

CII

The carbon intensity indicator (CII) is a measure of how efficient a ship transports goods or passengers and is given in grams of CO₂ emitted per cargo carrying capacity and nautical mile. The ship is given an annual rating ranging from A to E, whereby the rating thresholds will become increasingly stringent towards 2030. The CII applies to all cargo, RoPax, and cruise ships above 5,000 GT.

The yearly CII is calculated based on reported IMO DCS data and the ship is given a rating from A to E. For ships that achieve a D rating for three consecutive years or an E rating in a single year, a corrective plan needs to be developed as part of the SEEMP and approved.

What is the difference between CII and EEXI

The Energy Efficiency Ship Index (EEXI) is a one-time certification equivalent to EEDI (Energy Efficiency Design Index) phase 2 or 3 concerning design parameters of the vessel. The CII is an operational indicator and will be assessed yearly from 2023 with yearly stricter emission limits. The EEXI and CII is applicable to the same ship types. The difference is that CII rating will apply to ships above 5,000 GT regardless of propulsion type.