

# iPhone & Watch App Quickstart Plus Plan Subscription

This is the Quickstart for the Pathfinder Plus Plan. This plan supports the following B&G instruments:

- H5000
- Hercules
- Triton

along with your iPhone's GPS, to provide input on your starts and course information during your race.

To access the Pathfinder Sailing Basic Plan Quickstart, go to the [Pathfinder Basic Plan Quickstart](#). That plan uses your iPhone GPS and does not provide instrument connectivity.

This Quickstart will show you how to:

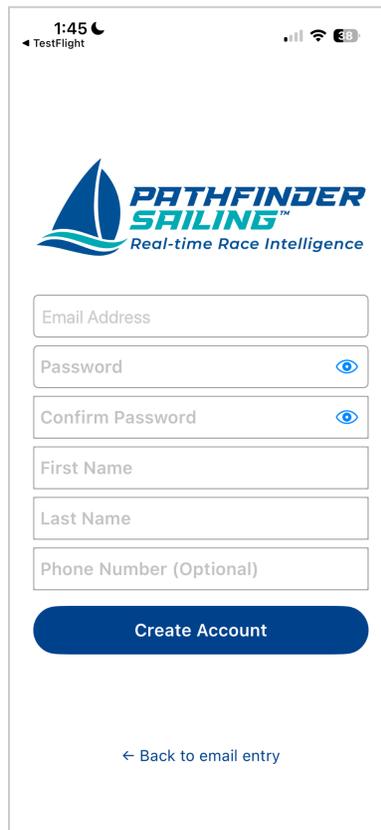
- Download the app from the Apple App Store
- Create a Pathfinder Sailing Account
- Choose a plan that will bill your credit card after the free 30-day trial
- Create a boat profile and manage your boats
- Connect to your boat's wifi and B&G Instruments
- Set up the app on your Apple Watch

## Install the App

1. Download the Pathfinder Sailing mobile app via the Apple App Store [here](#). After downloading, open the app.
2. Enter your Email address at the prompt and Select 'Continue.'
3. If you already have a Pathfinder account with that email address, you will be prompted for your password

If you are creating a new account, you will be prompted to create a password and your name.

Select 'Create Account'



1:45  
TestFlight

**PATHFINDER SAILING™**  
Real-time Race Intelligence

Email Address

Password 

Confirm Password 

First Name

Last Name

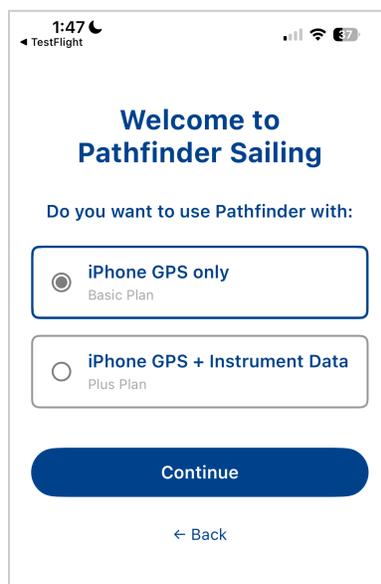
Phone Number (Optional)

Create Account

← Back to email entry

4. Select a plan from the two options. You will not be billed until your free trial ends after 30 days.
  - Basic Plan: iPhone GPS only if you do not plan to connect to your B&G instruments
  - Plus Plan: iPhone GPS and instrument data, which will stream to your app screens directly from your instruments

Select 'Continue'.



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**Welcome to Pathfinder Sailing**

Do you want to use Pathfinder with:

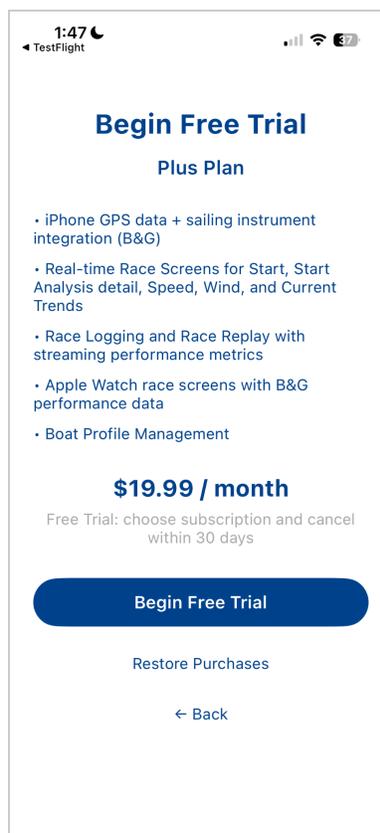
iPhone GPS only  
Basic Plan

iPhone GPS + Instrument Data  
Plus Plan

Continue

← Back

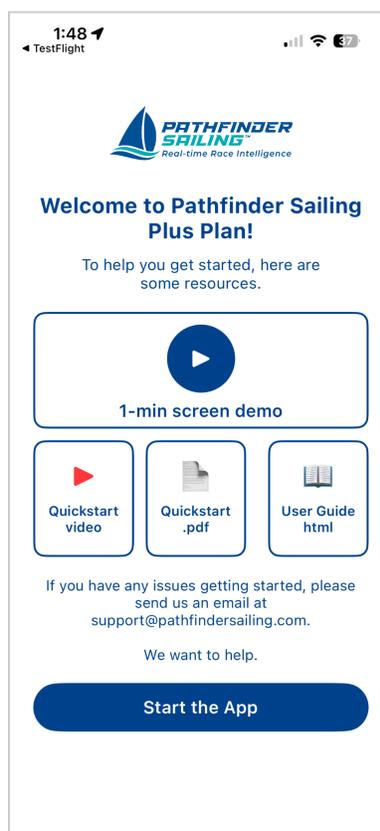
5. Select 'Begin Free Trial' for the Plus Plan and confirm the subscription that will begin after the 30-day free trial period



6. After selecting the Plus plan, you will see the Welcome Screen, where you can view a 1-minute screen demo to get a feel for the different screens that are included with your selected plan.

There are also links to Quickstart videos, this Quickstart pdf, and the more detailed User Guide for your plan.

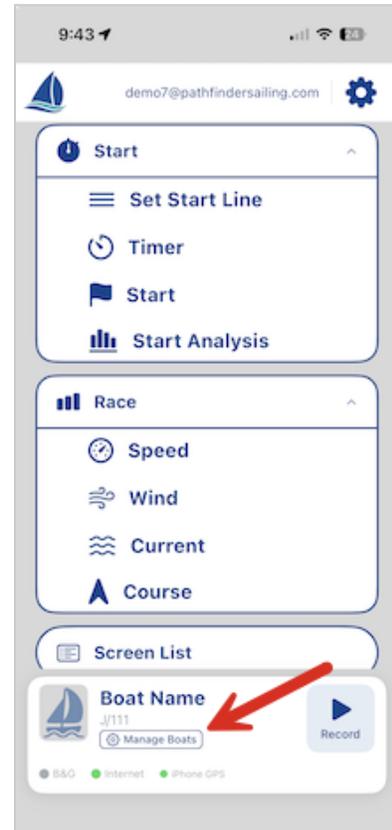
When ready to proceed, click 'Start the App'.



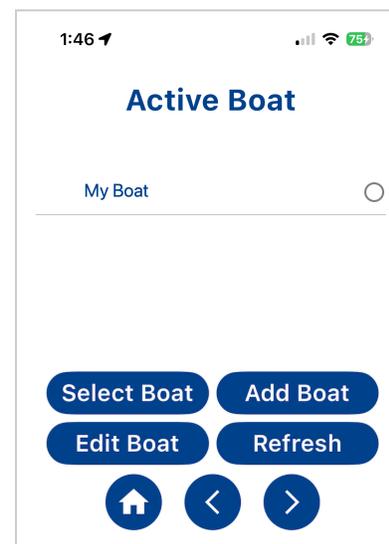
7. You will then be taken to the mobile app Home page.

8. Before using the app, it is recommended that you create a boat profile for the boat you will be sailing on.

To create a boat profile, select Manage Boats' from the Home screen



9. The Active Boat screen will show profiles for the boats you sail on. The default 'My Boat' profile will work for you without modifications if you want to use that. If you prefer, you can easily create your own profile.



10. To create your own boat profile, select the 'Add Boat' button. Enter the boat name and click Save.

You will advance to the Edit Boat profile screen.

**Add Boat**

Enter a name for your boat. Once added you'll be able to fill in the remaining details.

Name \*

Y Boat

Cancel Save

### Boat Profile screen

- Select your boat type (eg, One-Design class or Custom) from the dropdown and enter your boat length.
- Boat Length: Enter your Boat's Length in meters or feet and inches.
- Select the Instrument B&G H5000 Triton, Hercules, or Other via (NMEA Connection for Hercules, Triton, or other instruments such as H2000/3000).
- If you subscribe to the Plus plan but are not connecting to the instruments on this boat, select iPhone GPS Only.
- GPS Antenna Offset is the exact distance from the bow to where the instrument GPS antenna is mounted. This is needed to provide an accurate distance to the starting line while starting. If you are unsure of the offset, you can access it from your B&G instrument display > Settings > Calibration > Position > GPS Bow offset and GPS Centerline offset.

11:15 11:15 11:15

Cancel Edit Boat Save

**Boat Name**

Boat Name

**Boat Detail**

Type \*

J/111

Length Switch to meters

ft in

34 0

**Plus Plan Only**

Instrument

B&G H5000

B&G Triton / Hercules

Other (NMEA Connection)

iPhone GPS Only

GPS Antenna Offset Switch to meters

ft in

0 0

**Polars**

Select Polar

Select a polar

Upload Custom Polar

**Network**

IP Address

192.168.0.2

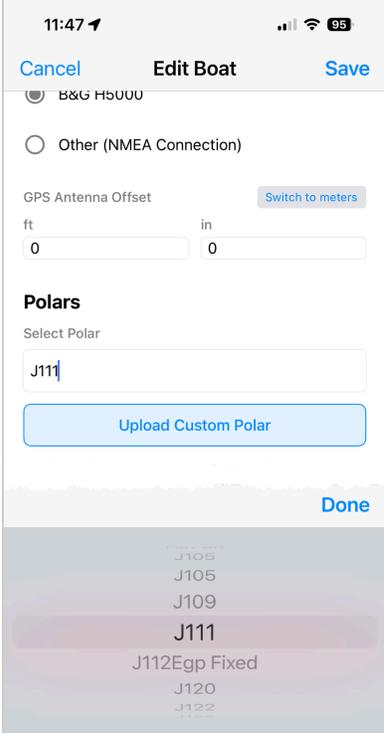
Port

2053

Delete Profile

## Boat Profile screen (cont.)

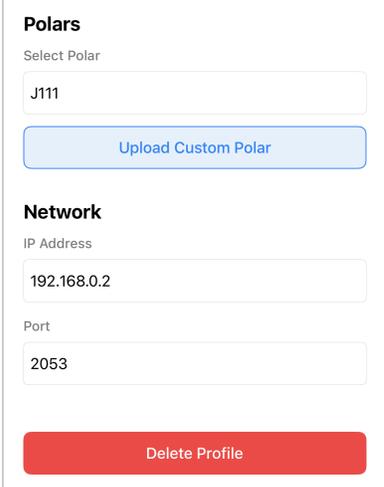
- f. Select a polar, either a standard polar from the polar library or upload a custom polar if you prefer. You can upload as many custom polars as you like.



The screenshot shows the 'Edit Boat' screen for a B&G H5000. At the top, there are 'Cancel', 'Edit Boat', and 'Save' buttons. Below that, the device name 'B&G H5000' is displayed. There is a radio button for 'Other (NMEA Connection)'. The 'GPS Antenna Offset' section has two input fields for 'ft' and 'in', both set to '0', and a 'Switch to meters' button. The 'Polars' section has a 'Select Polar' dropdown menu with 'J111' selected. Below the dropdown is an 'Upload Custom Polar' button. At the bottom right, there is a 'Done' button. A scrollable list of polar options is visible at the bottom, including J105, J109, J111 (highlighted), J112Egp Fixed, J120, and J122.

## Web Socket Connection for H5000

- g. In the Network section, enter the IP Address for your instrument CPU and the port to connect to the web socket. The default address is 192.168.0.2 with a port 2053. If the address has been changed, you can edit the field. If you are unsure of the address, you can easily find it using one of your displays. From your display:
- Go to Settings, press enter
  - Scroll to System and press enter



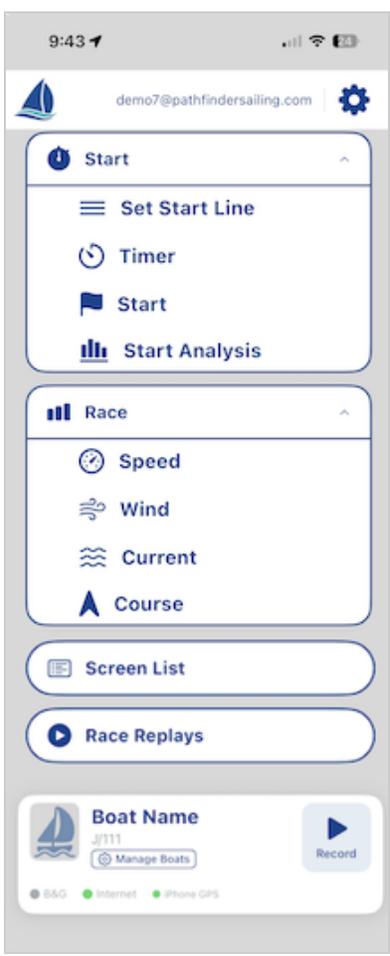
The screenshot shows the 'Polars' and 'Network' configuration screen. The 'Polars' section has a 'Select Polar' dropdown menu with 'J111' selected and an 'Upload Custom Polar' button. The 'Network' section has an 'IP Address' input field with '192.168.0.2' and a 'Port' input field with '2053'. At the bottom, there is a red 'Delete Profile' button.

- iii. Select Network and press Enter
  - iv. Scroll to CPU info and press enter.  
See the address, e.g. 192.168.8.103
  - v. To exit, press Enter and then the waffle key 3 times
- h. Click the 'Save' button at the top of the page, and you will be directed back to the Active Boat page. You should see your boat on the list. If not, select 'Refresh', and save your boat as the active boat.
11. Back on the Active Boat page, click 'Refresh and then 'Select Boat' to make this your default boat.
12. Open your iPhone settings and select the boat's Wi-Fi to connect your instruments to the Pathfinder app. Close Settings and return to the app.

**On the Water**

13. You are now ready to use the app on the water.  
From the Home Page, you can:

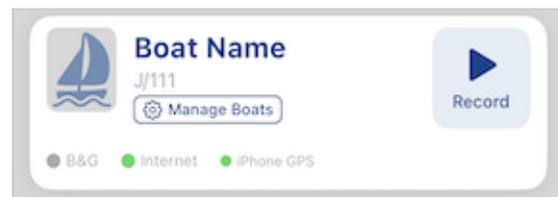
- Set your Start Line ends (also known as pinging)
- Start your Race Timer. Note that starting your race timer will also start logging, so you can view your race track after the race. You can also view the tracks of other boats in your fleet using the Pathfinder app.
- Use the Start screen to hit the start line at full speed
- View your Start Analysis - a real-time screen that shows your speed and distance off the line at the gun.
- Track your speed over ground (SOG) and course over ground (COG).



If you do not see your Speed, Wind, and Current screens on your Home page, select the 'Home > Screen List' button and add them.

## Home Screen Status Card

The card at the bottom of the Home screen shows your boat name, type of boat, and connection status.



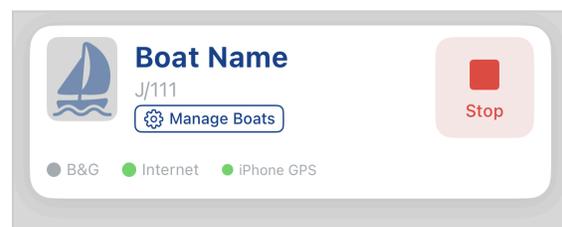
### Connection Indicators

A green indicator will show connection status to your B&G Instruments, Internet Connectivity, and iPhone GPS.

Boat wifis generally do not provide an Internet connection. If you need to access the Internet while on the water, you may need to briefly turn off your wifi to use the cellular capability on your phone.

## Record a Race

You can record your sailing track and your performance details by pressing the Record button. After your race, be sure to return to the Home screen and Stop Recording.



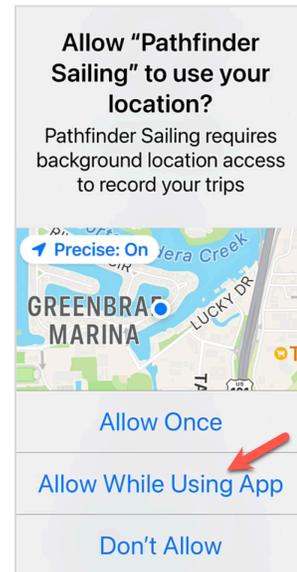
After your race, when you have a solid Internet connection, you can Upload Race Data using the button at the top of the screen. This will allow you to replay your race and see other boats in your fleet who also recorded their race. You can also view and compare your performance metrics second by second throughout the race.

## Location Permissions

During set-up, you will be asked to allow Pathfinder to use your location. This information is only used to provide race replay.

At the prompt, ‘Allow Pathfinder Sailing to use your location,’ click on ‘Allow while using App.’

At the prompt, ‘Allow Pathfinder Sailing’ to use your location even when you are not using the app?’, select ‘Change to Always Allow’ to ensure the app can continue logging your sailing and location metrics while you are sailing, but with the app minimized.



This information is used solely to provide race replays and will not be shared outside the Pathfinder apps.

## Connecting your Apple Watch

The Apple Watch app is a companion to the mobile app and requires it to operate.

If your phone and watch are connected, the watch app will install automatically on your watch when you install the mobile app on your iPhone. To use the watch app, start the mobile app, press the crown on your watch, and scroll down in your applications and select Pathfinder Sailing.



To optimize your watch settings to maintain focus on the App while racing (and not return to Clock), view the Blog: [Keeping Pathfinder Active on Your Apple Watch](#).

For more detailed information, go to the [User Guide](#) in the website's [Support](#) section.

### **iPhone GPS - Precise Location Settings for GPS Accuracy**

To turn on Precise Location on your iPhone, go to Settings > Privacy & Security > Location Services, select the Pathfinder Sailing app, and toggle on the Precise Location option. This allows the app to access your exact location for better accuracy.