



Imray Tides Planner

Quick Guide

iOS Version



*Imray Tides Planner is the app for
Tide information worldwide.*

Tides Planner works without online connection,
using a database of locations and harmonic constants
from world hydrographic offices.

- Select locations
- View tide predictions
- View currents (where available)
- Use notepad and email



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support@imray.com





Overview

Tides Planner provides worldwide tide information for your smartphone and tablet. It works without an online connection, using a database of locations and harmonic constants from world hydrographic offices.

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Licences

Tides Planner is subject to licensing rules from Hydrographic Offices. Depending upon the country in question, these rules can vary within the app.

Free Application

Tides Planner is free to download, and you can access one day's tide information (the current day) for any country in the world. You can also access the currents data for one day (the current day).

Year Licence

Year licences are available for past, current and future years within the app. These are purchased annually. Purchasing a year licence unlocks data for more days:

- Any day within year licence year – Italy, USA, Canada, Australia, New Zealand, Japan, Chile Ecuador
- Current day only - France
- Seven-day tide information (current day + 6 days) – all other countries. Some of these countries will always show 7-day data, regardless of a Hydrographic Office licence being purchased.

Hydrographic Office Licence

Hydrographic Office licences unlock any day tide information. These are one off purchases which will work with any past, current or future year licences. There are a range of Hydrographic Office licences available:

- [Tidal Stream Atlas](#) – allows access to the UK tidal stream atlases
- [UK, Ireland, Germany and other UKHO world](#) – allows access to any day tide information for UKHO countries
- [France](#) – allows access to any day predictions for France
- [Currents & Atlas Brest](#) – allows access to French tidal stream atlases and the currents on the French coast of the English Channel and Biscay
- [Netherlands](#) – allows access to any day predictions for the Netherlands
- [Belgium](#) – allows access to any day predictions for Belgium
- [Spain](#) – allows access to any day predictions for Spain
- [Portugal](#) – allows access to any day predictions for Portugal
- [NLHO Indonesia](#) – allows access to any day predictions for Indonesia

Sharing Licences

Licences can be shared between devices that run on the same platform (e.g. Android or Apple). Purchases are associated to your Google Play Account/Apple ID and so if you are using the same account you will be able to access your licences on multiple devices.

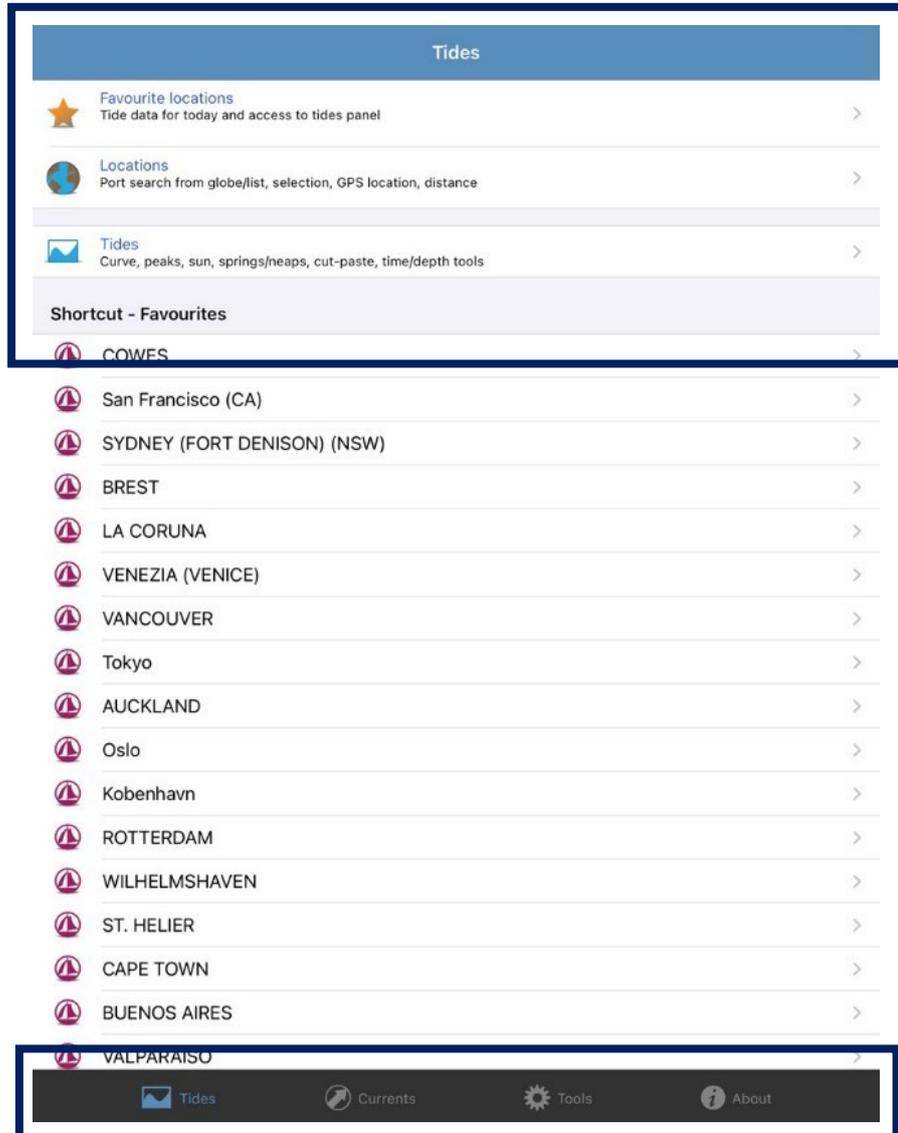
To do this, navigate to the App Extensions page and tap Restore Extensions at the bottom of the page. It is important that you are using the same Google Play/Apple ID account.

Currently you cannot share licences between devices running on different platforms.



Tides Landing Page

From the tides landing page, a range of different features can be accessed:



Favourite Locations

Provides quick access to today's tides for your favourite locations, and easy access through to the relevant tides panel.

Locations

Provides access to a globe view and list of locations which can be selected to view.

Tides

Provides a view of tide predictions in graph or table form, including sunrise/set, dusk and dawn, moon rise/set, moon phase and neap and spring tides.

Shortcut - Favourites

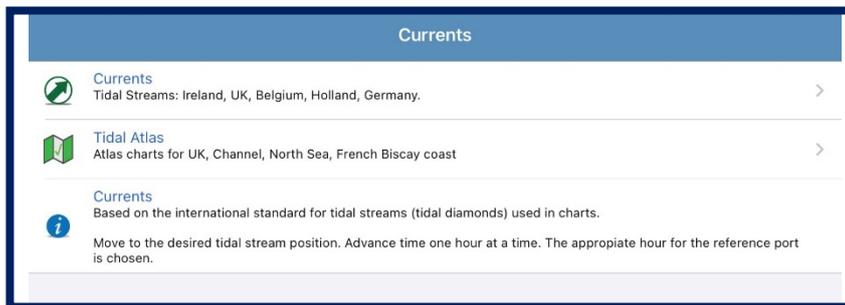
View a list of your favourites.

<p>Tides</p> <p>Tides landing page. Highlighted in blue as this is the current page.</p>	<p>Tools</p> <p>Move to the Tools page.</p>
<p>Currents</p> <p>Move to the Currents landing page.</p>	<p>About</p> <p>Move to the About page.</p>



Currents Landing Page

From the currents landing page, a range of different features can be accessed:



Currents

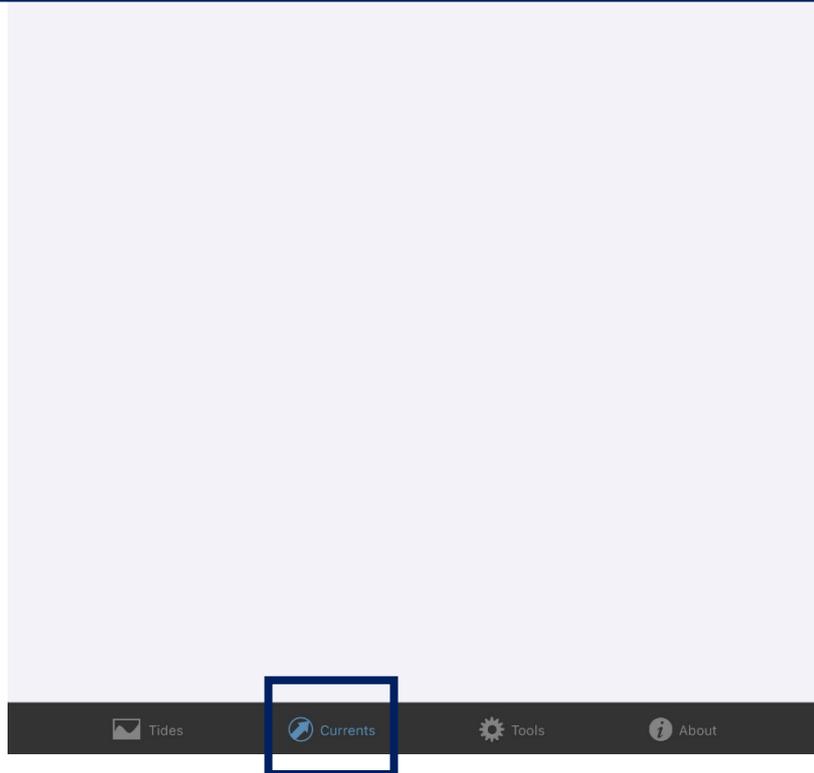
Provides access to tidal stream arrows.

Tidal Atlas

Provides access to tidal stream atlas diagrams. This requires a licence.

Currents

Provides some information on the use of the currents data within the app.





Currents

Currents or tidal streams are shown for each tidal diamond defined. The current is shown in one hour increments relative to the reference port high or low water. The system is defined by the IHO.

Selected Stream Name

Speed direction and time are shown.

The reference port, and the time of the peak at the reference port, is shown below.

Selected Stream Name

Speed direction and time are shown.

The reference port, and the time of the peak at the reference port, is shown below.

Back one hour/Add one hour

Time of peak at reference port

Plus hour increment that best approximates user time

Tidal Stream Reference Port

Selected Stream

Zoom to current location

Cursor coordinates and map scale

51°30'.26N 1°12'.42E 1:942K 1.2NM

Modes

Switch between:

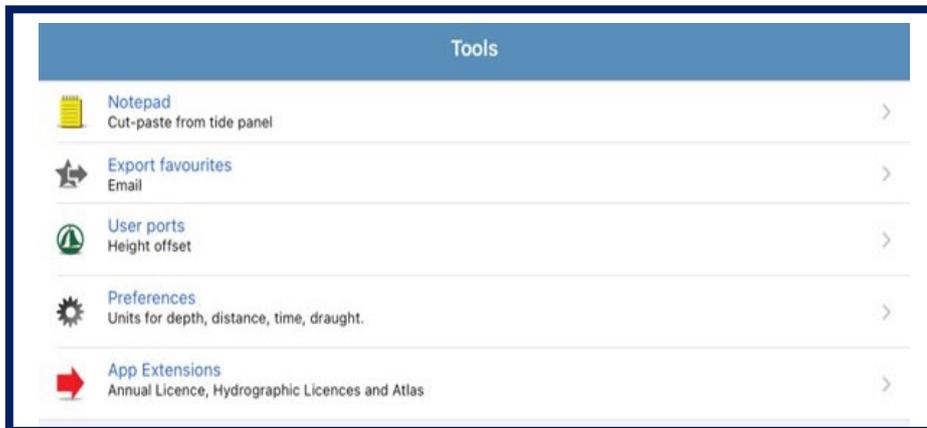
- >indicator mode (move indicator to find locations)
- >map mode (drag map to find locations)

Distance from cursor to selected stream



Tools Page

From the tools landing page, a range of different features can be accessed:



Notepad

Access the internal notepad.

Export Favourites

Export a list of your favourites to email.

User Ports

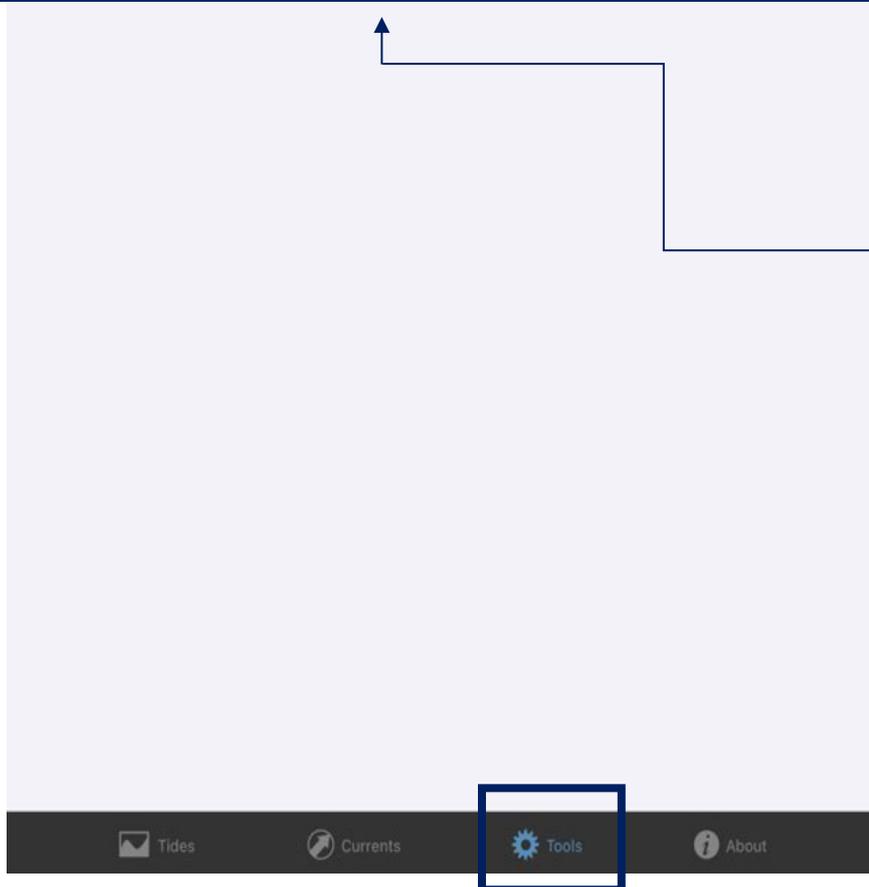
Access a list of user created ports, create user ports.

Preferences

Access app preferences (units for depth, distance, time, draught, etc).

App Extensions

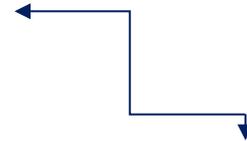
Allows you to view and purchase licences to access more information within the app.





About Page

From the about landing page, a range of different features can be accessed:



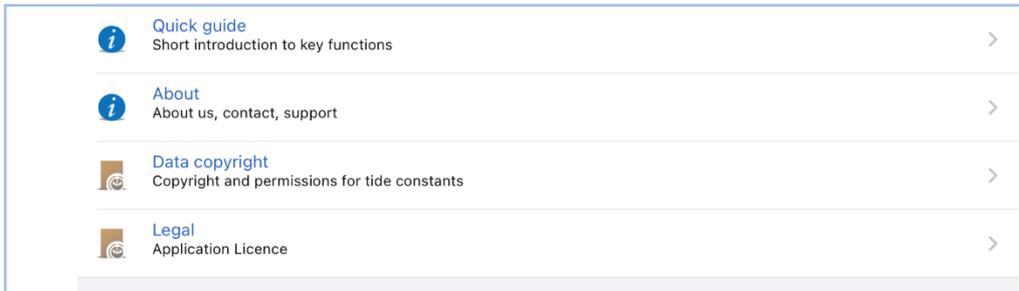
Our Apps
Provides a list of all available Imray apps in the App Store.



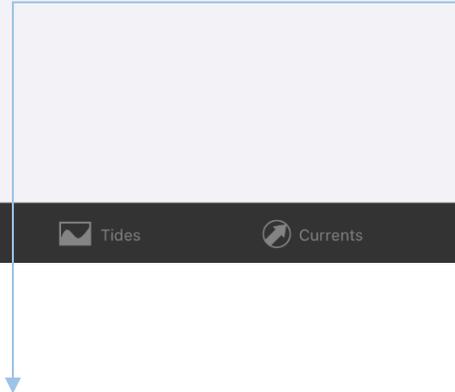
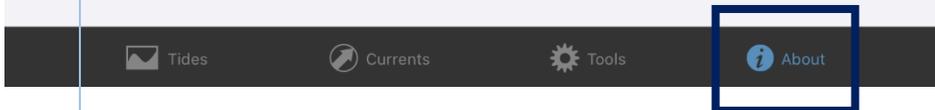
Share Tides Planner
Allows you to share the app with others.



New
Brings up a list of releases and their key features.



Not for navigation
Tides Planner - Version 5.15
SC Library version 3.0
NV Library version 3.3
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Imray, Laurie, Norie & Wilson Ltd www.imray.com



Quick Guide

Allows you access notes on the application and its use.

Data Copyright

Access copyright information.

About

Access details about the app and contacting Imray.

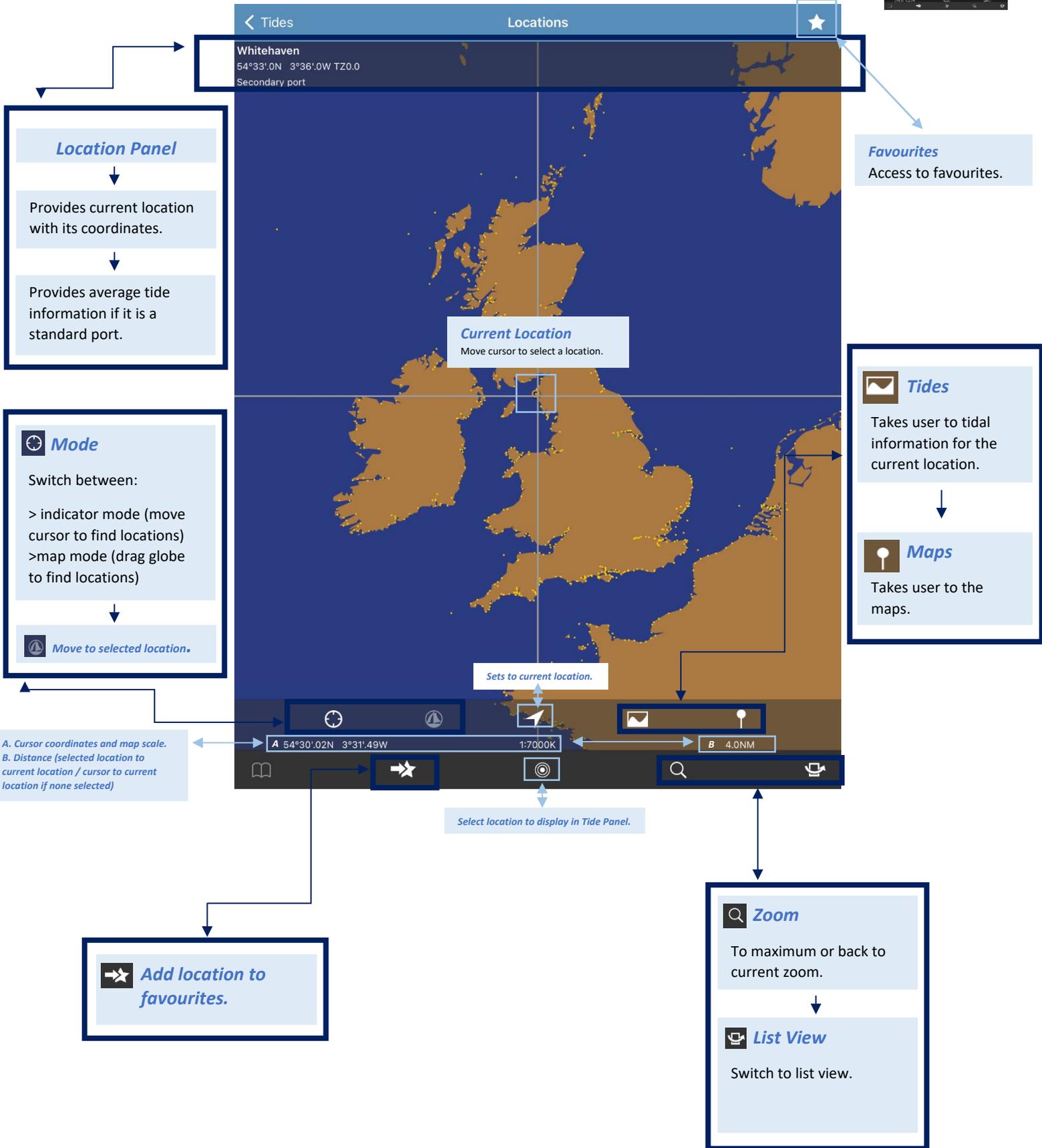
Legal

Access legal information, including copyrights.



Locations

Locations can be found on the Tides Landing Page and represented by the globe view. The map view is presented as a flat map, and locations are indicated with a small dot. To zoom, pinch or double tap on the map, swipe to move around.





Locations List View

Locations can also be found using the list view. Users can find a location, arranged alphabetically or by region/country, by scrolling and tapping a name. Once a location is selected, it can be added to Favourites. Users can utilize the search function to type a location in.

Access to Favourites.

Alphabetical index

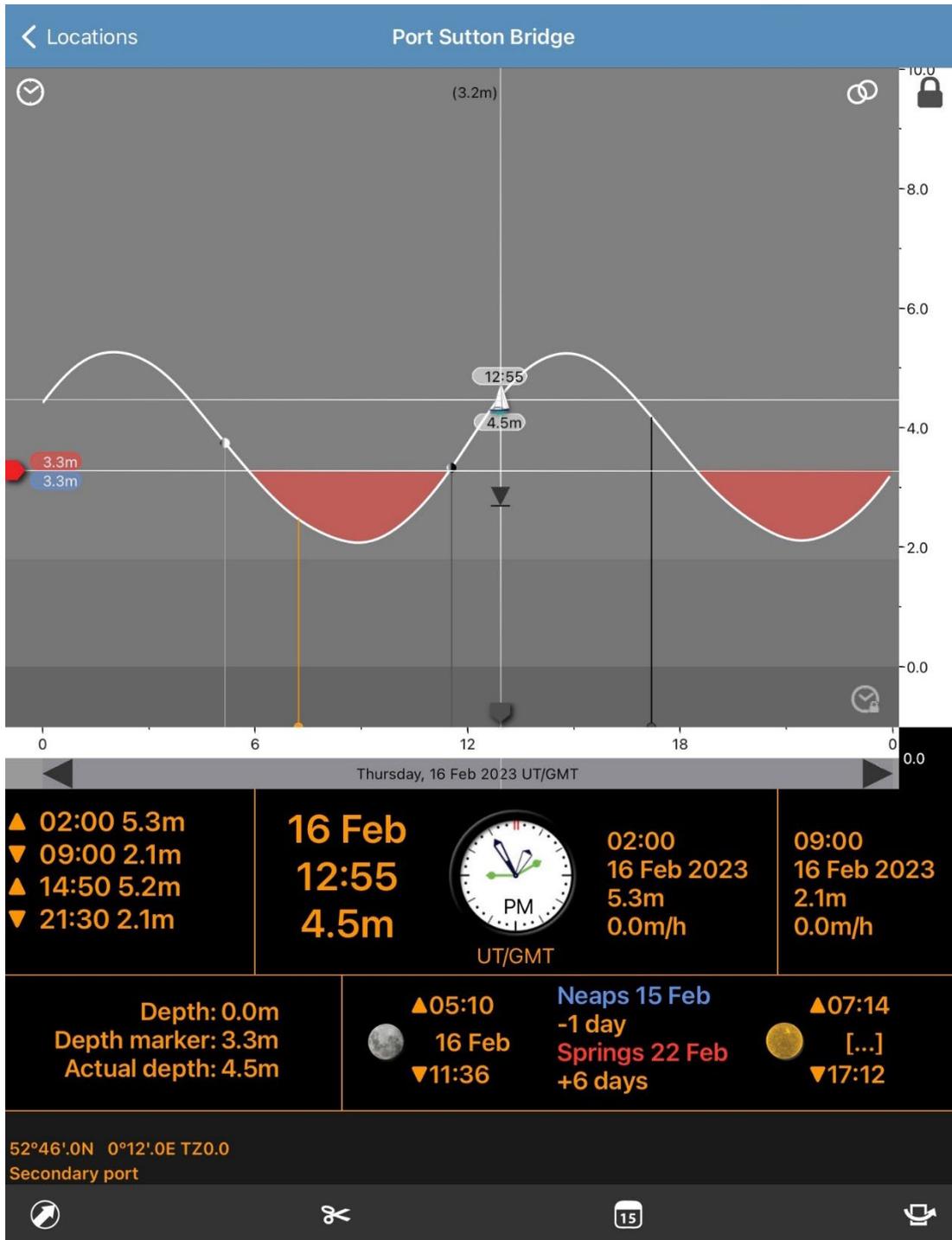
Navigation Bar:

- Arrange list by region, country, or alphabetically.**
- Add location to favourites.**
- Select location to display in Tides Panel**
- Search mode.**
- Switch to map view.**



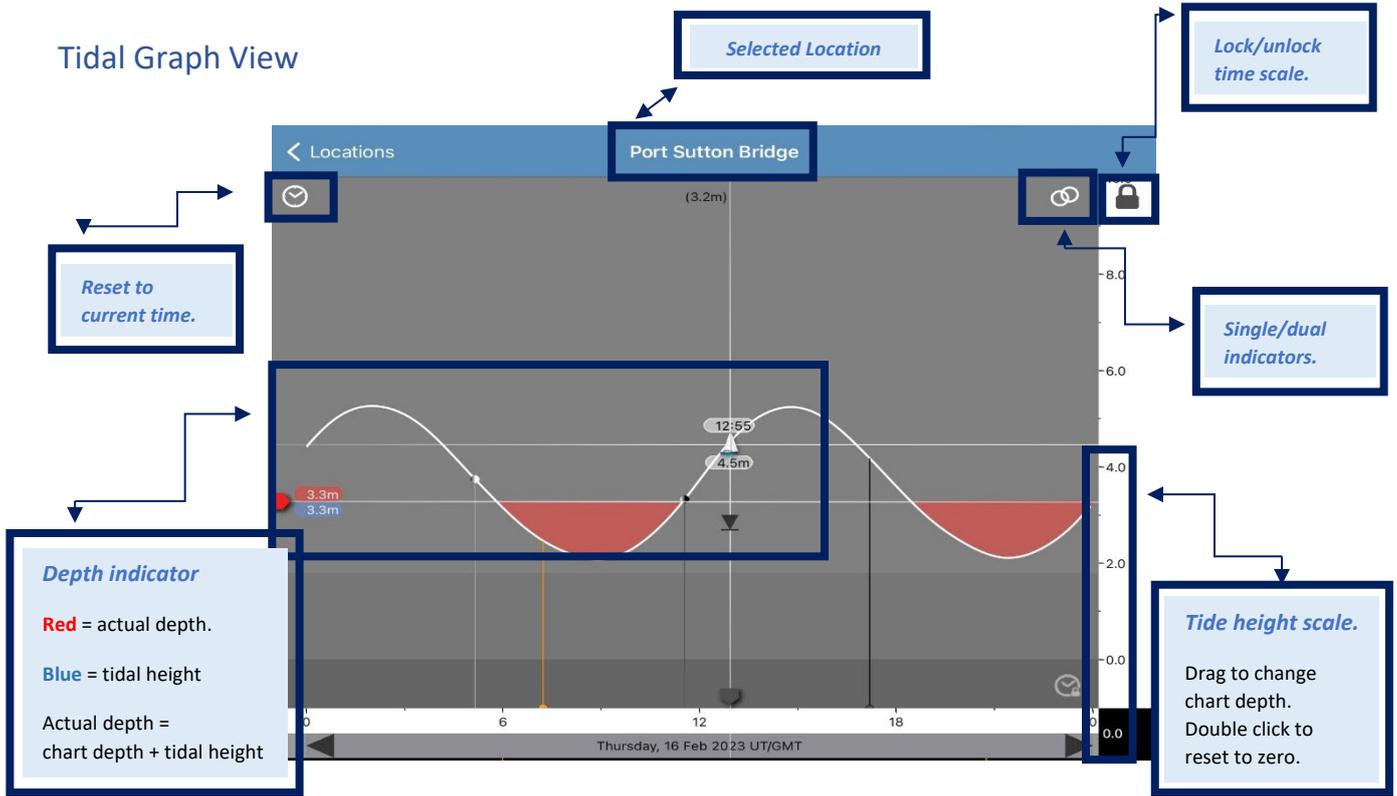
Tides

Tide information is presented graphically and in a table. Please see example below.



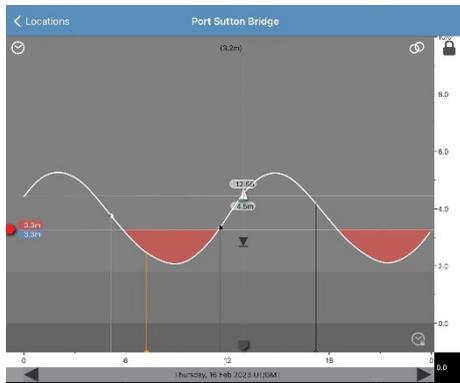


Tidal Graph View

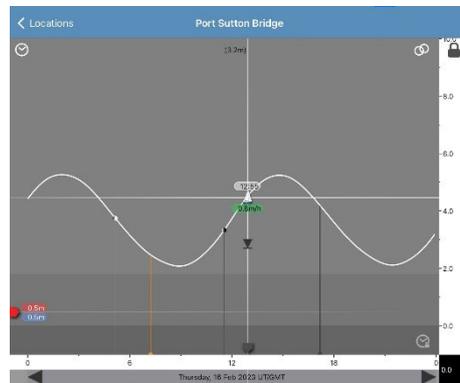


* Indicators show several sets of tidal information. Tap the graph to change between modes:

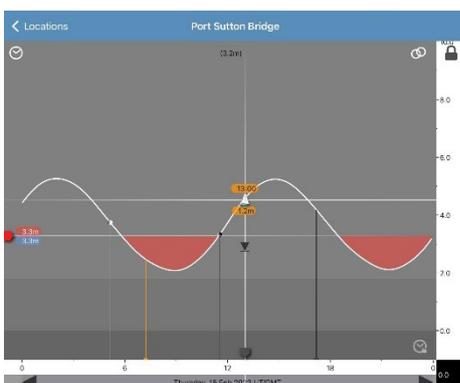
> Time/actual height



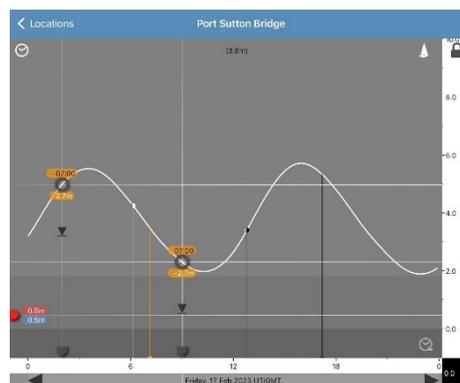
>Height rate of change



> Height difference to depth indicator (red gauge)



>Time-height differences between indicators.

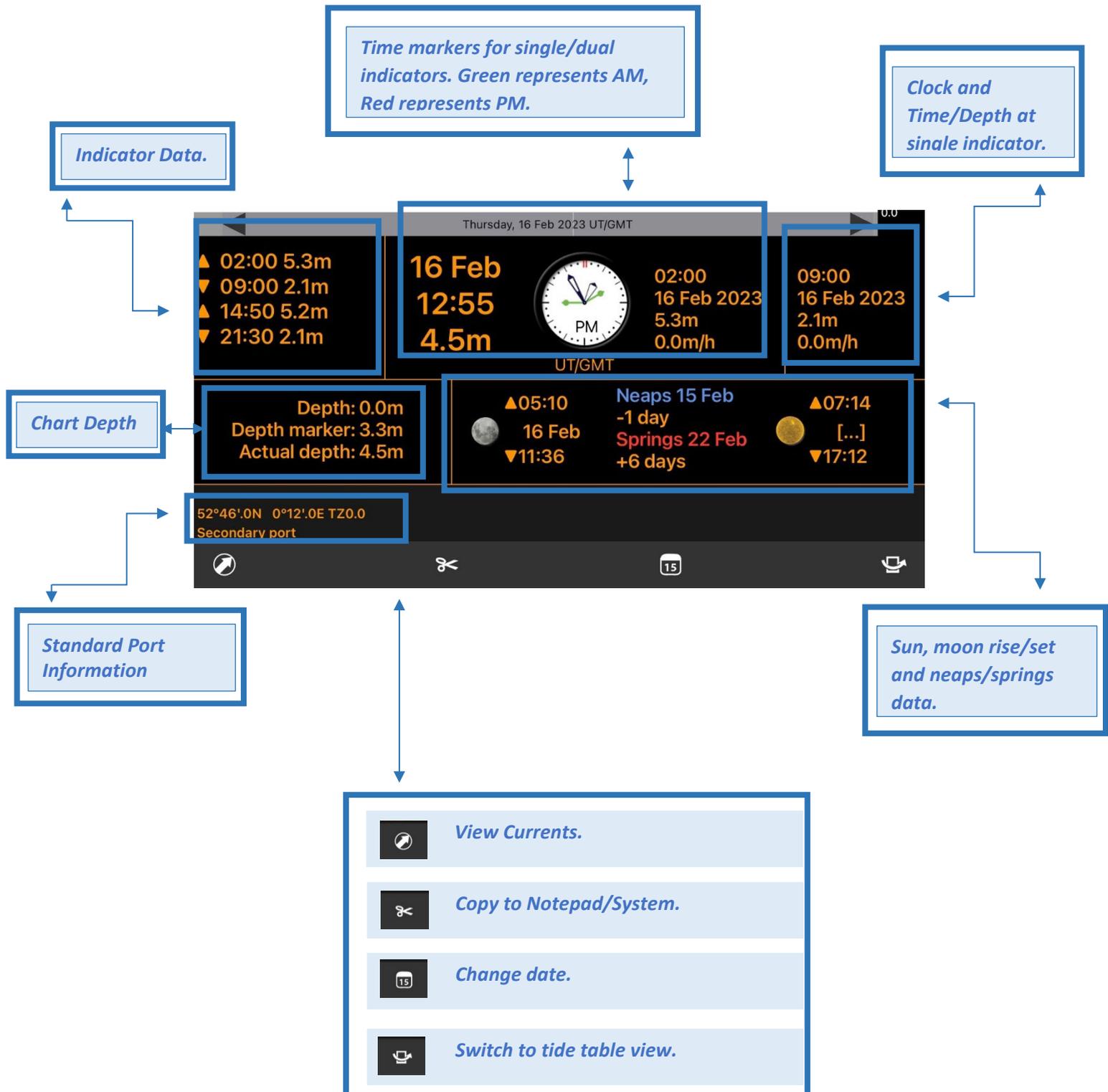




Tidal Table View

Additional Tides panels give extra information for the location.

- >Sunrise/sunset
- >Moon rise/set
- >Day of neaps/springs tides
- >Reference information if a standard port
- >Depth/time for the indicators
- >Clock with time at single indicator and markers for the dual indicators





Tide Table View

The tide table gives high and low tide data for a week (licence permitting). It also shows sun and moon rise and set data and indicates the moon phase. Spring and neap tides are highlighted in red or blue respectively.

Neaps (blue)
Springs (red)

Locations: Port Sutton Bridge

Friday, 17 Feb 2023 UT/GMT (3.8m)
 ▼ 10:20 2.0m
 ▲ 16:00 5.7m (60)
 ▼ 23:00 1.9m
 ▲ 06:12
 ▼ 17:14
 ▼ 12:50

Saturday, 18 Feb 2023 UT/GMT (4.5m)
 ▲ 04:40 6.0m (69)
 ▼ 11:30 1.8m
 ▲ 17:00 6.3m (77)
 ▲ 07:10
 ▼ 17:16
 ▼ 14:20

Sunday, 19 Feb 2023 UT/GMT (5.3m)
 ▼ 00:20 1.6m
 ▲ 05:40 6.5m (86)
 ▼ 12:40 1.5m
 ▲ 17:50 6.8m (93)
 ▲ 07:08
 ▼ 17:18
 ▼ 15:57

Monday, 20 Feb 2023 UT/GMT (6.0m)
 ▼ 01:20 1.2m
 ▲ 06:30 6.9m (100)
 ▼ 13:30 1.3m
 ▲ 18:30 7.2m (105)
 ▲ 07:06
 ▼ 17:20
 ▼ 17:33

Tuesday, 21 Feb 2023 UT/GMT (6.6m)
 ▼ 02:10 0.9m
 ▲ 07:20 7.1m (109)
 ▼ 14:20 1.1m
 ▲ 19:20 7.5m (111)
 ▲ 07:04
 ▼ 17:22
 ▼ 19:05

Wednesday, 22 Feb 2023 UT/GMT (6.8m)
 ▼ 03:00 0.8m
 ▲ 08:00 7.1m (112)
 ▼ 15:00 1.0m
 ▲ 20:00 7.6m (110)
 ▲ 07:02
 ▼ 17:20
 ▼ 20:33

Thursday, 23 Feb 2023 UT/GMT (6.8m)
 ▼ 03:40 0.8m
 ▲ 08:40 7.0m (107)
 ▼ 15:40 1.1m
 ▲ 20:40 7.5m (103)
 ▲ 07:00
 ▼ 17:26
 ▼ 21:58

Friday, 24 Feb 2023 UT/GMT (6.3m)
 ▼ 04:10 0.9m
 ▲ 09:20 6.7m (97)
 ▼ 16:10 1.2m
 ▲ 21:20 7.2m (90)
 ▲ 06:58
 ▼ 17:28
 ▼ 23:22

Tide gauge
Indicates the difference between the highest high and the lowest low. As the difference grows and the bar fills it moves from blue to red.

Moon phase indicator.

Moon Rise and Set.

Sun Rise and Set.

Tide peaks for the day.
Coefficients in brackets for France data.

Tap to see the tidal curve for the selected



Favourite Locations

The favourite locations page allows you to see information for the current day for all of your favourite ports at once, and to access these ports quickly. Ports can be added to your Favourite ports via the Locations – Map View.

← Tides **Favourite locations** **Edit**

- COWES**
England, Europe
50°46'.0N 1°18'.0W
▼ 00:40 1.7m
▲ 07:40 3.5m
▼ 13:20 1.5m
▲ 20:30 3.5m
- San Francisco (CA)**
California, United States
37°48'.4N 122°27'.9W
▲ 05:20 1.3m
▼ 09:00 1.0m
▲ 15:20 1.9m
▼ 22:40 -0.2m
- SYDNEY (FORT DENISON) (NSW)**
New South Wales, Australasia
33°51'.0S 151°14'.0E
▼ 01:20 0.5m
▲ 07:10 1.2m
▼ 12:40 0.5m
▲ 19:20 1.7m
- BREST**
France, Europe
48°23'.0N 4°30'.0W
▼ 06:10 2.7m
▲ 12:30 5.5m (46)
▼ 18:50 2.6m
- LA CORUNA**
Spain, Europe
43°22'.0N 8°24'.0W
▼ 05:40 1.3m
▲ 12:10 3.1m
▼ 18:20 1.3m
- VENEZIA (VENICE)**
Italy, Europe
45°26'.0N 12°20'.0E
▲ 05:55 0.8m
▼ 13:40 0.1m
▲ 20:45 0.7m
- VANCOUVER**
Canada-BC, N America
49°17'.0N 123° 7'.0W
▼ 03:45 0.9m
▲ 12:00 4.2m
▼ 16:15 3.8m
▲ 20:30 4.2m

Edit table
Sort Order and delete locations.

Tide peaks for the day.
Coefficients in brackets (France)

Tap to see graph for this location.
See tide graph example below.

Port Sutton Bridge
12:55 (4.5m)
3.3m
3.3m

Thursday, 16 Feb 2023 UT/GMT

▲ 02:00 5.3m ▼ 09:00 2.1m ▲ 14:50 5.2m ▼ 21:30 2.1m	16 Feb 12:55 4.5m UT/GMT	02:00 16 Feb 2023 5.3m 0.0m/h	09:00 16 Feb 2023 2.1m 0.0m/h
--	--	--	--

Depth: 0.0m
Depth marker: 3.3m
Actual depth: 4.5m

▲ 05:10 16 Feb ▼ 11:36
Neaps 15 Feb -1 day
Springs 22 Feb +6 days

▲ 07:14 [...] ▼ 17:12

52°46'.0N 0°12'.0E TZ0.0
Secondary port



Preferences

In the preferences page you can choose units of measurement and time zones for the app.

