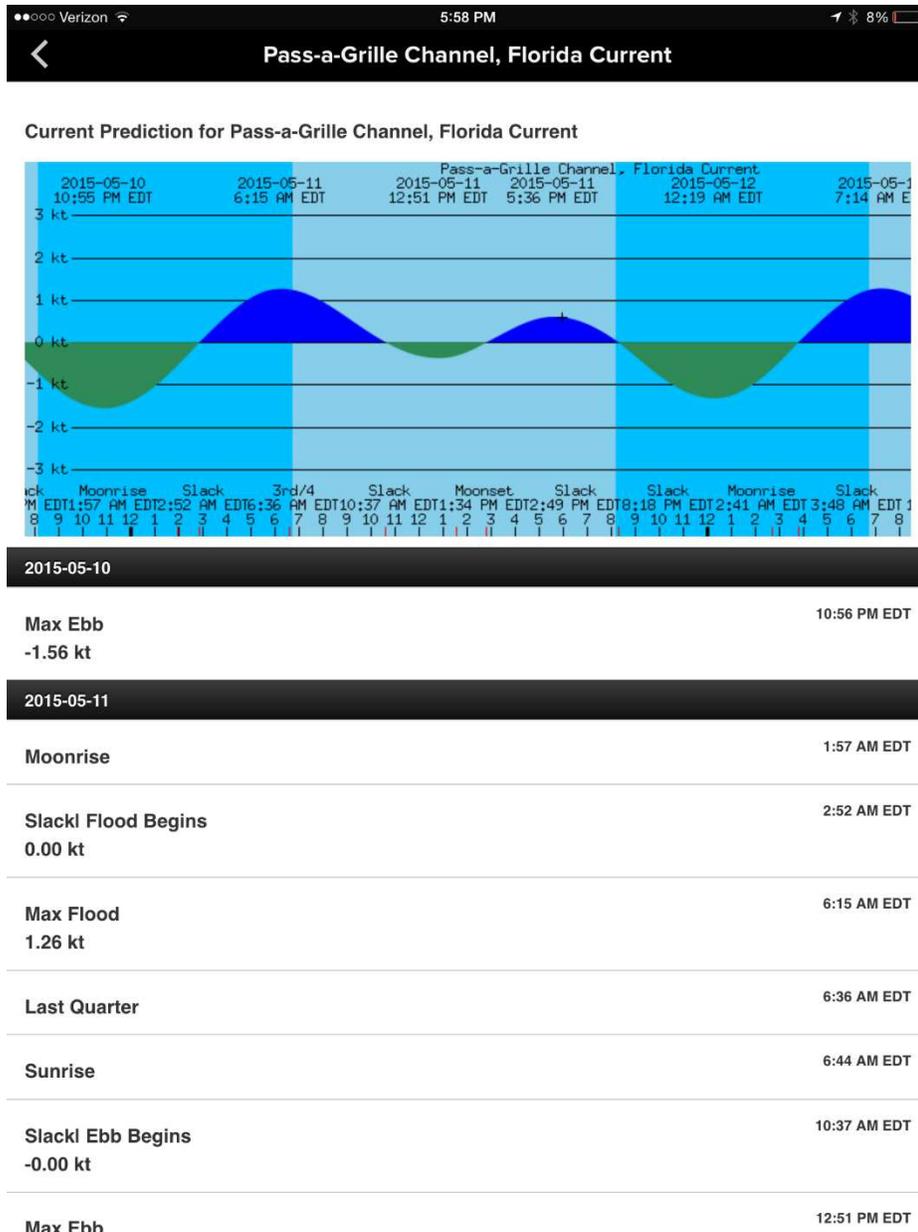
When POI's are displayed on the main screen, you can select them to bring up additional information.



Selecting the Information button brings up information from NOAA's database about that point of interest.

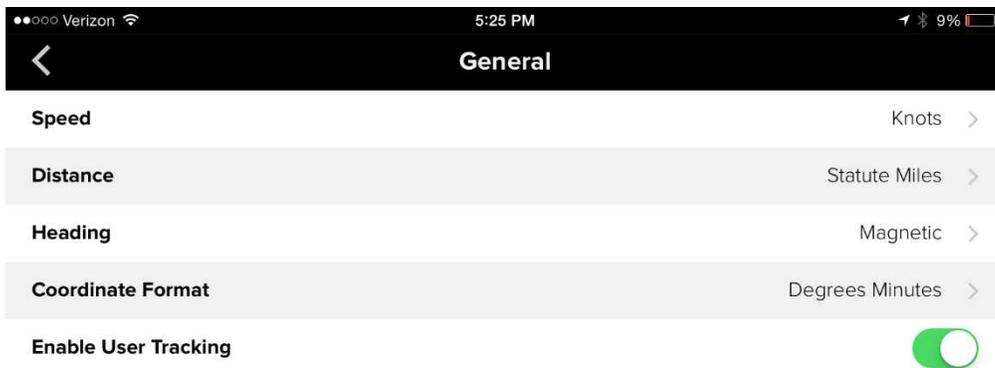


The Weather, Tides, and Currents POI's display up-to-the-minute information from various local data sources.



The Users POI allows you to see other PRO CHARTS™ users that are currently sharing their location.

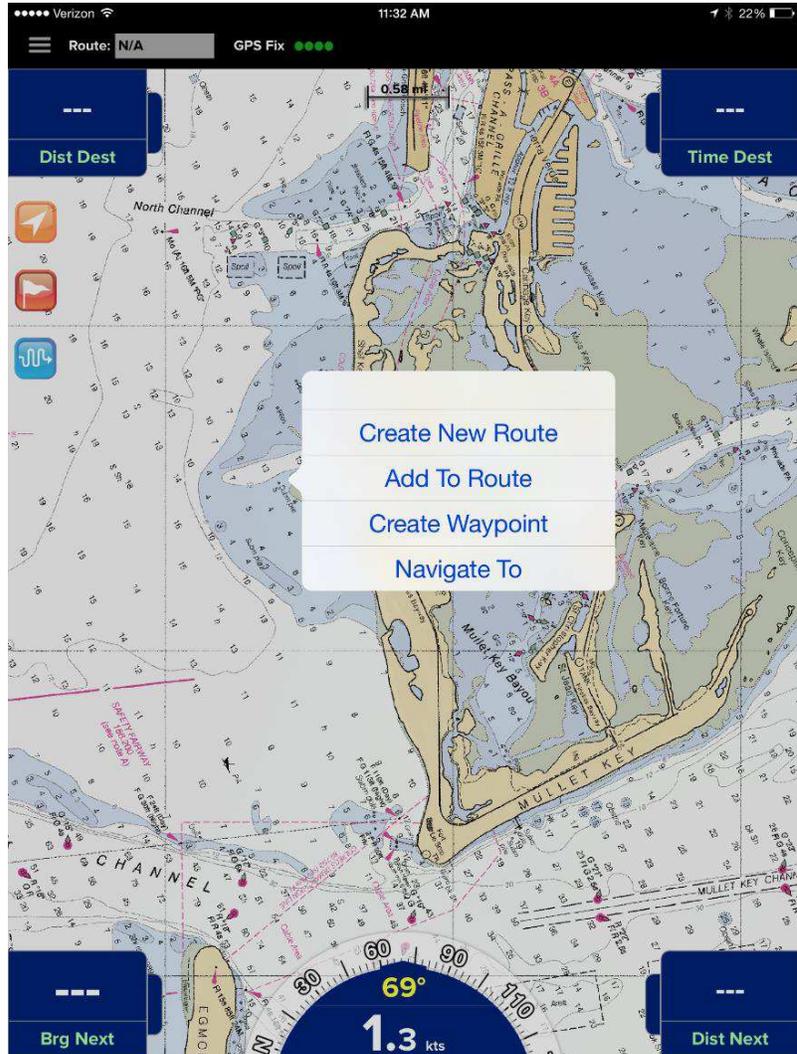
You can share your own location by turning on Enable User Tracking in the General menu.



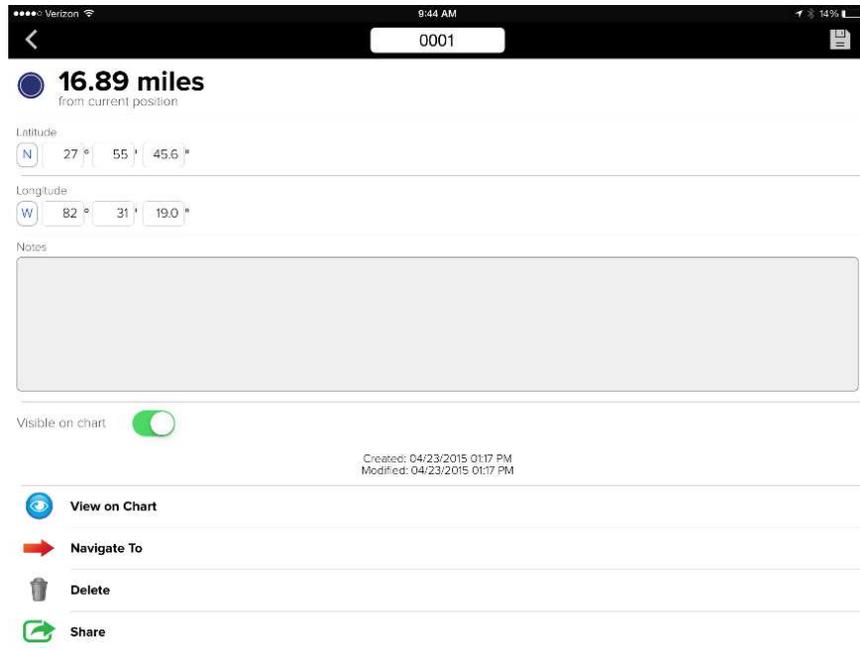
Other PRO CHARTS™ users will now see your position when you are using the app.

Waypoints and Routes

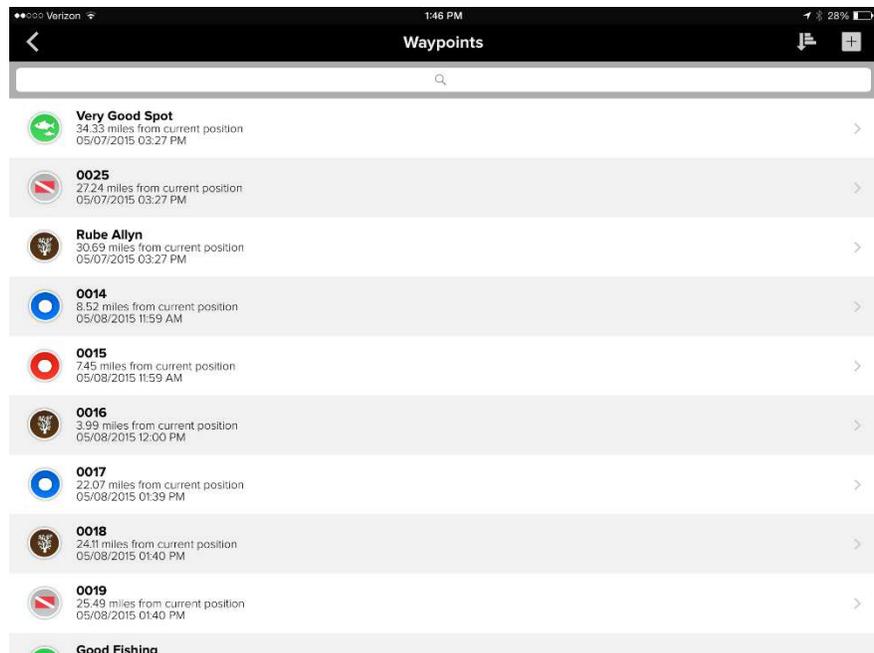
- Waypoints and Routes can be created from the main screen by touching and holding a point on the screen to bring up the Route/Waypoint window.
- Selecting Create New Route creates an initial route point at that location.
- If a Route is already displayed, Add to Route adds a new route point to the end of the current Route. If no other Route is currently displayed, an initial route point will be created at that location.
- Selecting Create Waypoint creates a User-Defined Waypoint at that location.
- Selecting Navigate To hides the current active route (if any) and creates a Route from your current position to that point.
- Touching an existing Waypoint prompts you to select Add to Route, Navigate To, Edit Waypoint, or Delete Waypoint.



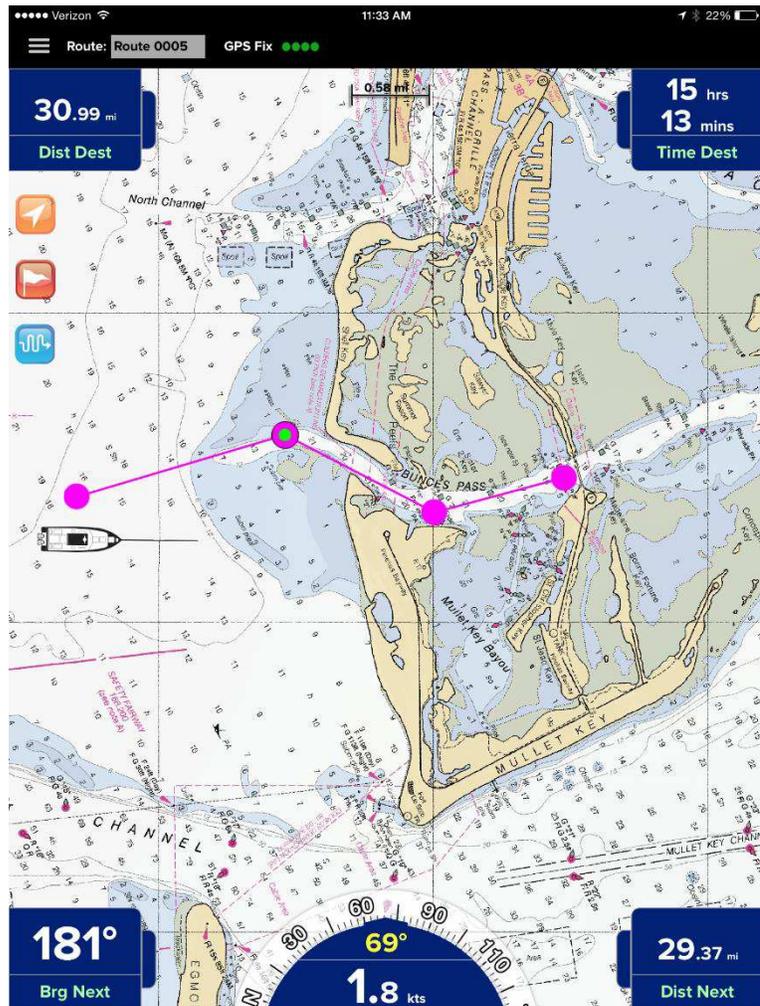
- Selecting Edit Waypoint brings up the Waypoint Editing menu where you can 1) rename the Waypoint, 2) change the icon, 3) change the lat lon information, 4) add notes, 5) choose whether or not you want the Waypoint to show on the chart, 6) close the menu and show the Waypoint centered on the screen, 7) navigate directly to the Waypoint, 8) delete the Waypoint, or 9) share the Waypoint with others.



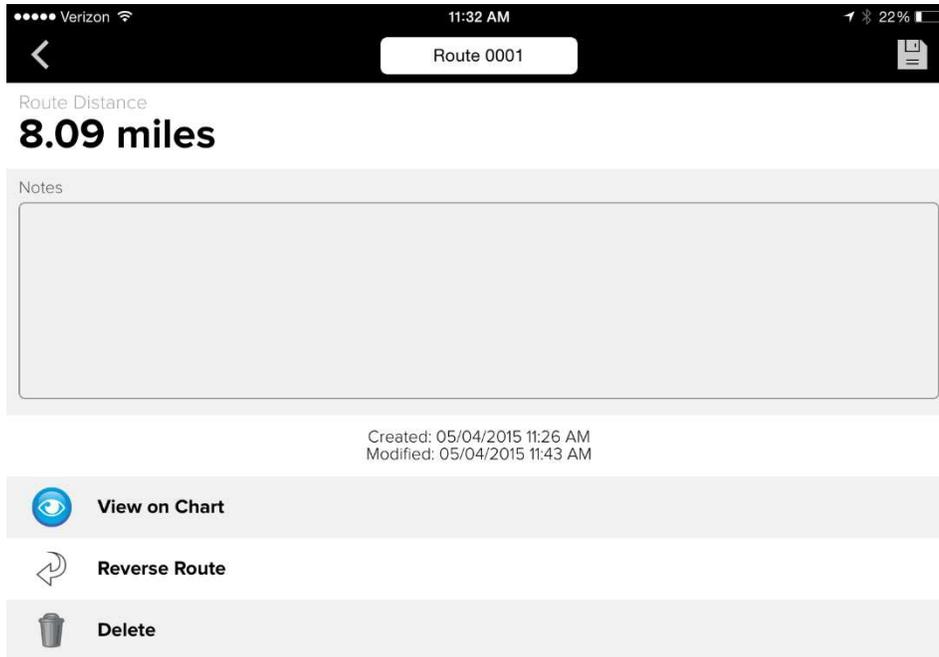
- You can also add new User-Defined Waypoints from the Waypoints menu. Clicking the button at the top right of the menu creates a new Waypoint so you can enter your own lat lon information. If you are entering numerous waypoints from a list, you will find this to be a much faster method for adding them.



- As soon as a route point or Waypoint is added to a Route, the Nav Data Displays start showing navigation data from your current position to the next point on the Route (indicated with the green dot). If no route is active, the displays will show dashes.



- Any route point can be moved on screen by touching and holding then dragging the point to a new location.
NOTE: User-defined Waypoints cannot be dragged and moved.
- Touching and holding the Route line breaks the line and allows you to add a new route point at that location.
- Briefly touching the Route line brings up a pop-up menu asking if you want to hide the current Route or reverse the Route.
- Touching an existing route point brings up a pop-up menu asking if you want to remove the point from the Route or Save the point as a User-defined Waypoint.
- To save the Route currently displayed on screen, touch the Settings button in the top left corner of the screen and select Routes from the menu. Select the Route from the list to open the Route Edit menu.



From the Route Edit menu, you can 1) change the name, 2) add notes, 3) select View on Chart to close the menu and begin navigating the Route, 4) select Reverse Route to create a new Route in the reverse order of the current Route, or 5) Delete the Route. Touch the Save button in the top right to save your changes.