



SHIP SAFETY BULLETIN

Bulletin No.: 05/2024
RDIMS No.: 20036193
Date: 2024-01-23
Y - M - D

We issue Ship Safety Bulletins for the marine community. Visit our website at www.tc.gc.ca/ssb-bsn to view existing bulletins and to sign up to receive e-mail notices of new ones.



Subject: Reporting requirements for the Canadian Carbon Intensity Indicator

Scope

This bulletin applies to Canadian vessels that are:

- 5,000 gross tonnage and above; and
- operating in Canadian waters including within the Great Lakes and St Lawrence River; or
- operating in Canadian waters including within the Great Lakes and St Lawrence River and that travel to ports of the United States provided the vessel voyages to these ports comprise 50% or less of annual trips.

This includes:

- bulk carriers
- self-unloading bulk carriers
- tankers
- ro-ro passenger
- general cargo
- ro-ro cargo
- container

This bulletin does not apply to vessels designated as **Category A** under the Polar Code or to government vessels.

The vessels outlined in “Scope” above are not subject to application of the International Maritime Organization's (IMO) Energy Efficiency Existing Ship Index (EEXI).

Purpose

This bulletin explains new reporting requirements for reducing Greenhouse Gas (GHG) emissions from the Canadian fleet that operate on voyages laid out in the Scope.

These requirements will be included in the updated [Vessel Pollution and Dangerous Chemicals Regulations](#).

Keywords:

1. Ship Energy Efficiency Management Plan
2. Carbon Intensity Indicator
3. Ship Fuel Oil Consumption Data
4. MARPOL Annex VI

Questions concerning this Bulletin should be addressed to:

AMSKG
Transport Canada
Marine Safety and Security
Tower C, Place de Ville
330 Sparks Street, 10th Floor
Ottawa, Ontario K1A 0N8

Contact us at: marinesafety-securitemaritime@tc.gc.ca or 1-855-859-3123 (Toll Free).



What you need to know

In June 2021, the International Maritime Organization (IMO) adopted measures to reduce GHG emissions from international shipping including the Carbon Intensity Indicator (CII) a measure of how efficiently a vessel transports goods or passengers. Through several studies, Transport Canada and the maritime industry found that most of the Canadian fleet could not meet these requirements due to the Canadian vessels' unique design and operational traits.

The unique design and operational traits of Canadian vessels' also limit their ability to meet the requirements of the IMO's Energy Efficiency Existing Ship Index (EEXI). Therefore, the vessels outlined in "Scope" above are not subject to application of the EEXI.

The Government of Canada has developed national GHG reduction targets. To address GHGs from the domestic fleet, Transport Canada has decided that the best approach is to apply the IMO measures as much as possible, while factoring-in the unique technical and operational traits of the Canadian fleet.

Requirements for Authorized Representatives

The Canadian Carbon Intensity Indicator (CCII) data collection requirements begin **January 1, 2024**. The Authorized Representative (AR) of the vessel should update the Ship Energy Efficiency Management Plan (SEEMP) of each applicable vessel and submit to Transport Canada by **March 31, 2024**.

Fuel oil consumption data for each vessel should be submitted by March 31st of each calendar year to calculate the annual attained CCII.

How to Verify and Submit Data

The AR is to ensure that the SEEMP of each applicable vessel is updated and that a Confirmation of Compliance has been received from one of Transport Canada Recognized Organization (RO).

The RO will document and verify the vessel's annual attained CCII against the required annual operational CCII to determine the vessel's operational carbon intensity rating (A, B, C, D or E).

Corrective Action Plan

If a vessel receives a D rating for three consecutive years, or rated E at any time, the AR of the Company will need to develop a corrective action plan to achieve the required annual operational CCII.

The corrective action plan should be added to a revised Ship Energy Efficiency Management Plan and verified by the recognized organization within one month of reporting the attained annual operational Canadian Carbon Intensity Indicator.

The RO will issue a Statement of Compliance no later than May 31 and forward a copy to Transport Canada.