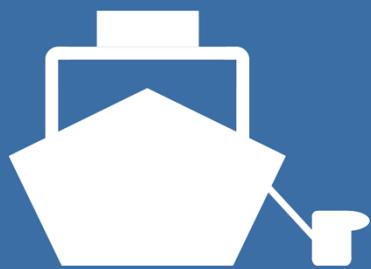


App Orientation

PortableCDM

Take this App Tour to learn how to navigate inside the app and how to use it.



PortableCDM

Content

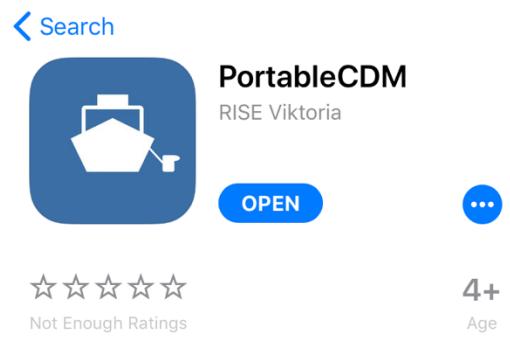
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Intro

Download the APP

From iOS store or from Google Play store. You will find the App if you search for PortableCDM

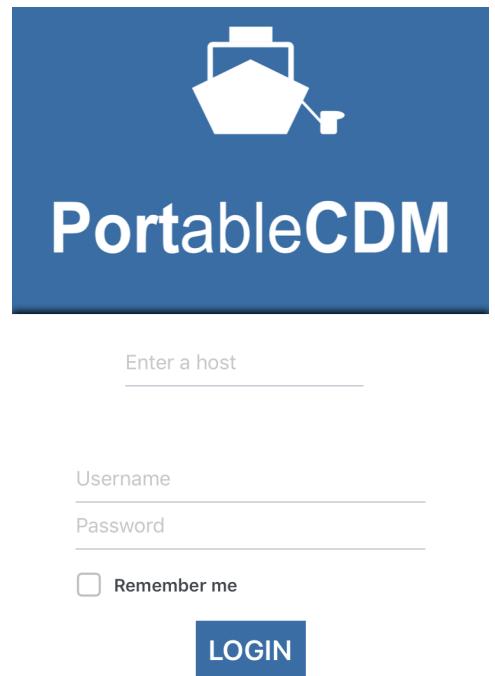


Set up

Under **Host:** Enter the Url for the PortCDM instance.

Log in

Enter your *username* and *password* and click **LOGIN**, tick **Remember me** if you want to stay logged in after you close the app.

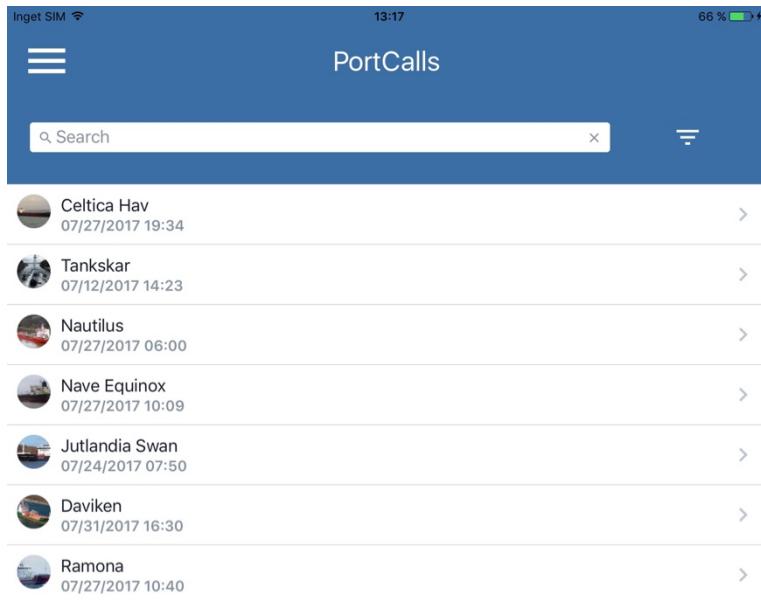


Navigation

The navigation within the app is mainly done using the **Sidebar Menu**.

Home Page

When the app is started, the home page is **Port Calls**, i.e. the list of port calls, from which a specific port call is selected. .



Menu Button

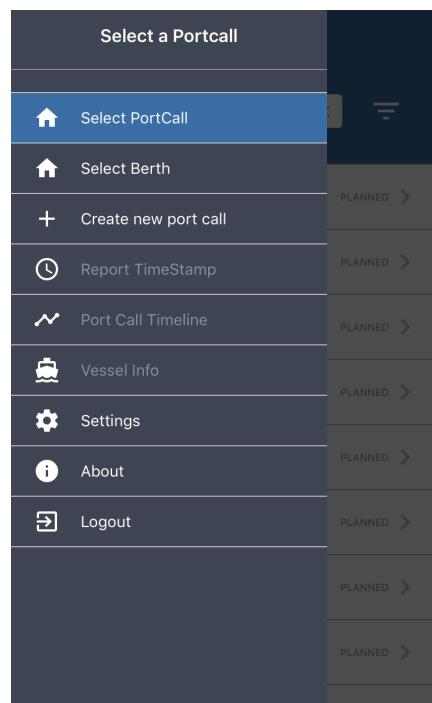
Tap the white menu button in the blue header on top of the left corner to open the **Sidebar Menu**.



Sidebar Menu

If no Port Call has been selected, the sidebar menu urges the user to 'Select a Port Call'. The dark blue marker shows what view the user currently is standing on. The list items with white text are touchable and will navigate to a new view. The list items with grey text are disabled until a Port Call is chosen. By selecting a Port Call, more functionality within the app unlocks and the grey text turns white and touchable.

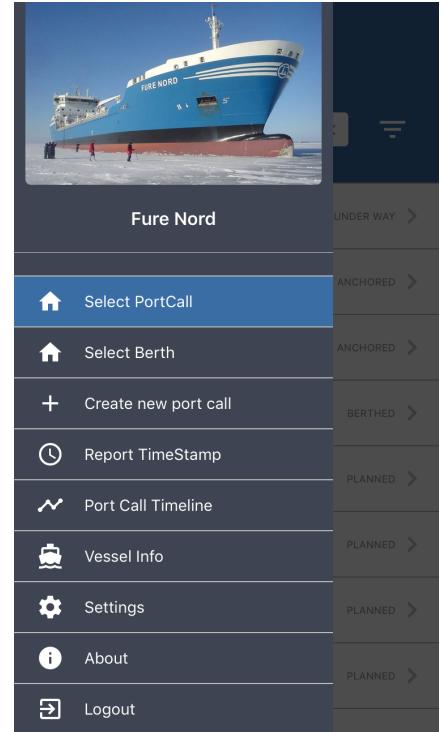
To go back to the view **Port Calls**, tap the shadowy area to the right of the **Sidebar Menu**.



Settings

Navigate to Settings

Tap the white menu button on the blue header and then tap on 'Settings' to enter the **Settings** page.



Settings View

The 'Settings' view displays different settings options and by *tapping* on one the user can change it.

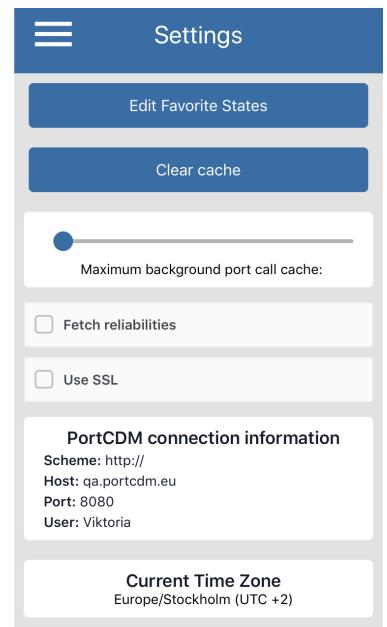
Edit Favorite States, by tapping on this button the user can Edit Favorite States, described under section *Edit Favorite States* in this document.

Clear cache, will clear all cache and filters and reset to default.

Set Maximum background port call cache, allows users to change the number of port calls that are loaded in the background. Default value is 100 port calls.

Fetch reliabilities, a feature that reveals the reliability factor for different time stamps. ***Not available in this version.***

PortCDM connection Information shows the details about the instance you are connected to.



Edit Favorite States

In the edit view of '**Favorite States**', the user can chose the selection of states to submit.

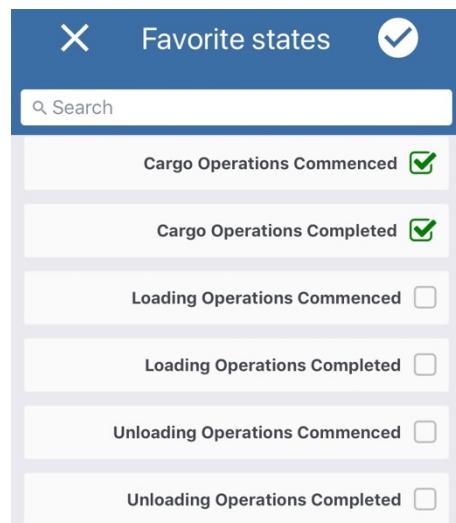
A state is selected when the box is *green* and *checked*. If it's not selected the box is grey and empty.

To remove a state from the list of '**Favorite States**', simply *uncheck* the state and it will no longer be visible in the list of selected favorite states.

When done editing, *tap* the white checked button on the blue header in the top of the right corner, to save the new choices.

To exit the editing of '**Favorite States**' without saving any new choices, simply *tap* the white close (X) button on the blue header in the top of the left corner.

When back at the '**Favorite States**' view, and the user is done reporting, *tap* the white back arrow on the blue header in the top of the left corner to re-enter the Timeline view.

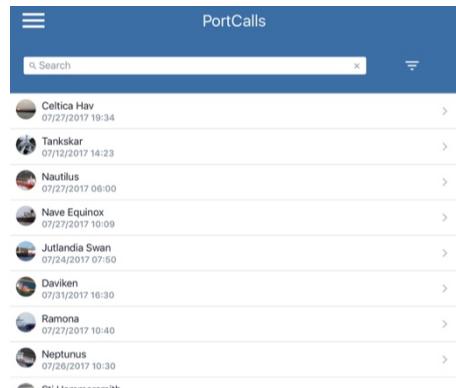


Select a Port Call

When you open the app you start at the home page called **Port Calls**. It shows a list of Port Calls that are touchable.

The main purpose of this view is to *Select a port call*.

Each Port Call is shown with the Port Call's vessel's name, arrival date and an ETA .



Filter Menu

The list of Port Calls is originally sorted by the timestamp type 'Arrival Date', but this can be changed in the filter menu.

To access the **Filter Menu** page, and more filter options, *tap* the filter icon located next to the search bar on the right side of the screen.



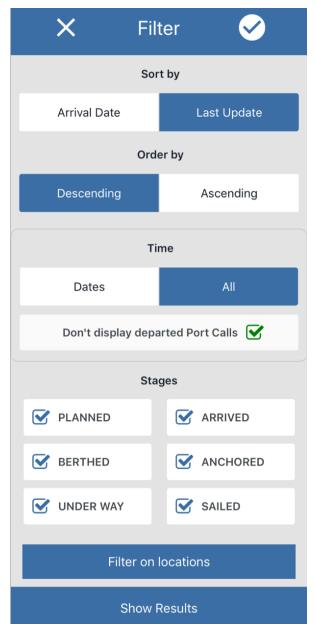
Filter Icon



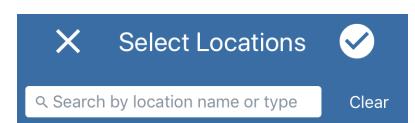
Filter Menu View

The **Filter Menu** has various filter options. The main purpose of this view is to filter the port call list. To close this view, *tap* the closing button 'X' in the left corner. To save your new choices and navigate back to the **Port Call** list view, *tap* the icon with a check inside a white circle. OR *tap* the button at the bottom 'Show Results'.

Under 'Time' the user can choose *All*, *Departure Time*, *Arrival Time* and to exclude departed Port Calls from the list.

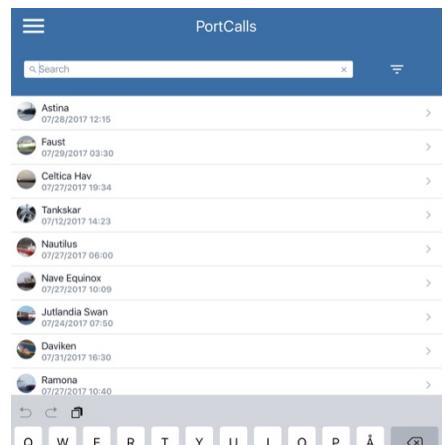


By choosing 'Filter on location', the user can *choose specific locations to sort out vessel for those locations*



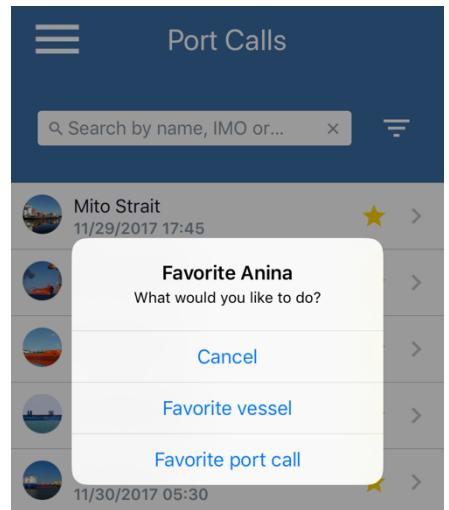
Search Bar

Selecting a Port Call can be done by *tapping* one Port Call from the scrollable list or by entering the vessel name or the IMO of the vessel, using the **Search Bar**.



Favorites and Expired

A port call or a vessel can be added to the Favorites list by holding a finger on a vessel in the Port Call list and choose the alternative. If a port call or vessel already is marked as favourite the choice will be to remove it from the list of favorites.



When a Port Call is selected a 'star' and a 'vessel' are shown on the top between the menu button and the text named Timeline. By tapping the icons, the port call (star icon) and/or the vessel (vessel icon) the port call/vessel is added to the favourite list. To indicate that a port call and/or a vessel is added the icons shift colour from grey to yellow (star) and from grey to blue (vessel).

The over crossed eye between the Timeline text and the white Plus button is the icon to hide/show expired events. A crossed over eye means that the data is hidden (default).

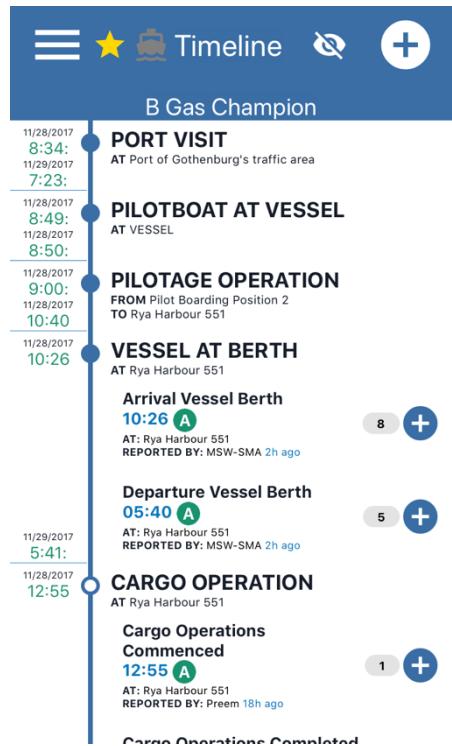
The favourite port calls and vessels are always displayed in the top of the Port Call list and then sorted by the filter settings (as the rest of the port calls) and the icons are also shown in the list to mark the favorites..

The first screenshot shows the Timeline tab selected. The second screenshot shows the Timeline tab selected and the plus sign icon is also present, indicating the ability to add new events.

The screenshots show a list of port calls. The first item is 'Eken' (12/01/2017 07:00). The second item is 'Sten Skagen' (12/01/2017 16:00). The third item is 'Stena Scandinavica' (12/01/2017 07:45). The fourth item is 'Jutlandia Swan' (12/02/2017 18:00).

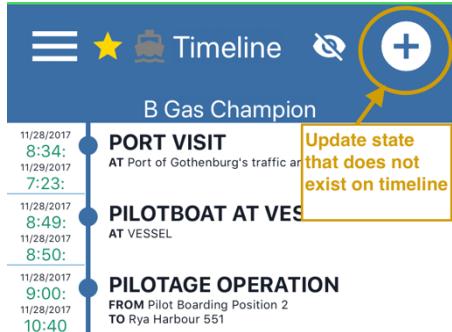
Timeline

The **Timeline** consists of *operations, statements, timestamps* and indicator for *multiple reporting timestamps*. The main purpose of this view is to visualize detailed information from all involved actors on a selected port call to enable for common situational awareness among the actors.



Report Timestamp via Timeline View

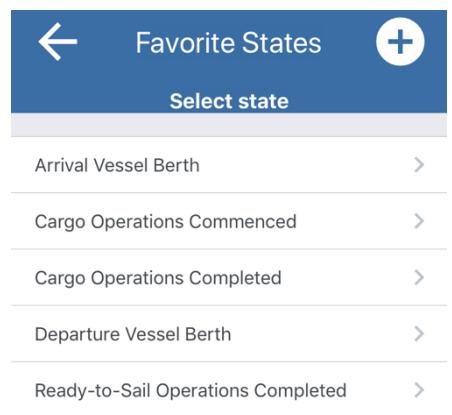
To add or report a new Timestamp that *does not exist* on the timeline, tap the white *Plus Button* in the blue header at the top to the right.



Favorite States

The screen navigates to a new view called '**Favorite States**' and each actor can preselect a list of states that they can report (Described under section *Settings and Edit Favorite States*).

The list will be empty as default. The user can *edit, add or withdraw*, the list of states by *tapping the white plus button* on the *blue header*.



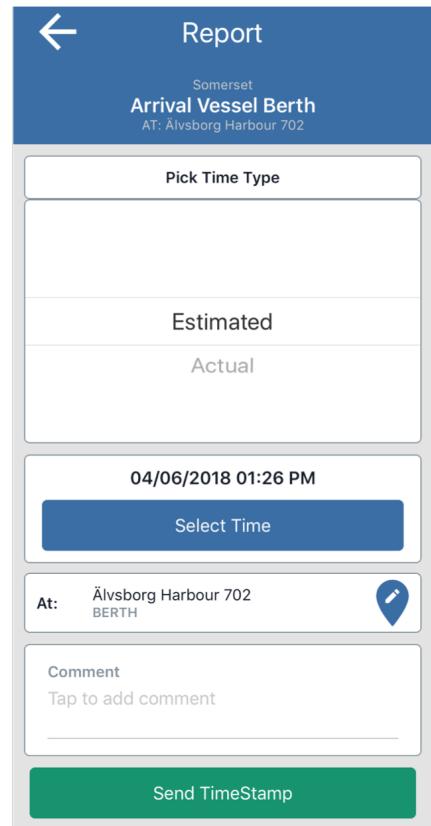
Report Timestamp via Favorite States

This is the second way to report a timestamp.

When reporting a new timestamp the user must *select* the time and *pick* a time type. The user also has to *pick* a location

When the required information is filled in, the Send timestamp will turn green and you can press it to send the timestamp.

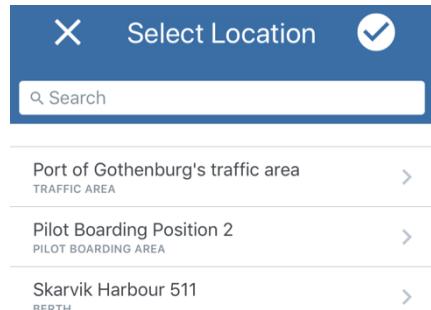
You can also add a comment to the timestamp



Select Location

When the list of locations is opened you can scroll down in the list to find the location you are looking for or you can start typing in the Search field and it will immediately start filtering.

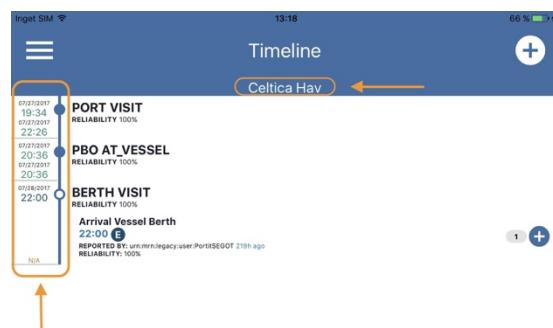
To make it easier to find your location the location in the top of the list is the locations that has already been reported for the port call.



Port Call Operation

The **Timeline** view displays a metro timeline of operations for the selected Port Call based on submitted timestamps. The selected Port Call's vessel name is displayed in the blue header.

On the left side of the timeline, is date and time information on each operation displayed. Each operation has a start time and an end time at display.



The timestamps on the left side of the timeline changes colour to either *green* or *dark blue*, depending on time type. The default colour a light and bright blue colour. If no timestamp has been reported on that operation, the symbol 'N/A' is visible in orange colour. 'N/A' stands for Not Available.



Touchable Operation

All reported timestamps, for the selected Port Call, is displayed on the right side of the timeline. Each operation has a circle in the metro timeline. If an operation is reported as completed, the circle is filled and the operation box is collapsed (closed). The operation box contains more information about the operation and its time stamps. If the operation is ongoing, the circle is empty and the operation box is open.

To open a closed operation box or close an open operation box, *tap* on the operation title name. When an operation is opened, it expands with more information about the different time stamps related to that operation.

Operation	Timestamp	State	Reliability
PORT VISIT	11/28/2017 8:34	A	100%
PILOTBOAT AT VESSEL	11/28/2017 8:49	A	100%
PILOTAGE OPERATION	11/28/2017 9:00	A	100%
VESSEL AT BERTH	11/28/2017 10:26	A	100%
CARGO OPERATION	11/29/2017 12:55	A	100%

Port Call Statement

In this Port Call the operation 'Port Visit' has 3 statements, 'Arrival Vessel Traffic Area', 'Departure Vessel Traffic Area' and 'PortVisit_Confirmed'.

Each statement is displayed with the state name and the timestamps.

Statement	Timestamp	State	Reliability
Arrival Vessel Traffic Area	07/27/2017 19:37	A	100%
Departure Vessel Traffic Area	07/27/2017 22:26	A	100%
PortVisit_Confirmed	07/27/2017 22:00	A	100%
PBO AT VESSEL	07/27/2017 20:36	A	100%
BERTH VISIT	07/28/2017 22:00	E	100%
Arrival Vessel Berth	07/28/2017 22:00	E	100%

Icons

The indicator icon, next to the title name, informs the user that one or more warnings are indicated for this event.

The round icon next to the timestamp shows what type the timestamp is. The green circle with 'A' represents the time type 'Actual' and the dark blue circle with 'E' represents the time type 'Estimated'.



Badge & Blue Plus Button

Each statement row also has one grey badge with a number and one blue '+' button. The grey badge displays the number of timestamps for a specific time type and state that has been submitted.. The first statement 'Arrival Vessel Traffic Area' has 3 reported timestamps for actuals. The blue plus button is touchable.

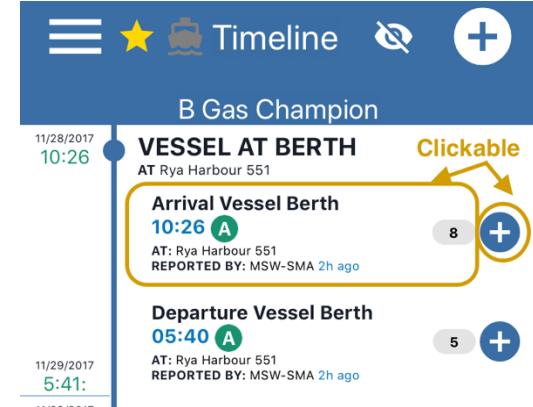


Touchable Statement

The user can from this view *tap* on either the statement box or the blue plus button.

To find out more details about a specific statement, simply *tap* on the statement box and the app redirects the user to a new view called '**Details**'.

To report a new timestamp for that statement, *tap* on the blue plus button.

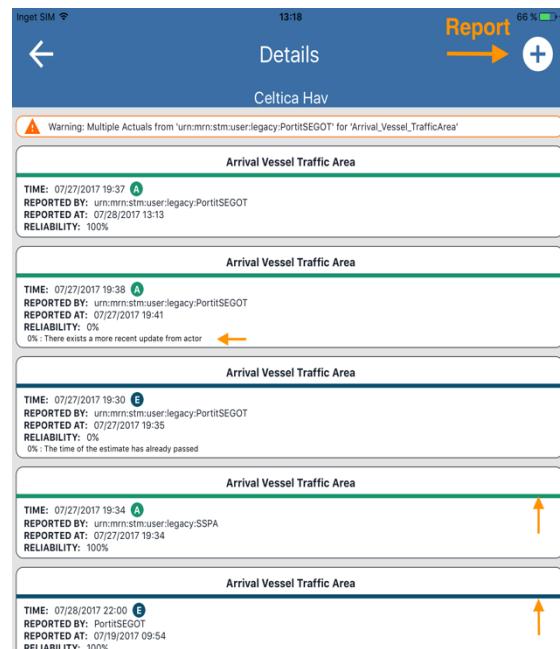


State Details

If the statement box 'Arrival Vessel Traffic Area' was *tapped*, a new view with details is showed called '**Details**'. The grey badge showed the number 3 and in the statement detail view, 3 timestamps has been reported with the time type 'Actual'. In the log the user can see that two 'Estimated' timestamps has been reported earlier.

An indicator is displayed at the top of the view and in this specific case this message informs the user that multiple actuals has been reported from the same actor.

To report a new timestamp for this specific statement('Arrival Vessel Traffic Area') for this Port Call(Celtica Hav), *tap* the white plus button in the blue header in the right corner.



Report Timestamp via State Details

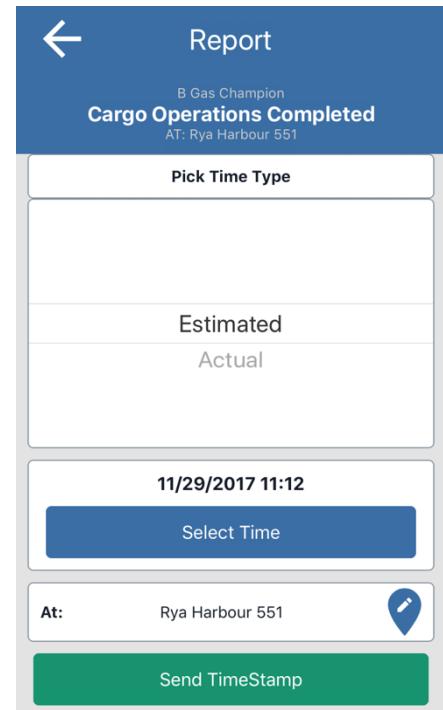
This is the second way to report a timestamp.

When reporting a new timestamp the user must *select* the time and *pick* a time type. The user can also *pick* a location or *change* a location.

In this view you can also add a comment to your timestamp.

When the required information is filled in, *tap* the blue button 'Send Timestamp'.

The user will get a confirmation message if the timestamp was sent successfully.



Report Timestamp via Statement row

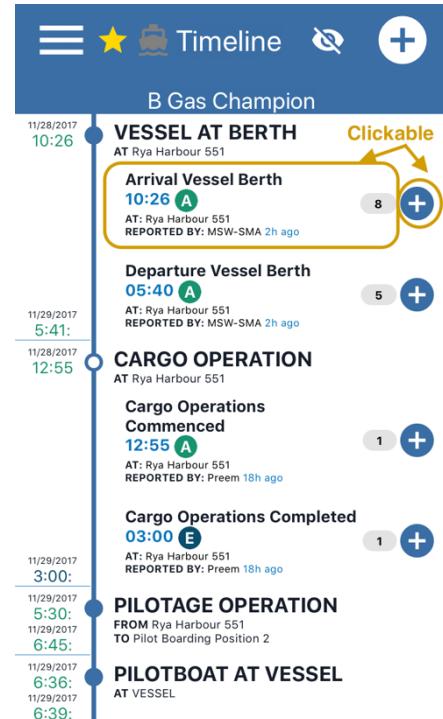
This is the third way of reporting a timestamp.

Tap the back arrow twice to end up on the **Timeline** view again.

From this view there is two ways to report a timestamp.

If the statement already exist, either as an 'Estimated' or 'Actual' timestamp, it is shown in the timeline and the user can report a new timestamp with simply *tapping* on the blue plus button on the statement row of that statement.

If it is a new statement, the user can report a new one by *tapping* the white plus button on the blue header in the top of the right corner.



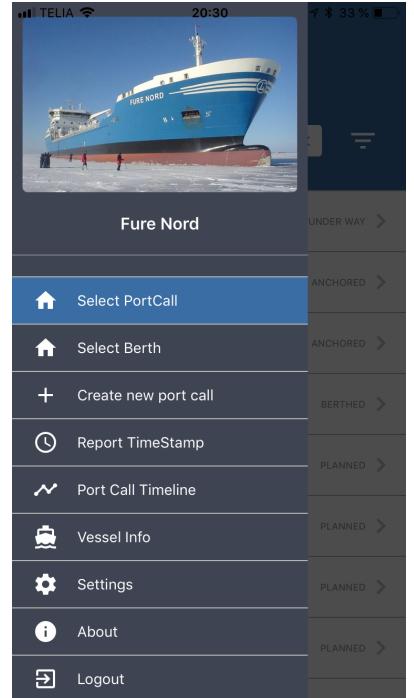
Port Call Overview

Navigation from Timeline to Overview

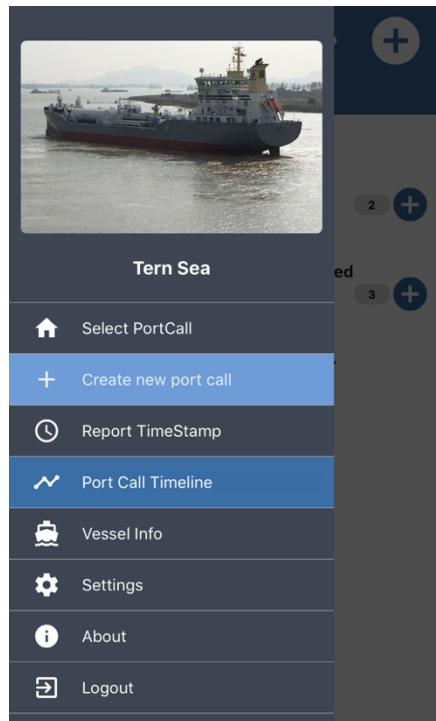
When a Port Call is selected, the user can explore more functionality within the app by *tapping* the white menu button on the blue header on top of the left corner (the **Sidebar Menu**).



The app saves the selected Port Call and the **Sidebar Menu** shows the selected Port Call by the picture of the vessel and the vessel's name. Since the **Timeline** view is open in the background, the **Sidebar Menu** informs what view the user is currently on with a blue marker.

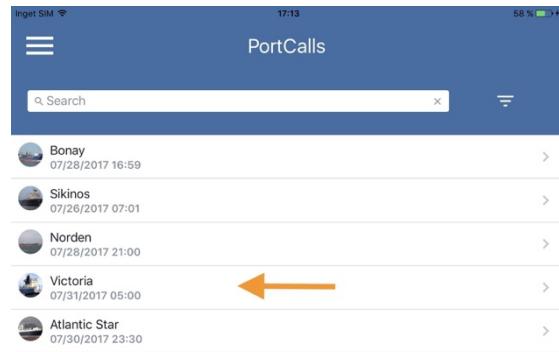


When *tapping* on a new view, the marker turns light blue to show the user which one is being *tapped*.



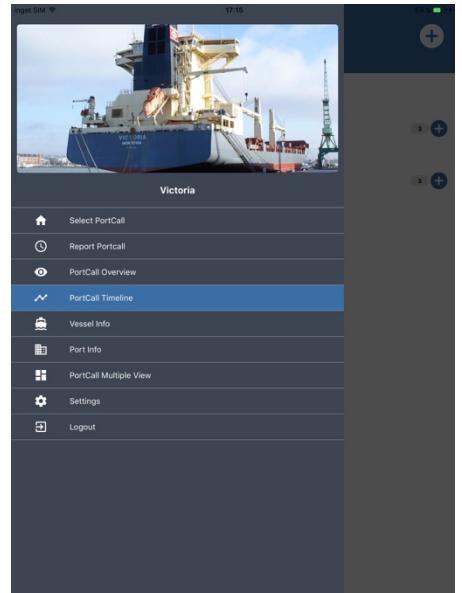
Change Port Call

Tap the menu button again and tap on ‘Select Port Call’. Then tap on a new Port Call from the list. The guide picks Victoria.



The user can now see that the selected Port Call has been changed from ‘Celtica Hav’ to ‘Victoria’.

To see more information about the vessel of this port call, tap on ‘Vessel Info’.

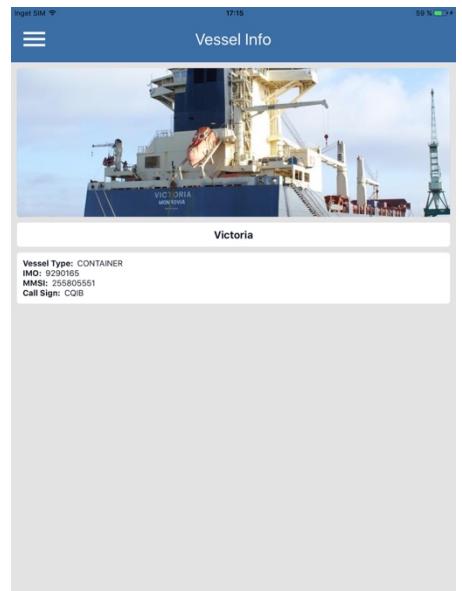


Vessel Info

The ‘**Vessel Info**’ page displays more information about the vessel in the selected Port Call.

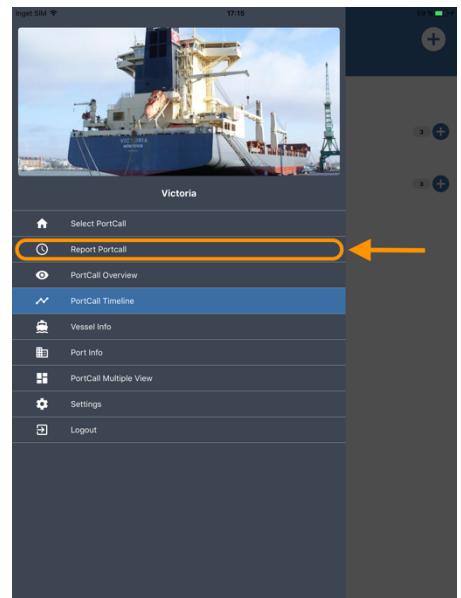
The view displays a picture of the vessel and its name.

The second box displays more detailed information, such as vessel type, IMO number, MMSI number and call sign.



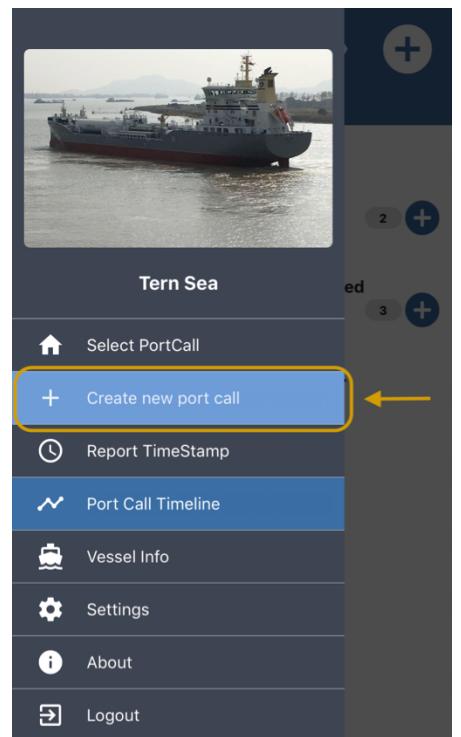
Report Time Stamp

To report a new timestamp directly, *tap* on ‘Report Timestamp’. This is the fourth way of reporting a timestamp.



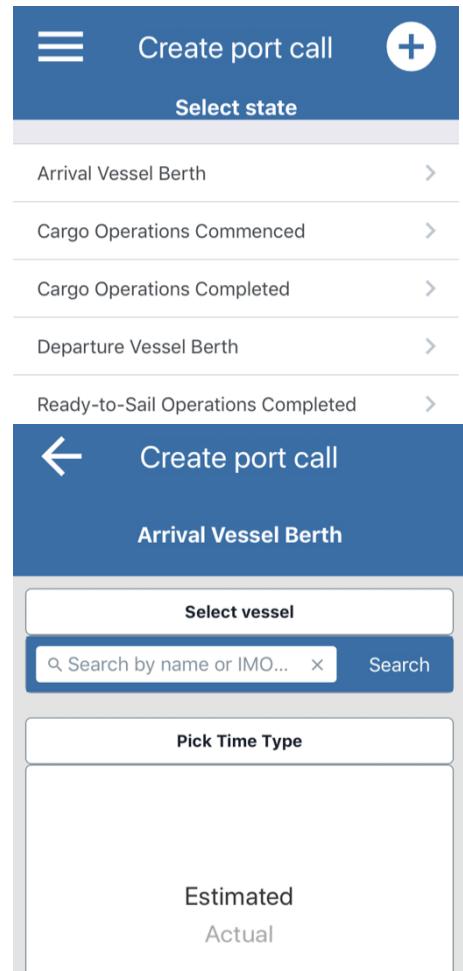
Create new Port Call

If a port call doesn't exist you can create a new by selecting Create new port call in the main menu of the PortableCDM.



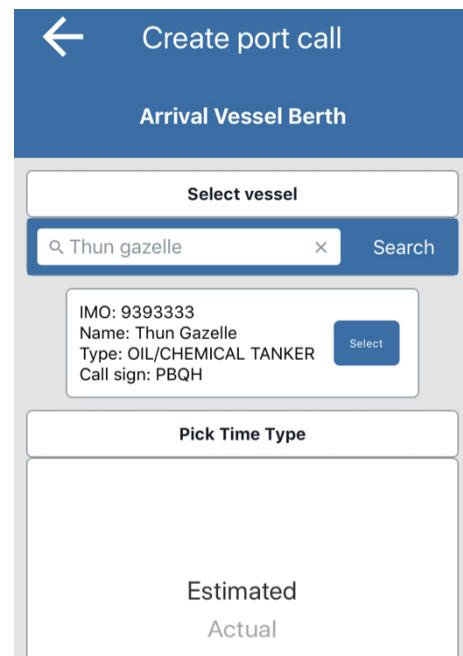
Create port call

The view Create port call, Select state indicates that you should choose a state to use for creating the new port call. The states shown in this view is the same states as you have chosen as your favorite states. Tap on one of the states to choose continue. By tapping on the white plus button you can choose another state for creating the new port call if you don't want to use one of the favorite states.



Select Vessel for the port call

In this view you will select the vessel for the new port call for the selected state you choose in the previous view and which time type you will send and location. By tapping in the Search field under Select vessel you can enter the name, IMO or MMSI number of the vessel and then tap Search to find it. You have to type the complete name, IMO or MMSI in order to find the vessel in the data base.



The vessel will appear under the Search field, with IMO number, Name, Type and Call sign. Click on Select to choose the vessel if it is the vessel you want to use for creating a new port call.

Choose which time type, Estimate or Actual you want to report and select date and time by taping on Select Time.

Choose location for the state you wish to report, the location list will then be opened. The Send Timestamp button is faded in grey until you have entered the required data for creating a port call.

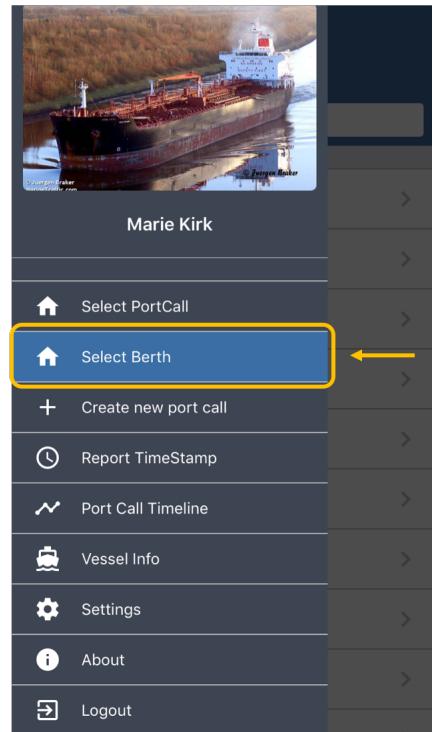
The screenshot shows the 'Create port call' screen. At the top, it says 'Thun Gazelle' and 'Arrival Vessel Berth'. Below that is a search bar with 'Thun gazelle' and a 'Search' button. A section titled 'Pick Time Type' contains 'Estimated' and 'Actual' options. Below this is a date and time field showing '12/01/2017 07:49' with a 'Select Time' button. Underneath is a location field 'At:' with a location pin icon, showing 'Skarvik Harbour 520 BERTH'. At the bottom is a green 'Send TimeStamp' button.

Once a vessel, time type, date and time and locations is selected the Send Timestamp button will shift from faded grey to green and you can press on the Send Timestamp button to create the new port call.

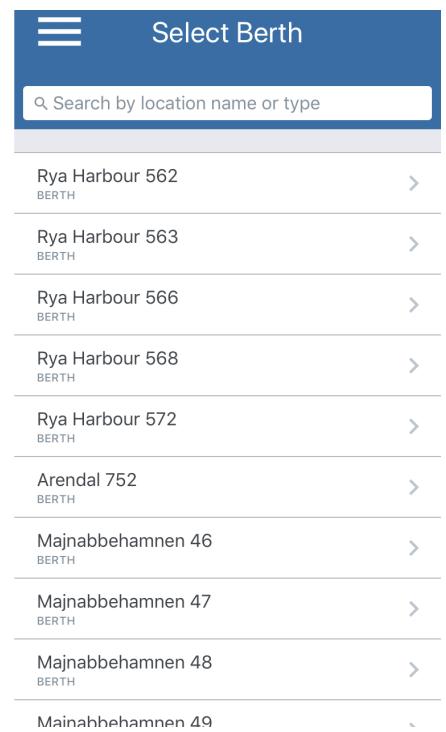
The screenshot shows the 'Create port call' screen with the location 'Skarvik Harbour 520 BERTH' selected. The 'Send TimeStamp' button at the bottom is now a solid green color, indicating it is ready to be pressed to create the port call.

Berth View

By selecting 'Select Berth' in the main menu of PortableCDM.

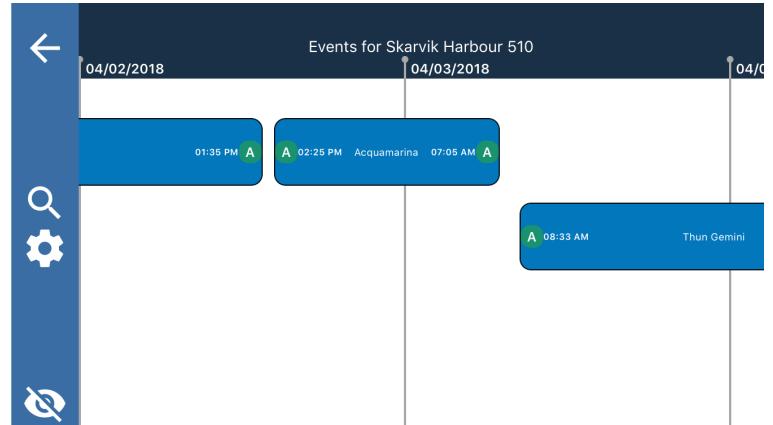


You then will arrive to Select Berth where you choose the berth you want to which port calls are bound for the berth you choose.



By scrolling left or right you can go back to past dates or forward to future dates to see different port calls that have an Estimated/Actual arrival and or departure states for the specific location

If you click on one of the vessel you will get information about the timestamp for arrival and departure berth.



If you tap on 'OK' you will get back to above picture and if you tap on 'View portcall details' you will be directed to the timeline of that specific port call.

Arrival Vessel Berth

A	04/03/2018 08:33 AM	SSPA	at 04/03/2018 08:36 AM
A	04/03/2018 08:33 AM	MSW-SMA	at 04/04/2018 01:10 PM
A	04/03/2018 08:33 AM	MSW-SMA	at 04/03/2018 10:04 PM
A	04/03/2018 08:33 AM	MSW-SMA	at 04/03/2018 03:03 PM
A	04/03/2018 08:33 AM	MSW-SMA	at 04/03/2018 02:16 PM
A	04/03/2018 08:33 AM	MSW-SMA	at 04/03/2018 08:40 AM
E	04/03/2018 09:00 AM	MSW-SMA	at 04/02/2018 10:16 PM
E	04/03/2018 09:00 AM	MSW-SMA	at 04/02/2018 07:54 PM
E	04/03/2018 09:00 AM	MSW-SMA	at 04/02/2018 07:23 PM

View portcall details

Ok

