

**DRAFT****MINISTRY OF PORTS, SHIPPING AND WATERWAYS****NOTIFICATION**

New Delhi, the \_\_\_\_\_ 2026

*GSR \_\_\_\_\_(E) “In exercise of the powers conferred by sections 133(4), 134(1), 135(2), 136, 138(1), 142(1), 143(1) and 143(2)(n) under Part VII of the Merchant Shipping Act, 2025 (24 of 2025), and in supersession of the Merchant Shipping (Prevention of Pollution by Garbage from Ships) Rules, 2009, except as respects things done or omitted to be done before such supersession, the Central Government hereby makes the following rules, namely: –“*

**[CHAPTER I — PRELIMINARY]**

- 1. Short title and commencement.** (1) These rules may be called the **Merchant Shipping (Prevention of Pollution by Garbage from Ships) Rules, 2026.**
  - (2) They shall come into force on the date of their publication in the Official Gazette.
- 2. Definitions.** (1) In these rules, unless the context otherwise requires—
  - (a) “Act” means the Merchant Shipping Act, 2025 (24 of 2025);
  - (b) “Administration” means *the Central Government*;
  - (c) “Annex” means Annex V to the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 (MARPOL), as amended from time to time;
  - (d) “cargo residues” means the remnants of any cargo which remain on deck or in holds following loading or unloading, including spillages and dust, not otherwise cleaned for reuse;
  - (e) “domestic wastes” all types of wastes not covered by other Merchant Shipping Rules in relation of Pollution Prevention, that are generated in the accommodation spaces on board the ship. Domestic wastes do not include grey water;
  - (f) “e-waste” means electrical and electronic equipment and components from shipboard use that are disposed of;

- (g) "fishing gear" includes any physical device or part thereof used to capture marine life;
- (h) "garbage" has the meaning assigned in the Annex and includes all kinds of food, domestic and operational waste, plastics, dunnage, lining and packing materials, cargo residues, incinerator ashes, cooking oil, e-waste, operational wastes, animal carcasses and fishing gear;
- (i) "gross tonnage" means gross tonnage as determined under the International Convention on Tonnage Measurement of Ships, 1969;
- (j) "HME" (harmful to the marine environment) in relation to solid bulk cargoes has the meaning and criteria set out in Schedule IV;
- (k) "MMD" means the Mercantile Marine Department of the Directorate General of Maritime Administration;
- (l) "Polar Code" means the International Code for Ships Operating in Polar Waters, adopted by IMO Resolutions MSC.385(94)/MEPC.264(68), as amended;
- (m) "Reception facility" means a reception facility as defined in clause (47) of section 3 of the Act;
- (n) "special area" means any sea area designated as such under the Annex and listed in Schedule VII;
- (o) "Sensitive Area for Pollution Control (SAPC)" means an area declared under Rule 7;
- (p) "Nearest land" has the meaning assigned in the Annex, including the special baseline off the north-eastern coast of Australia;
- (q) "operation wastes" has the same meaning as defined in the Annex.

(2) Words and expressions used but not defined in these rules shall have the meanings respectively assigned to them in the Act, the Rule and those applicable Regulations, Codes and Conventions.

**3. Application.** (1) Unless expressly provided otherwise, these rules apply to-

- (a) every Indian vessel wherever it may be; and
- (b) every other vessel while in any port, terminal, offshore facility, or maritime zones of India as defined in section 2 of the Territorial Waters, Continental Shelf, Exclusive Economic Zone and Other Maritime Zones Act, 1976 (80 of 1976); and

(c) offshore platforms, fixed or floating, engaged in exploration, exploitation or associated processing of sea-bed mineral resources within areas under Indian jurisdiction.

(2) These rules are in addition to, and not in derogation of, the Act and any other law for the time being in force

#### **4. General obligation and prohibition**

(1) No owner, master or person in charge of a vessel shall discharge or cause to be discharged any garbage into the sea except in accordance with these rules and the Annex.

(2) Disposal of plastics, including synthetic ropes, nets and plastic garbage bags, and garbage mixed with plastics is prohibited in all areas.

(3) Where garbage is mixed with other matter having different discharge requirements, the more stringent requirements shall apply.

(4) Compliance with these rules is a condition for proceeding to sea and for entry into, or departure from, any Indian port or offshore terminal.

(5) Except as expressly permitted by the Schedule (and Rule 6 exceptions), the discharge of any garbage into the sea is prohibited.

(6) Irrespective of sea area, the discharge into the sea of cooking oil, domestic wastes, operational wastes, incinerator ashes, e-waste and fishing gear is prohibited.

#### **5. Exceptions.** (1) Rules in the Schedule permitting limited discharges shall not apply-

(a) where the disposal of garbage is necessary for the purpose of securing the safety of a vessel or those on board, or saving life at sea; or

(b) where the escape of garbage results from damage to a vessel or its equipment, provided all reasonable precautions have been taken before and after the occurrence to prevent or minimise the escape; or

(c) In case of accidental loss of fishing gear, provided that all reasonable precautions were taken to prevent such loss and all reasonable measures are taken to retrieve the gear where practicable and safe, and the loss is reported in accordance with the Schedule.

**6. Compliance with the Schedule:-**-(1) Every vessel to which these rules apply shall comply with the requirements contained in the Schedule, which reproduces and gives effect to the provisions of Annex V of the Convention as in force for India, together with domestic procedural formats and flexibilities consistent therewith. The Central Government may, by notification, publish revised text of the Schedule to reflect amendments to Annex V as and when they take effect for India.

(2) Every port and terminal in India shall comply with the port-related obligations under these rules and the Schedule, including the requirement of adequate waste reception facility.

**7. Sensitive Areas for Pollution Control:-** (1) For the purposes of this rules, the Director General, on the recommendation of the Ministry of Environment, Forest and Climate Change (MoEFCC) or any of its designated statutory agencies, may, by notification in the Official Gazette, declare any area within India's maritime zones to be a "Sensitive Area for Pollution Control (SAPC)" for the purposes of these rules.

(2) A notification under sub-rule (1) shall specify—

- (a) the geographical limits of the SAPC (by coordinates or chart references), including any seasonal or time-bound applicability;
- (b) the prescription for discharge applicable in the SAPC, which may include a zero-discharge standard (including food wastes) or any stricter restriction than those provided in the Schedule; and
- (c) any additional operational requirements, including mandatory retention on board, delivery to reception facilities, record-keeping and reporting obligations.

(3) In cases of urgent environmental risk, the Central Government may issue an interim order declaring a temporary SAPC for a period not exceeding ninety days, pending notification under sub-rule (1).

(4) Prescriptions notified for a SAPC shall not be less stringent than those applicable under the Schedule for special areas, and nothing in this rule shall derogate from obligations under the Convention.

*[Note: Enforcement, powers of inspection and detention, and issuance of directions shall be exercised under the Act (including sections 7, 135, 138, 140, 281 and 301) and any orders made thereunder.]*

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## FIRST SCHEDULE

[See Rule 6]

Prevention of Pollution by Garbage (Annex V, Regs. 3–6)

**1. General prohibition and baseline regime (outside special areas) :- (1)**

Subject to paragraph 2 and 5 of this Schedule and rule 5, discharge into the sea outside special areas shall comply with the Annex and the following principles—

(a) **Food wastes**: permitted only—

(i) **>12 nautical miles** from the nearest land; or  
 (ii) **>3 nautical miles** if comminuted or ground to pass a 25 mm screen, and in all cases the vessel shall be en route and the discharge made as far as practicable from the nearest land.

(b) Dunnage, lining and packing materials that float: permitted only >25 nautical miles from the nearest land and when en route.

(c) **Cargo residues (non-HME)**: discharge of residues and wash-water may be permitted outside special areas when the cargo is not HME, the residues do not contain plastics, appropriate reception facilities are not available or practicable, the vessel is en route and the discharge is made as far as practicable from the nearest land, in accordance with the Annex and IMO guidelines.

(d) **Cleaning agents and additives**: residues in wash-water may be discharged outside special areas only if such substances are not harmful to the marine environment as per Annex V guidelines.

(e) **Animal carcasses**: only in accordance with IMO guidelines and at a maximum feasible distance from the nearest land.

**2. Discharge within special areas.** (1) Within a special area listed in Schedule VII, the discharge of all garbage into the sea is prohibited except as permitted for food wastes that are comminuted or ground, and then only >12 nautical miles from the nearest land and when the vessel is en route.

(2) In the Antarctic area, the discharge of any garbage, including food wastes, is prohibited.

(3) Nothing in this rule permits discharge of plastics or cargo residues that are HME.

**3. Fixed or floating platforms and vessel within 500 metres.** (1) From fixed or floating platforms engaged in exploration, exploitation or associated offshore processing of sea-bed mineral resources, and from any other vessel alongside or within 500 metres of such platforms, discharge of any garbage is prohibited.

(2) Notwithstanding sub-rule (1), food wastes that are comminuted or ground may be discharged if the platform is >12 nautical miles from the nearest land.

**4. Exceptions:-** See Rule 5 (including accidental loss of fishing gear and associated reporting/retrieval duties).

**5. Operations in Polar Waters:-** (1) In the Arctic waters, any discharge otherwise permitted by this Schedule shall additionally comply with section 5.2.1 of Part II-A of the Polar Code, including restrictions related to ice conditions and enhanced retention/handling measures.

(2) In the Antarctic area, without prejudice to paragraph 2(2), any discharge shall additionally comply with section 5.2.2 of Part II-A of the Polar Code.

(3) The “en route” requirement does not apply to the discharge of food wastes where retention on board presents an imminent health risk to persons on board; such discharge shall be recorded with reasons in the Garbage Record Book.

**6. Placards.** (1) Every vessel of **12 metres or more in length overall** shall display placards, in the working language of the vessel’s personnel and also in English for international voyages, notifying the crew and passengers of the garbage discharge requirements applicable to the vessel and its area of operation, in the form set out in Part A of Third Schedule.

**7. Garbage Management Plan (GMP).** (1) Every vessel of 100 gross tonnage and above, and every vessel certified to carry 15 or more persons, and every fixed or floating platform shall carry a Garbage Management Plan complying with the Annex and the guidelines referred to in Schedule III, Part B.

(2) The Plan shall provide written procedures for collection, segregation, storage, processing and disposal of garbage, the use of equipment, and the **designation of the person in charge**.

(3) The Plan shall be vessel-specific, easy to understand, and kept in a language understood by the crew and, for international voyages, additionally in English.

(4) The Administration may issue guidance for model plans.

8. **Garbage Record Book (GRB) and record-keeping:** (1) Every vessel of 100 gross tonnage and above, and every vessel certified to carry 15 or more persons, and every fixed or floating platform, shall be provided with an Official logbook, e.g., Garbage Record Book in the format in Second Schedule and Appendix-1.

(2) Vessels <100 gross tonnage shall make entries relating to garbage discharges, deliveries to reception facilities, incineration, or accidental losses in the official log-book.

(3) The **GRB shall have two parts**-

**Part I (Categories A–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; and;

**Part II (Categories J–K):**

J- Cargo residues (non-HME); K- Cargo residues (HME).

(4) Every discharge, delivery to reception facility, or incineration shall be recorded and signed by the officer in charge, and each completed page shall be signed by the master; GRB pages shall be retained for two years after the last entry.

(5) **Electronic Record Books:** The Administration may approve use of an electronic GRB meeting IMO performance, data integrity and auditability standards; where approved, the electronic GRB shall be treated as the GRB under these rules.

(6) The competent authority at any Indian port may inspect and copy the GRB or log-book entries and require the master to certify the copies as true copies.

9. **Solid bulk cargoes:** HME classification and shipper's declaration (2018 amendment). (1) The criteria for determining whether a solid bulk cargo is HME are set out in Schedule IV (adopted mutatis mutandis from the Annex).

(2) The shipper shall, as part of the cargo information required under the Act and the IMSBC Code, declare whether the cargo is HME and provide supporting data.

(3) Discharge at sea of cargo residues or wash-water from HME cargoes is prohibited in all areas.

(4) When cargo residues (non-HME) or wash-water are to be discharged outside special areas, the conditions in paragraph 1(c) and Fifth Schedule, and applicable IMO guidelines shall be met.

10. **Adequacy of reception facilities** (1) Every port and terminal in India shall provide adequate reception facilities for vessel-generated garbage without undue delay, commensurate with the types of vessels normally using them.

(2) Charges towards waste reception, if any, shall not be structured so as to discourage the use of reception facilities.

(3) Allegations of inadequate facilities shall be reported by the master to the port and to the Administration in the format in Schedule VI(A), for onward transmission to the IMO as appropriate.

(4) The Director General may audit or inspect reception facilities at port or terminal, review the Port Waste Management Plan and call for records. Where non-compliance or undue delay to vessels is identified, the Director General may issue a notice of non-compliance and seek compliance within a prescribed timeline

(5) The Director General may, by way of General or Special Order;

(a) prescribe fees payable by ports and terminals for (i) audit or inspection of reception facilities under sub-rule (4), and (ii) scrutiny, approval and periodic review of the Port Waste Management Plan (PWMP);

- (b) provide for **cost recovery** of follow-up audits/inspections undertaken on account of non-compliance; and
- (c) in cases of non-compliance established under sub-rule (4), after providing an opportunity of being heard, initiate proceedings for penalties under section 281 of the Act, and, where so notified by the Central Government under section 143, levy administrative monetary penalties in the manner and to the extent specified therein, without prejudice to any other action under the Act.

(6) Indian vessels operating in Arctic waters may comply with regional reception arrangements recognised by the coastal State concerned, consistent with the Annex.

**11. Surveys, audits and verification (implementation of section 147):-** (1)

Compliance with these rules shall be verified during statutory surveys, safety management audits and port State control inspections, as applicable under the Act.

- (2) No certificate is prescribed by the Annex; however, the Administration may issue a **Statement of Compliance** evidencing conformity with these rules upon satisfactory verification.
- (3) A vessel shall not proceed to sea, if it does not carry the placards, the Garbage Management Plan or the GRB/log-book entries as required by these rules.

**12. Port clearance and detention.** (1) An authorised officer may withhold port clearance, or detain a vessel, where there are clear grounds for believing the vessel or its master/crew are not familiar with essential procedures relating to the prevention of pollution by garbage, or where there is evidence of violation of these rules.

- (2) Directions for rectification, delivery of garbage to reception facilities, or off-loading prohibited wastes may be issued as conditions for release.

**13. Notifications and reports.** (1) Discharges and incidents: The master shall record all discharges, deliveries and incinerations required by Schedule I.

(2) Lost fishing gear: Any loss of fishing gear that poses a hazard to navigation or the marine environment shall be reported without delay to the nearest coastal State authority and, when in Indian waters or by an Indian vessel, to the Vessel Traffic Service/Indian Coast Guard and the Administration in the format in Schedule VI(B).

(3) Inadequate reception facilities: Reports shall be made per Schedule I, 10(3) using Schedule VI (A).

(4) The Administration may prescribe digital portals for the submission of reports under this rule.

**14. Education, training and record retention.** (1) The owner and master shall ensure **crew training** and familiarization on garbage management and recording procedures.

(2) Records kept under these rules shall be readily available for inspection and retained for the period specified in Schedule I, paragraph 8(4).

**15. Incineration and on-board processing.** (1) Incineration of garbage shall conform to applicable IMO requirements and must not include plastics.

(2) Processing equipment (grinders, compactors, incinerators) shall be operated and maintained in accordance with manufacturer instructions and the GMP.

**16. Offences and consequences of contravention.** (1) Any contravention of these rules constitutes an offence under the Act and is punishable in accordance with the provisions of the Act (See section 281 of the Act).

(2) Without prejudice to any penalty under the Act, an authorised officer may direct operational restrictions, denial of entry or sailing, off-loading of garbage to reception facilities at the owner's cost, and cost recovery for response actions under the Act.

**17. Enforcement agencies and powers.** (1) For the purposes of these rules, only officers authorised by order of the Director General under section 7(3) read with section 135(2) of the Act may exercise powers of boarding, inspection and detention. The Director General may, by general or special order and subject to rank thresholds specified therein, authorise officers of

the Directorate General of Maritime Administration and the Mercantile Marine Department; or officers of any other department.

- (2) Authorised officers may board, inspect, search and examine any vessel, require production of documents and records including the GRB and GMP, sample residues, seize evidence, record statements, and detain the vessel for suspected violations.
- (3) Enforcement and monitoring for port reception facilities would be as per rule 10 (5) of this schedule.
- (4) The powers under this rule are in addition to the powers available under any other law for the time being in force.

**18. Power to issue directions and guidelines.** (1) The Administration may issue directions, circulars or guidelines for uniform implementation of these rules, including approved electronic record books, model placards, GMP templates, criteria and testing methods for HME assessment, and reporting formats, without prejudice to section 301 of the Act.

**19. Transitional provisions.** (1) Vessels shall update placards, Garbage Management Plans and GRBs to the formats required by these rules within **six months** from the commencement of this rule or such amendments issued thereafter.

- (2) Existing electronic record book approvals shall be revalidated to the extent necessary.

## **20. Repeal and savings**

(1) The **Merchant Shipping (Prevention of Pollution by Garbage from Ships) Rules, 2009** are hereby **repealed**: Provided that anything done or any action taken thereunder, including any approval, direction, permission or order, shall be deemed to have been done or taken under the corresponding provisions of these rules, to the extent not inconsistent.

- (2) These rules shall be read harmoniously with Part VII of the Act, including sections **134** and **147**.

## **SECOND SCHEDULE**

**[See Schedule I, Paragraph 8]**

### **Garbage Record Book — Format and Categories**

#### **Part I — Shipboard Garbage (Categories A–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.**

For each discharge, delivery to reception facility, or incineration record: date/time; position/port; category; estimated amount (m<sup>3</sup>); method discharge/delivery/incineration); remarks; officer's signature; master's signature per page.

#### **Part II — Cargo Residues (Categories J–K)**

J Cargo residues (non-HME); K Cargo residues (HME).

Record the same particulars; for wash-water discharges, record start/stop positions, confirmation that cleaning agents/additives are not harmful, and unavailability/impracticability of reception facilities (if applicable).

#### *Notes:*

1. Entries shall be in English for foreign-going ships (in addition to any other language).
2. Retain GRB for two years after last entry.
3. Electronic GRB permitted where approved by the Administration.

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### THIRD SCHEDULE

(See Schedule I, paragraph 6 and 7)

#### Model Placard Text & Garbage Management Plan (Content)

##### A. Model Placard (indicative text)

There shall be a model placards, targeting specifically to (i) crew and shipboard operations, (ii) fixed or floating platforms and ships operating within 500 m of such platforms and (iii) passengers. The placards shall contain following items indicatively;

1. **Disposal of plastics is prohibited everywhere.**
2. **Dunnage/lining/packing that floats:** only **>25 nm** from nearest land and when en route (not in special areas).
3. **Food waste:** only **>12 nm**; or **>3 nm** if ground/commminuted (not in special areas); in special areas: only if ground/commminuted and **>12 nm**; in Antarctic area: prohibited.
4. Cargo residues: discharge at sea prohibited if HME or containing plastics; non-HME residues/wash-water may be discharged outside special areas only when conditions are met.
5. Keep Garbage Record Book; segregate garbage; deliver to reception facilities where required.
6. Report lost fishing gear and any inadequate reception facilities.
7. For polar waters, comply with Polar Code Part II-A para 5.2.
8. Follow any SAPC prescriptions notified by the Central Government.

##### B. Minimum Content of Garbage Management Plan

1. Vessel particulars; organization and responsible person.
2. Garbage segregation plan and designated collection points.
3. Processing & storage: compaction, comminution, grinding, incineration (no plastics), containers and labelling.
4. Discharge/disposal procedures by category and sea area.
5. Delivery to reception facilities and record-keeping.
6. Training and familiarization; drills, internal checks and audits.
7. Contingencies for accidental loss, damage, and reporting.
8. Use of electronic GRB where approved.

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#### **FOURTH SCHEDULE**

**[See Schedule I, paragraph 9]**

#### **Criteria for “Harmful to the Marine Environment (HME)” for Solid Bulk Cargoes (extract)**

A cargo residue is **HME** as classified according to the criteria of the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS) meeting the following parameters (as per Annex V Appendix guidance):

1. **Acute aquatic toxicity:** Category 1;
2. **Chronic aquatic toxicity:** Category 1 or 2;
3. Carcinogenicity Category 1A or 1B combined with not being rapidly degradable and having high bioaccumulation;
4. Mutagenicity Category 1A or 1B combined with not being rapidly degradable and having high bioaccumulation;
5. Reproductive Toxicity Category 1A or 1B combined with not being rapidly degradable and having high bioaccumulation;
6. Specific Target Organ Toxicity Repeated Exposure 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)
8. **Other properties** as may be specified by the Director General, consistent with IMO guidance.

**Note:** Shipper's declaration of HME status shall accompany cargo information.

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## **FIFTH SCHEDULE**

**[See Schedule I, Paragraph 1(c)]**

### **Conditions for Discharge of Non-HME Cargo Residues and Hold-Wash Water (outside special areas)**

1. Vessel is en route and discharge is made as far as practicable from nearest land.
2. No plastics or other prohibited substances present.
3. Hold-wash water contains no cleaning agents/additives that are harmful to the marine environment.
4. Discharge only when reception facilities are not available or not practicable to use.
5. Entries made in GRB Part II, including start/stop positions for wash-water.

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## **SIXTH SCHEDULE**

**[See Schedule 1, Paragraphs 10 (3)]**

### **Reporting Formats**

**A. Inadequate Reception Facility Report** (vessel/port particulars; nature of inadequacy; date/time; impact on operations; copies to port and Administration).

**B. Lost Fishing Gear Report** (vessel/fishing vessel particulars; position; description of gear; circumstances; hazard assessment; actions taken; contact details).

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**SEVENTH SCHEDULE**

**[See rule 2(1)(n) and Schedule I, Paragraph 2]**

**Special Areas under Annex V (for ready reference)**

1. Mediterranean Sea area
2. Baltic Sea area
3. Black Sea area

4. Red Sea area
5. Gulfs area
6. North Sea area
7. Antarctic area (south of latitude 60° S)
8. Wider Caribbean Region (including the Gulf of Mexico and the Caribbean Sea)

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**Explanatory Note (non-statutory):** This draft transposes Annex V as revised, including (i) 2018 introduction of HME criteria and two-part GRB with E-waste and fishing gear categories, and (ii) 2024 extension of GRB to  $\geq 100$  GT and flexibility on Arctic reception arrangements for Indian vessels operating there. It operationalizes sections 131, 134 and 147 of the Act and strengthens enforcement by expressly empowering Indian Coast Guard, Indian Navy (when assigned), BSF (Water Wing) and port authorities alongside DGMA/MMD.

## **APPENDIX I - Form of Garbage Record Book**

Name of Vessel: \_\_\_\_\_

Distinctive number or letters: \_\_\_\_\_

IMO No.: \_\_\_\_\_

Period: \_\_\_\_\_ From: \_\_\_\_\_ To: \_\_\_\_\_

### **1. Introduction**

In accordance with regulation 9 of Annex V of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78), a record is to be kept of each discharge operation or completed incineration. This includes discharges at sea, to reception facilities, or to other vessels.

### **2. Garbage and garbage management**

Garbage includes all kinds of food, domestic and operational waste excluding fresh fish and parts thereof, generated during the normal operation of the vessel and liable to be disposed of continuously or periodically except those substances which are defined or listed in other annexes to MARPOL 73/78 (such as oil, sewage or noxious liquid substances).

The Guidelines for the Implementation of Annex V of MARPOL 73/78\* should also be referred to for relevant information.

### **3. Description of the garbage**

The garbage is to be grouped into categories for the purposes of this record book as follows:

- 1      Plastics
- 2      Floating dunnage, lining, or packing material
- 3      Ground-down paper products, rags, glass, metal, bottles, crockery, etc.

- 4      Cargo residues, paper products, rags, glass, metal, bottles, crockery, etc.
- 5      Food waste
- 6      Incinerator ash.

#### **4 Entries in the Garbage Record Book**

4.1 Entries in the Garbage Record Book shall be made on each of the following occasions:

- (a) When garbage is discharged into the sea:
  - (i) Date and time of discharge
  - (ii) Position of the vessel (latitude and longitude). Note: for cargo residue discharges, include discharge start and stop positions.
  - (iii) Category of garbage discharged
  - (iv) Estimated amount discharged for each category in cubic metres
  - (v) Signature of the officer in charge of the operation.
- (b) When garbage is discharged to reception facilities ashore or to other ships:
  - (i) Date and time of discharge
  - (ii) Port or facility, or name of vessel
  - (iii) Category of garbage discharged
  - (iv) Estimated amount discharged for each category in cubic metres
  - (v) Signature of officer in charge of the operation.
- (c) When garbage is incinerated:
  - (i) Date and time of start and stop of incineration
  - (ii) Position of the vessel (latitude and longitude)

- (iii) Estimated amount incinerated in cubic metres
- (iv) Signature of the officer in charge of the operation.

(d) Accidental or other exceptional discharges of garbage

- (i) Time of occurrence
- (ii) Port or position of the vessel at time of occurrence
- (iii) Estimated amount and category of garbage
- (iv) Circumstances of disposal, escape or loss, the reason therefor and general remarks.

#### **4.2 Receipts**

The master should obtain from the operator of port reception facilities, or from the master of the vessel receiving the garbage, a receipt or certificate specifying the estimated amount of garbage transferred. The receipts or certificates must be kept on board the vessel with the Garbage Record Book for two years.

#### **4.3 Amount of garbage**

The amount of garbage on board should be estimated in cubic metres, if possible separately according to category. The Garbage Record Book contains many references to estimated amount of garbage. It is recognized that the accuracy of estimating amounts of garbage is left to interpretation. Volume estimates will differ before and after processing. Some processing procedures may not allow for a usable estimate of volume, e.g. the continuous processing of food waste. Such factors should be taken into consideration when making and interpreting entries made in a record.

**RECORD OF GARBAGE DISCHARGES**

Vessel/Ship's name: \_\_\_\_\_

Distinctive No., or letters: \_\_\_\_\_

IMO No.: \_\_\_\_\_

Garbage categories:

- .1 Plastic.
- .2 Floating dunnage, lining, or packing materials.
- .3 Ground paper products, rags, glass, metal, bottles, crockery, etc.
- .4 Cargo residues, paper products, rags, glass, metal, bottles, crockery, etc.
- .5 Food waste.
- .6 Incinerator ash except from plastic products which may contain toxic or heavy metal residues.

**NOTE:** THE DISCHARGE OF ANY GARBAGE OTHER THAN FOOD WASTE IS PROHIBITED IN SPECIAL AREAS. ONLY GARBAGE DISCHARGED INTO THE SEA MUST BE CATEGORIZED. GARBAGE OTHER THAN CATEGORY 1 DISCHARGED

TO RECEPTION FACILITIES NEED ONLY BE LISTED AS A TOTAL ESTIMATED AMOUNT. DISCHARGES OF CARGO RESIDUES REQUIRE START AND STOP POSITIONS TO BE RECORDED.

\* Refer to the Guidelines for the Implementation of Annex V of MARPOL 73/78, as amended by resolutions MEPC.59(33) and MEPC.92(45).