SeaPerformer Data Monitor Version 1.16 Release Note

SeaPerformer Data Monitor Version 1.16 Release Note

DOCUMENT VERSION 1.0 / 2024-01-25

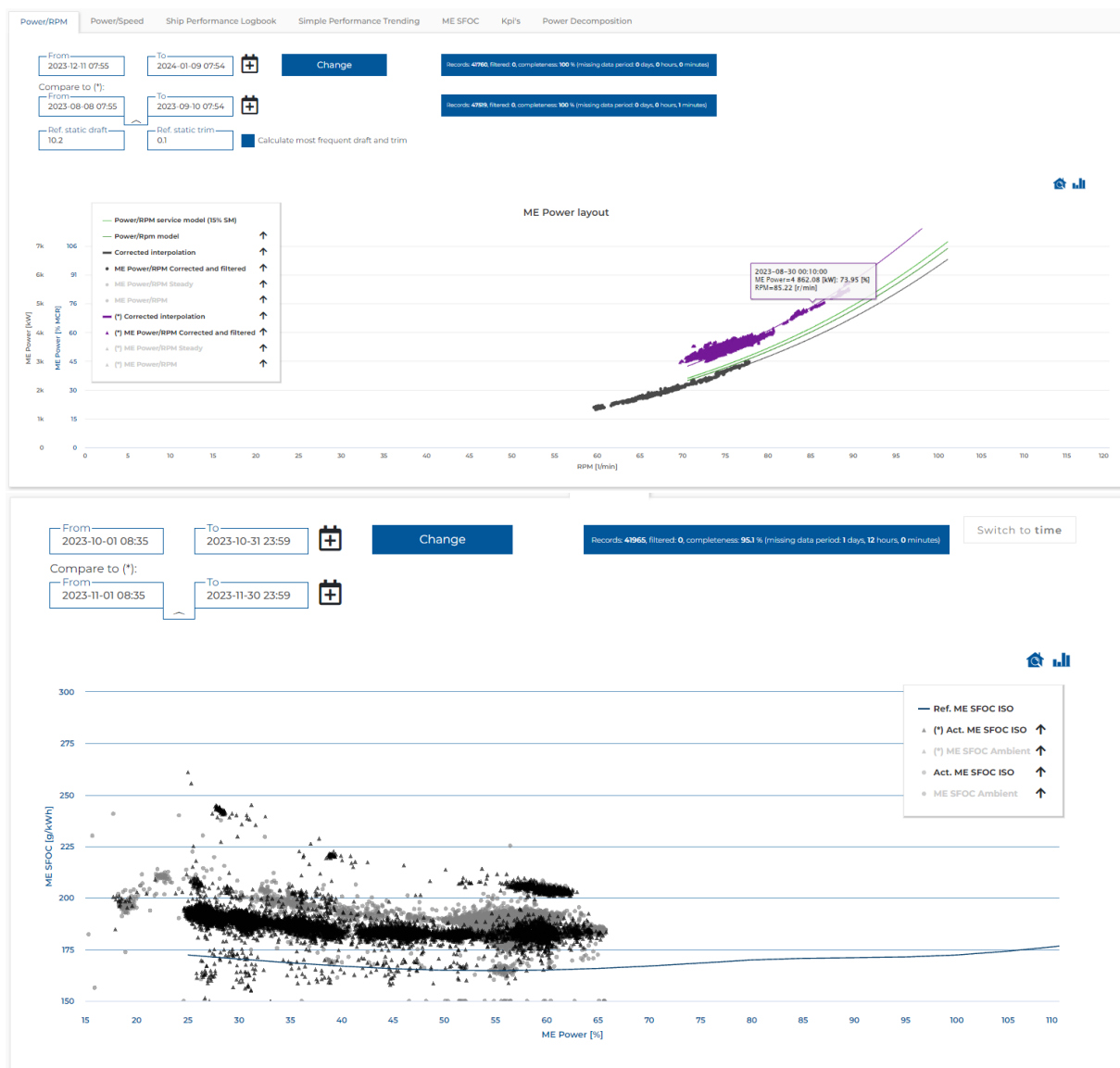Main features included in SeaPerformer Data Monitor version 1.16

1. Performance comparison between time ranges

We added new feature allowing user to compare vessel performance for two separate time windows. This comparison is available for:

- Power/speed performance graph
- Power/RPM performance graph
- ME SFOC graph

Once two time periods are selected, new set of series will be visible on the graph, allowing for quick visual and also more detailed comparison. Below are examples of such views:

All of the series can be turned off or on to make the view clearer and to compare desired data.

2. CII Summary dashboard

We added CII summary for a fleet view in two places. First one is on the dashboard, allowing quickly overview of the vessels rating. They are grouped by the rating, displaying number of vessels in each of them:

New table of CII details has been seen in graphs -> CII page. User can find complete list of every vessel in the fleet and its CII value and rating. Rows are coloured according to rating for a clarity.

| ME Fuel | ME Energy | CO2 Emission | ME Exploitation Factor | CII |

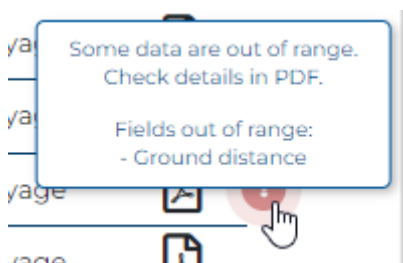| Ship Name	IMO	CII	Rating
Demo vessel 1	XXXXXXX	8.08	E
Demo vessel 2	XXXXXXX	7.44	E
Demo vessel 3	XXXXXXX	6.21	E
Demo vessel 4	XXXXXXX	14.56	D
Demo vessel 5	XXXXXXX	5.17	D
Demo vessel 6	XXXXXXX	13.74	C
Demo vessel 7	XXXXXXX	13.6	C
Demo vessel 8	XXXXXXX	13.08	C
Demo vessel 9	XXXXXXX	9.62	C
Demo vessel 10	XXXXXXX	6.25	C
Demo vessel 11	XXXXXXX	5.97	C
Demo vessel 12	XXXXXXX	5.89	C
Demo vessel 13	XXXXXXX	5.09	C
Demo vessel 14	XXXXXXX	12.58	B
Demo vessel 15	XXXXXXX	11.74	B
Demo vessel 16	XXXXXXX	11.68	B
Demo vessel 17	XXXXXXX	11.34	B
Demo vessel 18	XXXXXXX	10.11	B
Demo vessel 19	XXXXXXX	9.79	B
Demo vessel 20	XXXXXXX	9.72	B
Demo vessel 21	XXXXXXX	5.62	B
Demo vessel 22	XXXXXXX	10.69	A

List can be arranged in ascending or descending order according to values in each column, e.g. to quickly group vessels by CII value or rating.

3. Manual inputs with out of range fields alarm

When crew fills in manual inputs using our SPDA software, we are able to calculate ranges for some of the important values, and validate if value input by the user is out of range. Such field can still be confirmed, but in such cases Seaperformer will inform user that some of the fields does not comply with validation condition. There are several places where this information will be displayed.

- Manual inputs list
- Manual inputs PDF
- Email notification about new alarms

The list will show exclamation mark icon and a tooltip with all the fields that has been flagged as out of range:

ENAMOR Sp z o.o.

ul. Inżynierska 1 | 81-512 Gdynia | Poland

VAT UE: PL 5860102211 | REGON: 00135874

tel.: +48 58 69 01 700

email: research@enamor.pl

web: www.enamor.pl

Once user generate PDF also every suspicious field will be flagged

PARAMETERS

Distance sailed   0.00 [NM] 🔴

And last, but not least is an email containing alarms detected in last 24 hours.

> Good day,
> This is Seaperformer System. This mail contains list of ships which had alarms detected in last 24h.
> seaperformer.com
>
> Vessel Name
> -------
> DG Alarm - Too many generators working.
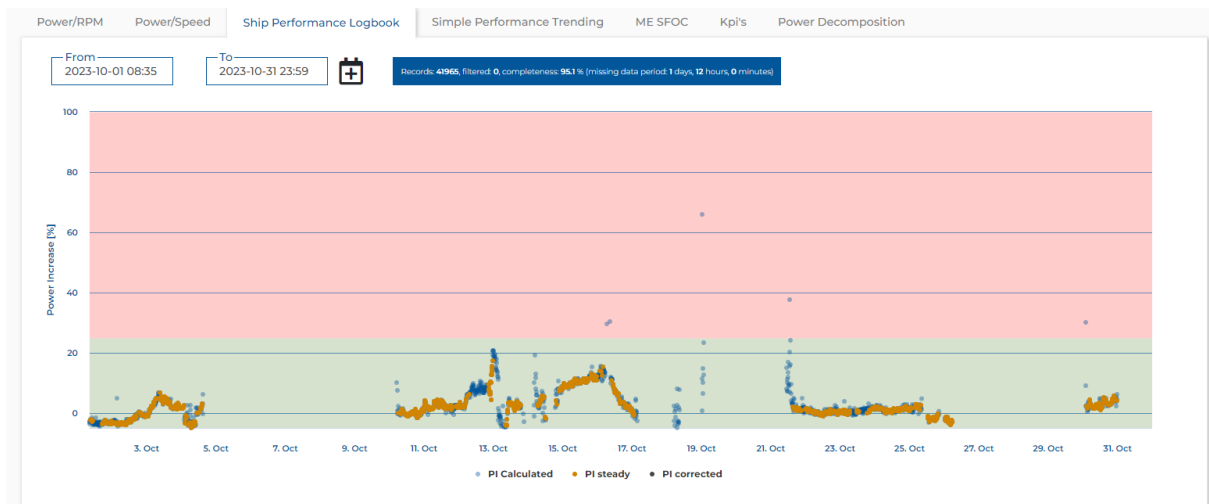> Draught Alarm - Draught sensor readings seem unrealistic, please compare with draught marks.
> AlarmEEXI - EEXI Power Limit exceeded
> Manual Inputs with out of range fields - MRV ID: 1 Voyage ID: Voyage 1
> Manual Inputs with out of range fields - MRV ID: 3 Voyage ID: Voyage 1

4. New Ship Performance Logbook

We made changes to Ship Performance Logbook graph in performance group. It is now available in new form. Alongside with new look, also loading time and graph performance has been improved since graph uses precalculated data.

5. Additional scale on map weather layers

When using weather layers on the map we added additional information on the legend to make it more readable. That includes fixes to the legend and also new scale containing specific values for coloured range:

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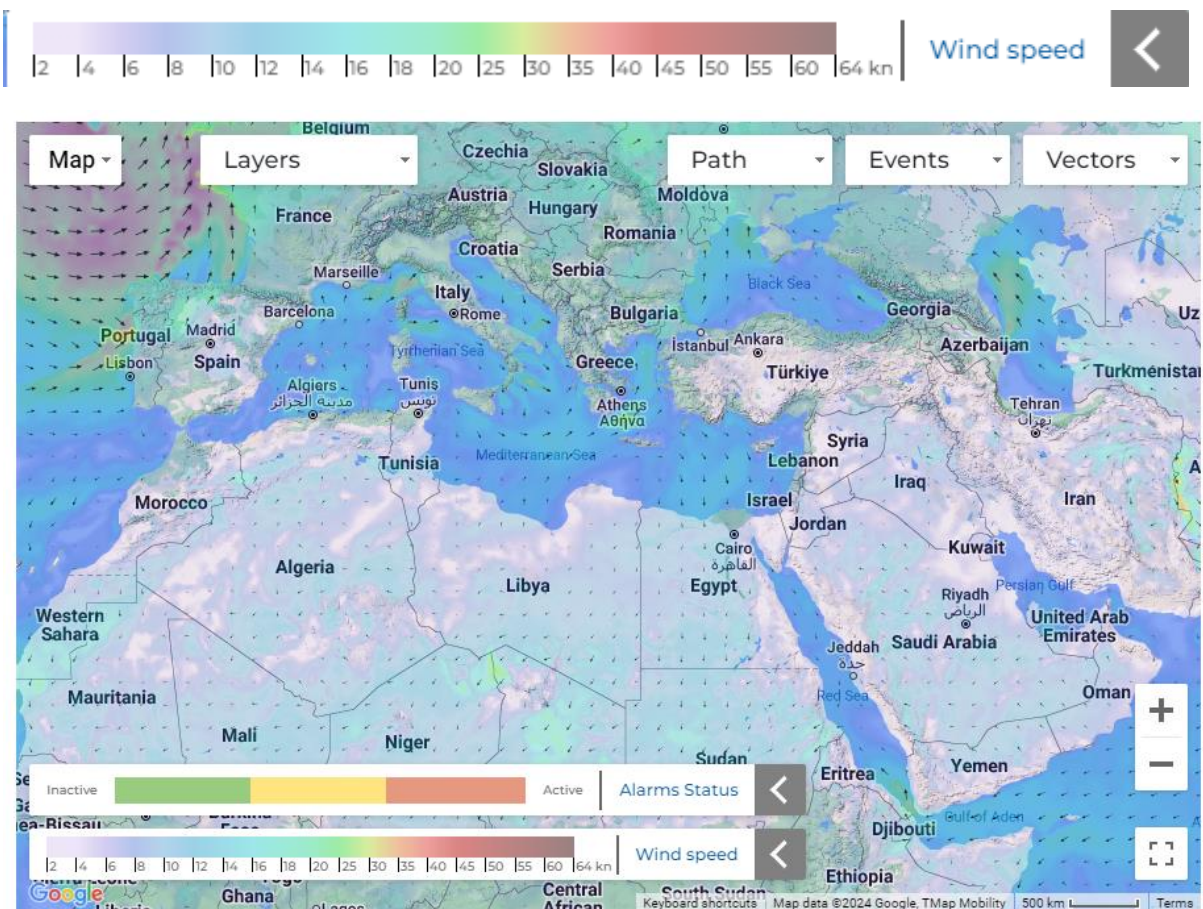
This point contains some minor improvements in the user interface of the application as well as some fixes. These are related to charts clarity, simplification of views and internal data processing optimisation. Each new version of the application contains some corrections and improvements thanks to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

- Upgraded version of separators for custom reports to help organize views,
- Total fuel data fix for specific scenarios,
- Few visual fixes (overlapping elements, wrong spacing),
- Fixes for CII graph in some rare cases,
- Measurement tables – distinction between no data and 0 values,
- DCS reports fix in rare case,
- On Demand Reports – added information in case of no data in selected period,
- Fixes on EEXI graph,
- Additional information about ship name after successful route optimization,
- Loading optimized route – small change in default behavior,
- Typos and visual bugs,
- Map layers minor fixes,
- Graph performance.

7. Troubleshooting

Availability of new features on a 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 coordination@enamor.pl.
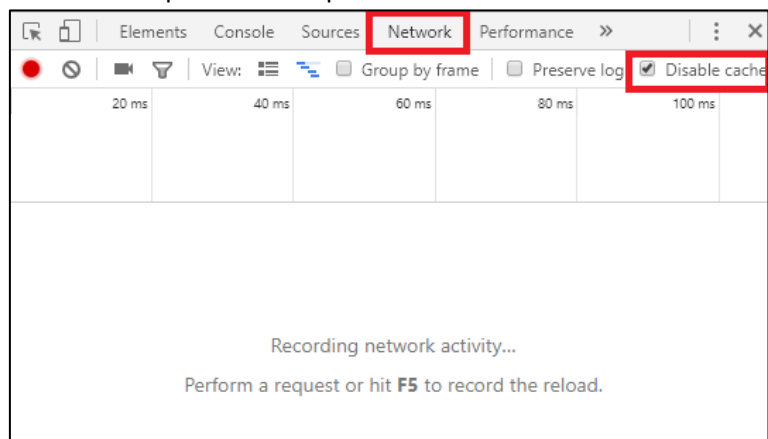
In case of problems with visualization, please try to refresh SeaPerformer site without cached files. Depending on user system:

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

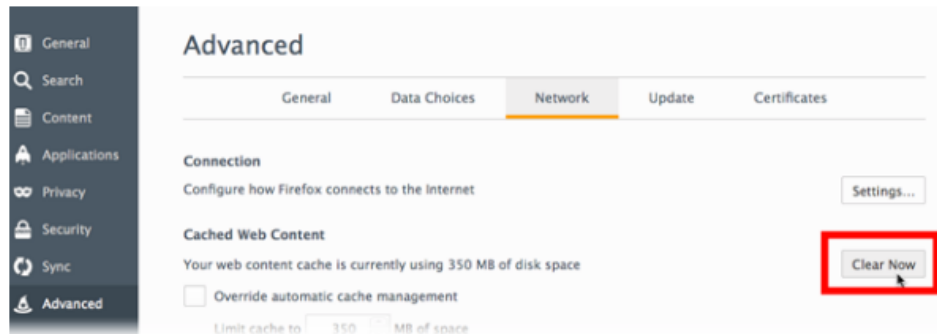If this doesn't help, try the solutions below:

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 .

	Advanced					
General						
Search		General	Data Choices	Network	Update	Certificates
Content						
Applications	**Connection**					
Privacy	Configure how Firefox connects to the Internet					Settings…
Security						
Sync	**Cached Web Content**					
Advanced	Your web content cache is currently using 350 MB of disk space					Clear Now
	☐ Override automatic cache management					
	Limit cache to 350 MB of space					

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