

## SeaPerformer Data Monitor Version 1.11 Release Note

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Main features included in SeaPerformer Data Monitor version 1.11

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## 1. Carbon Intensity Indicator

One of the new features in SeaPerformer Data Monitor is Carbon Intensity Indicator monitoring and prediction added in Ship Routing. The CII is a new measure to support IMO's objective to reduce CO2 emissions in marine transportation. There is additional block in the Ship Routing results tab which presents so far attained value of CII, CII value predicted for analysed voyage and CII value which will be attained after the voyage is executed. The rating is shown accordingly to the IMO regulation as well.

Voyage summary		Estimated fuel consumption		Carbon Intensity Index		Rating
Departure time:	2022-04-04 13:33:00	Inside SECA - MDO:	0.000 t	Current CII:	12.94	B
Arrival time:	2022-04-08 06:24:37			CII of the planned route:	12.164	B
Duration:	88 hours 51 minutes	Outside SECA - LFO:	149.138 t	Current CII including planned route:	12.885	B
Average speed:	18.5 kn	In Port:	0.000 t			
Distance:	1643.92 NM	Total:	149.138 t			

2022-04-04 13:33:00	HONG KONG (HKHKG) - HONG KONG
2022-04-05 02:34:56	Taiwan Strait - ENTRY
2022-04-05 12:20:29	Taiwan Strait - EXIT
2022-04-06 16:47:52	North Amami - ENTRY
2022-04-06 17:46:10	North Amami - EXIT
2022-04-08 06:24:37	TOKYO (JPTYO) - JAPAN

## 2. Universal counter in Custom Report

Another new feature is Universal Counter added to Custom Report. Users can now add new tile that counts the time during which signals meet certain conditions. This can be useful i.e. for counting working hours of specific system which helps in maintenance planning. Also the conditions can be set for multiple signals simultaneously. The values can also be calculated in a moving window, not only in selected range.

8.5 h

Engine Running in last 24h

Signal:

ME rot. speed

Condition:

Condition value:

## 3. Auxiliary Engine Low Load Alert

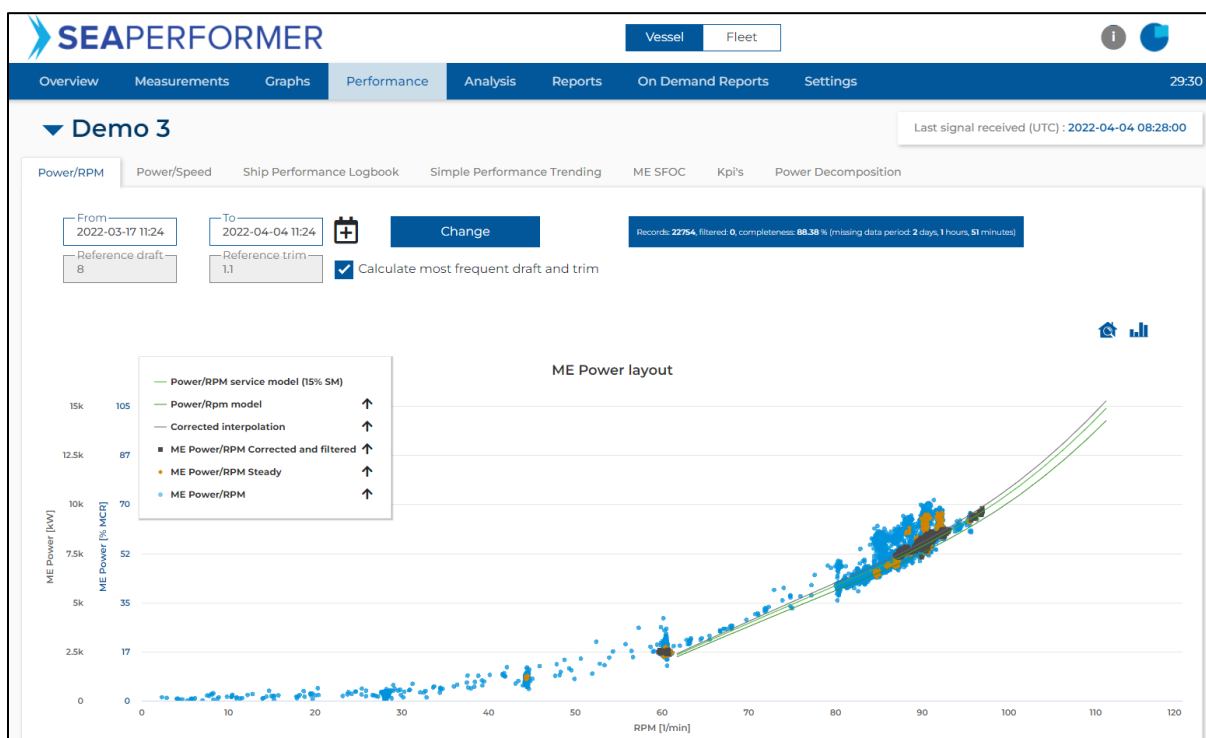
Another new feature is a visualization of alarm that is indicating Low Load of Auxiliary Engine. The onboard system checks if the power demand could be satisfied by smallest generator and therefore to avoid running generators on low load which may result in turbocharger failure. Whenever detected

onboard system informs the crew and also sends this information to the SeaPerformer Data Monitor (cloud).



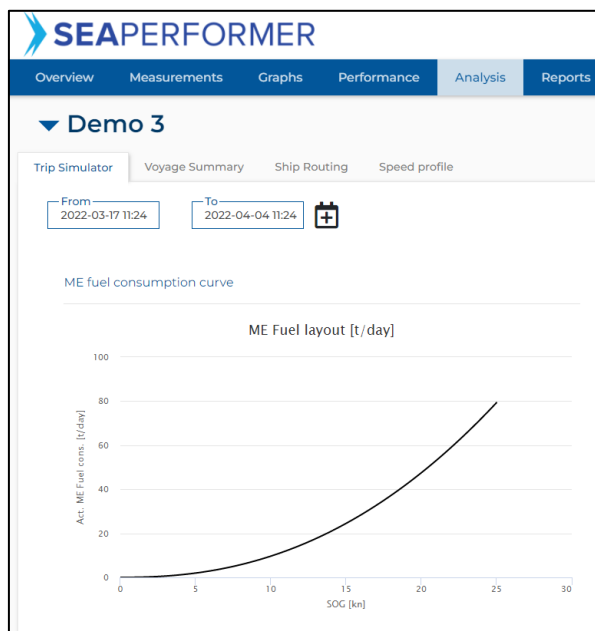
#### 4. Automatic values in Performance Charts

We've added automatic calculation of draft and trim to Power/RPM and Power/Speed charts in Performance graph. The default value will be the most frequent value in the selected time range. This will allow to quickly get a look on the performance of the vessel in most frequent sailing parameters, without the need to manually check the draft and trim of the ship. If the user wants to check performance for other values of draft and trim then the checkbox "Calculate most frequent draft and trim" should be unchecked and the values should be written in appropriate fields.



## 5. Changes in Fuel Consumption graph for Trip Simulator

In this version we've also changed the ME Fuel layout series in Trip Simulator. Now it corresponds to the fuel usage calculated on base of the time range selected by user instead of fixed consumption model used so far. ME fuel consumption curve is recalculated and visualized on chart whenever time range is changed.



## 6. Minor fixes

This point contains some minor improvements in user interface of the application as well as some fixes. These are related to charts clarity, simplification of views and internal data processing optimization. Each new version of the application contains some corrections and improvements thanks to the feedback from the users and internal tests. This release contains the following fixes or improvements:

- fix in Manual Inputs pdf generation,
- fix in Custom Filters,
- adding Smart Data Selector to Voyage Summary,
- simplification of Ship Routing user interface,
- adding select/copy feature to measurement tables,

## 7. Troubleshooting

Availability of new features on particular vessel may depend on specific data or signals. Should any of above mentioned features be unavailable for your vessel please contact our support team at [support@e-vesseltracker.com](mailto:support@e-vesseltracker.com).

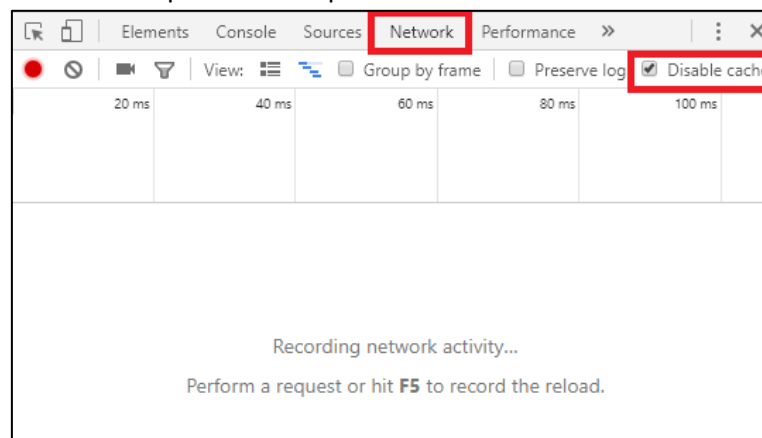
In case of problems with visualization, please try to refresh SeaPerformer site without cached files. Depending on user system:

- **Windows: SHIFT + F5;**
- **Mac/Apple: Apple + R or command + R;**
- **Linux: F5.**

If this doesn't help, try the solutions below:


### Chrome browser

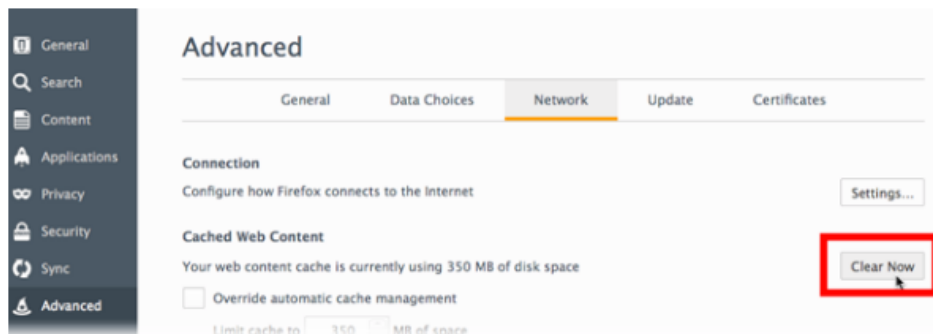
- Click F12 to open developer console;
- Go to Network Tab;
- Make sure that the Disable Cache checkbox is checked;
- Refresh the site with developer console opened.



## Firefox browser

### Clear the cache

1. Click the menu button  and choose **Options**.
2. Select the **Advanced** panel.
3. Click on the **Network** tab.
4. In the **Cached Web Content** section, click **Clear Now**.



5. Close the *about:preferences* page. Any changes you've made will automatically be saved.