



ST. VINCENT AND THE GRENADINES

MARITIME ADMINISTRATION

CIRCULAR N° POL 019

AMENDMENTS TO ANNEX V OF MARPOL CONVENTION

TO: SHIPOWNERS, SHIPS' OPERATORS AND MANAGERS, MASTERS, SURVEYORS TO FLAG STATE ADMINISTRATION AND RECOGNIZED ORGANIZATIONS

APPLICABLE TO: ALL SHIPS SUBJECT TO MARPOL CONVENTION

EFFECTIVE AS FROM: 1st March 2018

6th July 2017

IMO MEPC 70th session the amendments to the Annex V of the MARPOL Convention related to products which are hazardous to the marine environment (*HME*) and Form of Garbage Record Book were adopted. These amendments were adopted by Resolution MEPC.277 (70) they will be effective as from **1st March 2018** and include the following:

New form of Garbage Record Book

Under MARPOL Annex V, every ship of 400 gross tonnage and above, and every ship certified to carry fifteen (15) or more persons engaged in international voyages is required to maintain a Garbage Record Book. The Garbage Record Book should be in the form specified in MARPOL Annex V.

The requirements to maintain and retain the Garbage Record Book on board the ship remain unchanged. These include:

- The general types of information to be recorded;
- The requirement for the officer in charge to record and sign-off each discharge into the sea, or to a reception facility;
- The requirement for the ship's master to sign off each completed page;
- The retention of receipts for using a waste reception facility in port with the record book; and
- The retention of the record book for two (2) years for inspection by authorities.

The Garbage Record Book should be divided into Part I and Part II.

Part I of the Garbage Record Book is required for **all** ships. Part II is required only for ships carrying solid bulk cargoes.

Part I

The following categories of garbage discharge should be recorded under Part I:

- A. Plastics
- B. Food wastes
- C. Domestic wastes
- D. Cooking oil
- E. Incinerator ashes F. Operational wastes
- G. Animal carcass(es)
- H. Fishing gear
- I. E-waste

For each entry, the date, time, category and signature sections remain unchanged. However, the details to be included for the specific discharge have been expanded.

The position of the ship at the time of discharge will need to include information such as the latitude and longitude for a discharge at sea, or the details of the location when discharging to a reception facility.

In addition, the details of the specific discharge record will need to be separated to clearly identify if the waste was: incinerated; discharged into the sea; or discharged to a reception facility or to another ship. The measurement to be used for the amount of waste discharged (i.e. m³) will also need to be identified.

There will also be a section for remarks on the incineration or discharge of the waste to align with the requirements of MARPOL Annex V (e.g. position of the ship and the start and stop times for incineration).

Part I of the Garbage Record Book will also have a separate section for recording exceptional discharges or loss of garbage, including those exceptional situations outlined in MARPOL Annex V.

Additional table has introduced in Part I of the form of Garbage Record Book to ensure the records on exceptional discharges or loss of garbage under Regulation 7 (*Exceptions*) are kept. If an exceptional discharge or accidental loss occurs, the entry into the Garbage Record Book should include:

- the date and time of occurrence;
- the port or position of the ship at the time of occurrence including latitude, longitude and water depth if known;
- the categories of garbage discharged or lost, and the estimated amount for each category in cubic metres; and
- the reason for discharge or loss, the details of the items discharged or lost, reasonable precautions taken to prevent or minimise such discharge or accidental loss.

If such a discharge occurs on any ship less than 400 gross tonnage, an entry should be made in the ship's official logbook with the above details.

Part II

Part II - for all cargo residues as defined in regulation 1.2 of MARPOL Annex V, will record discharges under regulations 4 (Discharge of garbage outside special areas) and 6 (Discharge of garbage within special areas).

The following categories of garbage discharge will need to be recorded under Part II:

- J. Cargo residues (non Harmful to the Marine Environment)
- K. Cargo residues (Harmful to the Marine Environment).

Information to be recorded in Part II includes:

- The date and time of the discharge;
- The position of the ship or name of the port if disposed ashore;
- The category of discharge;
- The estimated amount discharged into the sea, a reception facility or to another ship; and
- The start and stop positions of the ship for discharges into the sea.

Criteria for the classification of solid bulk cargoes as harmful to the marine environment

Amendments to Regulation 4 and 6 of the Annex V of the MARPOL (garbage discharge provisions) provide criteria for the classification of solid bulk cargoes as harmful to the marine environment. Please refer to the Appendix I to the Annex of this Circular.

Placards, garbage management plans and garbage record keeping

There should be alignment in the *placards, garbage management plans and garbage record keeping* with amended form of Garbage Record Book (MARPOL Annex V, Regulation 10).

E-waste

New category of waste "e-waste" is included in form of Garbage Record Book.

Definition for this category of waste is already laid down in *2012 Guidelines for the implementation of MARPOL Annex V* (resolution MEPC.219 (63), as amended by resolution MEPC.239 (65)).

E-Waste is defined as any electronic equipment, including its components, sub-assemblies and consumables, when disposed of as a waste.

The consequential changes to *the Standard format of the advance notification form for waste delivery to port reception facilities* related to new category of waste "e-waste" were prepared. Revised MEPC Circular (*Appendix 2 of MEPC.1/Circ.834 Consolidated Guidance for Port Reception Facility Providers and Users*) will be issued following the entry into force of the amendments to MARPOL Annex V.

Global Integrated Shipping Information System (GISIS)

Further to the above, the structure of the Global Integrated Shipping Information System (GISIS) Port Reception Facility module will be amended accordingly.

Annex to this circular:

MPC 70/18/Add1, Annex 2

ANNEX 2

**RESOLUTION MEPC.277(70)
(Adopted on 28 October 2016)**

**AMENDMENTS TO THE ANNEX OF THE INTERNATIONAL CONVENTION FOR THE
PREVENTION OF POLLUTION FROM SHIPS, 1973, AS MODIFIED BY THE
PROTOCOL OF 1978 RELATING THERETO**

Amendments to MARPOL Annex V

(HME substances and Form of Garbage Record Book)

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 article 16 of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto (MARPOL), which specifies the amendment procedure and confers upon the appropriate body of the Organization the function of considering and adopting amendments thereto,

HAVING CONSIDERED, at its seventieth session, proposed amendments to MARPOL Annex V concerning substances that are harmful to the marine environment (HME) and Form of Garbage Record Book,

1 ADOPTS, in accordance with article 16(2)(d) of MARPOL, amendments to MARPOL Annex V, the text of which is set out in the annex to the present resolution;

2 DETERMINES, in accordance with article 16(2)(f)(iii) of MARPOL, that the amendments shall be deemed to have been accepted on 1 September 2017 unless prior to that date, not less than one third of the Parties or Parties the combined merchant fleets of which constitute not less than 50% of the gross tonnage of the world's merchant fleet, have communicated to the Organization their objection to the amendments;

3 INVITES the Parties to note that, in accordance with article 16(2)(g)(ii) of MARPOL, the said amendments shall enter into force on 1 March 2018 upon their acceptance in accordance with paragraph 2 above;

4 REQUESTS the Secretary-General, for the purposes of article 16(2)(e) of MARPOL, to transmit certified copies of the present resolution and the text of the amendments contained in the annex to all Parties to MARPOL;

5 REQUESTS FURTHER the Secretary-General to transmit copies of the present resolution and its annex to Members of the Organization which are not Parties to MARPOL.

ANNEX

**AMENDMENTS TO MARPOL ANNEX V
(HME substances and Form of Garbage Record Book)**

ANNEX V

REGULATIONS FOR THE PREVENTION OF POLLUTION BY GARBAGE FROM SHIPS

Regulation 4

Discharge of garbage outside special areas

1 In the second sentence of paragraph 1.3, the words "taking into account guidelines developed by the Organization" are replaced with the words "in accordance with the criteria set out in appendix I of this Annex".

2 A new paragraph 3 is added as follows:

"3 Solid bulk cargoes as defined in regulation VI/1-1.2 of the International Convention for the Safety of Life at Sea (SOLAS), 1974 , as amended, other than grain, shall be classified in accordance with appendix I of this Annex, and declared by the shipper as to whether or not they are harmful to the marine environment*."

3 The existing paragraph 3 is renumbered as paragraph 4.

Regulation 6

Discharge of garbage within special areas

4 Paragraph 1.2.1 is replaced with the following:

".1 Cargo residues contained in hold washing water do not include any substances classified as harmful to the marine environment according to the criteria set out in appendix I of this Annex;"

5 A new paragraph 1.2.2 is added as follows:

".2 Solid bulk cargoes as defined in regulation VI/1-1.2 of the International Convention for the Safety of Life at Sea (SOLAS), 1974 , as amended, other than grain, shall be classified in accordance with appendix I of this Annex, and declared by the shipper as to whether or not they are harmful to the marine environment*;"

6 A new paragraph 1.2.3 is added as follows:

".3 Cleaning agents or additives contained in hold washing water do not include any substances classified as harmful to the marine environment taking into account guidelines developed by the Organization;"

* For ships engaged in international voyages, reference is made to section 4.2.3 of the International Maritime Solid Bulk Cargoes (IMSBC) Code; for ships not engaged in international voyages, other means of declaration may be used, as determined by the Administration.

7 The existing paragraphs 1.2.2 to 1.2.4 are renumbered as paragraphs 1.2.4 to 1.2.6. The renumbered paragraph 1.2.6 is amended to read as follows:

- "6 Where the conditions of subparagraphs .2.1 to .2.5 of this paragraph have been fulfilled, discharge of cargo hold washing water containing residues shall be made as far as practicable from the nearest land or the nearest ice shelf and not less than 12 nautical miles from the nearest land or the nearest ice shelf."

Regulation 10

Placards, garbage management plans and garbage record-keeping

8 In the chapeau of paragraph 3, the words "the appendix" is replaced with the words "appendix II".

9 Paragraph 3.2 is replaced with the following:

- ".2 The entry for each discharge into the sea under regulations 4, 5, 6 or section 5.2 of chapter 5 of part II-A of the Polar Code shall include date and time, position of the ship (latitude and longitude), category of the garbage and the estimated amount (in cubic metres) discharged. For discharge of cargo residues the discharge start and stop positions shall be recorded in addition to the foregoing;"

10 After the existing paragraph 3.2, new paragraphs 3.3 and 3.4 are inserted as follows:

- ".3 The entry for each completed incineration shall include date and time and position of the ship (latitude and longitude) at the start and stop of incineration, categories of garbage incinerated and the estimated amount incinerated for each category in cubic metres;
- ".4 The entry for each discharge to a port reception facility or another ship shall include date and time of discharge, port or facility or name of ship, categories of garbage discharged, and the estimated amount discharged for each category in cubic metres;"

11 The existing paragraph 3.3 is renumbered as 3.5 and between the words "Book" and "shall", the words "along with receipts obtained from reception facilities" are inserted.

12 The existing paragraph 3.4 is renumbered as 3.6 and is replaced with the following:

- ".6 In the event of any discharge or accidental loss referred to in regulation 7 of this Annex an entry shall be made in the Garbage Record Book, or in the case of any ship of less than 400 gross tonnage, an entry shall be made in the ship's official log-book of the date and time of occurrence, port or position of the ship at time of occurrence (latitude, longitude and water depth if known), the reason for the discharge or loss, details of the items discharged or lost, categories of garbage discharged or lost, estimated amount for each category in cubic metres, reasonable precautions taken to prevent or minimize such discharge or accidental loss and general remarks."

13 A new appendix I is added as follows and the existing appendix is renumbered as appendix II:

"Appendix I

Criteria for the classification of solid bulk cargoes as harmful to the marine environment

For the purpose of this Annex, cargo residues are considered to be harmful to the marine environment (HME) if they are residues of solid bulk cargoes which are classified according to the criteria of the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS) meeting the following parameters¹:

- .1 Acute Aquatic Toxicity Category 1; and/or
- .2 Chronic Aquatic Toxicity Category 1 or 2; and/or
- .3 Carcinogenicity² Category 1A or 1B combined with not being rapidly degradable and having high bioaccumulation; and/or
- .4 Mutagenicity² Category 1A or 1B combined with not being rapidly degradable and having high bioaccumulation; and/or
- .5 Reproductive Toxicity² Category 1A or 1B combined with not being rapidly degradable and having high bioaccumulation; and/or
- .6 Specific Target Organ Toxicity Repeated Exposure² Category 1 combined with not being rapidly degradable and having high bioaccumulation; and/or
- .7 Solid bulk cargoes containing or consisting of synthetic polymers, rubber, plastics, or plastic feedstock pellets (this includes materials that are shredded, milled, chopped or macerated or similar materials)."

Appendix II

Form of Garbage Record Book

14 Section 3 of the renumbered appendix II is replaced with the following:

"3 Description of the garbage

Garbage is to be grouped into categories for the purposes of recording in parts I and II of the Garbage Record Book (or ship's official log-book) as follows:

¹ The criteria are based on UN GHS. For specific products (e.g. metals and inorganic metal compounds) guidance available in UN GHS, annexes 9 and 10 is essential for proper interpretation of the criteria and classification and should be followed.

² Products that are classified for Carcinogenicity, Mutagenicity, Reproductive Toxicity or Specific Target Organ Toxicity Repeated Exposure for oral and dermal hazards or without specification of the exposure route in the hazard statement.

Part I

- A Plastics
- B Food wastes
- C Domestic wastes
- D Cooking oil
- E Incinerator ashes
- F Operational wastes
- G Animal carcasses
- H Fishing gear
- I E-waste

Part II

- J Cargo residues (non-HME)
- K Cargo residues (HME)"

15 The Record of Garbage Discharges in the renumbered appendix II is replaced with the following:

"RECORD OF GARBAGE DISCHARGES

PART I

For all garbage other than cargo residues as defined in regulation 1.2 (Definitions)

(All ships)

Ship's name	Distinctive number or letters	IMO number
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Garbage categories

A-Plastics	B-Food waste	C-Domestic wastes	D-Cooking oil	
E-Incinerator ashes	F-Operational wastes	G-Animal carcasses	H-Fishing gear	I-E-waste

Discharges under MARPOL Annex V regulations 4 (Discharge of garbage outside special areas), 5 (Special requirements for discharge of garbage from fixed or floating platforms) or 6 (Discharge of garbage within special areas) or chapter 5 of part II-A of the Polar Code

Date/ Time	Position of the ship (latitude/longitude) or port if discharged ashore or name of ship if discharged to another ship	Category	Estimated amount discharged		Estimated amount incinerated (m ³)	Remarks: (e.g. start/stop time and position of incineration; general remarks)	Certification/ Signature
			Into sea (m ³)	To reception facilities or to another ship (m ³)			
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Exceptional discharge or loss of garbage under regulation 7 (Exceptions)

Date/ Time	Port or position of the ship (latitude/ longitude and water depth if known)	Category	Estimated amount lost or discharged (m ³)	Remarks on the reason for the discharge or loss and general remarks (e.g. reasonable precautions taken to prevent or minimize such discharge or accidental loss and general remarks)	Certification/ Signature
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:					
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Master's signature: _____ Date: _____

PART II
For all cargo residues as defined in regulation 1.2 (Definitions)

(Ships that carry solid bulk cargoes)

Ship's name	Distinctive number or letters	IMO number
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Garbage categories

J- Cargo residues (non-HME)	K- Cargo residues (HME)
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Discharges under regulations 4 (Discharge of garbage outside special areas) and 6 (Discharge of garbage within special areas)

Date/ Time	Position of the ship (latitude/ longitude) or port if discharged ashore	Category	Estimated amount discharged		Start and stop positions of the ship for discharges into the sea	Certification/ Signature
			Into sea (m ³)	To reception facilities or to another ship (m ³)		

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Master's signature: _____ Date: _____ "
