

MARINE ENVIRONMENT PROTECTION
COMMITTEE
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Agenda item 7

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REDUCTION OF GHG EMISSIONS FROM SHIPS

Overview of the Correspondence Group on the Development of Technical Guidelines on Carbon Intensity Reduction

Submitted by China, Japan and the European Commission

SUMMARY

Executive summary: This document provides the overview of the Correspondence Group on the Development of Technical Guidelines on Carbon Intensity Reduction established at MEPC 75. The summary of discussions and actions requested of the Committee are included in the report of the Correspondence Group focusing on each item under the terms of reference (documents MEPC 76/7/4, MEPC 76/7/5 and MEPC 76/7/6).

Strategic direction, if applicable: 3

Output: 3.2

Action to be taken: Paragraph 11

Related documents: MEPC 75/18; MEPC 76/7/4, MEPC 76/7/5, MEPC 76/7/6, MEPC 76/INF.7, MEPC 76/INF.8, MEPC 76/INF.9 and MEPC 76/INF.10

Introduction

1 The seventy-fifth session of the Committee (MEPC 75) approved the draft amendments to MARPOL Annex VI concerning mandatory goal-based technical and operational measures to reduce carbon intensity of international shipping.

2 The Committee further noted that the seventh meeting of the Intersessional Working Group on Reduction of GHG Emissions from Ships (ISWG-GHG 7) had agreed on the urgency of finalizing the draft guidelines and that, in order to provide clarity on mandatory requirements and the recommendatory nature of the guidelines, it had agreed on the need to develop in the future a mandatory carbon intensity code.

3 Following the discussion on consideration of draft guidelines related to the approved mandatory goal-based technical and operational measures, the Committee established a Correspondence Group on the Development of Technical Guidelines on Carbon Intensity Reduction, under the joint coordination of China, Japan and the European Commission with the terms of reference as specified in paragraph 5 of this document (TOR 1 to TOR 5).

4 This document provides the overview of the Correspondence Group work. Given the voluminous nature of the outcomes of the Correspondence Group in each TOR item, the summary of discussions, actions requested of the Committee and comments by the members are included in the following documents, as listed below:

- .1 MEPC 76/7/4: Report of TOR 1 (EEXI);
- .2 MEPC 76/7/5: Report of TOR 2 (CII);
- .3 MEPC 76/7/6: Report of TOR 3 (SEEMP) and TOR 4 (others);
- .4 MEPC 76/INF.7: Summary of comments by the member on TOR 1 (EEXI);
- .5 MEPC 76/INF.8: Summary of comments by the member on TOR 2 (CII);
- .6 MEPC 76/INF.9: Summary of comments by the member on TOR 3 (SEEMP) and TOR 4 (others); and
- .7 MEPC 76/INF.10: Technical report on CII guidelines development.

Terms of reference

5 The Correspondence Group was instructed to:

- .1 further consider and develop the draft technical guidelines supporting the EEXI framework as set out in annexes to document ISWG-GHG 7/2/7:
 - .1 draft guidelines on the method of calculation of the attained EEXI;
 - .2 draft guidelines on survey and certification of the attained EEXI; and
 - .3 draft guidelines on the Shaft/Engine Power Limitation System to comply with the EEXI requirements and use of a power reserve;
- .2 consider and develop technical guidelines supporting the CII framework for voluntary application first until 1 January 2026, using documents ISWG-GHG 7/2/21, ISWG-GHG 7/2/27 and ISWG-GHG 7/2/30 as a basis, and taking into account available data, as follows:
 - .1 draft guidelines on operational carbon intensity indicators and the calculation methods (CII guidelines);
 - .2 draft guidelines on the reference lines for use with operational carbon intensity indicators (CII Reference line guidelines);
 - .3 draft guidelines on the operational carbon intensity reduction factors relative to reference lines (CII Reduction factor guidelines); and
 - .4 draft guidelines on the operational carbon intensity rating of ships (CII Rating Guidelines);

- .3 consider and update the *2016 Guidelines for the development of a Ship Energy Efficiency Management Plan* (SEEMP) (resolution MEPC.282(70)), including to incorporate the development of a plan of corrective actions and verification requirements of SEEMP;
- .4 consider the need to update existing guidelines, procedures or guidance, including:
 - .1 *2017 Guidelines for administration verification of ship fuel oil consumption data* (resolution MEPC.292(71)), as appropriate;
 - .2 *2017 Guidelines for the development and management of the IMO Ship Fuel Oil Consumption Database* (resolution MEPC.293(71));
 - .3 *Procedure on Submission of data to the IMO data collection system of fuel oil consumption of ships from a State not Party to MARPOL Annex VI* (MEPC.1/Circ.871);
 - .4 *Procedures for port State control, 2019* (resolution A.1138(31)); and
 - .5 *2013 Guidance on treatment of innovative energy efficiency technologies for calculation and verification of the attained EEDI* (MEPC.1/Circ.815); and
- .5 submit a written report to MEPC 76, to be first considered by ISWG-GHG 8.

Participants

- 6 The Correspondence Group had participants from the following Member States:

AUSTRALIA	MALTA
BAHAMAS	MARSHALL ISLANDS
BELGIUM	NETHERLANDS
BRAZIL	NIGERIA
CANADA	NORWAY
CHILE	POLAND
CHINA	REPUBLIC OF KOREA
CYPRUS	RUSSIAN FEDERATION
DENMARK	SINGAPORE
FINLAND	SPAIN
FRANCE	SWEDEN
GERMANY	SWITZERLAND
GREECE	UNITED ARAB EMIRATES
INDIA	UNITED KINGDOM
ITALY	UNITED STATES
JAPAN	
LIBERIA	

the following Associate Member of IMO:

HONG KONG, CHINA

the following intergovernmental organization:

EUROPEAN COMMISSION (EC)

and the following non-governmental organizations in consultative status:

ACTIVE SHIPBUILDING EXPERTS' FEDERATION (ASEF)
 BIMCO
 CRUISE LINES INTERNATIONAL ASSOCIATION (CLIA)
 CLEAN SHIPPING COALITION (CSC)
 THE EUROPEAN ASSOCIATION OF INTERNAL COMBUSTION ENGINE
 MANUFACTURERS (EUROMOT)
 INTERNATIONAL ASSOCIATION OF CLASSIFICATION SOCIETIES (IACS)
 INTERNATIONAL CHAMBER OF SHIPPING (ICS)
 INTERNATIONAL FEDERATION OF SHIPMASTERS' ASSOCIATIONS (IFSMA)
 THE INSTITUTE OF MARINE ENGINEERING, SCIENCE AND TECHNOLOGY
 (IMarEST)
 INTERNATIONAL MARINE CONTRACTORS ASSOCIATION (IMCA)
 INTERNATIONAL ASSOCIATION OF DRY CARGO SHIPOWNERS
 (INTERCARGO)
 INTERFERRY
 INTERNATIONAL ASSOCIATION OF INDEPENDENT TANKER OWNERS
 (INTERTANKO)
 IPIECA LIMITED (IPIECA)
 INTERNATIONAL PARCEL TANKERS ASSOCIATION (IPTA)
 THE NAUTICAL INSTITUTE (NI)
 OIL COMPANIES INTERNATIONAL MARINE FORUM (OCIMF)
 PACIFIC ENVIRONMENT
 THE ROYAL INSTITUTION OF NAVAL ARCHITECTS (RINA)
 SOCIETY OF INTERNATIONAL GAS TANKER AND TERMINAL OPERATORS LTD.
 (SIGTTO)
 WORLD SHIPPING COUNCIL (WSC)

Schedule and progress of the Correspondence Group

7 The Correspondence Group (the Group, hereafter) carried out its discussion in the schedule shown in table 1.

Table 1: Schedule and progress of the Correspondence Group

Round 1	From 7 to 21 December 2020
Round 2	From 11 to 20 January 2021
Round 3	From 1 to 10 February 2021
Round 4	From 22 February to 1 March 2021
Submission to MEPC 76	10 March 2021

Method of work

8 In the beginning of each round, the coordinators circulated base documents as well as questionnaires, taking into account the TOR of the Group, and invited the members to provide comments and proposals. The circulation of documents was largely done through the online platform IMOSPACE.

9 In addition to the communication by correspondence through the submission of documents during each round of discussion, the coordinators hold an online Q&A session during Round 3 of the Group (on Friday, 5 February 2021) in order to allow the members to have a better understanding on the intention and content of the documents circulated to the Group. The Q&A session was held for information purposes only to facilitate the coordinators to respond to the questions raised by the members of the Correspondence Group on the ongoing work.

10 Following the aforementioned rounds of discussion as well as the Q&A session, the Group developed the set of draft technical guidelines on carbon intensity reduction. The summary of discussions, actions requested of the Committee and comments by the members are included in the documents listed in paragraph 4 of this document.

Action requested of the Committee

11 The Committee is invited to note the information provided in this document and consider the reports of the Group as provided in documents MEPC 76/7/4, MEPC 76/7/5 and MEPC 76/7/6 which are all co-sponsored by the coordinators of the Group (China, Japan and the European Commission).
