



# **Connect Avalon Offshore to an Iridium Go!**

Avalon Offshore for iOS  
Avalon Offshore for Android

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# Introduction

We have just introduce an automatic process to retrieve weather data via an Iridium Go. This automatic process is available from version 3.8.4 on iOS and Android.

This documents describes the new automatic process. The previous manual process description has been removed from this doc as the new method is much simpler.

# Automatic Process

From Avalon Offshore version 3.8.4 onwards, available on both iOS and Android.

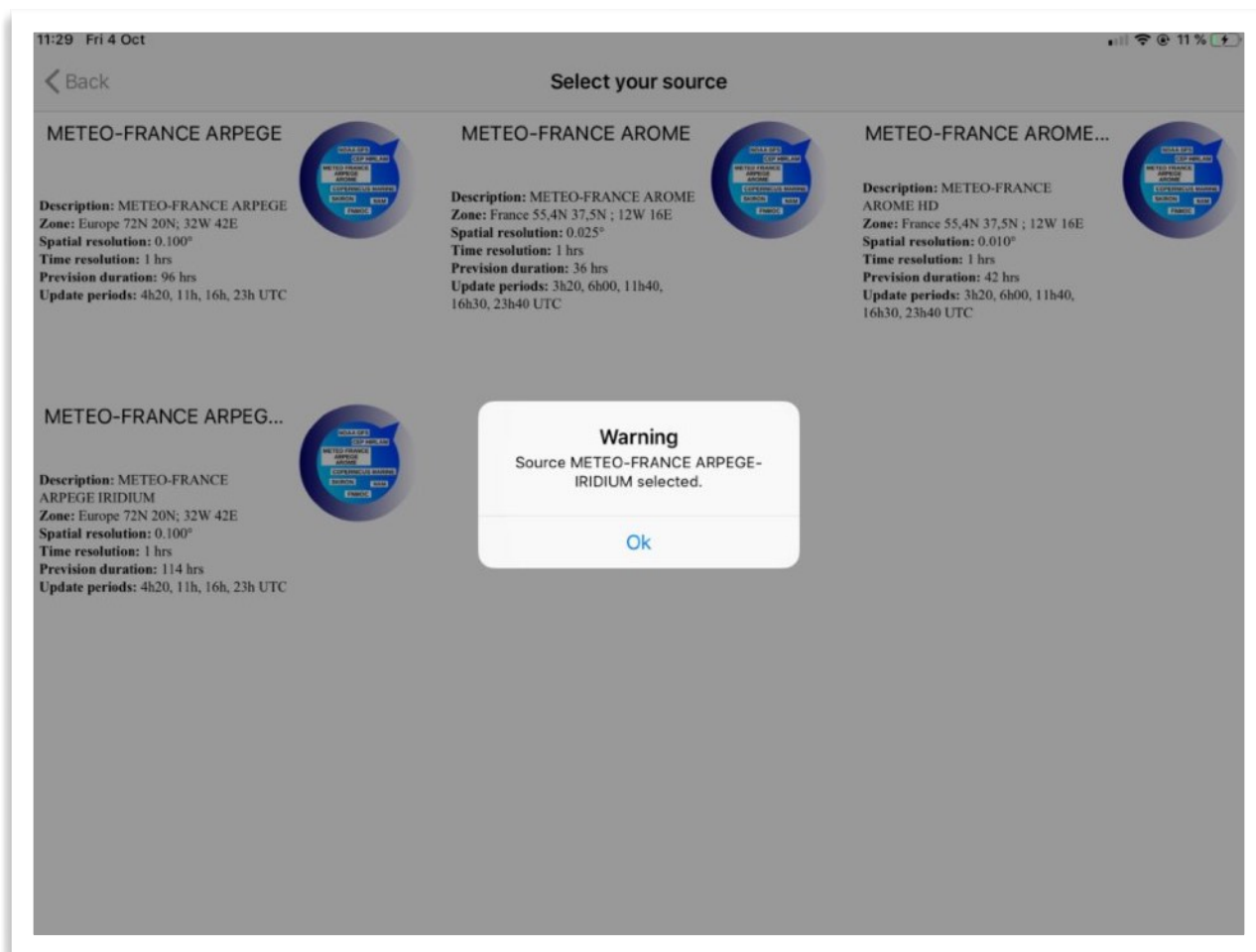
It works with the six "Special Iridium" sources already included in our Premium Option:

- NOAA GFS 1 degree (Worldwide)
- Météo France Arpège 0.1 degree (Europe)
- Deutsche Wetterdienst Icon 30h 0.0625 degree (Europe)
- Deutsche Wetterdienst Icon 120h 0.0625 degree (Europe)
- NAM Caraïbes 0.1 degree ( Central America and Caribbean)
- NAM Connected SA 0.15 degree (Continental USA without Alaska)

**Step 0: At sea without a Wifi/4G connection, select Iridium (or Internet Off) on the main screen.**

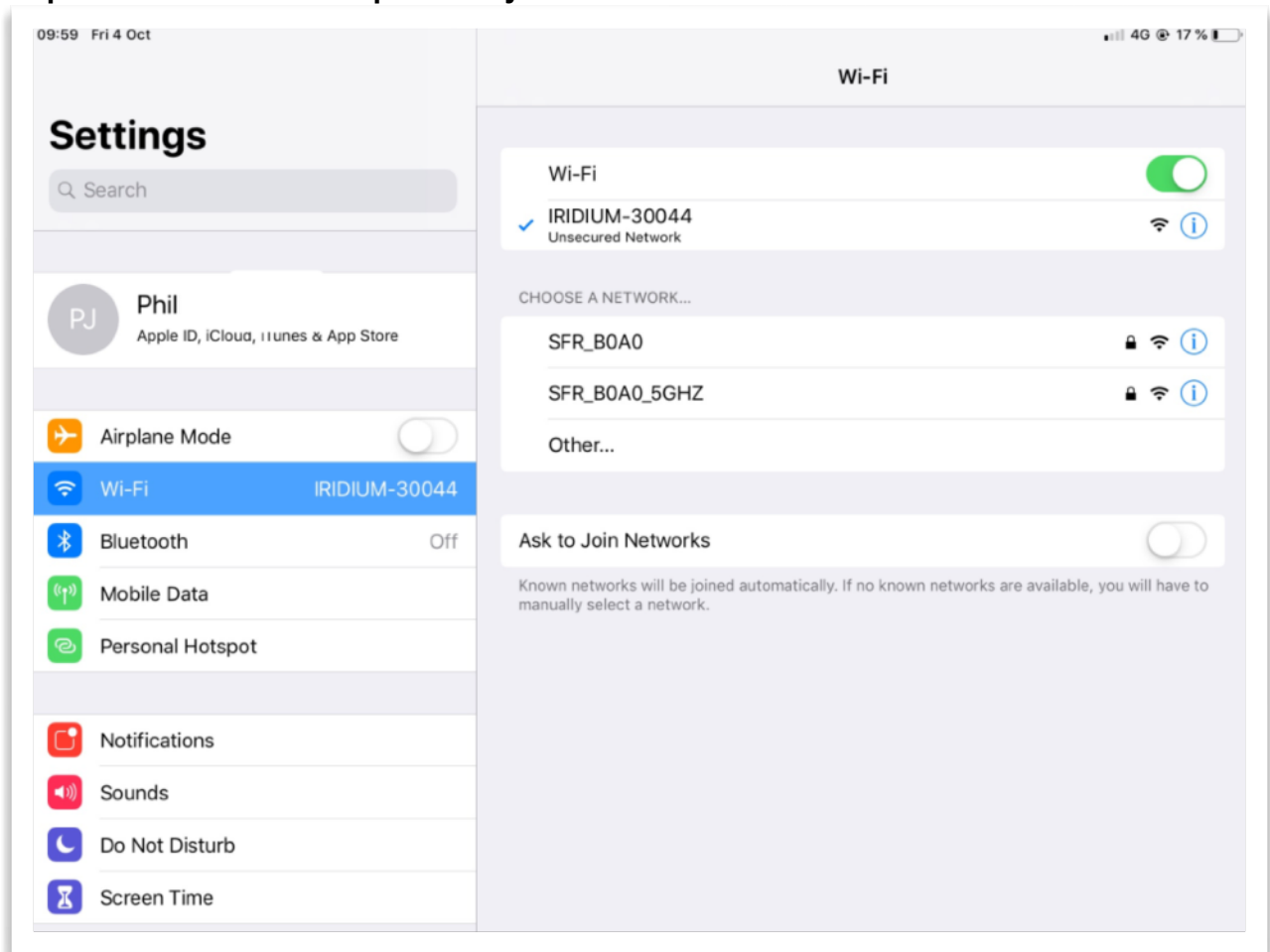
If Wifi/4G is selected, the system will try to access pages located on our web site and it will fail as there is no connection. If Iridium (or Internet Off) is selected, Avalon will use pages that are stored in the device memory cache.... and you will be able to select the most relevant special Iridium weather source.

**Step 1: In Avalon, select a "Special Iridium" wind source amongst the 6 sources listed above.**

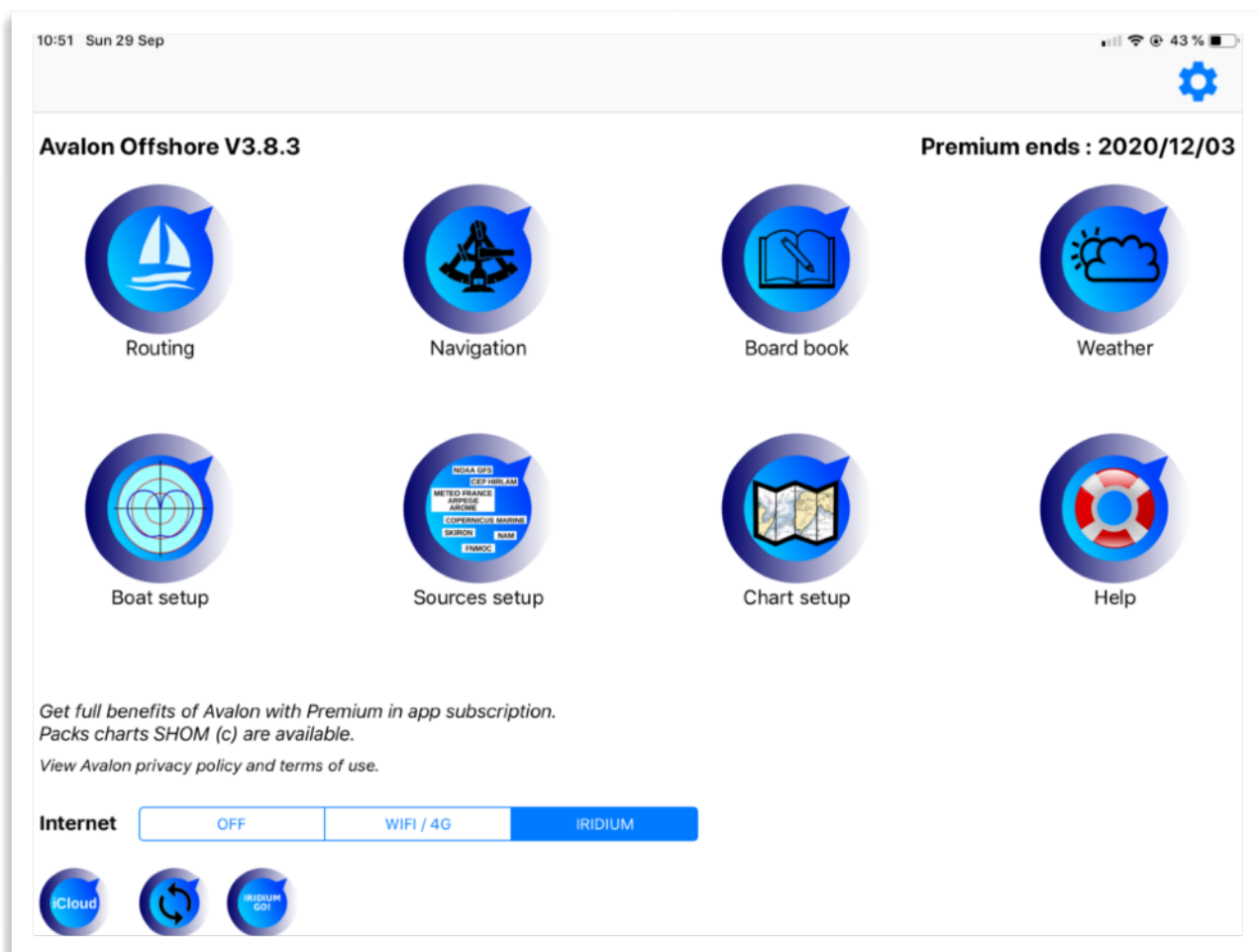


**Step 2: Switch on the Iridium and place it in an open space (open view to the satellites)**

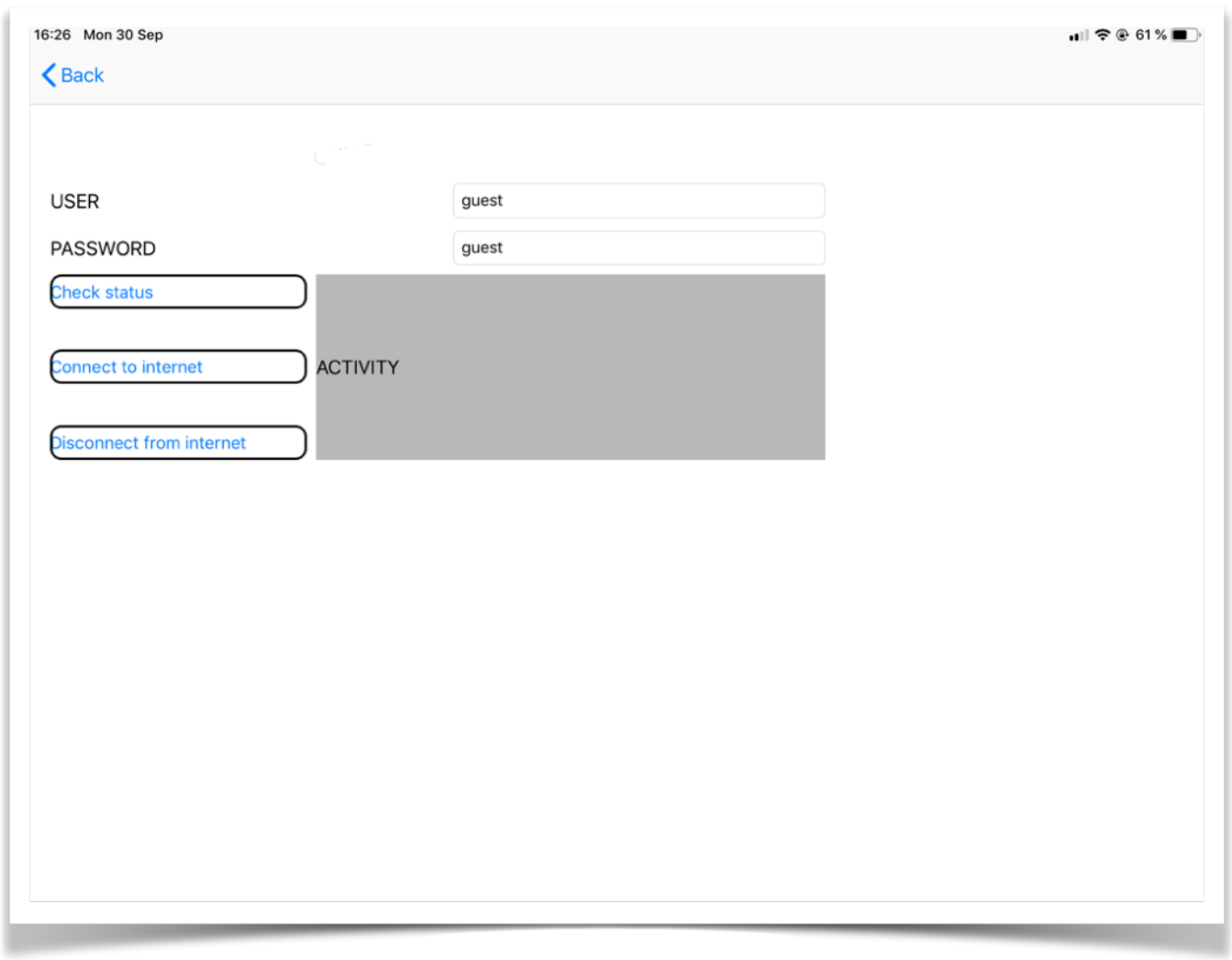
**Step 3: Connect the tablet/phone to your Iridium Go network**



**Step 3: Go to Avalon main menu and click on the Iridium Go icon**  
This icon is only displayed when the Internet switch is set to « Iridium ».



**Step 4: Tap on the Iridium Go Icon and check the connection parameters**

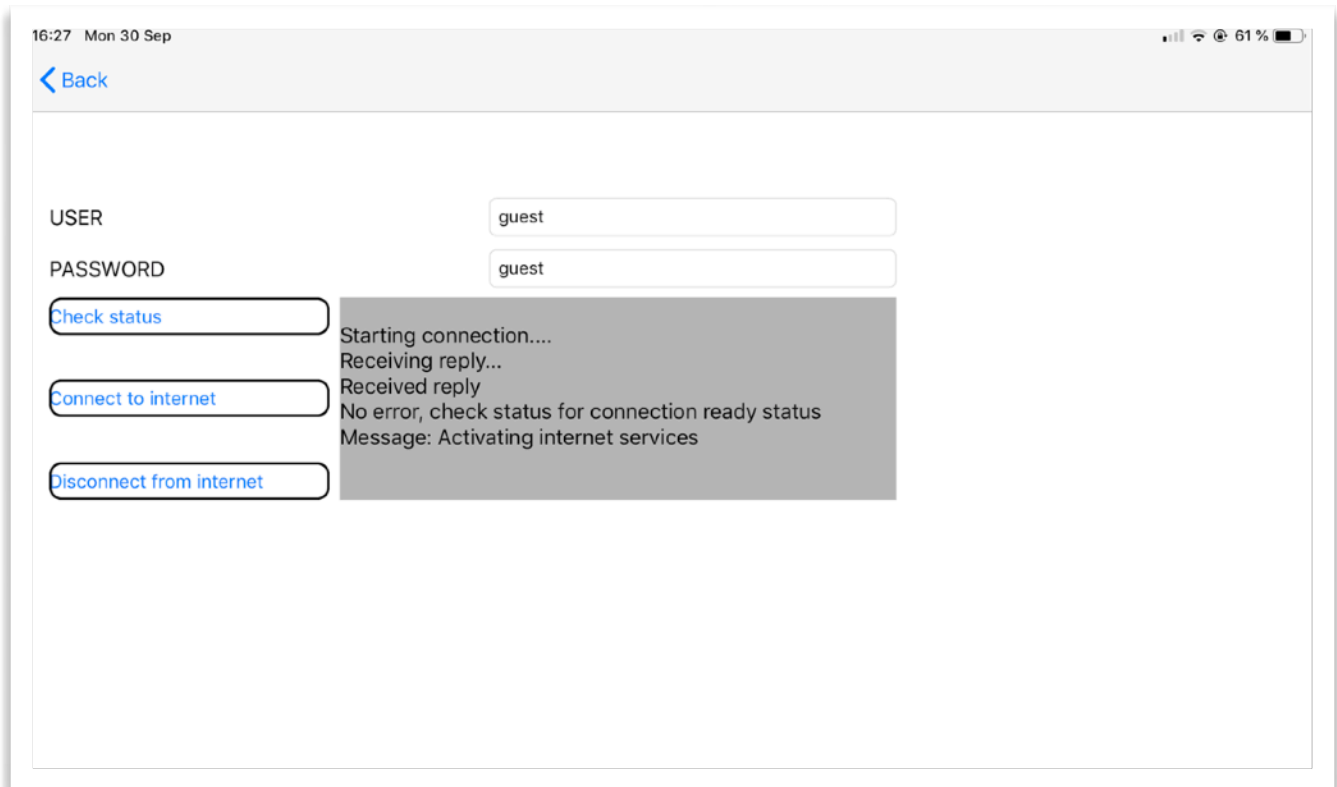


**Step 5: Tap on "check status" to verify the quality of the satellite signal (should be 4 or 5).**





**Step 6: If you have a good quality signal (4 or 5), tap on "Connect to Internet" to establish the connection.**

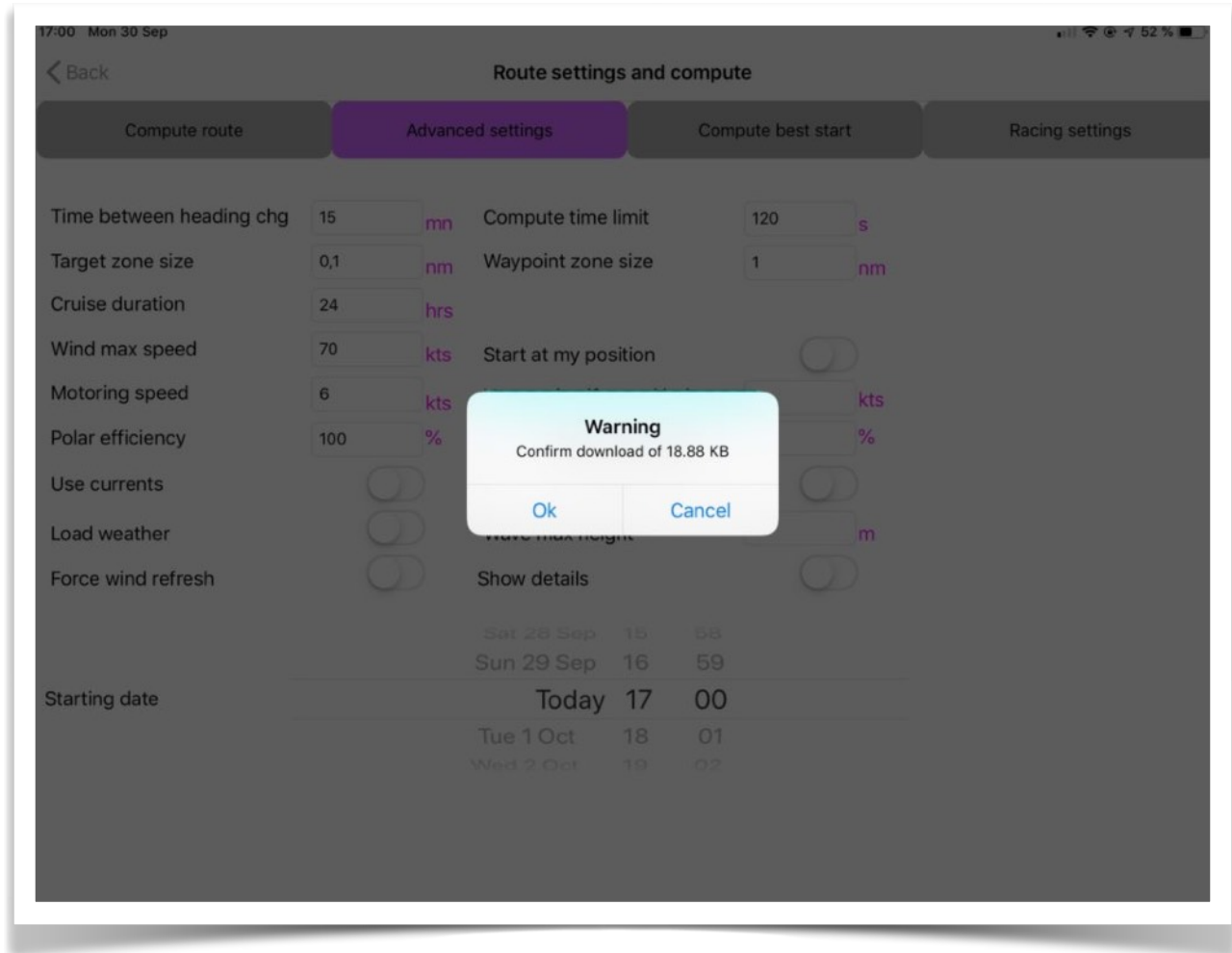


**Warning:** « Activating internet services does not mean that the connection to the Internet is yet operational. To be sure that the Iridium Go is connected to the internet, you can check the status again that should display "Connected". The other indicator is the led located on the Iridium itself that should be flashing green.

**Step 7: Tap on compute route (the "Isochron icon", 3rd icon from the right at the top of the screen).**

And tune the parameters.

- Select the approximative remaining cruise time. This figure will determine the length of wind data to be loaded. Here, we are cruising to the balearics so there is no need to download 72 hours of forecasts.
- Select "Start at my position".
- Deselect loading of other weather forecasts: waves, currents and other weather data. This data is not "Iridium ready"..... yet.
- Tap on compute route if you are OK with the volume of data to be downloaded.



The download will take 2 minutes.

If a satellite loss occurs during the transmission, the system will reconnect after 90 seconds and restart the download where it stopped. No data gets lost.

**The internet session is automatically closed at the end of the downloading.** You can switch off your Iridium Go.

You can now analyze the latest forecast and recompute an updated route..

