SeaPerformer Data Monitor Version 1.12 Release Note

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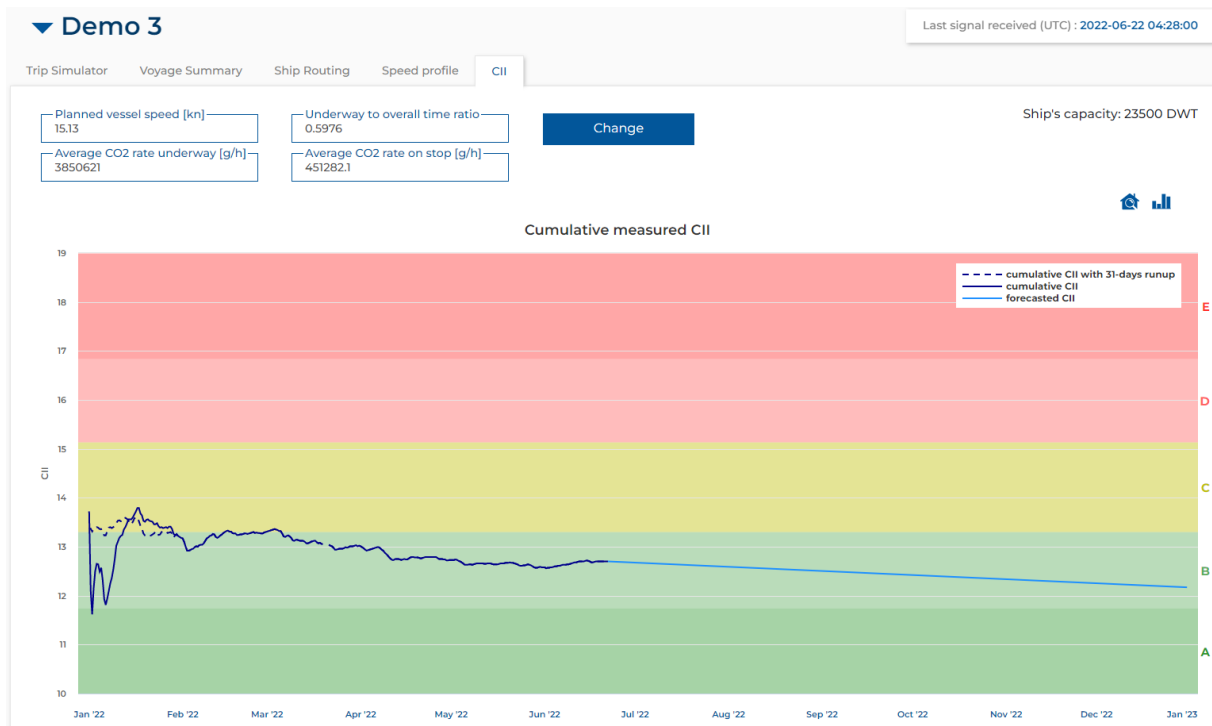
DOCUMENT VERSION 1.0 / 2022-08-04

Main features included in SeaPerformer Data Monitor version 1.12
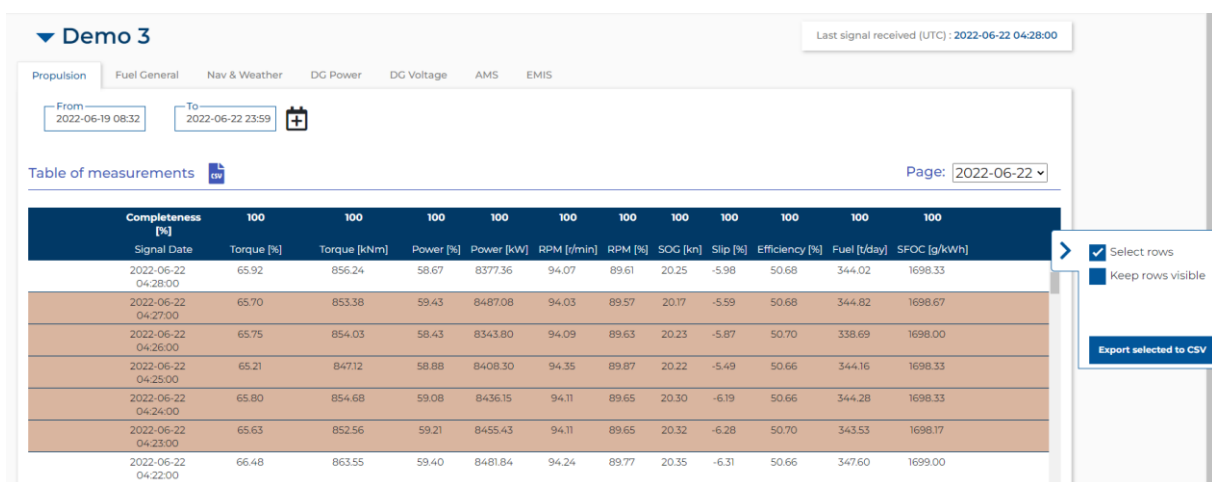
1. Carbon Intensity Indicator Graph

One of the new features in SeaPerformer Data Monitor is Carbon Intensity Indicator graph. The CII is a new measure to support IMO's objective to reduce CO2 emissions in marine transportation. New graph is available under Analysis menu tab. It will display cumulative CII till present day, and value predicted at the end of the year. The ratings are shown accordingly to the IMO regulation as well.

2. Measurements table improvements

Another new feature added to the measurements tab is option to select multiple rows using SHIFT key shortcut. It is possible to select first row, hold SHIFT and click on the last row needed, and all rows between will be selected/highlighted. Selected rows can be then sticked to the top of the table to compare with other rows, or used to be exported to CSV

3. Ship routing CII trend arrow

Small new feature was added to the CII prediction under ship routing. Arrow allowing to quickly see how the CII is going to be in comparison to actual state after selected route.
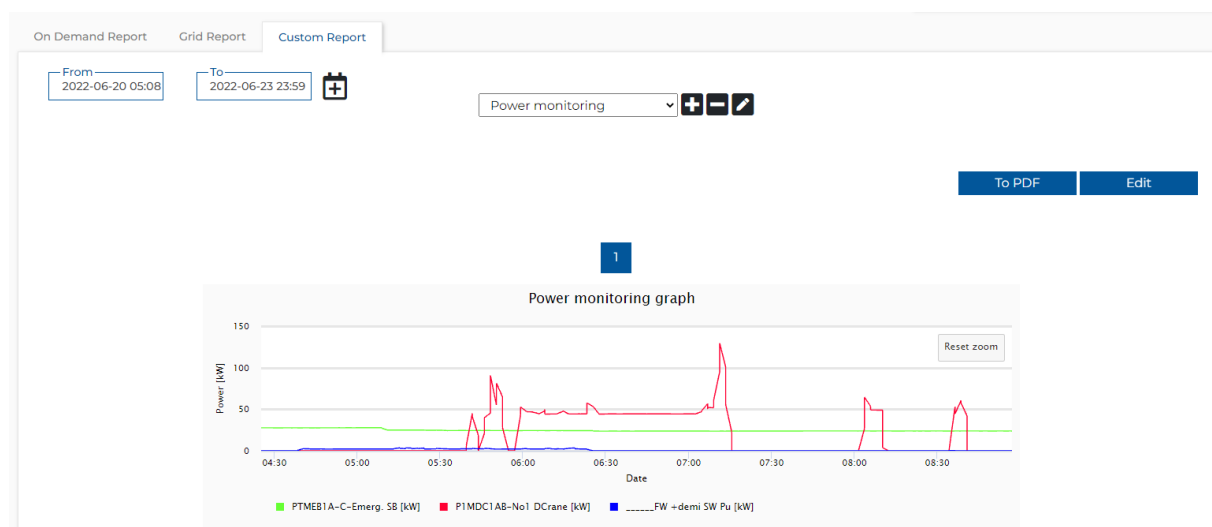
Voyage summary		Estimated fuel consumption		Carbon Intensity Indicator		Rating
Departure time:	2022-06-22 10:54:00	Inside SECA - MDO:	118.952 t	Current CII:	12.702	**B**
Arrival time:	2022-07-02 00:35:42			CII of the planned route:	12.827	**B**
Duration:	229 hours 41 minutes	Outside SECA - LFO:	285.481 t	Current CII including planned route:	12.714 ↗	**B**
Average speed:	18.5 kn	In Port:	0.000 t			
Distance:	4249.36 NM	Total:	404.433 t			

4. Extended flexibility of Custom Reports

Data collection include in some cases vessels specific signals. As these signals are unique for small group of vessels or even for one particular ship, general tolls in SeaPerformer do not provide visualization. In order to cope with this challenge Custom Reports were upgraded.

We added nonstandard signals to the list of signals possible for selectin in Custom Reports. Our Custom Reports view is very flexible and can be customized freely by the user..

Also small visual changes were made to ensure visibility of new tiles added to the Custom Report page (tile border).
Furthermore vessel name in the exported PDF file name was added in the header to help with identifying custom reports exported files.

5. Internal tool to monitor data integrity and completeness.

We are continuously working on improving SeaPerformer. We created internal tool which will help our team to monitor data saved and processed in the system. SeaPerformer receives and calculates a

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

lot of data packages every day, so making sure everything is in order isn't an easy task. The tool allows us to provide overall better quality of service in terms of data. Although it has not direct visual effects (i.e. new graph or table) the stability of data processing is improved.

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 Auxiliary Engines Performance Comparison
- fix in trip simulator
- fix in speed profile graph
- improvement in time graph signals limits
- improvement to ship routing fields validation
- small change in MRV reports – XML export
- extended list of matching ports in ship routing

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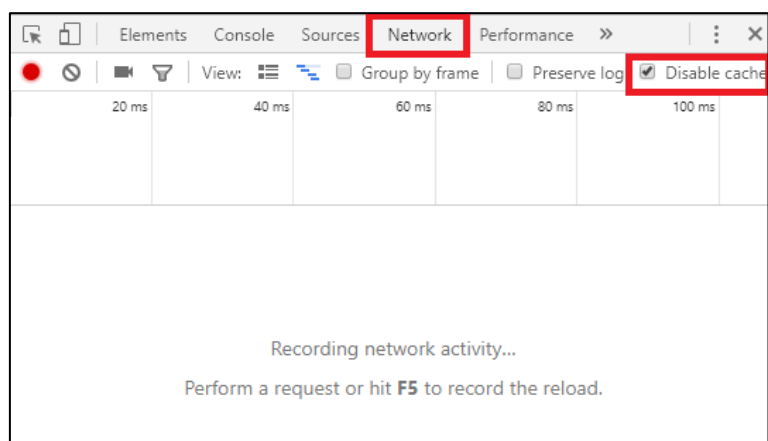
In case of problems with visualization, please try to refresh SeaPerformer site without cached files. Depending on user system:

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

If this doesn't help, try the solutions below:
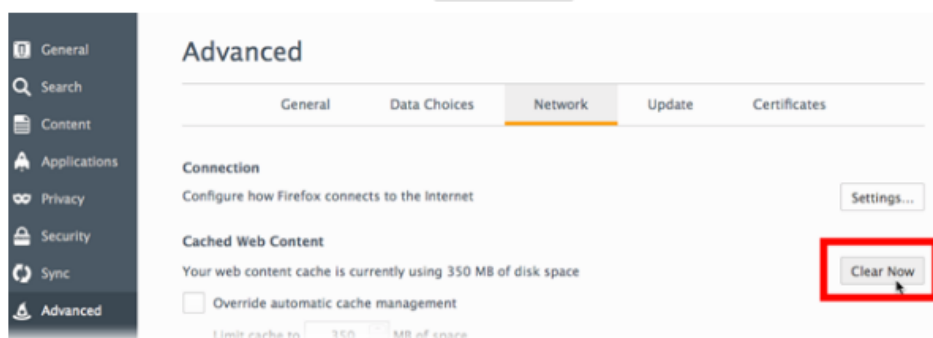
Chrome browser
- Click F12 to open developer console;
- Go to Network Tab;
- Make sure that the Disable Cache checkbox is checked;
- Refresh the site with developer console opened.

Firefox browser