New Summary of HiFleet Features and Services

1. HiFleet Noon Report SaaS (Performance Tracking)

HiFleet's Intelligent SaaS enables efficient and accurate collection of vessel's daily data, for ship operation analysis to quickly build a comprehensive Vessel Data Foundation. Based on the Noon Report Management, we offer features like intelligent verification of vessel dynamic reports, weather routing and route optimization, ship carbon emissions and CII tracking, operational efficiency monitoring, and hull fouling monitoring services.

The use of this service can bring the following benefits to shipping companies:

· Unified noon report and energy efficiency report filling, reducing the workload of the captain;

· Automatically check the ship's noon report and energy efficiency report data, and automatically notify the Master and operation team and energy efficiency report for modification once problems are found, which improves the accuracy of the ship's noon report and energy efficiency report, and the vessel's energy efficiency data can be directly submitted to classification societies such as CCS/BV, reducing the workload of Marine maintenance;

· Build a performance model for the ship by using the data of the ship's noon report and energy efficiency report, which can automatically analyze whether the ship's navigation performance is degraded, such as bottom fouling;

· Combined with the official Marine weather forecast data, to achieve good weather/bad weather speed and fuel analysis, and defend against the leasing company;

· Utilize ship performance model to optimize shipping routes, save energy and reduce emissions, and improve carbon intensity performance.

2. New "Weather Routing" and "Route optimization" services

"Weather Routing" , the whole process to guide the captain of the route planning and optimization, to help charterers/shipowners to achieve fuel and time saving voyage; Respond to the captain's needs at any time, provide onboard weather forecast during the voyage, and ultimately provide a complete weather navigation report in accordance with the good weather clause of the charter.

Under the *Future* tab for any vessel, plan or import a route, then click *Better Route* to obtain a weather optimised route, show the comparison.
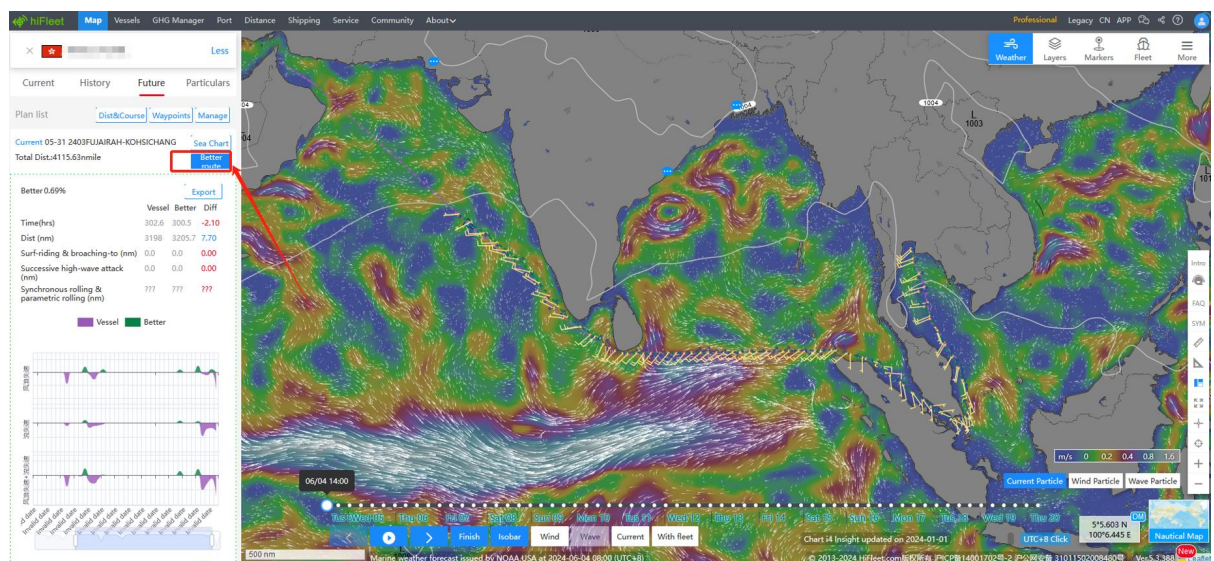
3. HiFleet Ship Inspection Services

HiFleet manages a wide network of experienced ship surveyors around the world, to provide customers with excellent ship inspection services. HiFleet is able to arrange flexible and efficient inspection services at most major ports around the world. Our selected surveyors are all highly qualified and certified after robust training programs, to ensure that our services remain compliant, safe and professional.

We select and appoint surveyors based on very strict requirements, and most of the successful candidates are experienced captains, chief engineers, ship builders and former ship surveyors for classification societies and flag states. Depending on the nature and location of the orders received, we will recommend one or more candidates and provide quotation for customers' consideration. Please reach out to any of our staff member for further enquire.

To access this function, select the intended vessel on HiFleet portal, then under the *Current* tab, click *Survey* to be redirected to the dedicated page.
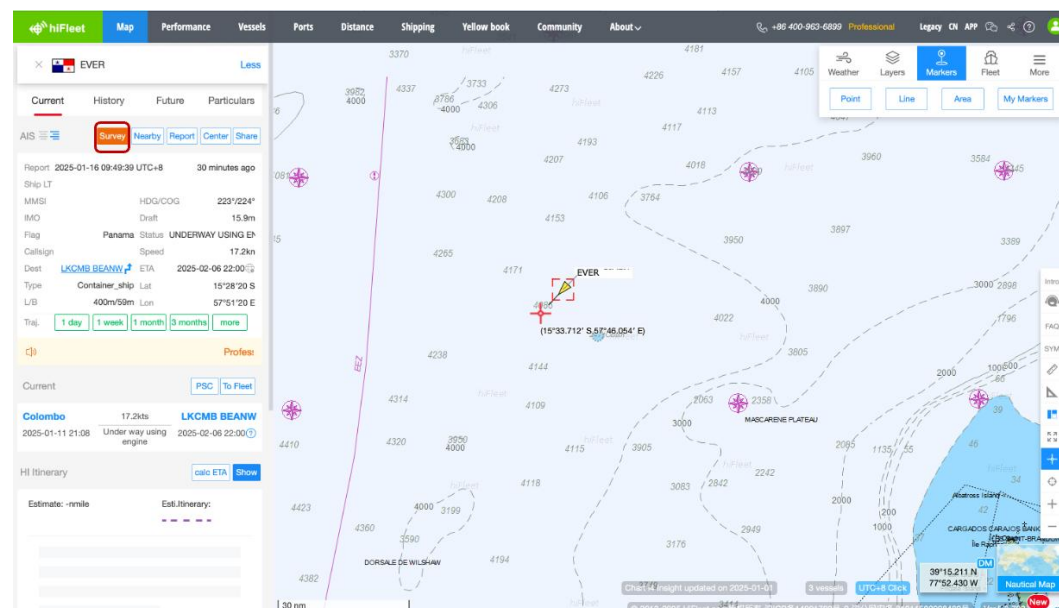
hiFleet

4. **Attack reports and circumnavigation dynamic queries under Red Sea crisis**

Between the end of 2023 and 2024, the Red Sea is becoming increasingly tense, with a huge impact on global shipping. HiFleet urgently developed and launched the "UKMTO Warnings" attack report and the "Red Sea Circumnavigation" dynamic monitoring page in January.

How to access: Click on the top-right corner *Layers → Information → UKMTO Warnings*.
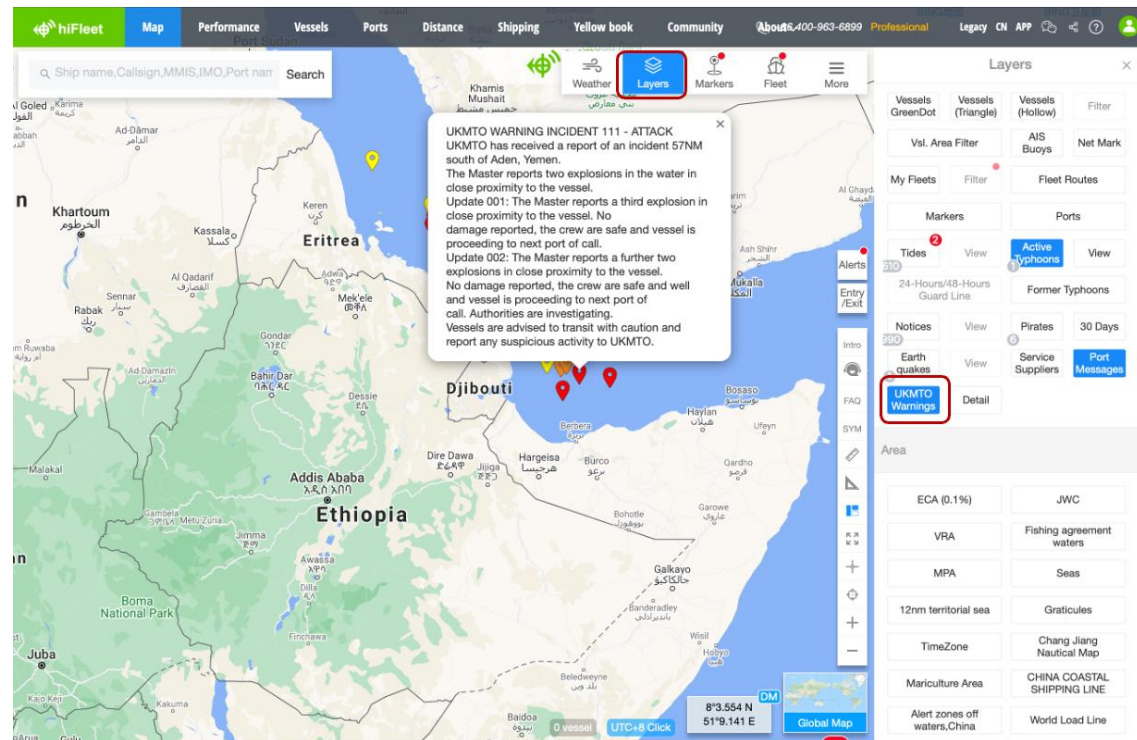

HiFleet has launched the "Deviation at Red Sea" monitoring page, which allows real-time tracking of both deviating and regular vessels in the Red Sea. The page includes the following features:

- Daily statistics of passing vessels: Suez Canal, Mandeb Strait, Cape of Good Hope
- Daily monitoring of container ships bypassing: Westward routes, Eastward routes.
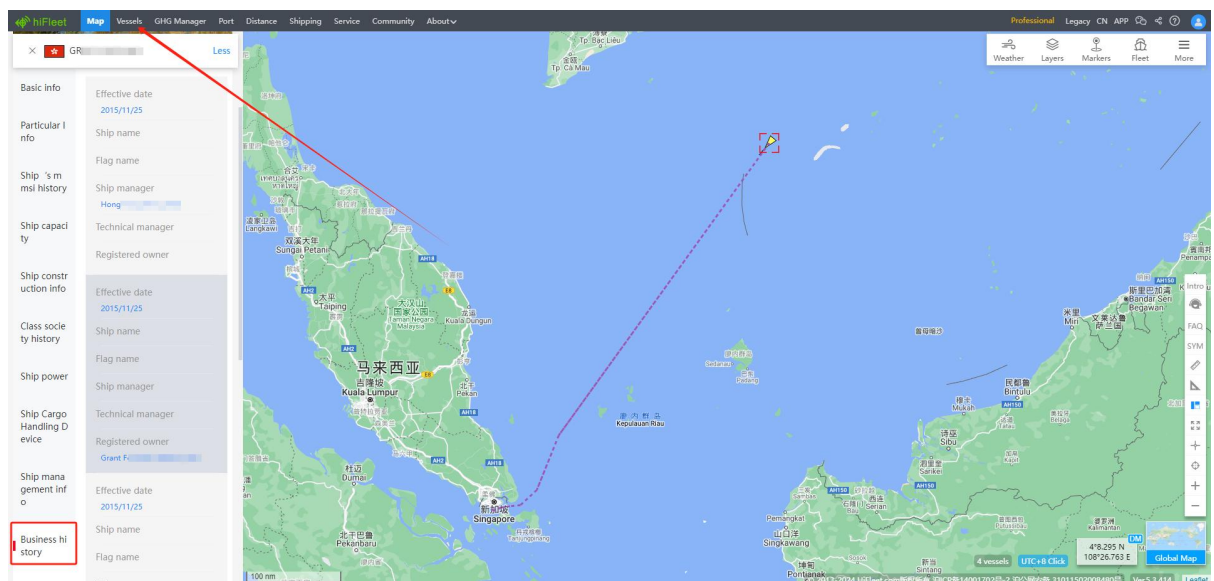
How to access:

Shipping Tab: Log on to HiFleet portal, on the top menu bar click *Shipping → Deviation at Red Sea* tab; OR
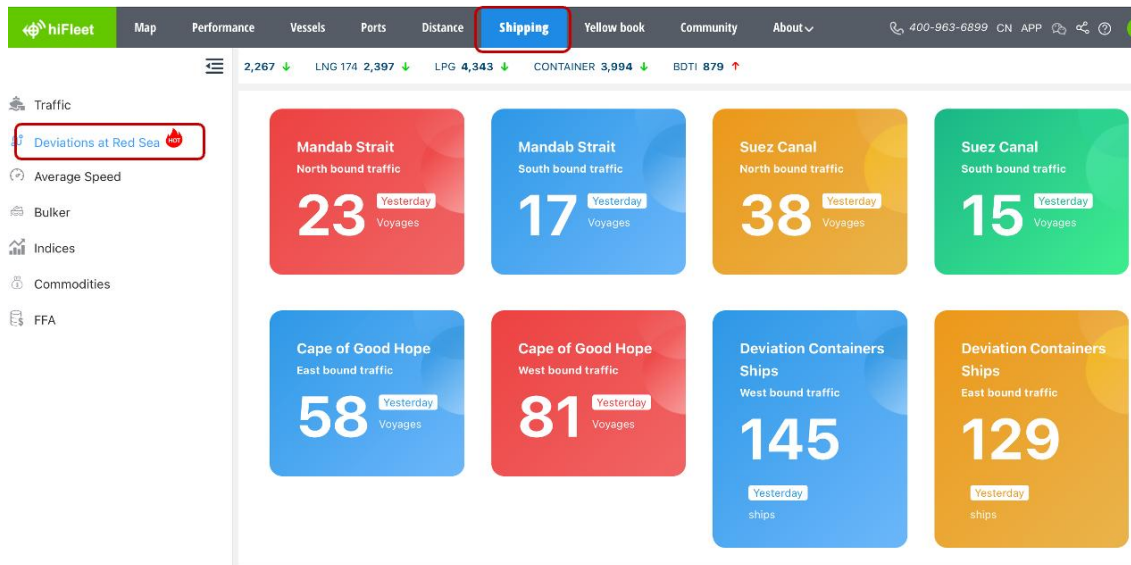
5. "Business History" and ship sanctions information query to ship particulars

Under the **Particulars** tab for any vessel, we have added **Business History**. Alternatively users can also find the same information under the **Vessel** tab on the top menu bar.

Click "Vessels" in the navigation bar to enter the ship file details page, select the ship that needs to view the file information, drag to the bottom to see the sanctions information of the ship, and you can check whether the ship owner, operating company, management company, technology company, and ship of the company have been sanctioned by the US government to avoid business risks.

6. More notifications navigational risks under Fleet

Under *Fleet Setting*, there are new notifications available to monitor fleet vessels sailing in and out of:

- Emission Control Areas (ECAs)
- Joint War Committee (JWC) Listed Areas
- Marine Protected Areas (MPA)
- Maricultural areas
- Speed loss and grounding

7. Logo customization

HiFleet platform allows users to display any logo. By uploading the logo in the *User Center* and enabling the display option, the logo will appear on the landing page i.e. *Map*.
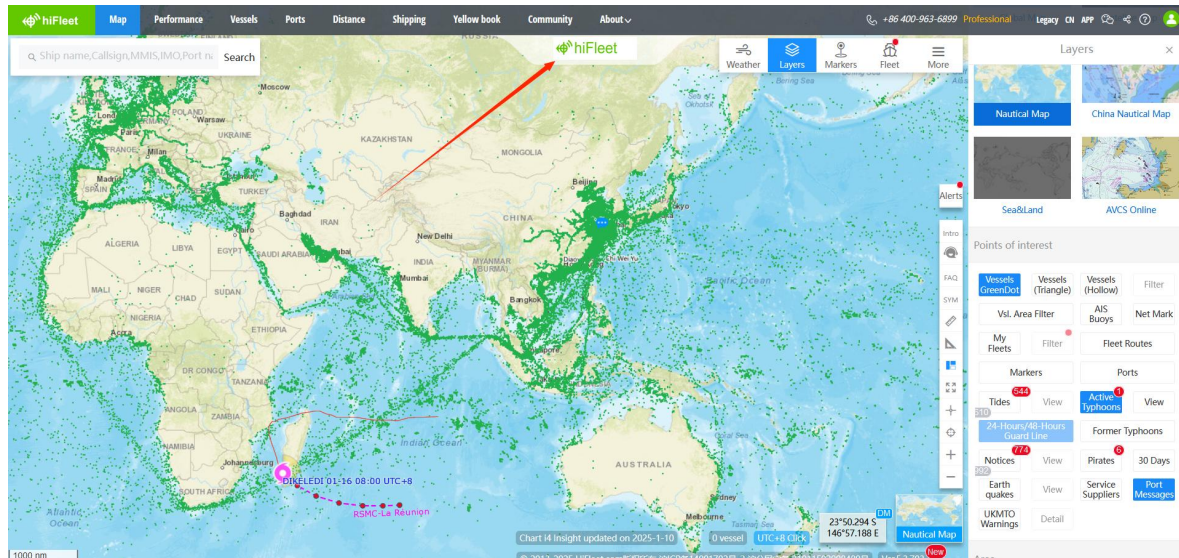
8. Area Replay

This function provides historical vessel tracking in an area designated by users. On the top right corner, click *More Area Replay* to be redirected to a dedicated page. Users can either select any existing marker area, or draw a polygon (by following the on screen instructions) to cover the area of interest. There are several settings available for customization:

- Target date and time duration

- Playback speed, and finer adjustments along the animation playback timeline

- Display base map and layers including traffic flows.
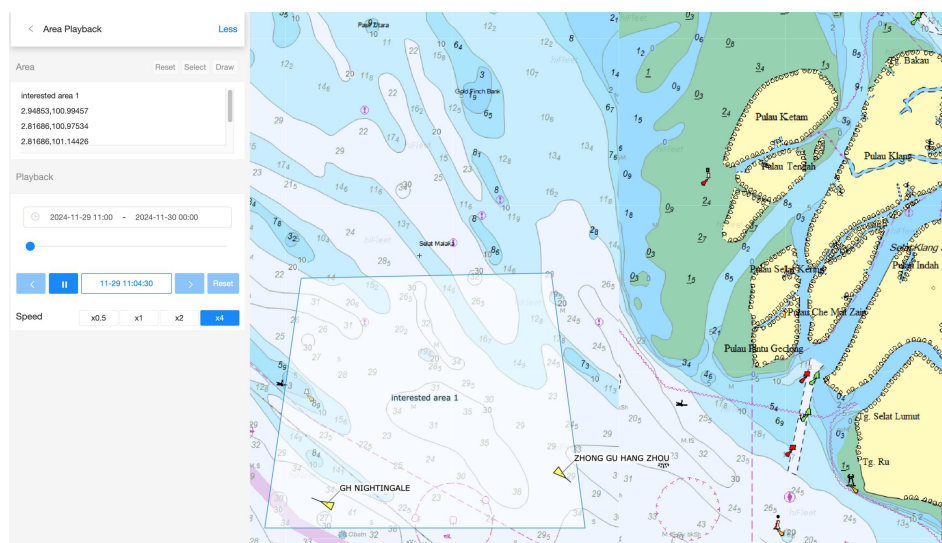
9. Port State Control (PSC) inspections statistics

Users are able to set any target port and time duration to retrieve a list of past PSC inspections. How to access: On the top right corner click ***More***, then under ***Premium*** click ***Port PSC Statistics***.
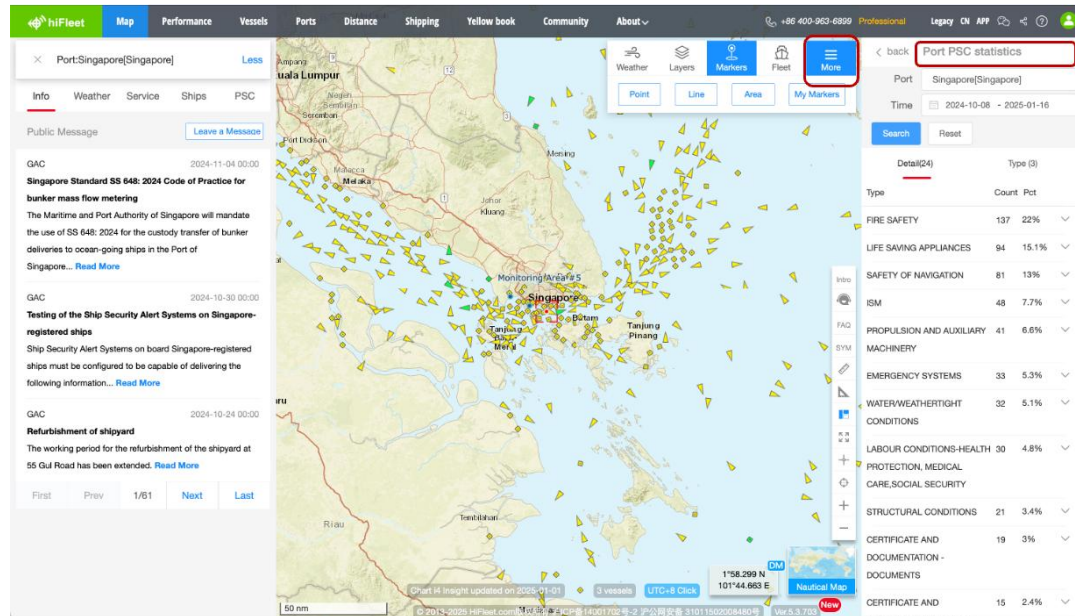

10. Added meteorological data download for ship history track

On the history track query page, you can click on the weather data showing the historical track. This year, a download button has been added for users to download and save the weather data of the track route and analyze the status of the vessel at that time.
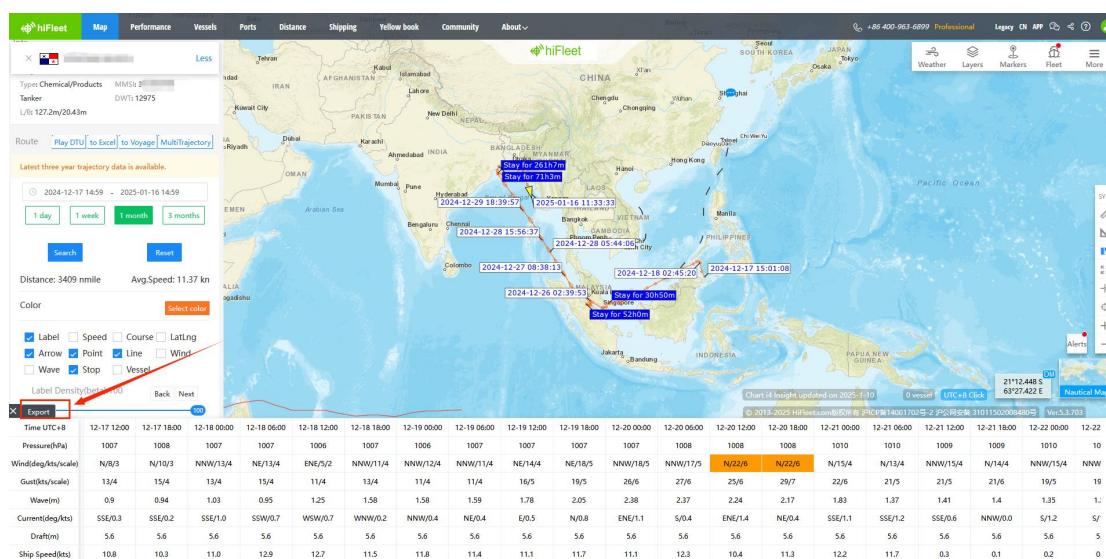
11. New weather forecast data source: ECWMF

To complement the existing weather forecast data from the US NOAA (National Oceanic and Atmospheric Administration), HiFleet recently also added data sources from ECWMF (European Centre for Medium-Range Weather Forecasts). In the past, the voyage weather forecast reports sent to the vessels may have missing data on waves and currents occasionally, but this problem has now been resolved with the use of ECWMF data.
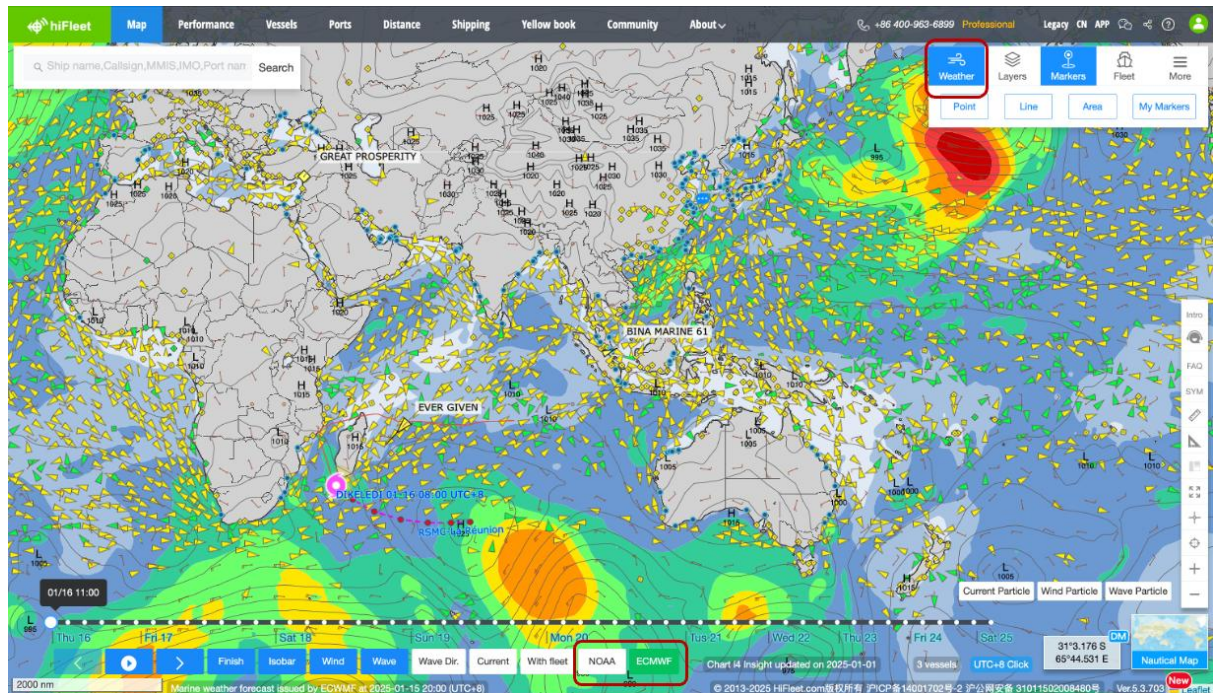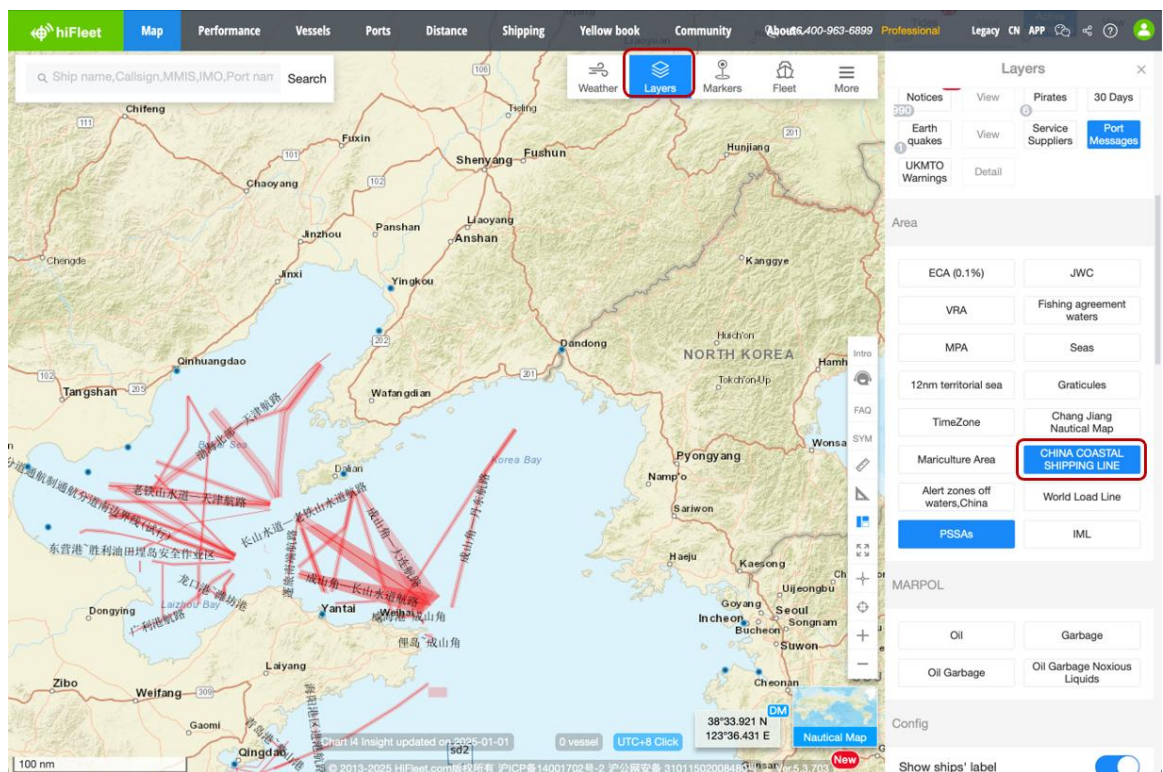

12. Area is displayed in - Layers

Display areas such as "IML" and "PSSAs" have been added.
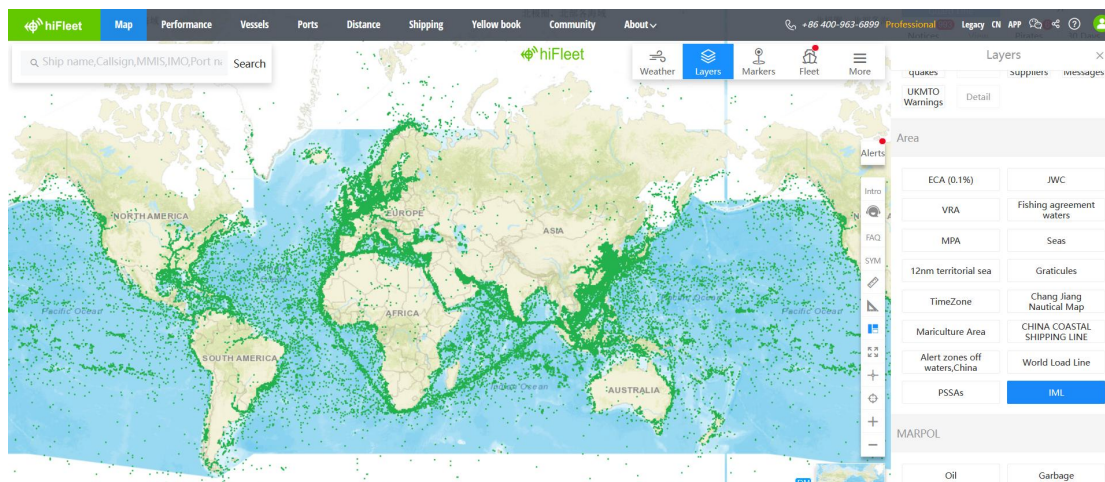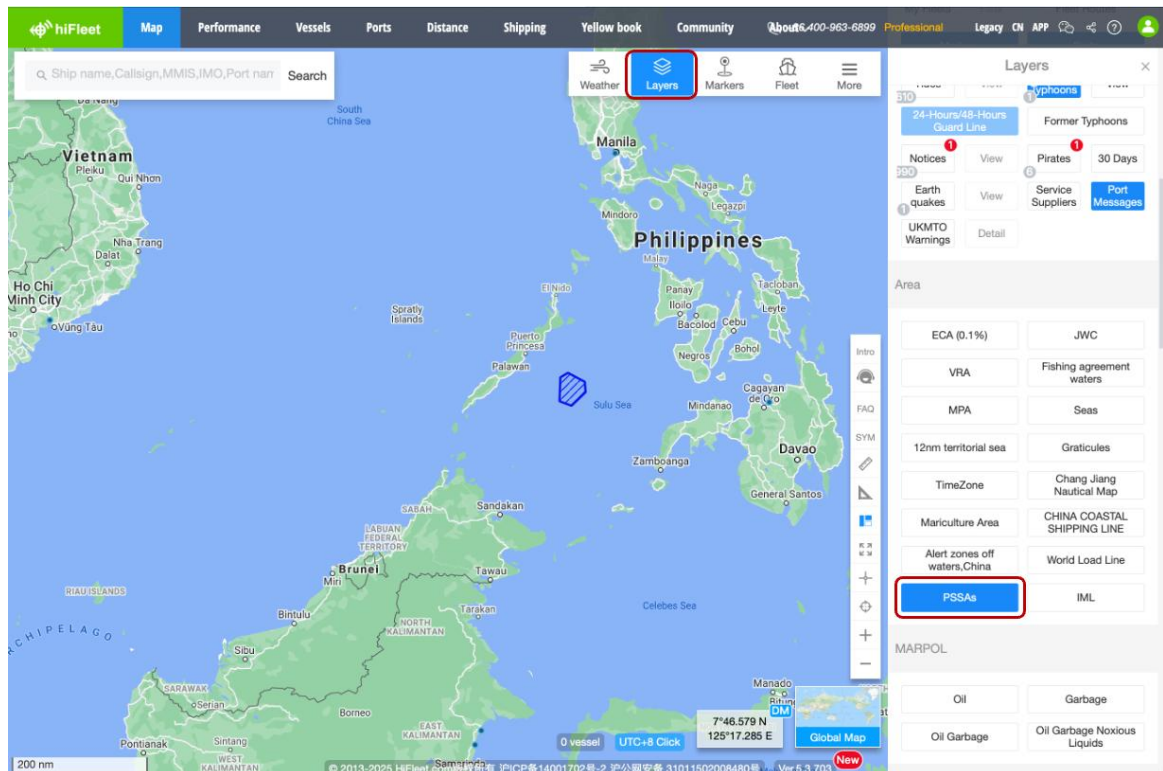
China coastal shipping routes: addition of Public Shipping Routes in Bohai Sea, and its eastward waters.

13. Crosshair cursor in the Side Tool Bar

From the Side Tool Bar, users can click and use the new crosshair which will appear and stay at the centre of the page, with the display of coordinates. Users can drag the maps to retrieve the coordinates of any points of interest.