

# PREPARING FOR ENERGY EFFICIENCY EXISTING SHIP INDEX (EEXI)

Providing Tailored Advice for Every Step in Your Journey

## REGULATORY UPDATE

In June of 2021, the IMO Marine Environmental Protection Committee (MEPC) held its 76th meeting. During this meeting the committee adopted resolution MEPC.328(76) containing amendments to MARPOL Annex VI concerning mandatory goal-based technical and operational measures to reduce the carbon intensity of international shipping.

One of these measures includes the Energy Efficiency Existing Ship Index (EEXI), which will be applied retroactively to vessels above 400 GT falling under MARPOL Annex VI through a one-time certification. These amendments will enter into force on November 1, 2022.



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## WHAT IS REQUIRED OF OWNERS?

Beginning January 1, 2023 an EEXI technical file will need to be in place for vessels that are satisfying the

required EEXI. The EEXI technical file includes the EEXI calculation with supporting documentation and must be submitted to a class society prior to the International Energy Efficiency (IEE) survey taking

place. Issuance of the IEE certificate takes place upon the verification of the EEXI during the next scheduled annual, intermediate or renewal survey in the year 2023.



## HOW CAN ABS ASSIST?

At ABS we understand that each vessel is unique, therefore we tailor our approach specifically to your vessel's characteristics, all while keeping your overall sustainability goals in mind.

We begin by working with you to understand your overall sustainability goals and how EEXI will play a role in achieving those goals. From there we guide you throughout our simple three-step approach, allowing for seamless compliance.

## THREE STEP APPROACH

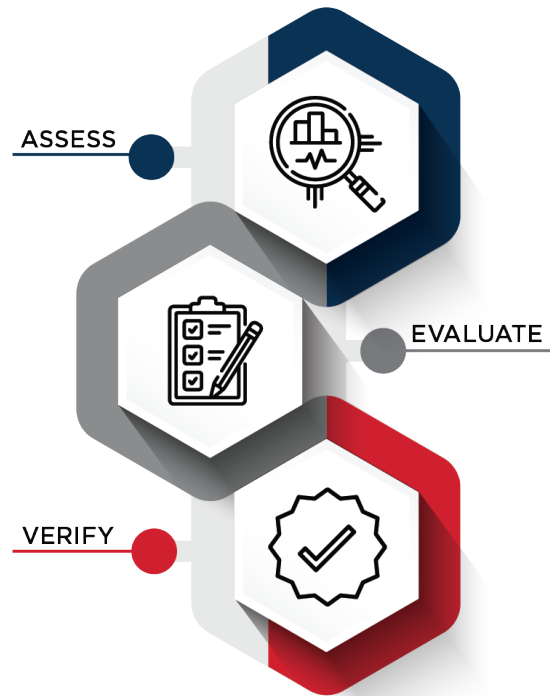
### Global Sustainability Centers Support

#### 1. Assess Current EEXI

ABS can determine a vessel's current EEXI based on the IMO's guidelines. Understanding where your vessel's attained EEXI is compared to the reference line and the required EEXI, can help you determine the roadmap and timeline for improvements. Once you know where your vessel stands, you are better prepared to make decisions.

#### 2. Evaluate Improvement Options

If your EEXI requires improvement, we work with you to discuss the options available based on operational data and commercial needs. During this step we consider Energy Efficiency Technologies (EET) and/or Engine Power Limitation (EPL), enabling you to choose the solution best suited for your vessel. Depending on the solution implemented, there may be additional steps required that we can walk you through. Prior to step 3, we recommend re-calculating your EEXI if an improvement option has been implemented in order to confirm the expected EEXI has been achieved.



### Global Engineering Support

#### 3. Verify EEXI

Once improvements have been implemented, we will assist in compiling the EEXI technical file for submission. Upon receipt and approval of the EEXI technical file, we will align your IEE survey with your next scheduled annual, intermediate or renewal survey. Following a successful onboard survey, an IEE certificate will be issued.

## SUSTAINABILITY CENTERS

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Connect with us today by emailing us at [sustainability@eagle.org](mailto:sustainability@eagle.org).



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