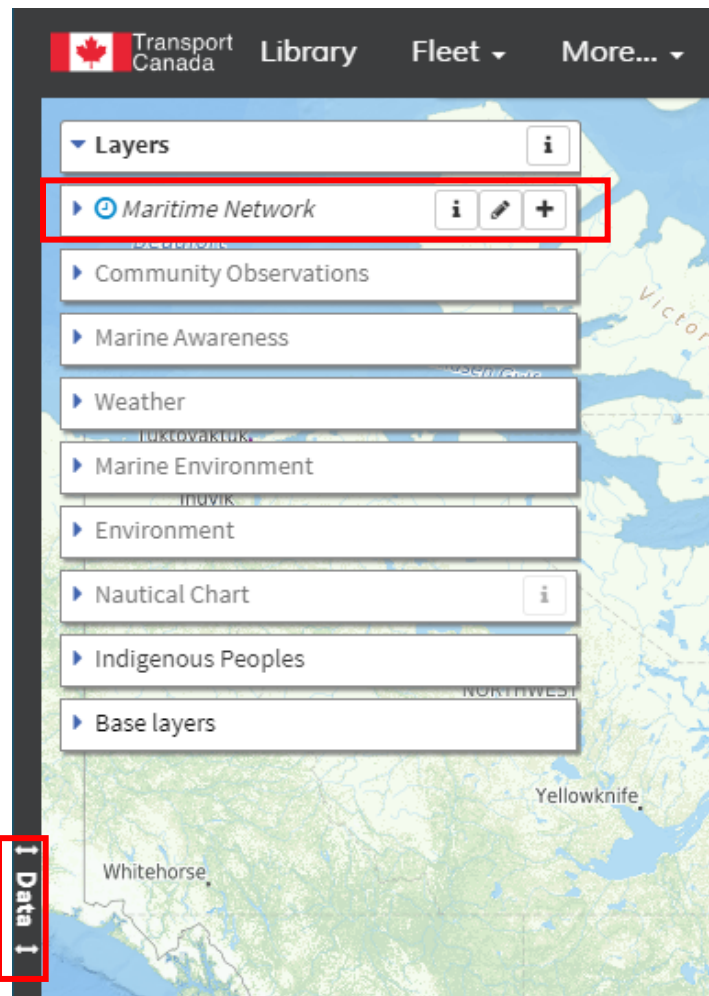




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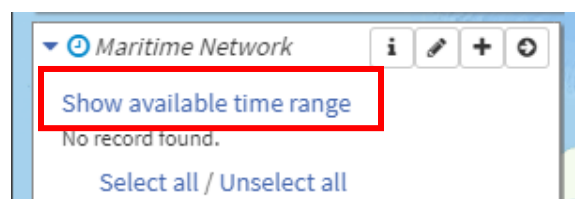
SEARCH & ASSET FINDER

You can monitor vessels in the Maritime Network Layer over time. Open the “Data” panel on the left of the map.



Notice the blue clock symbol next to the “Maritime Network” layer name.

You may see the layer’s available time range by click on “Show available time range”. Temporal layers all have different time ranges.





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The clock symbol symbolizes the existence of temporal (time-related, date/time) data in the data source.

- Blue clock means the layer has temporal data that includes today.
- Orange clock means the layer has temporal data that precedes today.
- Grey clock means the layer has temporal data that was not turned on, or the layer itself is turned off.

Maritime Network

Name

Filters... Clear


ACTIONS	ICON	NAME	TRANSMISSION TIME	INFO
Actions ▾		JIA YUE	7m 54s	
Actions ▾		JUPITER N	21m 08s	
Actions ▾		LOUI M	26m 44s	
Actions ▾		JEANNE ARAIN	29m 49s	
Actions ▾		ATLANTIC VOYAGER	7m 10s	
Actions ▾		SHOCKWAVE 3	57m 57s	
Actions ▾		BURNS HARBOR	7m 31s	
Actions ▾		NEW FRONTIER	7m 07s	
Actions ▾		CELESTIAL SEA	8h 19m 18s	
Actions ▾		MORNING DEW	18h 41m 50s	
Actions ▾		STAVANGER PIONEER	17m 05s	

Layers i

- ▶ Maritime Network i ✎ +
- ▶ Community Observations
- ▶ Marine Awareness
- ▶ Weather
- ▶ Marine Environment
- ▶ Environment
- ▶ Nautical Chart i
- ▶ Indigenous Peoples
- ▶ Base layers







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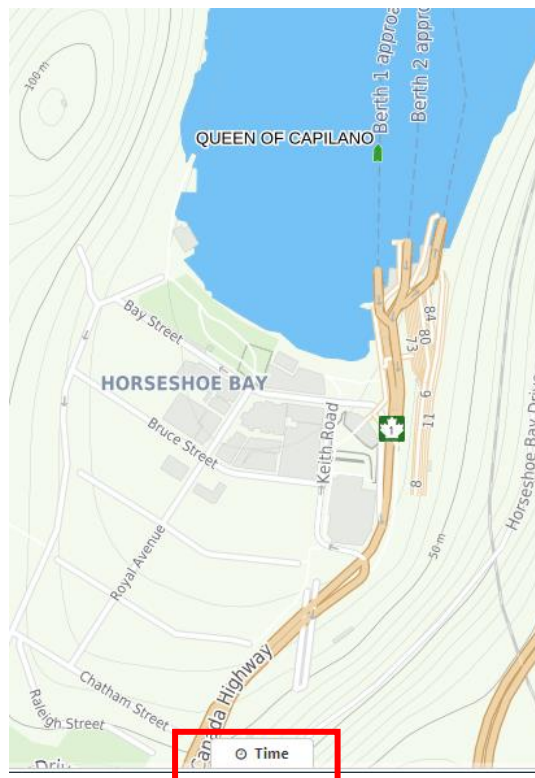
Let's go back to the normal search bar at the top-left of the left panel. Type "Queen of Capilano" and wait a few seconds for the filter to process. Click on "Actions", then on the  icon to zoom the map to where the Queen of Capilano is located. The Queen of Capilano is a passenger ferry that sails between Horseshoe Bay and Bowen Island in British Columbia multiple times a day.

Name

× QUEEN OF CAPILANO Filters... Clear

ACTIONS	ICON	NAME	TRANSMISSION TIME	INFO
Actions ▾		QUEEN OF CAPILANO	1m 06s	

-  Zoom
-  Edit
-  Breadcrumbs toggle

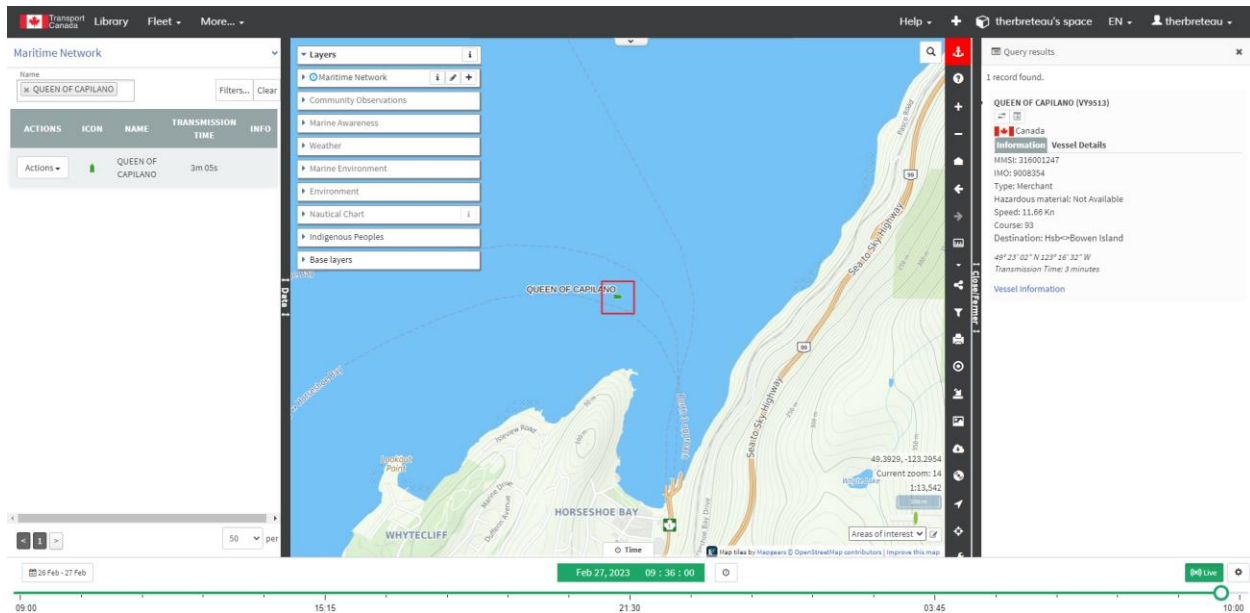




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TIME MACHINE

Close the data panel (left-hand panel) and click on the “Time” button at the bottom of your screen. This will open a panel at the bottom of your screen showing a timeline of the last 24 hours. This is a default – please refer to the “CHANGING TIMELINE SETTINGS” section below to change it. This timeline applies to the entire “Maritime Network” layer. EMSA records vessel positions every 2 minutes and keeps that record in the system, so users can refer past locations of vessels at any time.



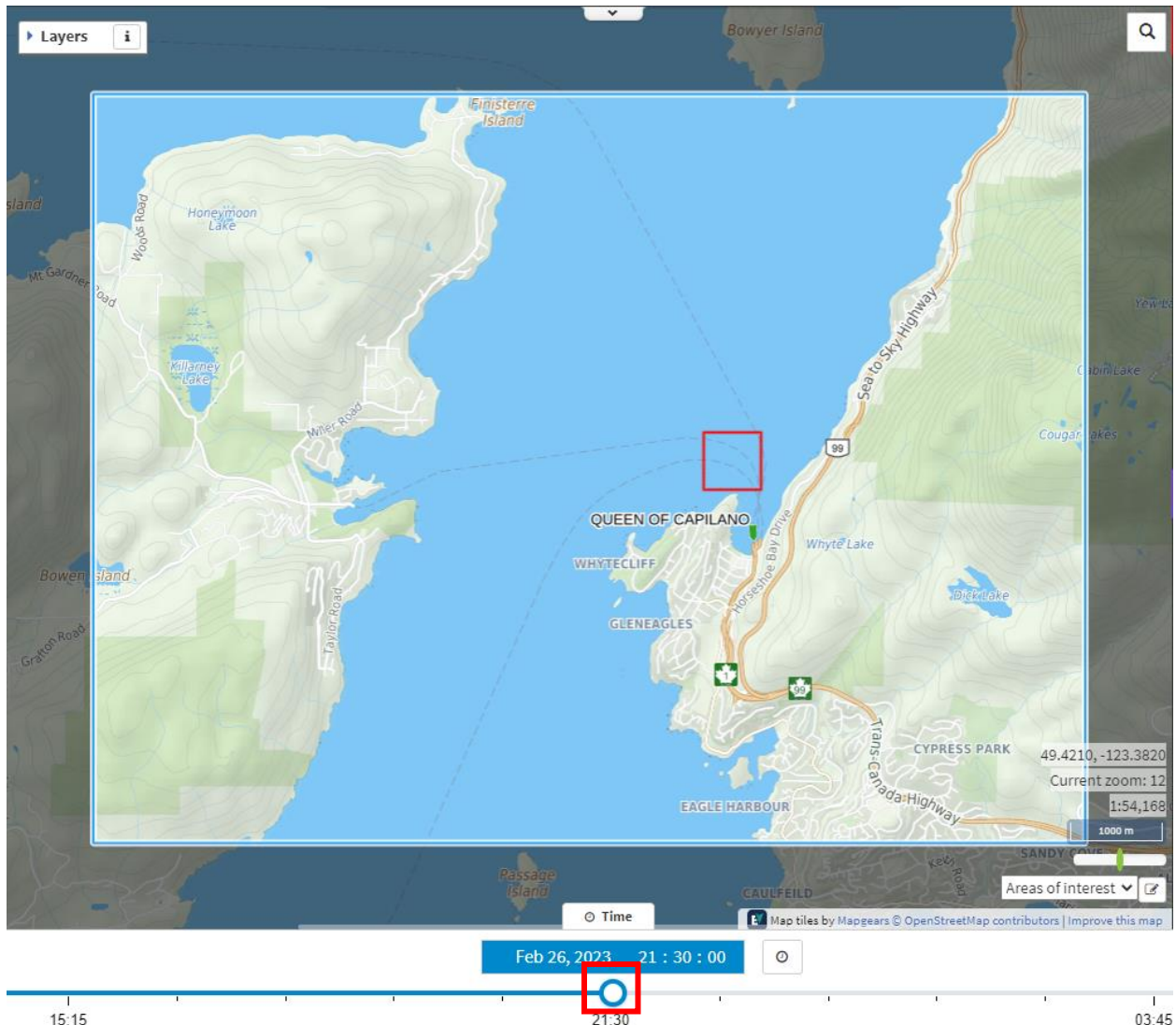
Notice the timeline is green. The map is set on “Live”. As you may see, the “Live” button at the right-hand side of the timeline is highlighted in green, which means that the Maritime Network layer is live.

Select the white circle below the “Live” button and drag it to the left on the timeline. As you may see, this timeline represents the last 24 hours. It will show the location of the Queen of Capilano any time over the last 24 hours **within your view extent**. You may need to zoom out / zoom in to see its location in the past.

As you drag the timeline cursor left and right, you may notice it covers 30-minute increments over the past 24 hours.



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If you need to go further back in time, you may click on the date calendar in the bottom-left to open a calendar. You may choose to change the timeline data for that specific boat to any date.

You may also choose the options “Last 24 hours”, “Last 48 hours”, “Last 7 days”, “Last 30 days” or “Custom”.



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2023-02-26 09:00:00 - 2023-02-27 09:51:04

Cancel Apply

26 Feb - 27 Feb

09:00 15:15

If you click on “Last 30 days” for example, the timeline will change at the bottom of the screen to the last 30 days. However, moving the cursor left and right isn’t as precise as when the time interval was 12 hours.

Maritime Network

Name: QUEEN OF CAPILANO

ACTIONS	ICON	NAME	TRANSMISSION TIME	INFO
Actions	🟢	QUEEN OF CAPILANO	7s	

QUEEN OF CAPILANO (VY9513)

Canada

Vessel Details

MMSI: 316001247
IMO: 9008354
Type: Merchant
Hazardous material: Not Available
Speed: N/A
Course: 203
Destination: Hsb->Bowen Island
49° 22' 37" N 123° 16' 15" W
Transmission Time: 8 minutes

Feb 12, 2023 12:00:00



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If you want to see a specific time over the last 30 days, click on the clock in the middle of the timeline.

The screenshot shows a calendar for February 2023 with the 12th highlighted. To the right, a time selection interface displays '12 : 25 : 00'. A 'Pick Minute' button is visible. Below the calendar, a blue bar shows 'Feb 12, 2023 12 : 25 : 00'. A red box highlights a clock icon on the timeline, which is currently set to 'Feb 12, 2023 12:00 PM'.

To open more options, click on the hours, minutes, or seconds to select based on increments, or click on the blue up and down arrows to select specific minutes and seconds. You will see the Queen of Capilano in different locations as you change the date and time on the timeline.

This close-up shows the time selection interface with the date 'February 2023' and the 12th highlighted. The time is '12 : 33 : 12'. A red box highlights the 'Increment Minute' button. Another red box highlights the up and down arrows for the minutes and seconds fields.

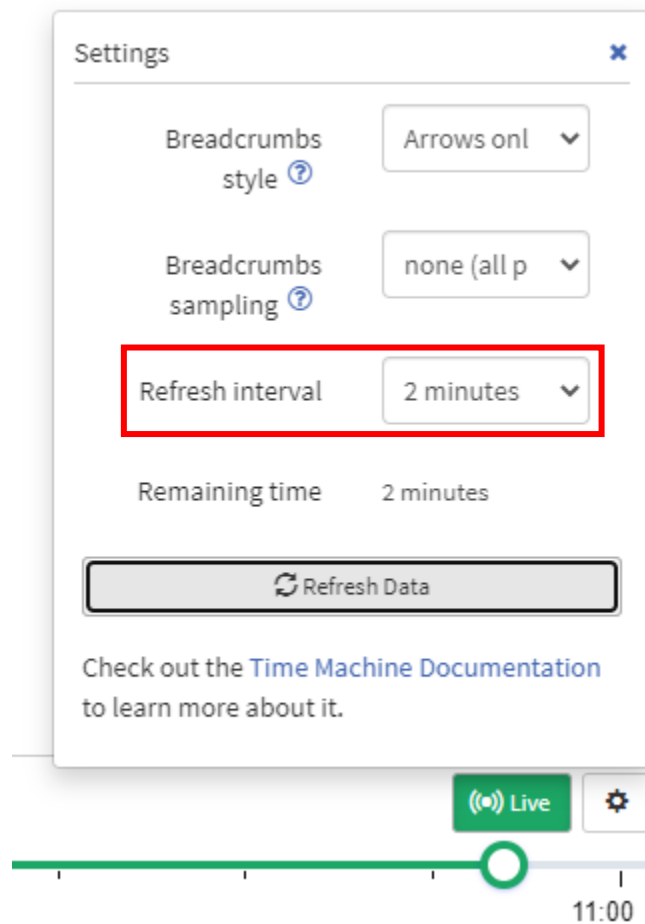
You can select a date to which you want to go back to, the time span from that date and the sampling time you want to see. Since the Queen of Capilano is a ferry and it runs all day, we will select a 4 hours span with a 5 minutes sampling.



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To go back to live view, click the “Live” button on the right of the Time Machine. It will display the current date and time and only show the current or latest records on the map.

Click on the gear next to the “Live” button to open some options such as the refresh interval. The Queen of Capilano has a sailing time between Horseshoe Bay and Bowen Island of only 20 minutes. A refresh interval of 2 minutes is therefore preferable.



BREADCRUMBS

Breadcrumbs enable you to see every AIS (Automatic Identification System) signal of a selected vessel over the period of time selected in the timeline. To turn on the Breadcrumbs, click on “Actions” under the “Maritime Network” layer panel on the right-hand side of your screen. Then click on “Breadcrumbs toggle” to turn on Breadcrumbs. Red arrows will show up on the screen. They represent all signals of the “Queen of Capilano” over the last 24 hours, aka the “breadcrumbs” the vessel left on its trips.



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Maritime Network

Name
* QUEEN OF CAPILANO Filters... Clear

ACTIONS	ICON	NAME	TRANSMISSION TIME	INFO
Actions		QUEEN OF CAPILANO	3m 12s	

- Zoom
- Edit
- Breadcrumbs toggle
- Breadcrumbs table
- Track/Untrack
- Buffer

Some Breadcrumbs settings may be changed such as the style and sampling.

Settings

Breadcrumbs style Arrows onl

Breadcrumbs sampling none (all p

Refresh interval 2 minutes

Remaining time 2 minutes

Check out the [Time Machine Documentation](#) to learn more about it.

11:00



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As you may see, the style set to “Dots and lines” and the sampling set to “1 hour” show fewer locations of the Queen of Capilano over the last 24 hours in the shape of red dots and lines. The defaults are “arrows” and “None (all points)”

The screenshot displays the EMSA interface. On the left, a map shows the vessel "QUEEN OF CAPILANO" (V9513) with a red path indicating its movement from Bowen Island to Horseshoe Bay. The map includes labels for "WHYTECLIFF", "GLENEAGLES", and "Bird Islet". A sidebar on the right provides vessel details: "1 record found.", "QUEEN OF CAPILANO (V9513)", "Canada", "Information Vessel Details", "MMSI: 316001247", "IMO: 9008354", "Type: Merchant", "Hazardous material: Not Available", "Speed: N/A", "Course: 341", "Destination: Hsb->Bowen Island", "49° 22' 46" N 123° 19' 51" W", "Transmission Time: 7 minutes", and "Vessel Information". A "Settings" panel is open, showing "Breadcrumbs style" set to "Dots and li", "Breadcrumbs sampling" set to "1 hour", "Refresh interval" set to "2 minutes", and "Remaining time" set to "None". The bottom of the interface shows a timeline from 16:15 to 11:00, with a current time of Feb 27, 2023, 10:24:50.

ASSET FINDER

As you may recall, at the beginning of the guide, you searched for the vessel “Queen of Capilano”.

You may also search for specific vessels (assets) that are not active using the “Asset Finder”. Click on the “Filters...” button in the Maritime Network panel on the left-hand side, then click on the blue magnifying glass “Find an asset” button.



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Maritime Network ▼

Name No record found. Filters... Clear

Class Select all / Unselect all

- Base Station
- Canadian Coast Guard
- Container
- Cargo
- Dredger
- Fishing Vessel
- Rescue Vessel
- Tanker
- Tender
- Tug
- Wing In Ground
- Passenger
- Unknown (All Other Activities)

Navigation Status

Entity type

Device ID

MMSI

IMO

Asset Finder

↑ Data ↑



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The Asset Finder will search for the most recent transmission within the last 90 days. You may change that time range by clicking on the date range next to the “Find” button.

Enter the asset you’re looking for in the search bar and click on the “Find” button.

Asset Finder

Search for... 406609 records found.

identity_id	name	info	class	icon	tracking_interval	mmsi	width	height	length	weight	relativeleft	relativeabove
1000			UK		5							
1000			UK		5							
10000	FREE ENTERPRISE 1		UK		5							
10000	FREE ENTERPRISE 1		UK		5							
100004855	SURICATE		UK		5							
100004855	SURICATE		UK		5							
100006	SSI PRIDE		UK		5							
100006	SSI PRIDE		UK		5							
100008774			UK		5							
100008774			UK		5							

◀ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ... | > | ▶

Select an asset from the list above. Click the Find button to search from 2022-11-28 17:01:27 to 2023-02-28 17:01:27, or choose a different time range before clicking Find.

📅 28 Nov - 28 Feb 🔍 Find Cancel