



NaAVIC

Quick Start Guide

(V 3.0.0)

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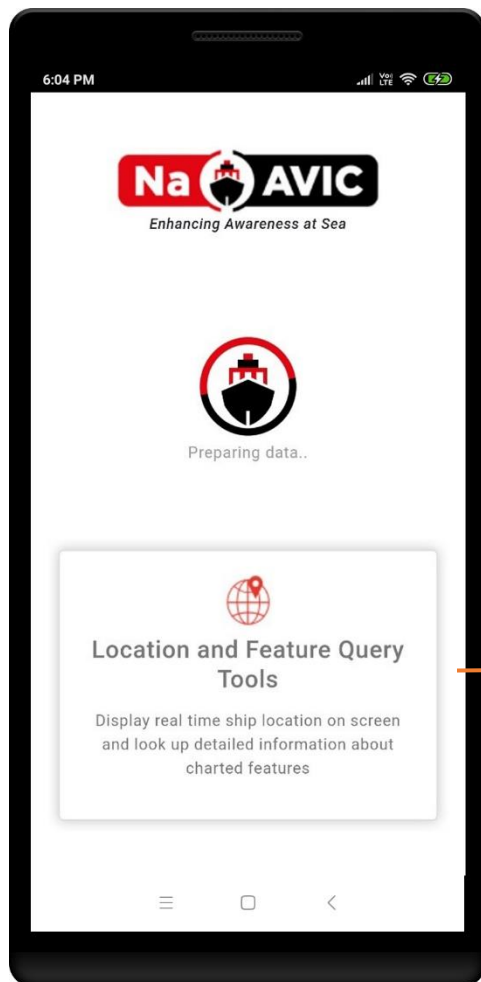
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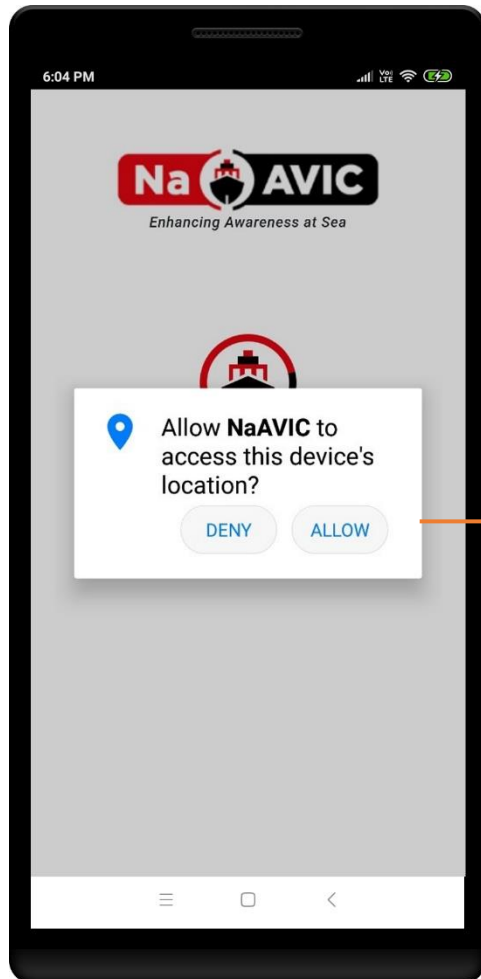
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Loading Screen



The application's features are displayed while the app loads

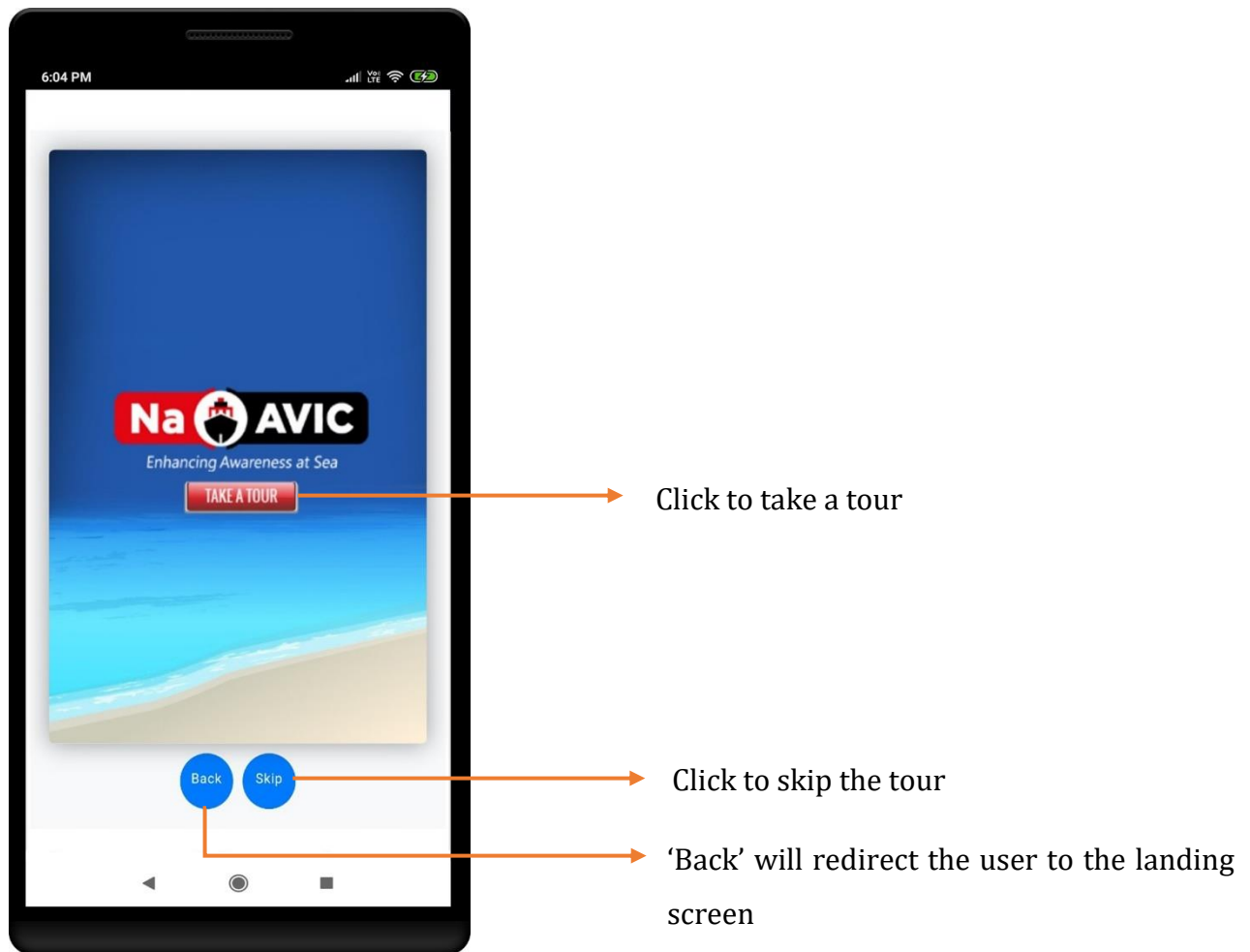
Location Access



Allowing access will help track the user's location accurately

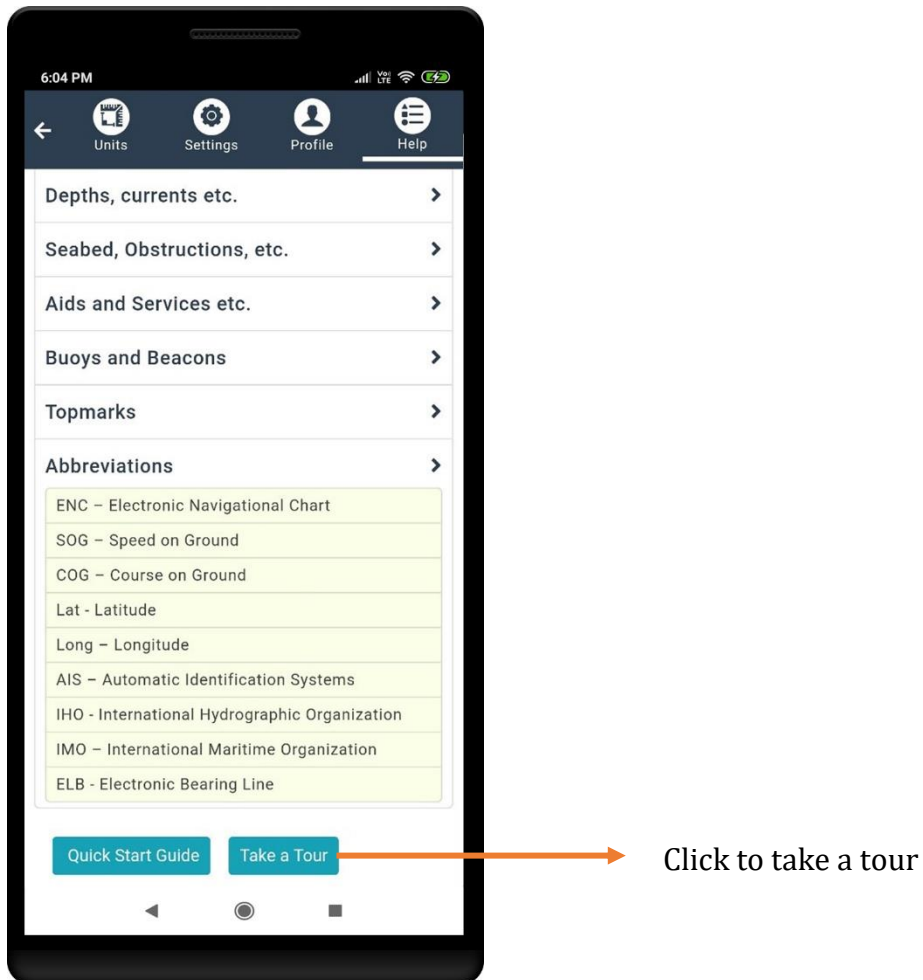
Take a Tour

Take a tour helps with the onboarding process for first time users by showing them how to add/edit/clear/delete a waypoint and import/export a route. Once logged in, first time users are redirected to this screen.

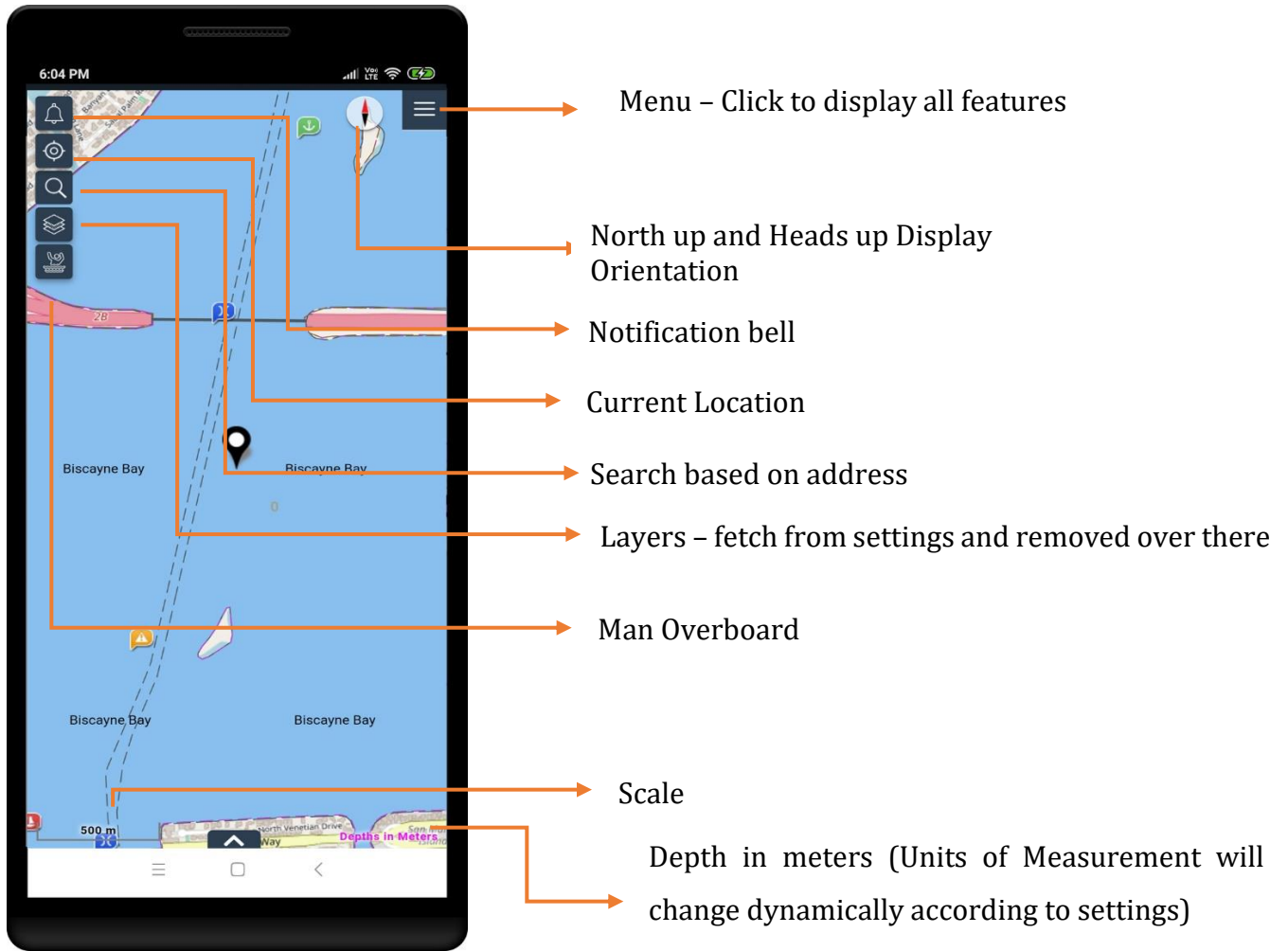


Application provides facility to take a tour If Users wishes to avail this feature later the part.

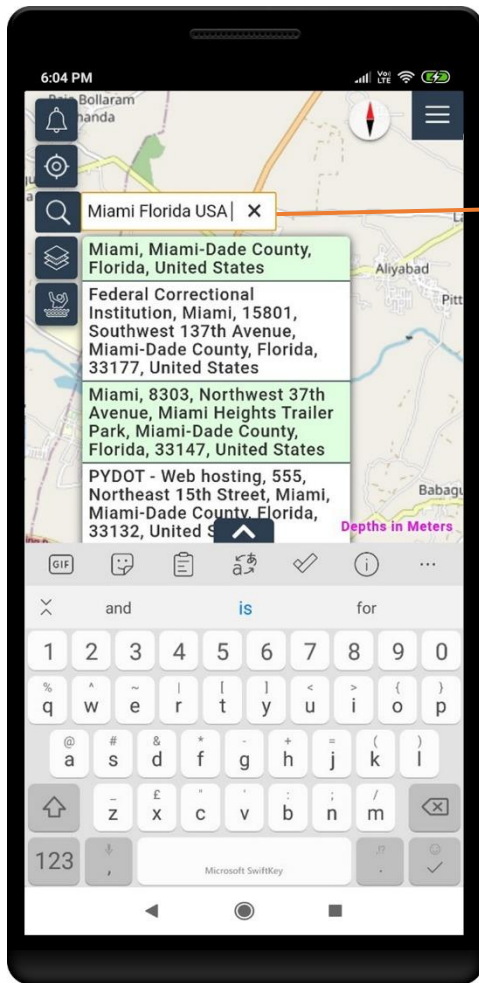
Go to Settings > Help



Landing Screen



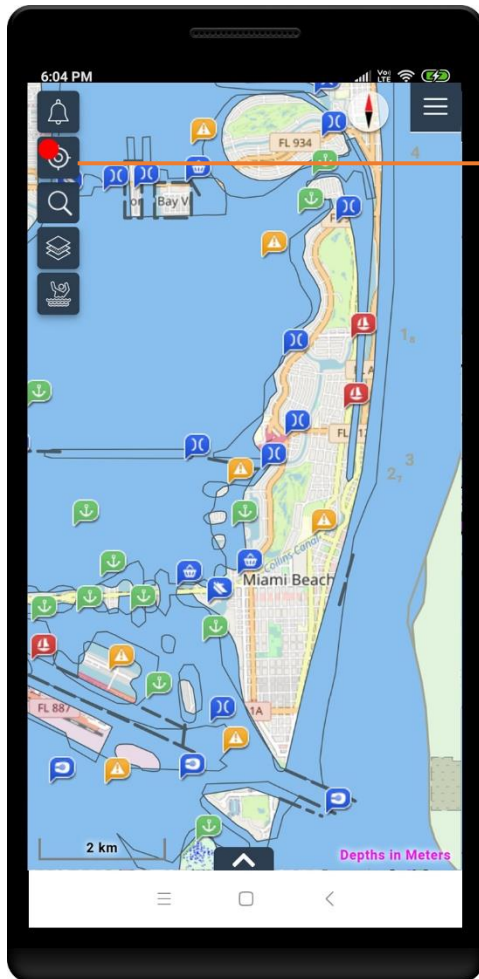
Search



Search based on address

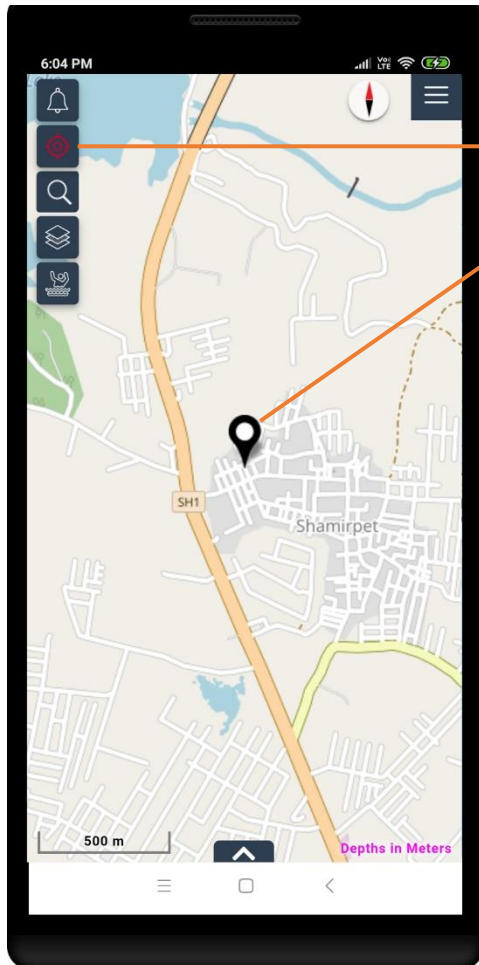
Location

A red dot on the current location icon indicates that the device location setting is turned off



Indicates device location is turned off

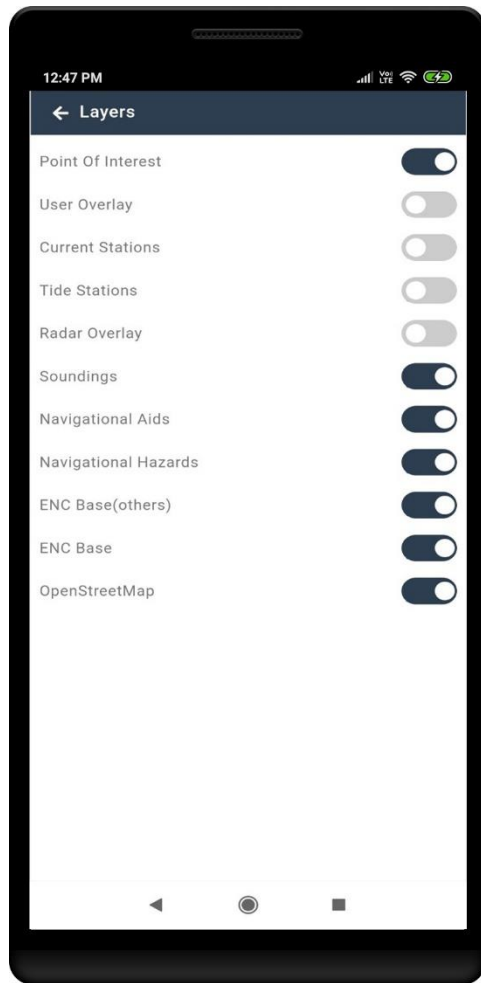
Tap on the current location icon to detect and show the device's current location on the map. The icon color then turns red



Shows the device's current location on the map

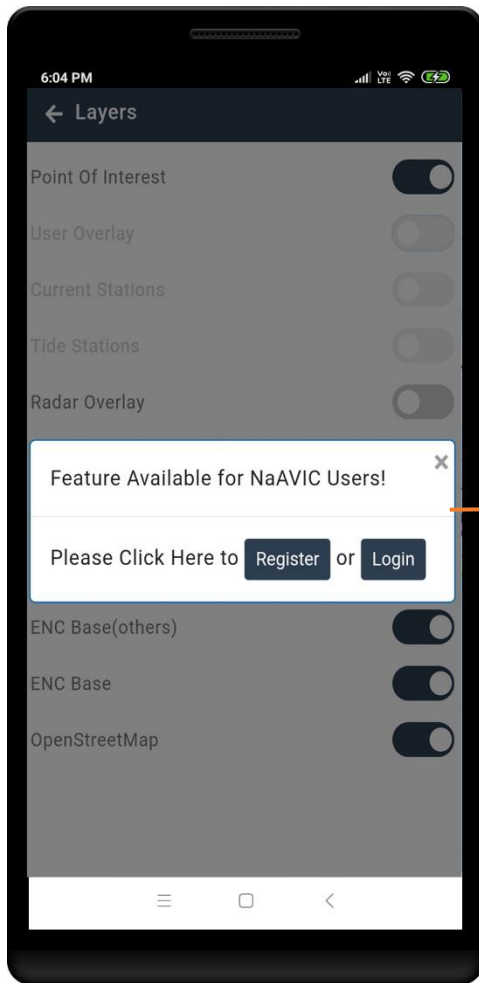
Note: The user has to enable location access to display the device's current location

Layers



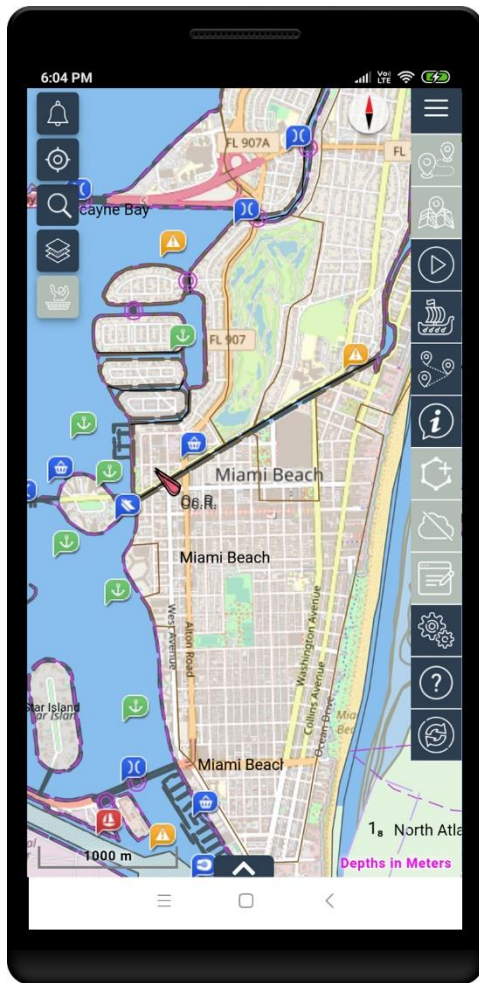
Choose which layers you want to displayed on the map.

Some layers are disabled in the application by default. To enable these layers, the user has to sign in or register for NaVIC.

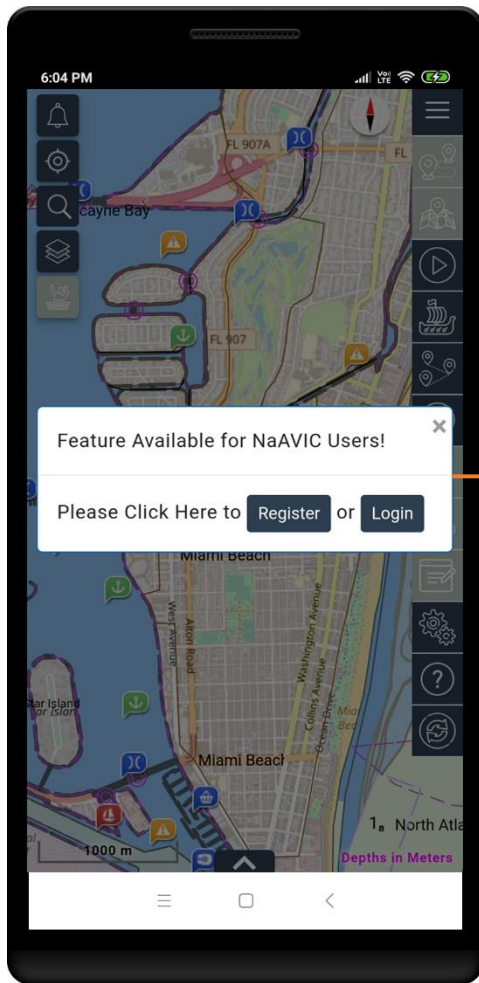


Register / Login to enable all

Menu Screen



Some functions are disabled in the application by default. To enable these functions, the user has to sign in or register for NaAVIC .



Register / Login to enable all menu functions

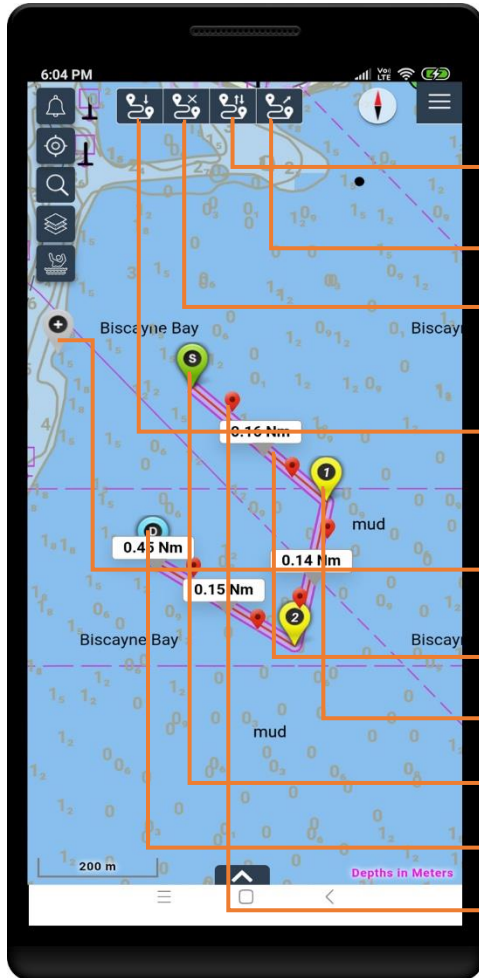
All menu functions will be highlighted once the login is successful.



Route Planning and Management

This feature allows users to create comprehensive routes for navigation. Users can create, edit, clear, and redirect Waypoints to help plan and update their route.

Menu > Route planning & management icon



This enables users to reverse the existing route – start and destination points

Export route

This lets users clear the route

This lets users import saved routes (RTZ or KML formats)

This lets users create waypoints. Drag and drop to create a new waypoint

Route

Waypoints


Start Waypoint

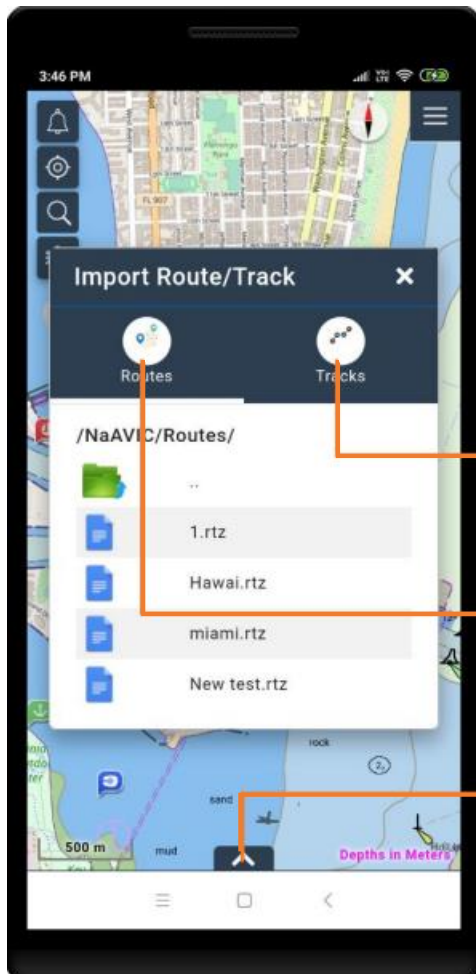
End Waypoint

Cross track marker

Import Route / Track

This feature allows users to import a saved Route or Track and activate that for navigation.

Tap on Import Route / Track icon 

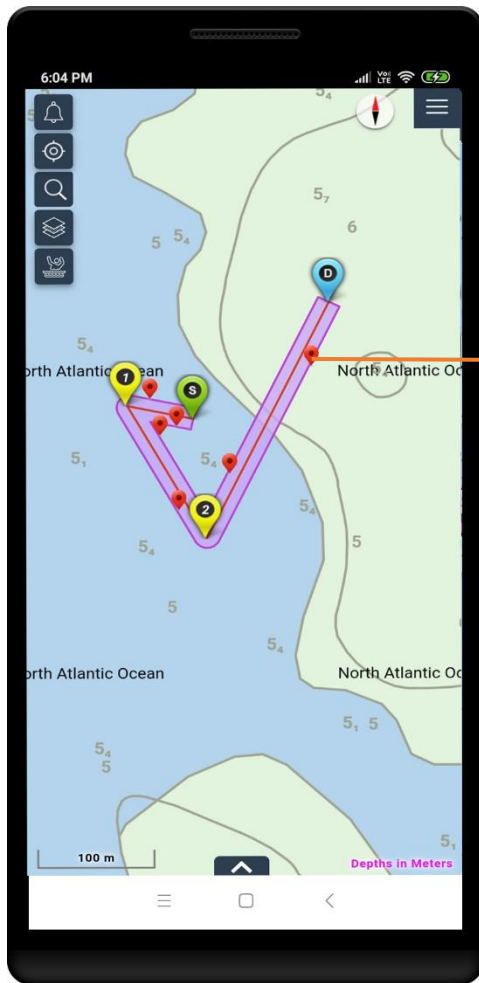


User can import Tracks in RTZ or KML formats

User can import Routes in .rtz or kml formats

Swiping up displays details such as Navigation data or Waypoint list.

Cross Track Marker




Drag red marker to adjust cross track buffer that is XTR and XTL

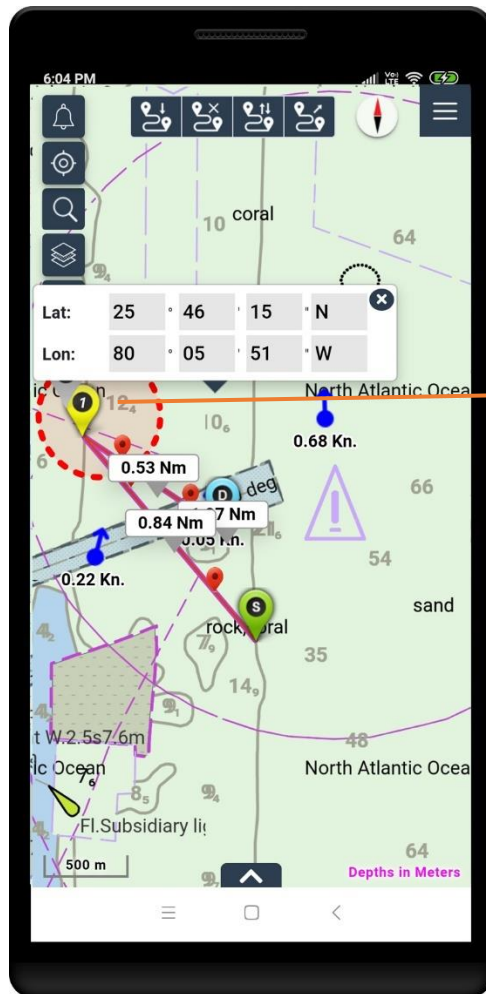
Add Waypoint



Distance between the waypoints displayed by app automatically

Drag and drop  to add waypoints


Delete Waypoint

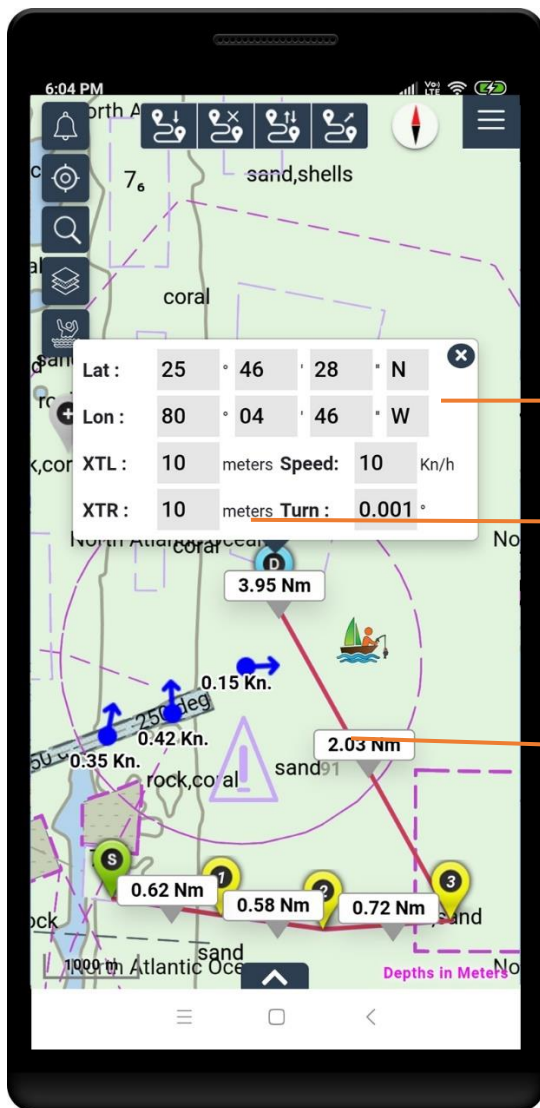


Drag and drop marker into the red circle, the waypoint gets deleted

Edit Waypoint

This feature allows users to edit a waypoint and make changes to parameters such as position, cross track buffer, speed, and rate of turn.

Menu > Waypoint icon. 

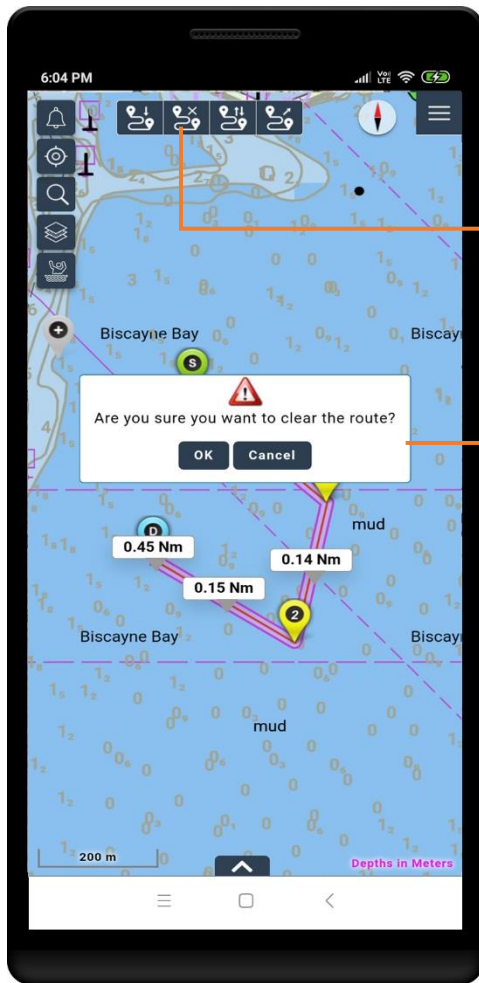


Waypoint details

Tap on Edit to modify the waypoint

Distance will automatically update when edit waypoint

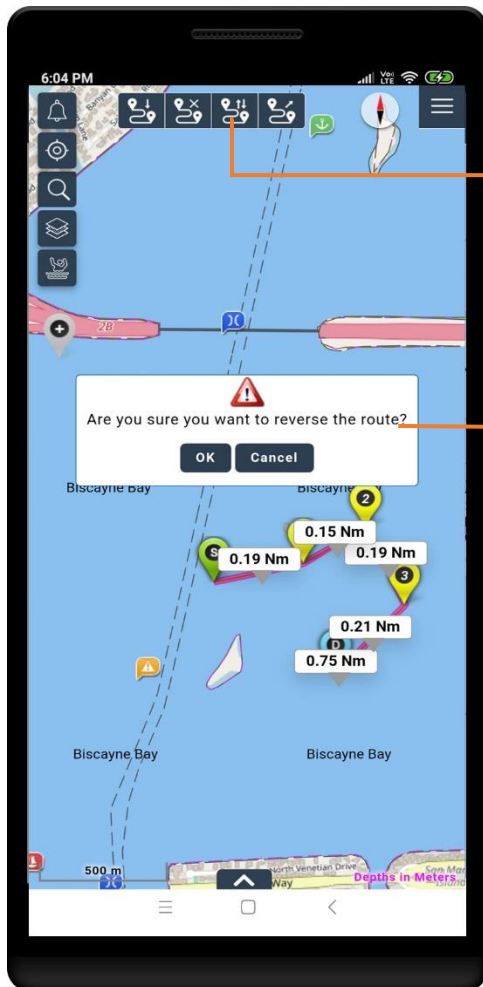
Clear Route



Tap Clear Route icon, displays the following dialogue box

This lets users clear the route by clicking OK

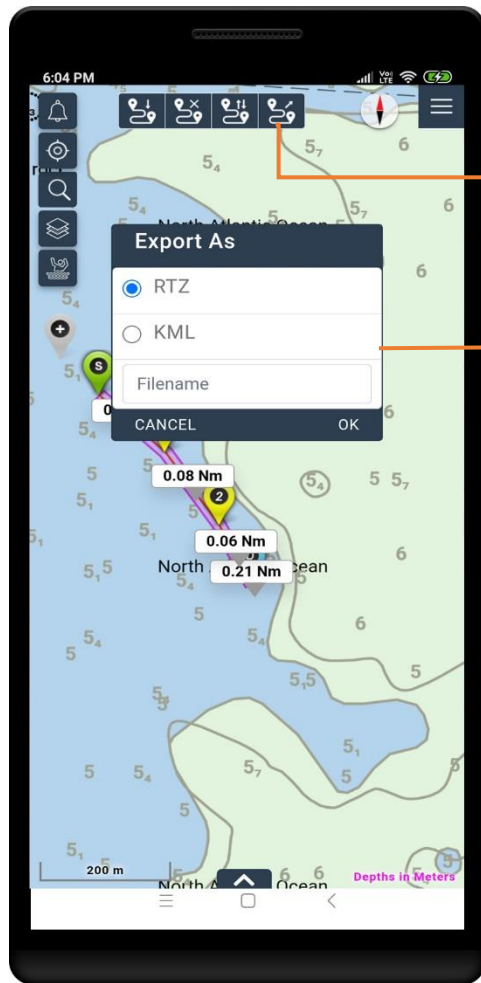
Reverse Route



Tap Reverse Route icon, displays the following dialogue box

This enables users to reverse the existing route – start and destination points by clicking OK

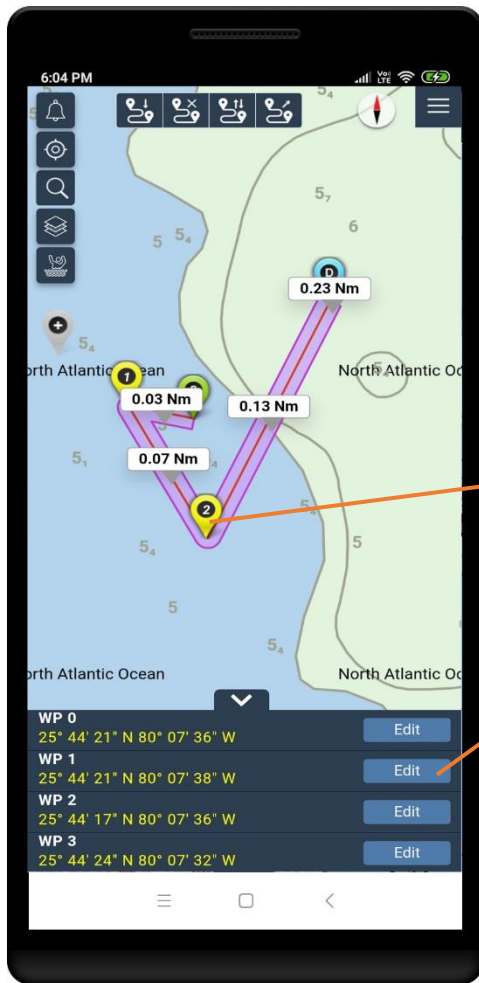
Export Route



Tap Export Route icon

Select the format and click OK to save route

Waypoint List



Waypoint properties can be edited by clicking on waypoint **or**

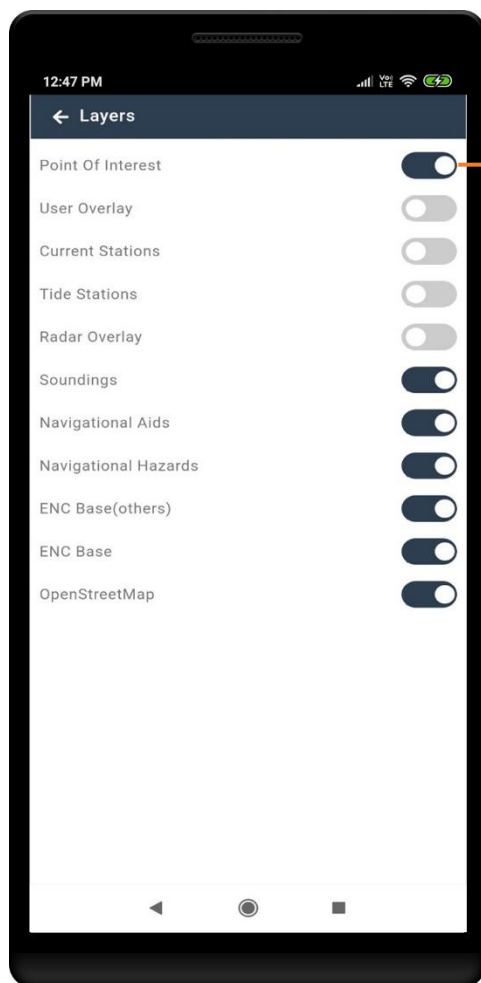
Click **Edit** to modify respective waypoint

Point Of Interest (POI)

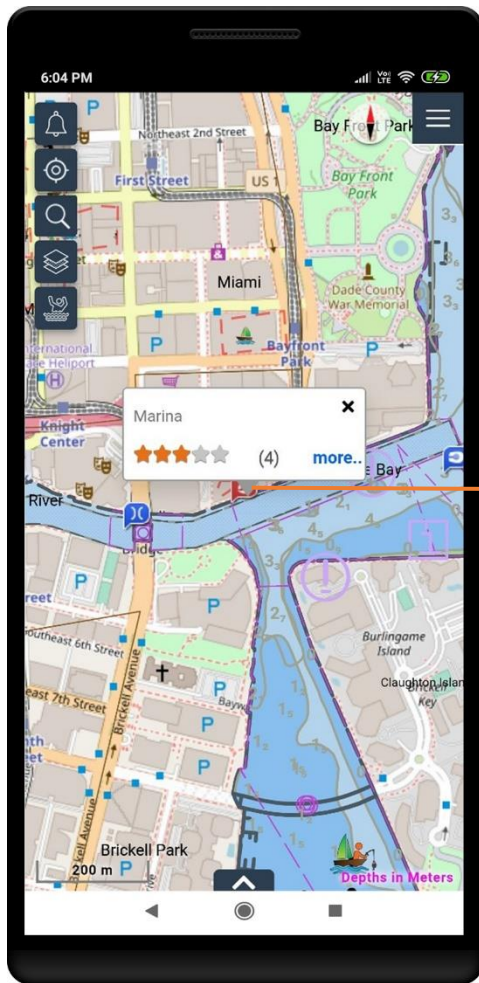
NaAVIC users can now share their experiences and views with Active Captain Community to make all boating adventurers safer and more enjoyable.

NaAVIC integrated Garmin Active Captain Community and users must have an account with Active Captain and should login to share reviews, view different user objects i.e. Hazards, Bridge, Dam, Amenities like Restaurants, Fuel and Transportation etc. near to their place while riding.

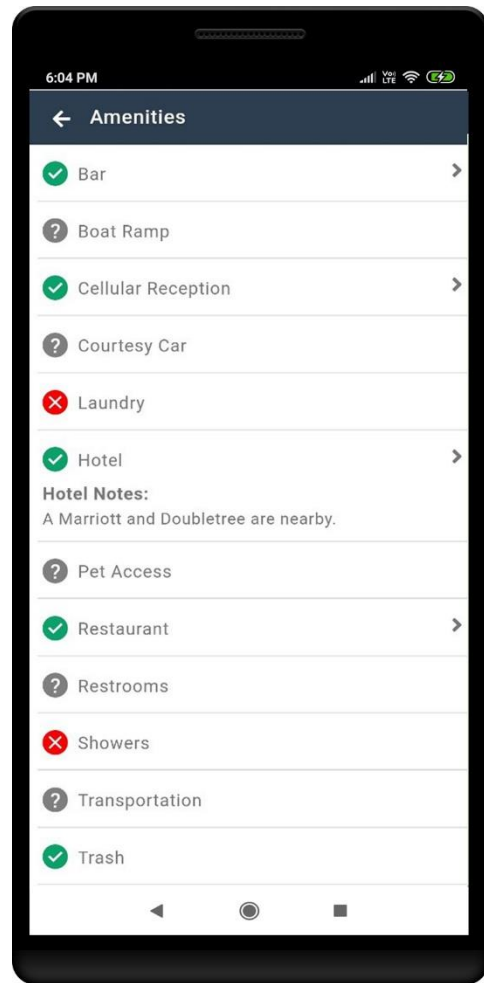
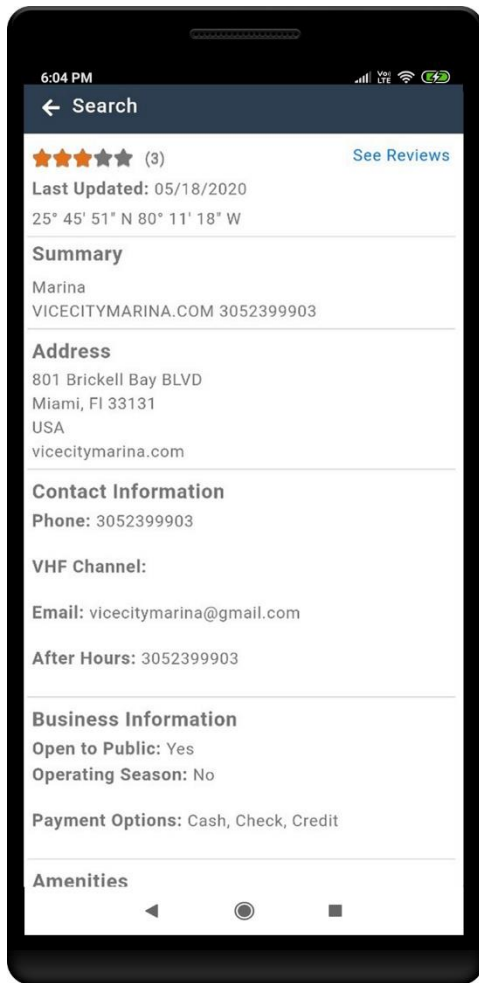
Users can also see reviews posted by other community users and can also able to post their reviews as well.



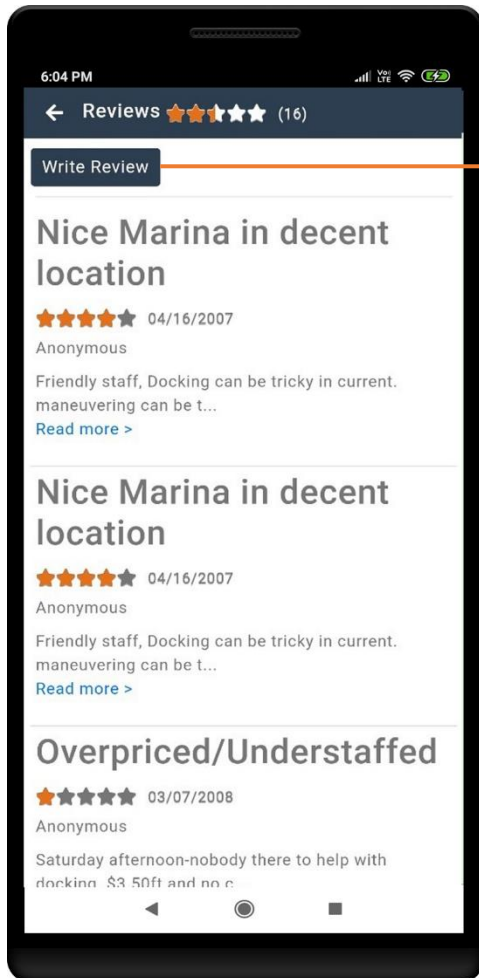
Enable Point Of Interest in Layers to view objects on Map



Click on object, popup will be displayed with name of the object and its rating.
Click on “more” to view other information



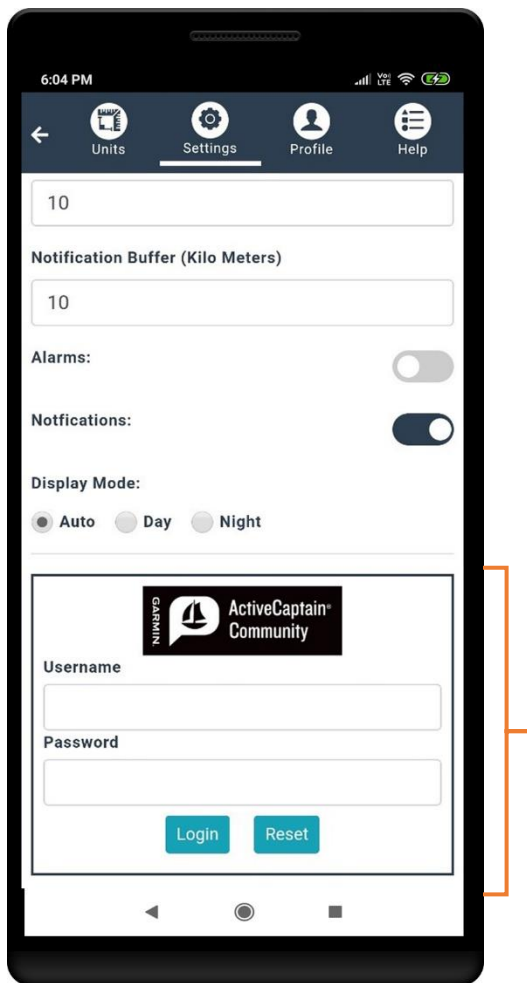
User can view more information about the object like address, contact information, amenities etc. posted by other users.



Click to Write Review

Note: To write a review, users have to login to ActiveCaptain

Click on 'Settings' icon > Settings



Use Active Captain Credentials to login – enter user name & password and click on Login

The screenshot shows a mobile application interface for creating a review. At the top, the status bar displays the time as 6:04 PM, along with LTE signal, Wi-Fi, and battery icons. The app's header is a dark blue bar with a white back arrow and the text 'Create Review'. Below the header, the form consists of several sections: a 'Title' section with a text input field; a 'Date of Visit:' section with a date picker showing '13/01/2023'; a 'Rating:' section with five star icons; and a 'Comments' section with a large text area. At the bottom of the form are two buttons: 'Save' and 'Cancel'. An orange bracket on the right side of the form groups the Title, Date of Visit, Rating, and Comments sections. An orange arrow points from the 'Save' button to the text 'Click to save details.'.

Here, user can write review by giving title, date of visit and select rating.

Click to save details.

Navigation

Users can monitor their track or voyage in real time using GPS integration.

Menu > Navigation icon 

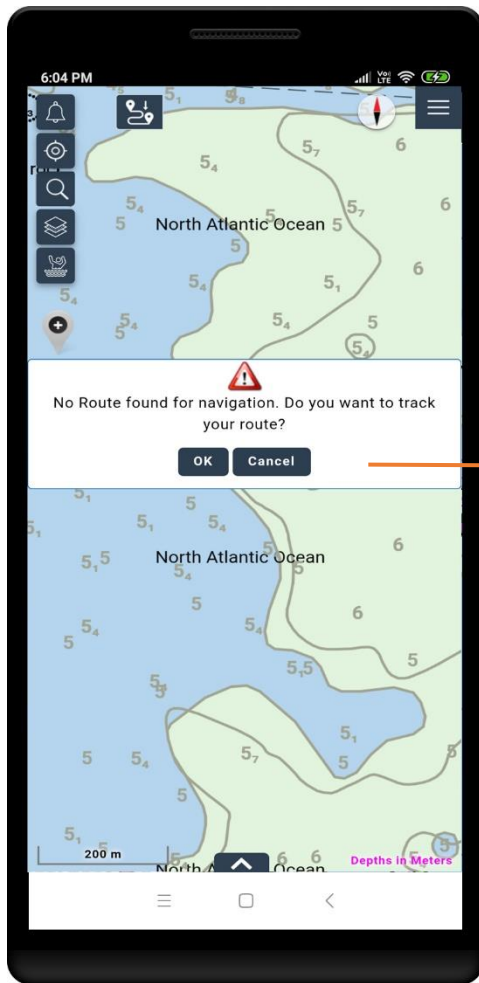
Drag the container handle (in the bottom) up for Navigation Information.



Turn on GPS to Plot the current location and track positioning, tracks history and waypoints. The application will also display navigation information like COG, SOG, Latitude, Longitude etc.

Track your own route

When the route is not found, user prompts with dialogue box to track the route.



Click OK to track the route

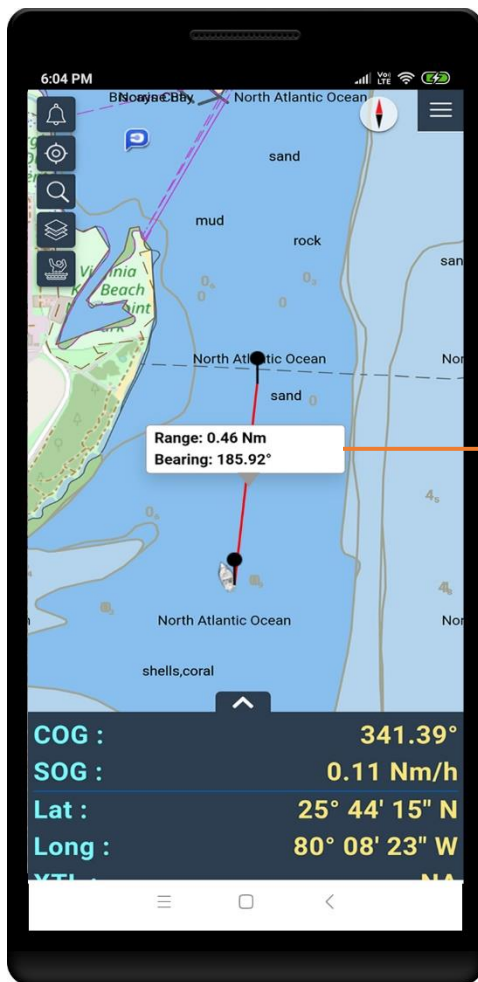
Measure Distance from Ship

This feature calculates the distance between the ships to a known point. Displays Range & Bearing details.

Menu > Multi point distance calculation icon.



Pick any known point to calculate distance from ship



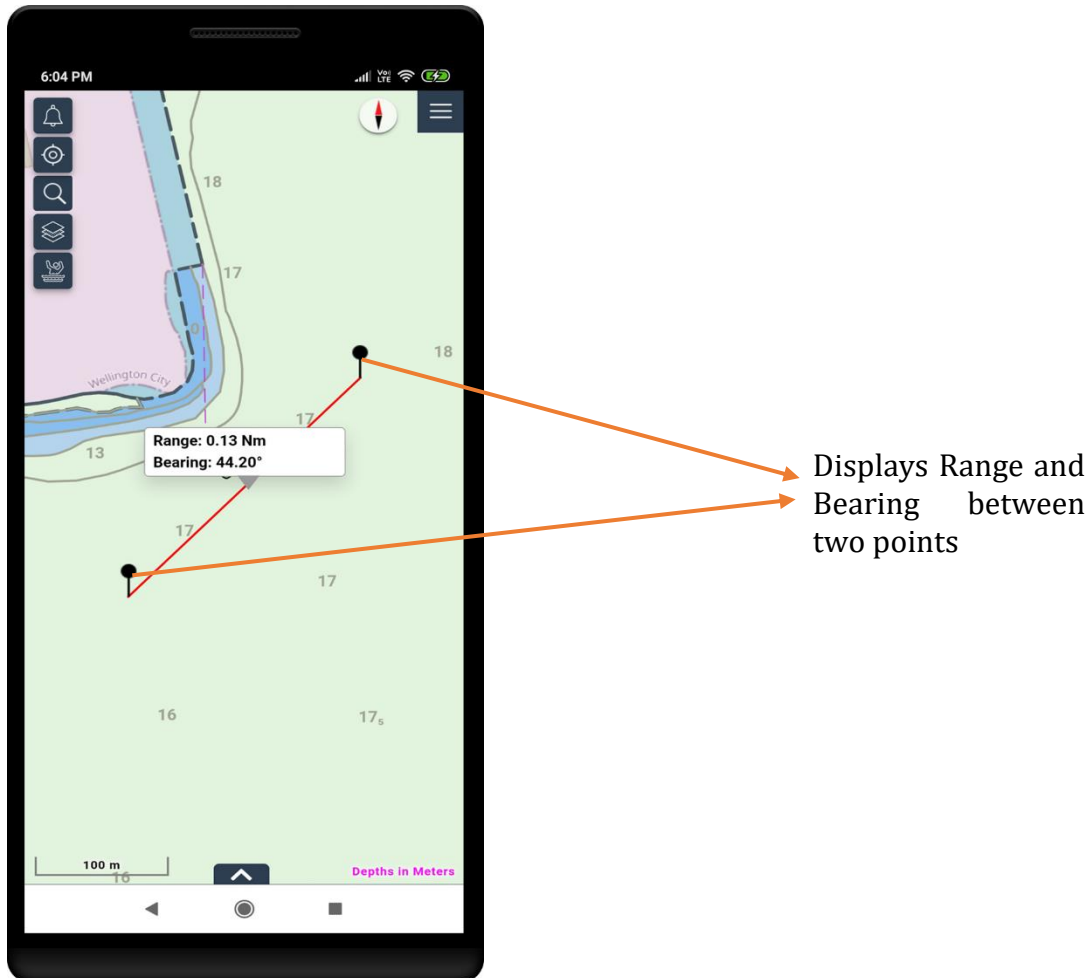
Displays Range & Bearing

Measure Distances

This feature enables users to measure the distance and bearing between two known points or more.


Menu > Measure Distances icon 

Pick two points to calculate the distance and bearing

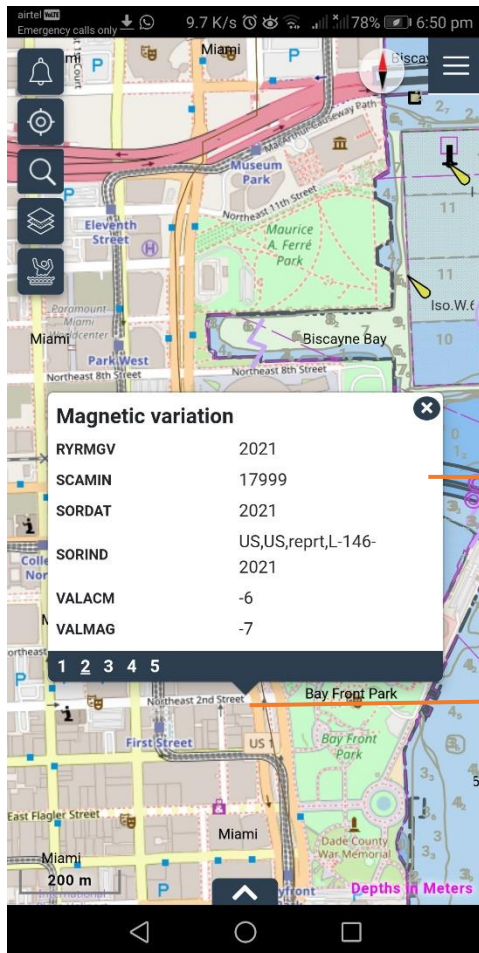


Feature Information

This feature enables users to tap on any feature on the screen to get information of that point.

Menu > Information icon. 

Tap on map



Displays feature's information in detail at the given location.

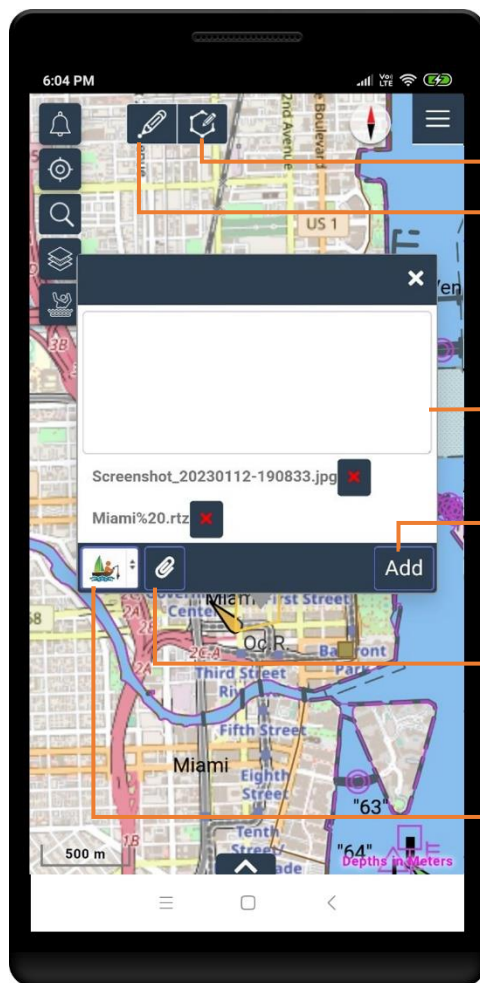
Click on the next number (bottom of info) to know the feature information.

Tap on map

Add Features Object

This feature enables users to add objects with text and media to the User Overlay to share information such as diving, fishing, surfing spots etc. Or interesting photos and sights, with the rest of the NaAVIC community. The User Overlay is visible to all NaAVIC Users but an object can only be modified or deleted by the owner.

Menu > Add Features Objects icon



Draw Polygon.

Draw Point.

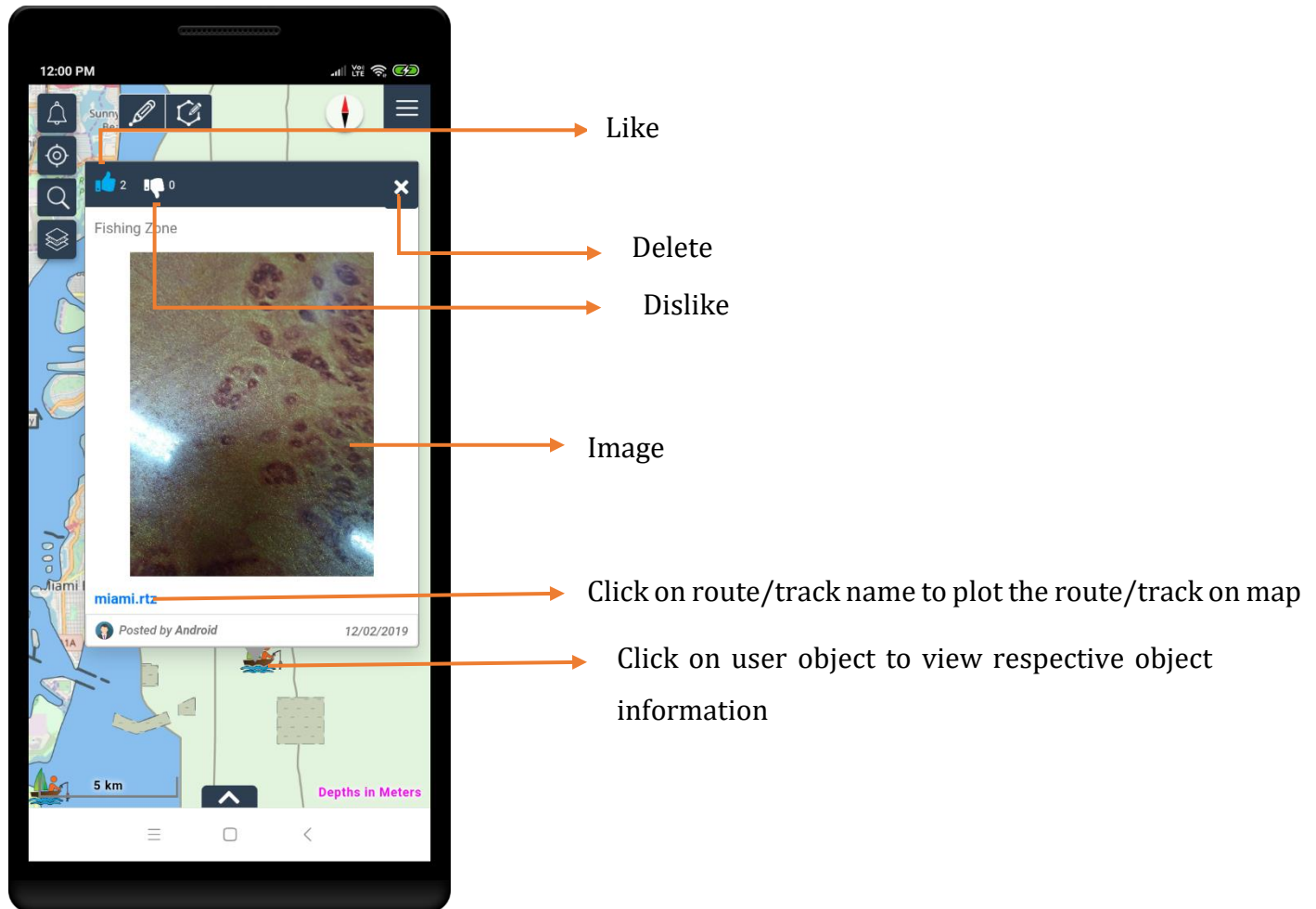
Enter text in the provided text box.

Click on Add to add User object to map

Attach images and Routes or Tracks

Select type of object with predefined icons such as fishing, boating, surfing etc., to display on map.

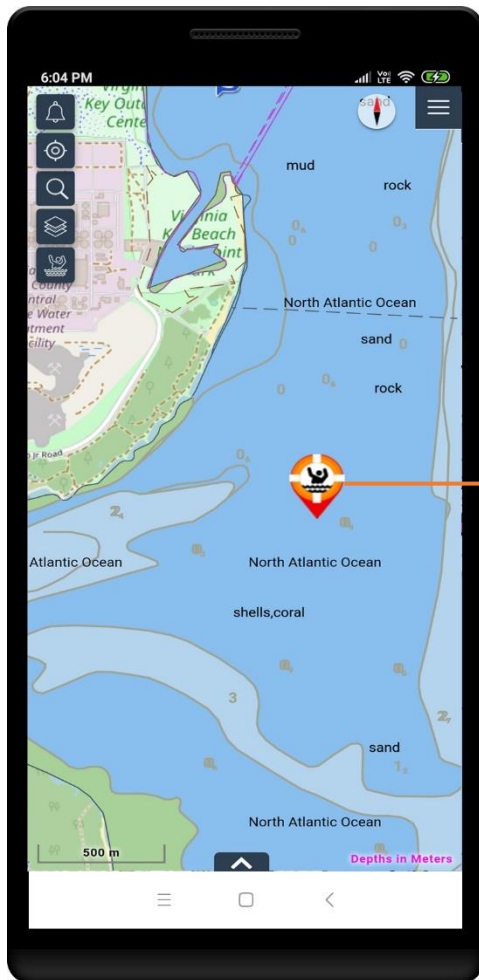
View User Object



Man over Board

Using this feature NaAVIC users can let other registered users know if any person has fallen off board and needs help.

Menu > Man over Board icon 



Notifies if anyone falls off the vessel or needs any assistance on the voyage

Offline Maps

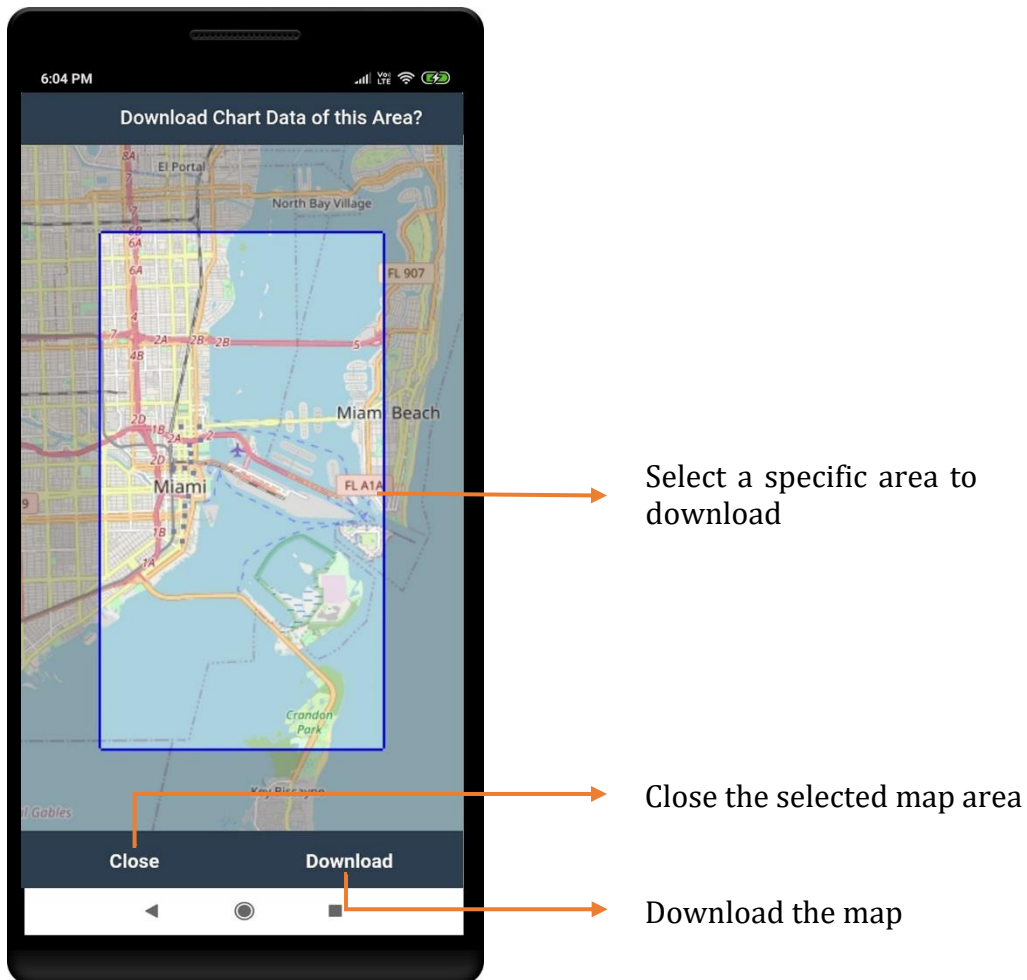
This feature lets users download maps for offline use.

Menu > Offline Maps icon 

Choose the navigation area by zooming in and out

Click on 'Download'

Note: The offline data will be stored in local device and hence the application use the data while navigation.

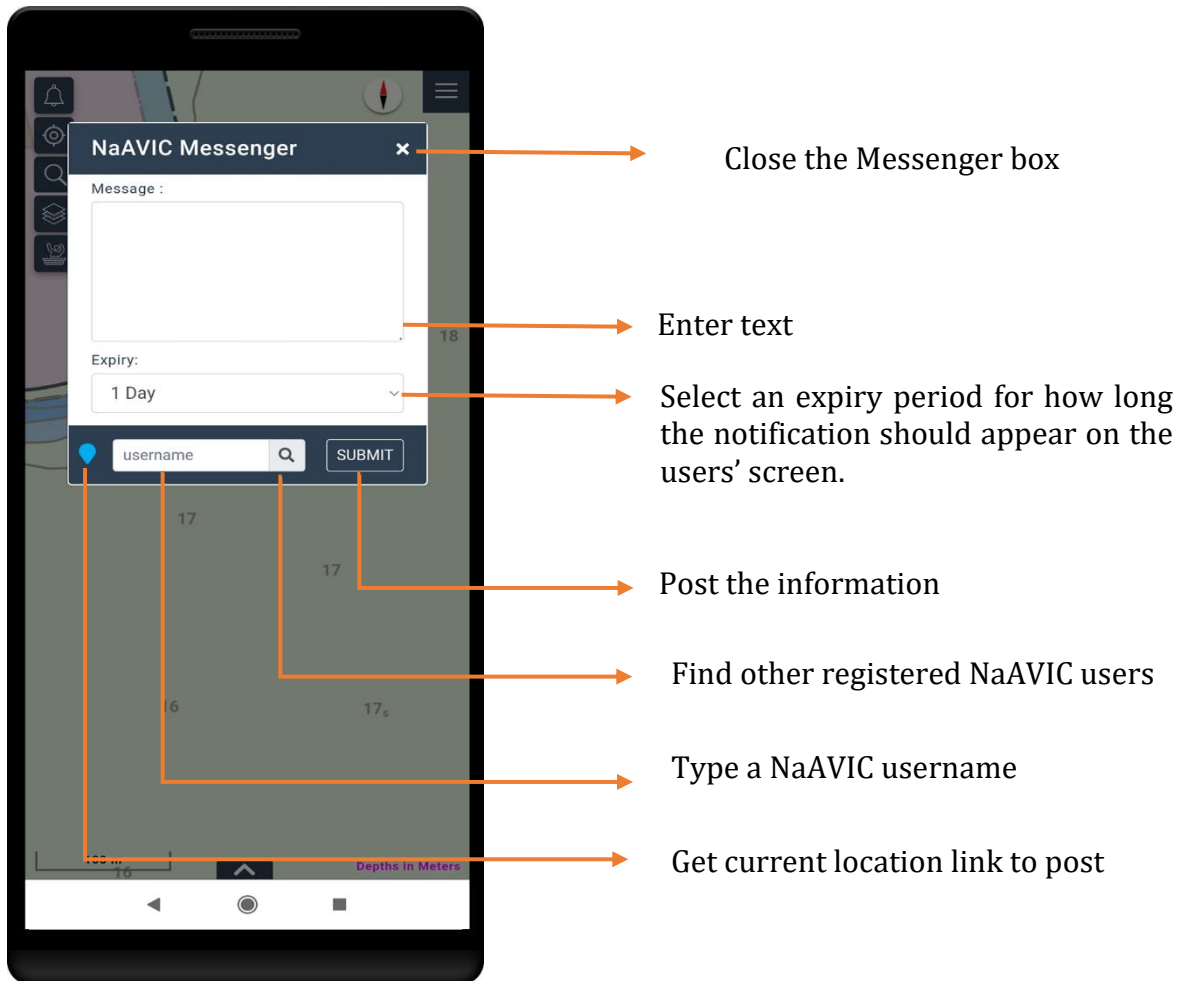


NaAVIC Messenger

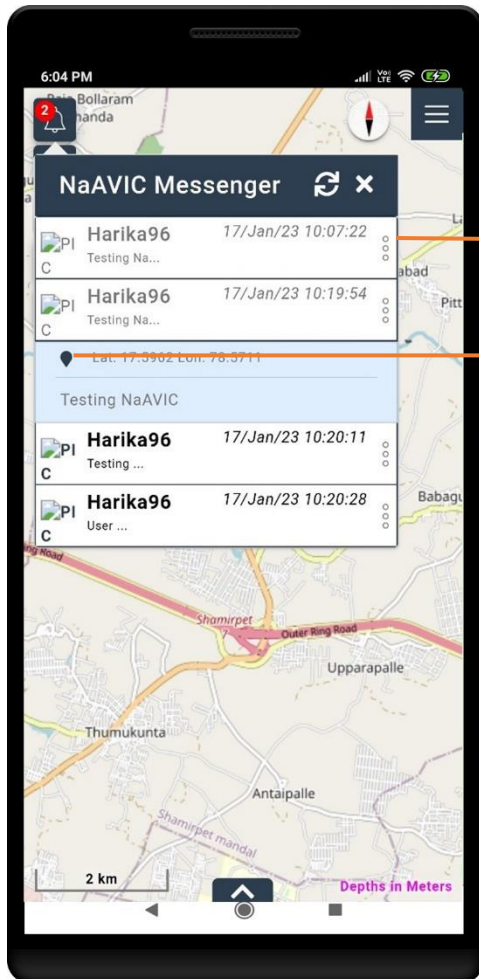
Using this feature users of NaAVIC can send information, location etc. to other users. Users can set an expiry period for the notifications.

Menu > Messenger icon 


Compose



Notification View



Displays all notifications

Click on  to zoom the location

Settings

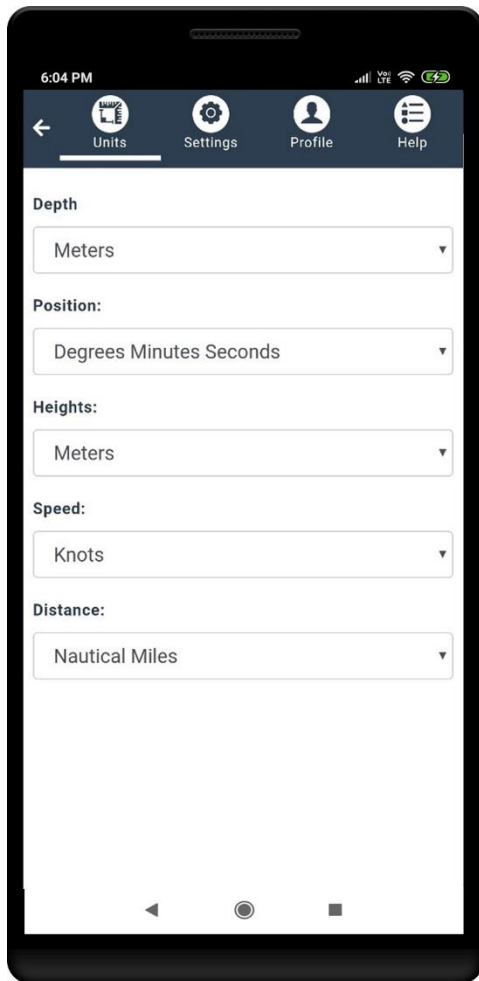
Go to Settings to customize the various available features and modify the user profile.

Menu > Settings icon 

The Setting function shows below options to configure the application in terms of, display, Units, Profile information and Legend of Chart Symbols & Abbreviations.

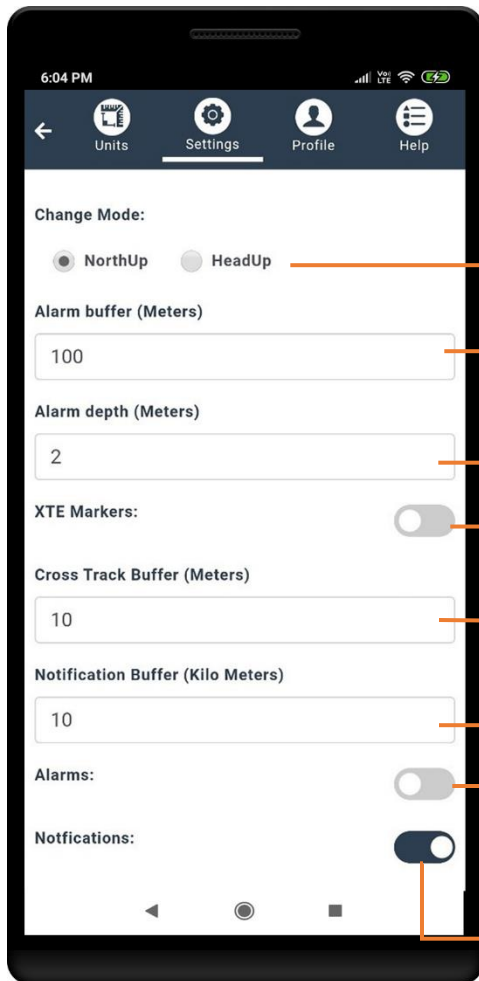
- Units
- Settings
- Profiles
- Help

Units



Set units for Depth, Position, Heights, Speed and Distance using the available drop-down.

Settings



User can check radio button for Northup or Head Up display orientation when navigation

Set value for Alarm buffer in meters and get notified

Set value for Alarm depth in meters and get notified if depth meets the distance.

To show cross track markers

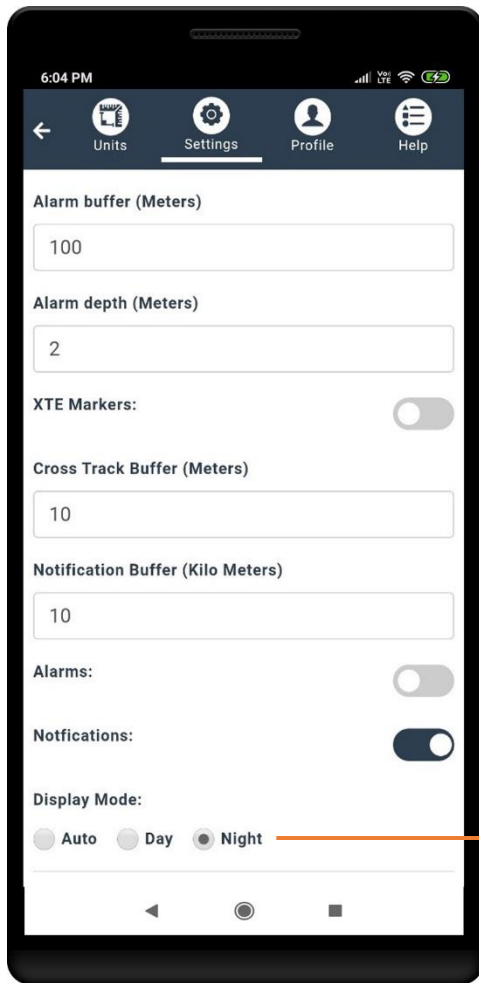
Set value for Cross Track buffer in meters and get notified if vessel crosses defined route while sailing.

Set value for Notification buffer in KMS at which circumference the user wants to get notifications.

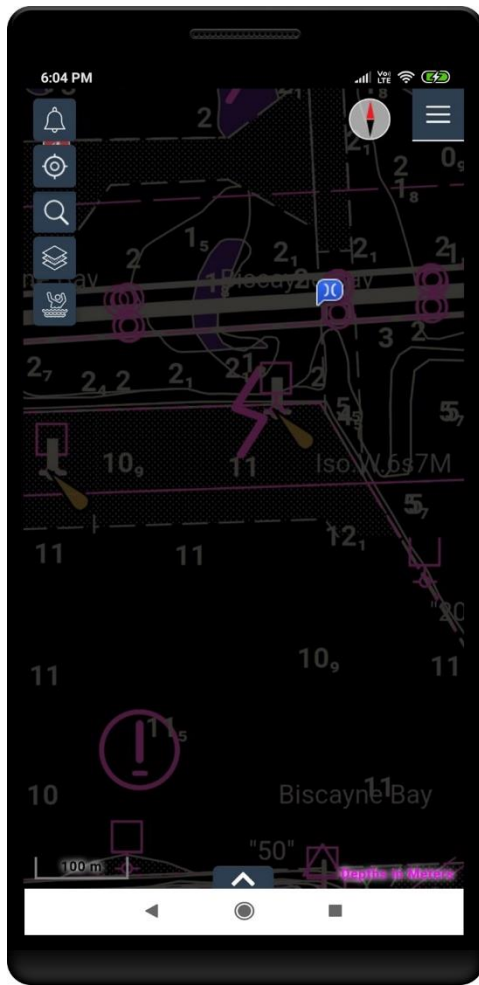
Alarm On/Off. When Alarms feature is enabled, the voice mode turns on

Notification On/Off

Night Mode



Night Mode activates when the sun sets, or the user can manually set it using the Display Mode.

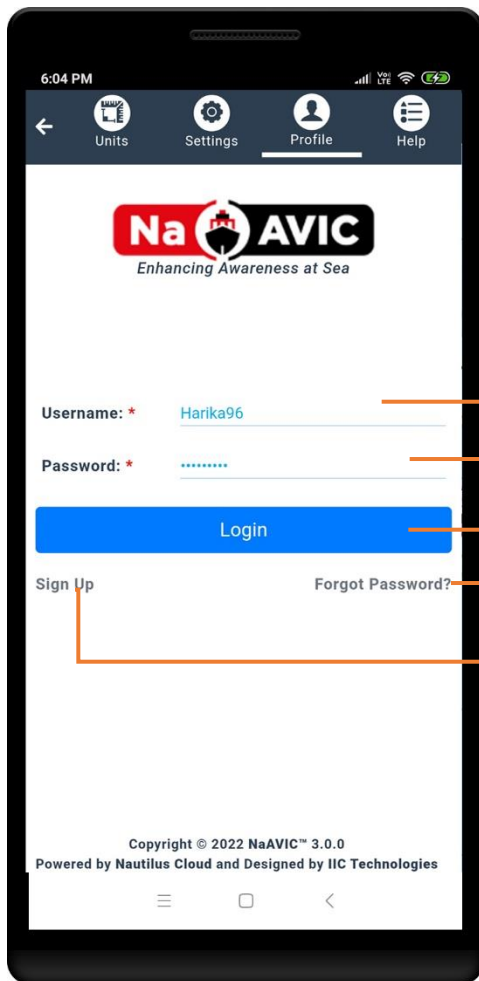


Screen displays night mode when selected

Profile

The profile tab lets users view and modify their profile and invite friends to the NaAVIC community.

Sign In

The image shows a mobile application interface for NaAVIC. At the top, there is a navigation bar with icons for Units, Settings, Profile (which is highlighted), and Help. Below the navigation bar is the NaAVIC logo with the tagline "Enhancing Awareness at Sea". The main content area contains a sign-in form with two input fields: "Username:" with the text "Harika96" and "Password:" with masked characters. Below these fields is a blue "Login" button. At the bottom of the form, there are two links: "Sign Up" on the left and "Forgot Password?" on the right. The footer of the app displays copyright information: "Copyright © 2022 NaAVIC™ 3.0.0" and "Powered by Nautilus Cloud and Designed by IIC Technologies".

Enter Username

Enter Password

Login

Forgot Password

Sign up to register as a new user

Forgot Password

6:04 PM

Units Settings Profile Help

NaAVIC
Enhancing Awareness at Sea

Forgot Password

User

Enter Username

CANCEL SUBMIT

Password: * *****

Login

Sign Up Forgot Password?

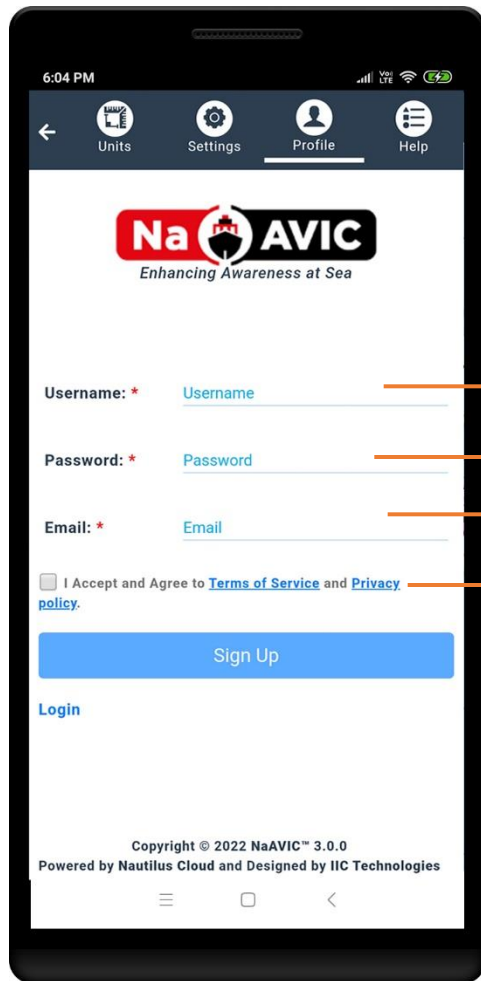
Copyright © 2022 NaAVIC™ 3.0.0
Powered by Nautilus Cloud and Designed by IIC Technologies

Enter Username

Click Submit

A pop-up window will appear with the message
'Password reset link has successfully been sent
to the registered email'

Sign Up



The image shows a mobile application interface for NaVIC. At the top, there is a navigation bar with icons for Units, Settings, Profile, and Help. Below this is the NaVIC logo with the tagline "Enhancing Awareness at Sea". The main content area contains a sign-up form with the following fields: Username (with a red asterisk), Password (with a red asterisk), and Email (with a red asterisk). Each field has a placeholder text (Username, Password, Email) and a blue arrow pointing to it from the right. Below the form is a checkbox labeled "I Accept and Agree to Terms of Service and Privacy policy." with a blue arrow pointing to it from the right. At the bottom of the form is a blue "Sign Up" button. Below the button is a "Login" link. At the very bottom, there is a copyright notice: "Copyright © 2022 NaVIC™ 3.0.0 Powered by Nautilus Cloud and Designed by IIC Technologies".

To Sign Up, fill out all the required fields on the screen. Agree to the privacy policy and terms of service.

Enter Username

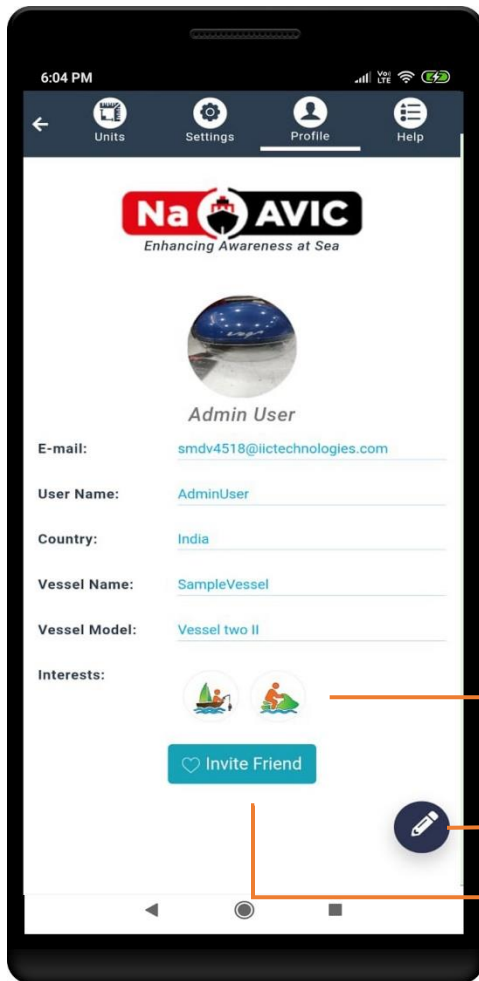
Enter Password

Enter Email Id

Accept the Terms of Service and Privacy Policy

The user will be notified once the registration is successful and can sign in with the new credentials.

View Profile



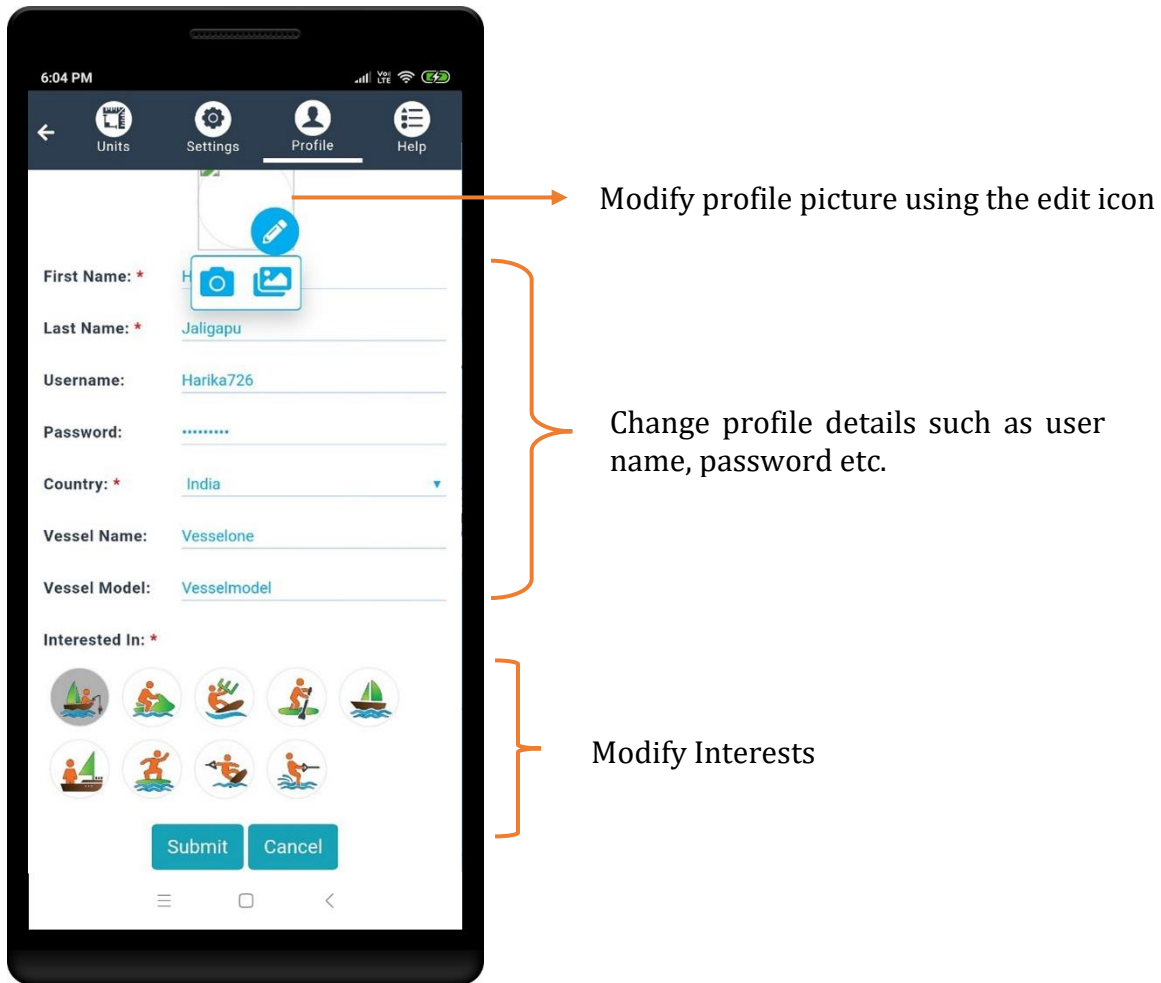
User details such as Email, User Name, Country, Vessel Name and Vessel

Interests

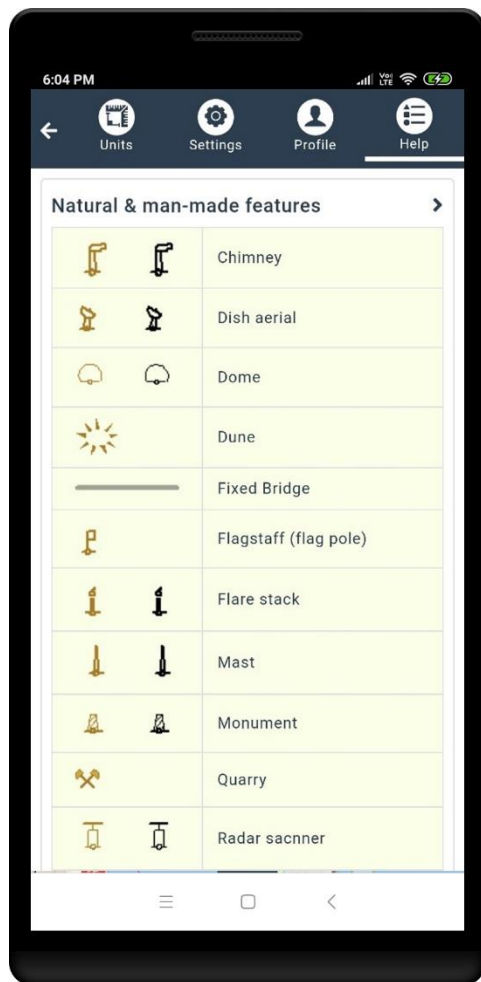
Edit user profile

Invite friends to join NaAVIC. It opens the default email application on device.

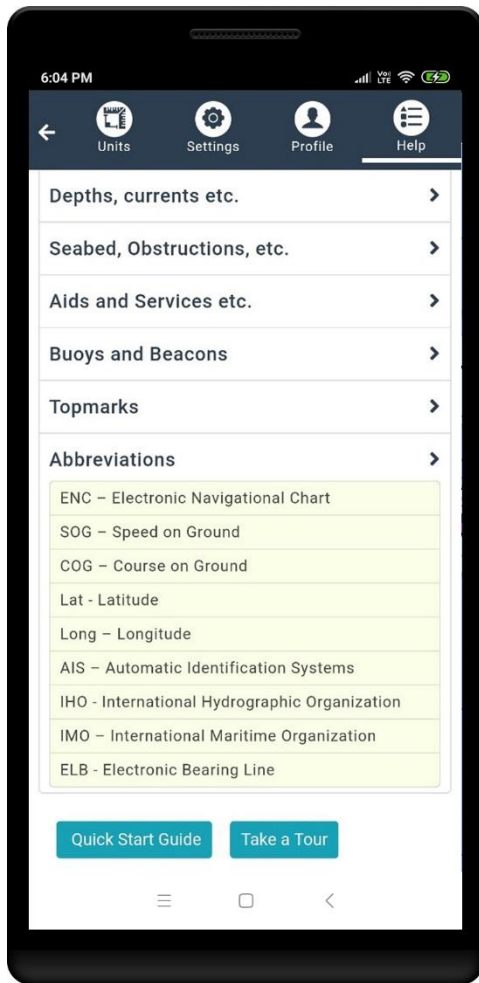
Edit Profile



Help



Legend of Navigational Charts symbols
along with descriptions



Included Abbreviations with description for easy understand to user, which were used in application, while navigation.