

Assignment 1

Pre-Training Assignment Multiple Choice Questions

Use IMO MEPC Resolution 203(62) and answer the questions

- Please tick only one box for each question.
- All the questions must be answered.

1 – MARPOL Annex VI Regulations deal with:

- Air pollution Ballast water Water pollution Oil pollution

2 – Chapter 4 of MARPOL Annex VI deals with Regulations on:

- NOx SOx Energy Efficiency Fuel quality

3 – Chapter 4 of MARPOL Annex VI was adopted on:

- 17 August 2009 1st March 2012 1st January 2010 15 July 2011

4 – Regulation 22 of MARPOL Annex VI deals with:

- Attained EEDI EEOI SEEMP Required EEDI

5 – Attained EEDI means:

- The actual EEDI of a ship as calculated according to IMO Guidelines and verified by Flag Administration or a Recognised Organisation on its behalf.
- The reference EEDI value for a specific ship.
- The regulatory limit for EEDI of a vessel as calculated from the Reference Line and Reduction Factor
- None of the above

6 – Required EEDI means:

- The actual EEDI of a ship as calculated according to IMO Guidelines.
- The reference EEDI value for a specific ship.
- The regulatory limit for EEDI of a vessel as calculated from the Reference Line and Reduction Factor
- None of the above

7 – The unit of EEDI in relevant Regulations is:

- gGHG emissions/tonne.nm (nm stands for nautical mile; tonne refers to tonne DWT)
- gCO₂/tonne
- gCO₂/tonne.nm
- Tonne CO₂/voyage

8 – The Reference Value of EEDI for a VLCC of 300,000 DWT is:

- 10.12
- 6.62
- 2.59
- 1.95

9 – The Required EEDI Value for a new building VLCC of 300,000 DWT with a contract date of 30th January 2015 will be:

- 4.46
- 8.92
- 2.11
- 2.33

10 – The Required EEDI Value for a new building VLCC of 300,000 DWT with a contract date of 30th January 2025 will be:

- 7.21
- 5.18
- 1.81
- 0.52

11 – The following ships were excluded from EEDI Regulations at the time of adoption of Resolution 203(62):

- Tankers.
- RoRo ships.
- Passenger ships.
- Ships with diesel electric and turbine propulsion.

12 – The IEEC refers to:

- International Air Pollution Prevention (IAPP) Certificate
- International Engine Air Pollution Prevention (IEAPP) Certificate
- International Energy Efficiency Certificate
- International Environmental and Energy Certificate

13 – The EEDI Reduction Factor for a Refrigerated Cargo Carrier of 10,000 DWT with a building contract date of 16 July 2020 is:

- 10%
- 20%
- 30%
- 15%

14 – For “Existing Ships” compliance with requirements of Chapter 4 of MARPOL Annex VI means:

- Verification that a SEEMP is on board the ship.
- Have a verified Attained EEDI.
- Have an EEDI that is below the Required EEDI.
- Certified to relevant ISO standards.

15 – For “Existing Ships” compliance with requirements of Chapter 4 of MARPOL Annex VI will be checked at by verification on:

- 1st January 2013.
- 1st January 2015
- At first intermediate or renewal survey, whichever is first, on or after 1 January 2013.
- None of the above.

16 – A Recognised Organisation is:

- Organisations that are part of Flag State establishment.
- Organisations recognised by Classification Societies.
- Organisations recognised by Flag State Administration to perform Survey and Certification on their behalf.
- Organisations who do the port state control.

17 – A “Record of Construction Relating to Energy Efficiency”:

- Is a checklist that must be completed and permanently attached to IEE Certificate.
- Must be completed by shipyards before the delivery of the vessel.
- Must always show the Attained and Required EEDI of the vessel.
- None of the above.

18 – On promotion of technical co-operation and transfer of technology relating to energy efficiency of ships:

- There is a Regulation on the above subject that encourages the active cooperation of Flag Administrations with other Parties on the subject.
- There is no regulation on the subject.
- There is scope only for cooperation between developing and developed countries.
- None of the above.

19 – A ship with an IAPP (International Air Pollution Prevention) Certificate:

- Does not need an IEE Certificate.
- The IAPP and IEE Certificates both are needed when applicable and existence of one does not eliminate the need for the other one.
- Both IAPP and IEE certificates should be issued by the same Recognised Organisation.
- None of the above.

20 – MARPOL Annex VI applies:

- Only to ships that fly the flag of a State that is Party to MARPOL Annex VI.
- Only to ships that visit ports of a State that is Party to MARPOL Annex VI.
- To ships with both of the above.
- All ships irrespective of flag or port state control requirements.

21 – The “waiver clause” in Chapter 4 of MARPOL Annex VI stipulates that:

- An Administration could delay the Chapter 4 implementation for 4 years.
- Ships can be made exempt from Chapter 4 for a number of years.
- An Administration may delay imposing the requirements of MARPOL Annex VI Regulations 20 and 21 on a ship by a maximum of 4 years from the date that Chapter 4 comes into force.
- None of the above.