

PRESS RELEASE

VERIFAVIA SHIPPING HIGHLIGHTS WIDESPREAD CONFUSION OVER EEXI TECHNICAL PARAMETERS

EEXI calculations rely on accurate information to enable a reliable assessment

LONDON, PARIS, CHANDIGARH, SINGAPORE – 28th July 2021: Verifavia, the leading independent emissions verification company for the transport sector (aviation and shipping), insists that accurate calculation of the International Maritime Organization's (IMO) new Energy Efficiency Existing Ship Index (EEXI) relies on inputting the correct data. Following a series of webinars designed to demystify EEXI, the company highlighted a common theme: the industry is unclear about the technical parameters required to meet compliance.

As agreed at MEPC 76, the EEXI must be calculated for ships of 400 gt and above, in accordance with the different values set for ship types and size categories. The first stage requires shipping companies to collect and submit technical documents required for preparation of the EEXI technical file. To initiate the process, documents such as the capacity plan, sea and shop trial report (for main and auxiliary engines), NOx technical file, certificate of registry, IAPP supplement certificate, EEDI technical file and IECC must be examined. If suitable data cannot be obtained from these documents, various techniques may be used to bridge the gap such as statistical (conservative) estimates, Computational Fluid Dynamics (CFD) simulations or, if necessary, sea trials.

By inputting correct and accurate data into a formula, the attained EEXI is calculated and compared with the required EEXI. Any ship that does not comply must make the necessary modifications to improve energy efficiency or face market barriers. From January 2023, there will be a mandatory certification survey undertaken by the relevant class society, which will then provide an updated International Energy Efficiency Certificate (IEEC). Without this, the vessel will not be EEXI compliant and eventually can lose its licence to operate.

With the long-term financial implications and negotiation process with charterers front of mind, some forward-thinking shipping companies are starting the process now. Understanding which vessels will comply and which will need an Engine Power Limitation plan or design changes at a later stage ensures that any modifications can be made at a time that suits the vessel's schedule. However, making an accurate calculation and reliable recommendations for any necessary technical adjustments relies upon assessing the correct information at the outset.

Julien Dufour, CEO, Verifavia Shipping, commented:

"At the first annual or special survey after January 2023, a ship's efficiency will be compared against the EEXI benchmark set by the IMO. If the vessel makes the grade, the owner will receive an International Energy Efficiency Certificate. If it fails, there are two options: make modifications to improve efficiency or risk an operating ban. If the technical files submitted to class are incorrect, the vessel risks losing its licence to operate.

"It is essential to understand any gaps in meeting the requirements, plus the potential solutions needed to bridge any gap, sooner rather than later. Several ship owners, operators and managers are working with Verifavia to assess the scale of the challenge they are facing. They recognise that if vessels do not meet the requirements, an Engine Power Limitation plan can be created and actioned, or energy efficiency technology installed against a timeline that they can control."



Verifavia Shipping is an EEXI expert and will continue to run free webinars which explain the process and requirements for both EEXI and CII regulations. Adding to its EU MRV, IMO DCS, and IHM services, Verifavia remains committed to independently supporting the industry through complex environmental regulations to enable efficient compliance.

For more information on the process required to prepare for 2023, please visit <https://www.verifavia-shipping.com/shipping-carbon-emissions-verification/shipping-mrv-regulation-eexi-211.php>

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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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