

**ANNEX 9**

**RESOLUTION MEPC.403(83)**  
**(adopted on 11 April 2025)**

**AMENDMENTS TO THE 2022 GUIDELINES ON SURVEY AND CERTIFICATION  
OF THE ENERGY EFFICIENCY DESIGN INDEX (EEDI)**

THE MARINE ENVIRONMENT PROTECTION COMMITTEE

RECALLING Article 38(a) of the Convention on the International Maritime Organization concerning the functions of the Marine Environment Protection Committee conferred upon it by international conventions for the prevention and control of marine pollution from ships,

NOTING that regulation 5 (Surveys) of MARPOL Annex VI, as amended, requires that ships to which chapter 4 applies shall also be subject to survey and certification taking into account guidelines developed by the Organization,

RECALLING that, at its seventy-ninth session, it adopted, by resolution MEPC.365(79), the *2022 Guidelines on survey and certification of the Energy Efficiency Design Index (EEDI)*,

RECALLING ALSO that, at its eightieth session, it adopted, by resolution MEPC.374(80), amendments to the *2022 Guidelines on survey and certification of the Energy Efficiency Design Index (EEDI)*,

HAVING CONSIDERED, at its eighty-third session, draft amendments to the *2022 Guidelines on survey and certification of the Energy Efficiency Design Index (EEDI)*, as amended,

- 1 ADOPTS the amendments to the *2022 Guidelines on survey and certification of the Energy Efficiency Design Index (EEDI)*, as set out in the annex to the present resolution;
- 2 REQUESTS the Parties to MARPOL Annex VI and other Member Governments to bring the amendments to the attention of shipowners, ship operators, shipbuilders, ship designers and any other interested groups;
- 3 AGREES to keep these Guidelines, as amended, under review, in light of the experience gained with their application.

ANNEX

**AMENDMENTS TO THE 2022 GUIDELINES ON SURVEY AND CERTIFICATION OF THE ENERGY EFFICIENCY DESIGN INDEX (EEDI) (RESOLUTION MEPC.365(79), AS AMENDED BY RESOLUTION MEPC.374(80))**

1 Paragraph 4.3.5 is replaced by the following:

"4.3.5 Sea conditions should be measured in accordance with ITTC Recommended Procedure 7.5-04-01-01.1 *Preparation, Conduct and Analysis of Speed/Power Trials* 2024 or ISO 15016:2025."

2 Paragraph 4.3.6 is replaced by the following:

"4.3.6 Ship speed should be measured in accordance with ITTC Recommended Procedure 7.5-04-01-01.1 *Preparation, Conduct and Analysis of Speed/Power Trials* 2024 or ISO 15016:2025,\* and at more than two points of which range includes the power of the main engine as specified in paragraph 2.2.5 of the EEDI Calculation Guidelines."

3 Paragraph 4.3.8 is replaced by the following:

"4.3.8 The submitter should develop power curves based on the measured ship speed and the measured output of the main engine at sea trial. For the development of the power curves, the submitter should calibrate the measured ship speed, if necessary, by taking into account the effects of wind, current, waves, shallow water, displacement, water temperature and water density in accordance with ITTC Recommended Procedure 7.5-04-01-01.1 *Preparation, Conduct and Analysis of Speed/Power Trials* 2024 or ISO 15016:2025.\* Upon agreement with the shipowner, the submitter should submit a report on the speed trials including details of the power curve development to the verifier for verification."

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\* Until 1 May 2026, ISO 15016:2015 may also be used.