



TECHNICAL CIRCULAR No. 558 of 04th June 2019

To: All Surveyors/Auditors

Applicable to flag: All Flags

Strengthen Energy Efficiency Design Index

Reference: IMO MEPC 74

IMO Moves to Strengthen Energy Efficiency Design Index

At the IMO Marine Environment Protection Committee (MEPC 74) meeting last week, amendments were agreed to significantly strengthen Energy Efficiency Design Index (EEDI) "phase 3" requirements.

The amendments, expected to be adopted at the next session in April 2020, bring forward the entry into effect date of phase 3 to 2022, from 2025, for several ship types, including gas carriers, general cargo ships and LNG carriers. This means that new ships built from that date must be significantly more energy efficient than the baseline.

For container ships, the EEDI reduction rate is enhanced as follows:

- For a container ship of 200,000dwt and above, the EEDI reduction rate is set at 50 percent from 2022
- For a container ship of 120,000dwt and above but less than 200,000dwt, 45 percent from 2022
- For a container ship of 80,000dwt and above but less than 120,000dwt, 40 percent from 2022
- For a container ship of 40,000dwt and above but less than 80,000dwt, 35 percent from 2022
- For a container ship of 15,000dwt and above but less than 40,000dwt, 30 percent from 2022

The MEPC also agreed terms of reference for a correspondence group to investigate the introduction of a possible "phase 4" of EEDI requirements.

*Customer Service Center
5201 Blue Lagoon Drive, 9TH. Floor,
Miami, Fl., 33126
Tel: 1 (305) 716 4116,
Fax: 1 (305) 716 4117,
E-Mail:*

joel@conarinagroup.com

*Technical Head Office
7111 Dekadine Ct.
Spring, Tx., 77379
Tel: 1 (832) 451 0185,
1 (713) 204 6380*

E-Mail: vbozenovici@vcmaritime.com

GHG Study

The terms of reference for the Fourth IMO GHG Study were agreed, and an invitation to tender will be issued shortly. It is intended that the work could begin in Autumn 2019, with a view to the final report of the Study being submitted to MEPC 76, to be held in Autumn 2020. The previous, Third IMO GHG Study, was published in 2014.

IMO-Norway GreenVoyage-2050 project

The IMO-Norway GreenVoyage-2050 project was launched on May 13 to respond to the need to provide technical assistance to states and to support technology transfer and promote green technology uptake to improve energy efficiency and reduce GHG emissions throughout the maritime sector.

Cooperation with ports to reduce emissions from shipping

MEPC adopted resolution MEPC.323(74) to encourage voluntary cooperation between the port and shipping sectors to contribute to reducing GHG emissions from ships. This could include regulatory, technical, operational and economic actions, such as the provision of: onshore power supply (preferably from renewable sources); safe and efficient bunkering of alternative low-carbon and zero-carbon fuels; incentives promoting sustainable low-carbon and zero-carbon shipping and support for the optimization of port calls including facilitation of just-in-time arrival of ships.

REFERENCES:

- MEPC 74

- ATTACHMENTS: No

kindest Regards,
Val Bozenovici
Naval Architect – Conarina Technical Director

*Customer Service Center
5201 Blue Lagoon Drive, 9TH. Floor,
Miami, Fl., 33126
Tel: 1 (305) 716 4116,
Fax: 1 (305) 716 4117,
E-Mail:*

joel@conarinagroup.com

*Technical Head Office
7111 Dekadine Ct.
Spring, Tx., 77379
Tel: 1 (832) 451 0185,
1 (713) 204 6380*

E-Mail: vbozenovici@vcmaritime.com