



## PRESS RELEASE

# VERIFAVIA LAUNCHES INDUSTRY'S FIRST REAL-TIME CARBON INTENSITY INDICATOR DASHBOARD

*New digital platform calculates carbon emissions in real-time to support planning and reporting*

**SINGAPORE, PARIS, CHANDIGARH 22<sup>nd</sup> November 2021:** Verifavia Shipping has launched the world's first real-time Carbon Intensity Indicator (CII) Dashboard to determine the operational efficiency and CII rating of ships over 5,000GT. The flexible digital platform ensures simple and accurate recording of vessel ratings as well as ongoing guidance for vessel efficiency to meet emission regulations.

Verifavia's CII Dashboard is the industry's first online platform which provides shipowners, operators, charterers and other users with access to a vessel's current and predictive CII rating. One of the main features of the dashboard is a calculator which can forecast a vessel's CII rating for a single voyage, time period or reporting period. As the emission reduction rates for each year increase compared to 2019 levels, the calculator provides a roadmap for shipowners to understand when vessels, and specific voyages will comply with CII regulation, and to anticipate any changes required to meet compliance. The CII dashboard requires very little internet bandwidth and offers a clear, efficient and accurate management system for emissions data.

The Carbon Intensity Indicator (CII) is a new measure based on an operational approach that supports the International Maritime Organization's (IMO) objective of reducing the carbon intensity of international shipping by 40% by 2030, compared to 2008 levels. The CII rating scheme will apply to all cargo and cruise ships of 5000GT and above, which equates to all the ships which are already subject to the requirements of the IMO Data Collection System.

To comply with regulation, the actual annual operational CII achieved (attained annual operational CII) must be documented and verified against the required annual operational CII. This will determine the operational carbon intensity rating on a scale - A, B, C, D or E - indicating the performance level. The performance level will be recorded in the ship's Ship Energy Efficiency Management Plan (SEEMP).

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A ship that is rated D for three consecutive years or E for one year should come up with a corrective action plan showing how the required index of C or above will be achieved. As charterers,

administrations and port authorities are being encouraged to provide incentives to ships rated as A or B, maximising vessel efficiency will provide competitive advantage for the long term.

**Julien Dufour, CEO, Verifavia Shipping, commented:** “Launching shipping’s first real-time CII Dashboard ensures the industry has access to a simple, reliable, digital solution to meeting the latest emissions regulation. Using transparent data, the dashboard can predict the emissions of specific voyages, helping shipowners to plan ahead and simulate future situations, and understand where vessels do not comply and what can be done to meet compliance. It makes reporting clear and simple, as well as providing transparent data for charterers.

“As the CII rating will be based on verified reports of IMO’s Fuel Oil Data Collection System, experience in the verification of carbon emissions the additional requirement of CII seamlessly falls into Verifavia’s verification process for IMO DCS. The deadline for compliance is January 2023, which will be here before we know it. We believe our new dashboard is a cost-effective means of allowing shipowners and operators to plan and prepare ahead of time, anticipating the need for any operational or vessel design changes in advance, and making vessels more attractive to charterers.”

Verifavia Shipping is the world’s first and only accredited verifier for EU MRV and IMO DCS by seven flag states including Liberia & Panama. Verifavia also already works with over 200 companies and over 2,000 ships under EU MRV /IMO DCS contract.

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#### **Notes to editors**

#### **About Verifavia Shipping:**

Verifavia Shipping strives to be the maritime industry’s first choice for the provision of emissions verification and hazardous materials preparation and maintenance services. With offices in Paris, Singapore and Chandigarh, Verifavia also has trusted partners based in Panama, the US, Canada, Australia, China, Greece, Turkey, Hong Kong, Germany, etc., to provide an accurate and expert service worldwide.

By combining its innovative approach and streamlined procedures with the technical expertise and industry knowledge of its team, Verifavia Shipping provides a smooth, flexible and competitive service, enabling customers to navigate compliance effectively and efficiently.

Verifavia Shipping was the first company to provide EU Monitoring Reporting and Verification (MRV) services and the first independent verifier to provide International Maritime Organisation’s (IMO) Data Collection System (DCS) verification for a number of flag states.

For more information about Verifavia Shipping, visit <http://www.verifavia-shipping.com>.  
For up-to-date information and news, follow <http://twitter.com/VerifaviaMarine>.

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