

# MARPOL Consolidated Edition 2017

## International Convention for the Prevention of Pollution from Ships

### Supplement September 2020

*The following amendments to MARPOL Consolidated Edition 2017, in chronological order of entry into force, were adopted by the Marine Environment Protection Committee (MEPC) at its seventy-fourth session.*

<b>Resolution</b>	<b>Amends</b>	<b>Date of entry into force</b>	<b>Page</b>
MEPC.314(74)	<b>Annex I</b> Chapter 1, Regulation 1 Chapter 3, Regulation 17 Chapter 4, Regulation 36 <b>Annex II</b> Chapter 1, Regulation 1 Chapter 5, Regulation 15 <b>Annex V</b> Chapter 1, Regulation 1 Chapter 1, Regulation 10	1 October 2020	2
MEPC.316(74)	<b>Annex VI</b> Chapter 1, Regulation 2 Chapter 3, Regulation 12 Chapter 3, Regulation 13 Chapter 3, Regulation 14 Chapter 4, Regulation 19	1 October 2020	4
MEPC.315(74)	<b>Annex II</b> Chapter 1, Regulation 1 Chapter 5, Regulation 13 Appendix IV Appendix VI	1 January 2021	6

# Resolution MEPC.314(74)

adopted on 17 May 2019

## MARPOL Annex I

Regulations for the prevention of pollution by oil

### Chapter 1 – General

#### Regulation 1

*Definitions*

1 *A new paragraph 39 is added as follows:*

“39 *Electronic Record Book* means a device or system, approved by the Administration, used to electronically record the required entries for discharges, transfers and other operations as required under this Annex in lieu of a hard copy record book.”

### Chapter 3 – Requirements for machinery spaces of all ships

*Part C – Control of operational discharge of oil*

#### Regulation 17

*Oil Record Book Part I – Machinery space operations*

2 *The second sentence of paragraph 1 is replaced by the following:*

“The Oil Record Book, whether as a part of the ship’s official logbook, as an electronic record book which shall be approved by the Administration taking into account the Guidelines\* developed by the Organization, or otherwise, shall be in the form specified in appendix III to this Annex.

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\* Refer to the *Guidelines for the use of electronic record books under MARPOL* (resolution MEPC.312(74)).”

3 *In the second sentence of paragraph 4, the words “or group of electronic entries” are inserted after the words “each completed page”.*

### Chapter 4 – Requirements for the cargo area of oil tankers

*Part C – Control of operational discharge of oil*

#### Regulation 36

*Oil Record Book Part II – Cargo/ballast operations*

4 *The second sentence of paragraph 1 is replaced by the following:*

“The Oil Record Book Part II, whether as a part of the ship’s official logbook, as an electronic record book which shall be approved by the Administration taking into account the Guidelines\* developed by the Organization, or otherwise, shall be in the Form specified in appendix III to this Annex.

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\* Refer to the *Guidelines for the use of electronic record books under MARPOL* (resolution MEPC.312(74)).”

5 *In the second sentence of paragraph 5, the words “or group of electronic entries” are inserted after the words “each completed page”.*

## MARPOL Annex II

### Regulations for the control of pollution of noxious liquid substances in bulk

#### Chapter 1 – General

##### Regulation 1

###### Definitions

6 A new paragraph 22 is added as follows:

“22 *Electronic Record Book* means a device or system, approved by the Administration, used to electronically record the required entries for discharges, transfers and other operations as required under this Annex in lieu of a hard copy record book.”

#### Chapter 5 – Operational discharges of residues of noxious liquid substances

##### Regulation 15

###### Cargo Record Book

7 The existing paragraph 1 is replaced by the following:

“Every ship to which this Annex applies shall be provided with a Cargo Record Book, whether as a part of the ship’s official logbook, as an electronic record book which shall be approved by the Administration taking into account Guidelines\* developed by the Organization, or otherwise, in the form specified in appendix II to this Annex.

\* Refer to the *Guidelines for the use of electronic record books under MARPOL* (resolution MEPC.312(74)).”

8 In the first sentence of paragraph 4, the words “or group of electronic entries” are inserted after the words “each page”.

## MARPOL Annex V

### Regulations for the prevention of pollution by garbage from ships

#### Chapter 1 – General

##### Regulation 1

###### Definitions

9 A new paragraph 19 is added as follows:

“19 *Electronic Record Book* means a device or system, approved by the Administration, used to electronically record the required entries for discharges, transfers and other operations as required under this Annex in lieu of a hard copy record book.”

##### Regulation 10

###### Placards, garbage management plans and garbage record-keeping

10 The second sentence of the chapeau of paragraph 3 is replaced by the following:

“The Garbage Record Book, whether as a part of the ship’s official logbook, or as an electronic record book which shall be approved by the Administration taking into account the Guidelines\* developed by the Organization, or otherwise, shall be in the form specified in appendix II to this Annex:

\* Refer to the *Guidelines for the use of electronic record books under MARPOL* (resolution MEPC.312(74)).”

11 In the second sentence of paragraph 3.1, the words “or group of electronic entries” are inserted after the words “each completed page”.

# Resolution MEPC.316(74)

adopted on 17 May 2019

## MARPOL Annex VI

Regulations for the prevention of air pollution from ships

### Chapter 1 – General

#### Regulation 2

##### Definitions

1 Paragraph 42 is replaced by the following:

“42 Polar Code means the International Code for Ships Operating in Polar Waters, consisting of an introduction, parts I-A and II-A and parts I-B and II-B, adopted by resolutions MSC.385(94) and MEPC.264(68), as may be amended, provided that:

- .1 amendments to the environment-related provisions of the introduction and chapter 1 of part II-A of the Polar Code are adopted, brought into force and take effect in accordance with the provisions of article 16 of the present Convention concerning the amendment procedures applicable to an appendix to an annex; and
- .2 amendments to part II-B of the Polar Code are adopted by the Marine Environment Protection Committee in accordance with its Rules of Procedure.”

2 A new paragraph 51 is added as follows:

“51 Electronic Record Book means a device or system, approved by the Administration, used to electronically record the required entries for discharges, transfers and other operations as required under this Annex in lieu of a hard copy record book.”

### Chapter 3 – Requirements for control of emissions from ships

#### Regulation 12

##### Ozone-depleting substances

3 In the second sentence of paragraph 6, the words “recording system” are replaced by “record book”.

4 A new sentence is inserted at the end of paragraph 6 as follows:

“An electronic recording system referred to in regulation 12.6, as adopted by resolution MEPC.176(58), shall be considered an electronic record book, provided the electronic recording system is approved by the Administration on or before the first International Air Pollution Prevention (IAPP) Certificate renewal survey carried out on or after 1 October 2020, but not later than 1 October 2025, taking into account the Guidelines\* developed by the Organization.

\* Refer to the *Guidelines for the use of electronic record books under MARPOL* (resolution MEPC.312(74)).”

#### Regulation 13

##### Nitrogen oxides (NO<sub>x</sub>)

##### Tier III

5 In paragraph 5.3, the words “or electronic record book”, “ are inserted after the words “shall be recorded in such logbook”.

\* Refer to the *Guidelines for the use of electronic record books under MARPOL*, adopted by resolution MEPC.312(74).”

## **Regulation 14**

*Sulphur oxides (SO<sub>x</sub>) and particulate matter*

### **Requirements within emission control areas**

6 *In the last sentence of paragraph 6, the words “or electronic record book\*,” are inserted after the words “shall be recorded in such logbook”.*

“<sup>\_\_\_\_\_</sup>  
\* Refer to the *Guidelines for the use of electronic record books under MARPOL* (resolution MEPC.312(74)).”

## **Chapter 4 – Regulations on energy efficiency for ships**

### **Regulation 19**

*Application*

7 *In the last sentence of paragraph 3, the words “cargo ships having ice-breaking capability” are replaced by the words “category A ships as defined in the Polar Code”.*

# Resolution MEPC.315(74)

adopted on 17 May 2019

## MARPOL Annex II

Regulations for the control of pollution by noxious liquid substances in bulk

### Chapter 1 – General

#### Regulation 1

##### Definitions

1 A new paragraph 23 is added as follows:

“23 Persistent floater means a slick forming substance with the following properties:

- Density:  $\leq$  sea water ( $1025 \text{ kg/m}^3$  at  $20^\circ\text{C}$ );
- Vapour pressure:  $\leq 0.3 \text{ kPa}$ ;
- Solubility:  $\leq 0.1\%$  (for liquids)  $\leq 10\%$  (for solids); and
- Kinematic viscosity:  $> 10 \text{ cSt}$  at  $20^\circ\text{C}$ .”

### Chapter 5 – Operational discharges of residues of noxious liquid substances

#### Regulation 13

##### Control of discharges of residues of noxious liquid substances

2 A new paragraph 7.1.4 is inserted after existing paragraph 7.1.3 as follows:

“.4 For substances assigned to category Y that are persistent floaters with a viscosity equal to or greater than  $50 \text{ mPa}\cdot\text{s}$  at  $20^\circ\text{C}$  and/or with a melting point equal to or greater than  $0^\circ\text{C}$ , as identified by ‘16.2.7’ in column ‘o’ of chapter 17 of the IBC Code, the following shall apply in the areas in paragraph 9:

- .4.1 a prewash procedure as specified in appendix VI to this annex shall be applied;
- .4.2 the residue/water mixture generated during the prewash shall be discharged to a reception facility at the port of unloading until the tank is empty; and
- .4.3 any water subsequently introduced into the tank may be discharged into the sea in accordance with the discharge standards in regulation 13.2.”

3 A new paragraph 9 is inserted after existing paragraph 8.2 as follows:

“9 Areas to which regulation 13.7.1.4 applies

9.1 The North West European waters include the North Sea and its approaches, the Irish Sea and its approaches, the Celtic Sea, the English Channel and its approaches and part of the North East Atlantic immediately to the west of Ireland. The area is bounded by lines joining the following points:

- 48°27' N on the French coast
- 48°27' N; 006°25' W
- 49°52' N; 007°44' W
- 50°30' N; 012° W
- 56°30' N; 012° W
- 62° N; 003° W
- 62° N on the Norwegian coast
- 57°44'.8 N on the Danish and Swedish coasts

9.2 The Baltic Sea area means the Baltic Sea proper with the Gulf of Bothnia, the Gulf of Finland and the entrance to the Baltic Sea bounded by the parallel of the Skaw in the Skagerrak at  $57^\circ44'.8 \text{ N}$ .

**9.3** The *Western European waters* is an area that covers the United Kingdom, Ireland, Belgium, France, Spain and Portugal, from the Shetland Islands in the North to Cape S. Vicente in the South, and the English Channel and its approaches. The area is bounded by lines joining the following points:

58°30' N on the UK coast  
 58°30' N; 000° W  
 62° N; 000° W  
 62° N; 003° W  
 56°30' N; 012° W  
 54°40'40".9 N; 015° W  
 50°56'45".3 N; 015° W  
 48°27' N; 006°25' W  
 48°27' N; 008° W  
 44°52' N; 003°10' W  
 44°52' N; 010° W  
 44°14' N; 011°34' W  
 42°55' N; 012°18' W  
 41°50' N; 011°34' W  
 37°00' N; 009°49' W  
 36°20' N; 009°00' W  
 36°20' N; 007°47' W  
 37°10' N; 007°25' W  
 51°22'25" N; 003°21'52".5 E  
 52°12' N on the UK east coast  
 52°10'.3 N; 006°21'.8 W  
 52°01'.52 N; 005°04'.18 W  
 54°51'.43 N; 005°08'.47 W  
 54°40'.39 N; 005°34'.34 W

**9.4** The *Norwegian Sea* is bounded by lines joining the following points:

69°47'.6904 N; 030°49'.059 E  
 69°58'.758 N; 031°6'.2598 E  
 70°8'.625 N; 031°35'.1354 E  
 70°16'.4826 N; 032°4'.3836 E  
 73°23'.0652 N; 036°28'.5732 E  
 73°35'.6586 N; 035°27'.3378 E  
 74°2'.9748 N; 033°17'.8596 E  
 74°20'.7084 N; 030°33'.5052 E  
 74°29'.7972 N; 026°28'.1808 E  
 74°24'.2448 N; 022°55'.0272 E  
 74°13'.7226 N; 020°15'.9762 E  
 73°35'.439 N; 016°36'.4974 E  
 73°14'.8254 N; 014°9'.4266 E  
 72°42'.54 N; 011°42'.1392 E  
 71°58'.2 N; 009°54'.96 E  
 71°37'.5612 N; 008°43'.8222 E  
 70°43'.161 N; 006°36'.0672 E  
 69°36'.624 N; 004°47'.322 E  
 68°58'.3164 N; 003°51'.2154 E  
 68°14'.9892 N; 003°17'.0322 E  
 67°25'.7982 N; 003°10'.2078 E  
 66°49'.7292 N; 003°25'.1304 E  
 66°25'.9344 N; 003°17'.1102 E  
 65°22'.7214 N; 001°24'.5928 E  
 64°25'.9692 N; 000°29'.3214 W  
 63°53'.2242 N; 000°29'.442 W  
 62°53'.4654 N; 000°38'.355 E  
 62° N; 001°22'.2498 E  
 62° N; 004°52'.3464 E"

## Appendix IV

### Standard format for the Procedures and Arrangements Manual

#### Section 4 – Procedures relating to the cleaning of cargo tanks, the discharge of residues, ballasting and deballasting

4 Paragraph 4.4.5 is replaced by the following:

“.5 Persistent floaters with a viscosity equal to or greater than 50 mPa·s at 20°C and/or a melting point equal to or greater than 0°C

This section should contain instructions on how to deal with tank washings of substances identified by the presence of ‘16.2.7’ in column ‘o’ of chapter 17 of the IBC Code and the latest version of the MEPC.2/Circular, when operating in the areas specified in regulation 13.9 of Annex II.”

#### Addendum A

#### Flow diagrams – Cleaning of cargo tanks and disposal of tank washings/ballast containing residues of category X, Y and Z substances

5 A new Note 4 is inserted after existing Note 3 as follows:

“Note 4: Within the areas specified in regulation 13.9 of Annex II, regulation 13.7.1.4 applies to substances that are identified by ‘16.2.7’ in column ‘o’ of chapter 17 of the IBC Code.”

## Appendix VI

### Prewash procedures

6 A new section C is added after existing paragraph 21 as follows:

“C For all ships

#### Prewash procedures for persistent floaters to which regulation 13.7.1.4 of Annex II of MARPOL applies

Persistent floaters with a viscosity equal to or greater than 50 mPa·s at 20°C and/or a melting point equal to or greater than 0°C, shall be treated as solidifying or high viscosity substances for the purposes of the prewash.

Where it is determined that the use of small amounts of cleaning additives would improve and maximize the removal of cargo residues during a prewash, then this should be done in consultation and with prior agreement from the reception facility.”