



23. December, 2016

Maritime Safety/ Environment Protection

Circular No 22

**Information on amendments to Annex V
of MARPOL Convention**

At 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 adopted¹. These amendments were adopted by Resolution **MEPC.277(70)** with the entry-into-force date **1 March 2018** and include the following:

- Amendments to Regulation 4 and 6 of the Annex V of the MARPOL Convention (*garbage discharge provisions*) providing criteria for the classification of solid bulk cargoes as harmful to the marine environment by adding the appendix to this Annex (See [Annex II](#) to this Circular);
- Form of Garbage Record Book improved in order to distinguish the information on delivery/discharge to Port Reception Facilities of cargo residues. New form will consist of two parts – Part I remains similar to the present form, Part II will include records for Cargo residues only (*HME* and *Non-HME*) (See [Annex III](#) to this Circular);
- New category of waste “e-waste” is included in form of Garbage Record Book (See [Annex I](#) to this Circular). 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\(65\)](#));
- Additional table 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;
- Alignment of the Regulation 10 of the Annex V (*Placards, garbage management plans and garbage record-keeping*) to amended form of Garbage Record Book.

In addition to the amendments listed above 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.

Further to the above, the structure of the Global Integrated Shipping Information System (GISIS) Port Reception Facility module² will be amended accordingly.

¹ Amendments to MARPOL Annex V were adopted by Resolution MEPC.277(70) with the entry-into-force date 1 March 2018.

² <https://gis.imo.org/Public/PRF/Default.aspx>

ANNEX I

CATEGORIES OF WASTE TO BE REPORTED AS PER AMENDMENTS

<i>Part I</i>	<i>Part II</i>
<i>A Plastics</i> <i>B Food wastes</i> <i>C Domestic wastes</i> <i>D Cooking oil</i> <i>E Incinerator ashes</i> <i>F Operational wastes</i> <i>G Animal carcass(es)</i> ³ <i>H Fishing gear</i> <i><u>I Electronic waste</u></i> ⁴	<i><u>J Cargo residues (non-HME)</u></i> <i><u>K Cargo residues (HME)</u></i>

³ The category G in previous version was assigned to *Cargo residues*. Since *Cargo residues* are transferred to newly developed separate part, category letters for *Animal carcass(es)* and *Fishing gear* are changed.

⁴ New category of waste “e-waste” is added.

ANNEX II

CRITERIA FOR THE CLASSIFICATION OF SOLID BULK CARGOES AS HARMFUL TO THE MARINE ENVIRONMENT

For the purpose of the Annex V of the MARPOL Convention, 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 Chemicals⁵ (UN GHS) meeting the following parameters⁶:

- .1 Acute Aquatic Toxicity Category 1; and/or
- .2 Chronic Aquatic Toxicity Category 1 or 2; and/or
- .3 Carcinogenicity⁷ Category 1A or 1B combined with not being rapidly degradable and having high bioaccumulation; and/or
- .4 Mutagenicity⁵ Category 1A or 1B combined with not being rapidly degradable and having high bioaccumulation; and/or
- .5 Reproductive Toxicity⁵ Category 1A or 1B combined with not being rapidly degradable and having high bioaccumulation; and/or
- .6 Specific Target Organ Toxicity Repeated Exposure⁵ 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).

⁵ https://www.unece.org/fileadmin/DAM/trans/danger/publi/ghs/ghs_rev04/English/ST-SG-AC10-30-Rev4e.pdf

⁶ 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.

⁷ 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.

ANNEX III
FORM OF GARBAGE RECORD BOOK
(EXAMPLE)

PART I

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

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

A-Plastics	B-Food waste	C-Domestic wastes (e.g. paper products, rags, glass, metal, bottles, crockery etc.)		
D-Cooking oil	E-Incinerator ashes	F-Operational wastes	G-Animal carcasses	H-Fishing gear
I-Electronic waste				

Operational 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 disposed of ashore or name of ship if discharged to another ship	Category	Estimated amount discharged		Estimated amount incinerated (m3)	Remarks:(e.g. start/stop time and position of incineration; general remarks)	Certification/ Signature
			Into sea (m3)	To reception facilities or to another ship (m3)			
/							
:							
/							
:							
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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 (m3)	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
/					
:					
/					
:					

Master's signature: _____ Date: _____

PART II

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

Ship's name	Distinctive number or letters	IMO number
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Operational 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 disposed of ashore	HME Yes/No	Estimated amount discharged		Start and stop positions of the ship for discharges into the sea	Certification/ Signature
			Into sea (m3)	To reception facilities or to another ship (m3)		
/ :						
/ :						
/ :						
/ :						

Master's signature: _____ Date: _____