
 <b>QUALITY MATTERS</b>	<b>SHIPS CLASSIFICATION MALAYSIA</b> <b>SCM CIRCULAR</b> <b>TO SHIPOWNERS, SHIPYARDS, MASTERS,</b> <b>AGENTS AND RELEVANT INTEREST PARTIES</b>		 <small>MS ISO 9001 REG. NO. AR2998</small>
	Issue No	06/2016	
<b>TITLE</b>	<b>AMENDED REQUIREMENTS FOR SLUDGE DISCHARGING AND BILGE-WATER PIPING AS OF 1<sup>ST</sup> JANUARY 2017</b>		

**To All Owners, Ships Managers, Ship Builder and Designer of Malaysian Vessels,**

A decisions was taken at the sixty-eighth session of the Marine Environment Protection Committee (MEPC68) held in May 2015 with regards to amendments to MARPOL Annex I to clarify the scope of application of the requirements for sludge discharging piping and bilge-water piping specified in regulation 12 of the said Annex, and the amendments will enter into force on 1 January 2017.

A summary of the amended requirements is provided as below for your information.

1. Application

All new and existing ships of 400 gross tonnage and above are subject to the regulation.

2. Application date

Application date of the amended requirements is as follows:

- a) for ships the keel of which is laid or which is at a similar stage of **construction on or after 1 January 2017, registration surveys during construction;** or
- b) for ships the keel of which is laid or which is at a similar stage of **construction before 1 January 2017, the first IOPP renewal survey carried out on or after 1 January 2017.**

3. The outline of major amendments to the regulation

The sludge tank discharge piping and bilge-water piping may be connected to a common piping leading to the standard discharge connection; the connection of both systems to the possible common piping leading to the standard discharge connection shall not allow for the transfer of sludge to the bilge system<sup>\*1</sup>.

<sup>\*1</sup> A Screw-down non-return valve is to be provided in lines connecting to common piping leading to the standard discharge connection. (Refer to figure 1 and 2 in Annex 1)

In cases where the sludge system and/or the bilge system are to be modified to comply with the above requirements, the approval of the modified drawings in addition to the inspection will be required.

a) Approval of modified drawings

Before modification is carried out, the drawings of the sludge system and/or the bilge system showing the modifications to be made on those systems are to be submitted to Plan Approval and Newbuilding Department (PAN).

b) Inspection of modification onboard

To confirm the modified part at IOPP renewal survey, an application for an occasional survey is to be requested to SCM HQ, provided modified drawings which have been approved by PAN Department is available at the time of inspection. Even in cases where no modification is made, an attending surveyor inspects the systems onboard to confirm the compliance with the new requirements. Even before the first IOPP renewal survey carried out on or after 2017, an application to confirm the compliance with the amended requirements may be submitted.

If the above requirements are already complying with the existing arrangements, such modification is not required.

For your reference, IMO Resolution MEPC.266(68) is attached as **Annex 2**.

For further information you may contact:

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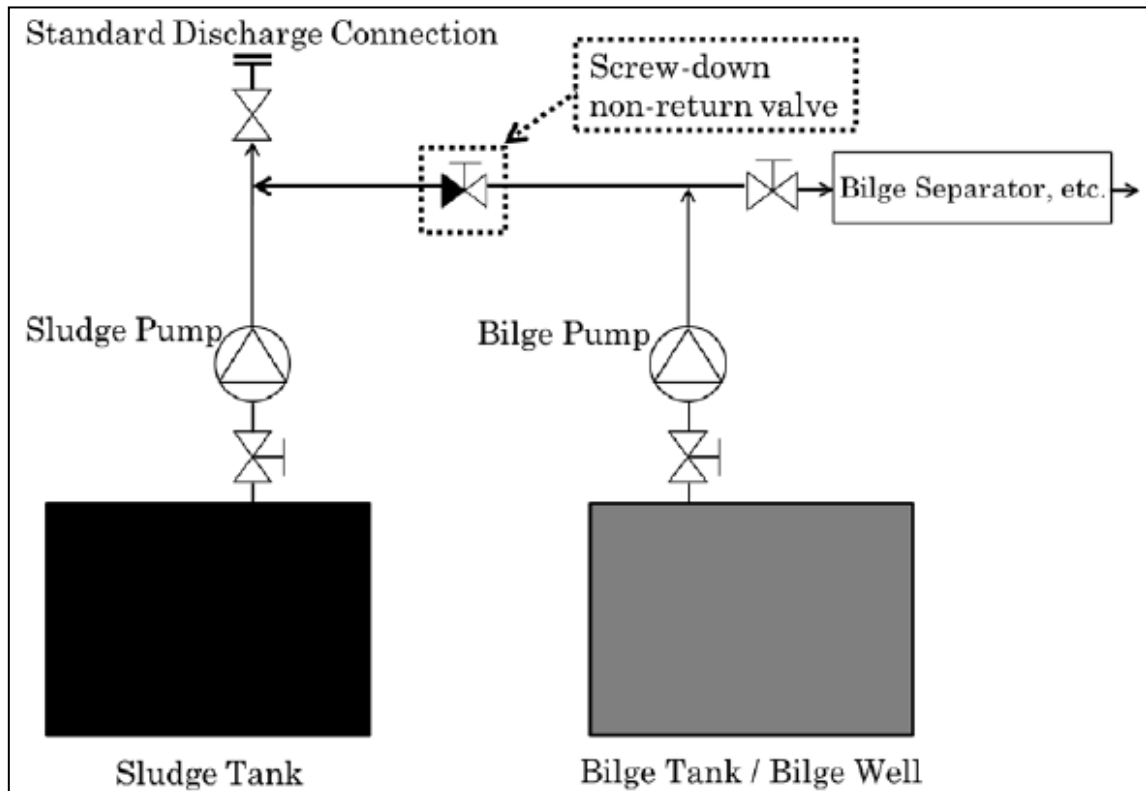
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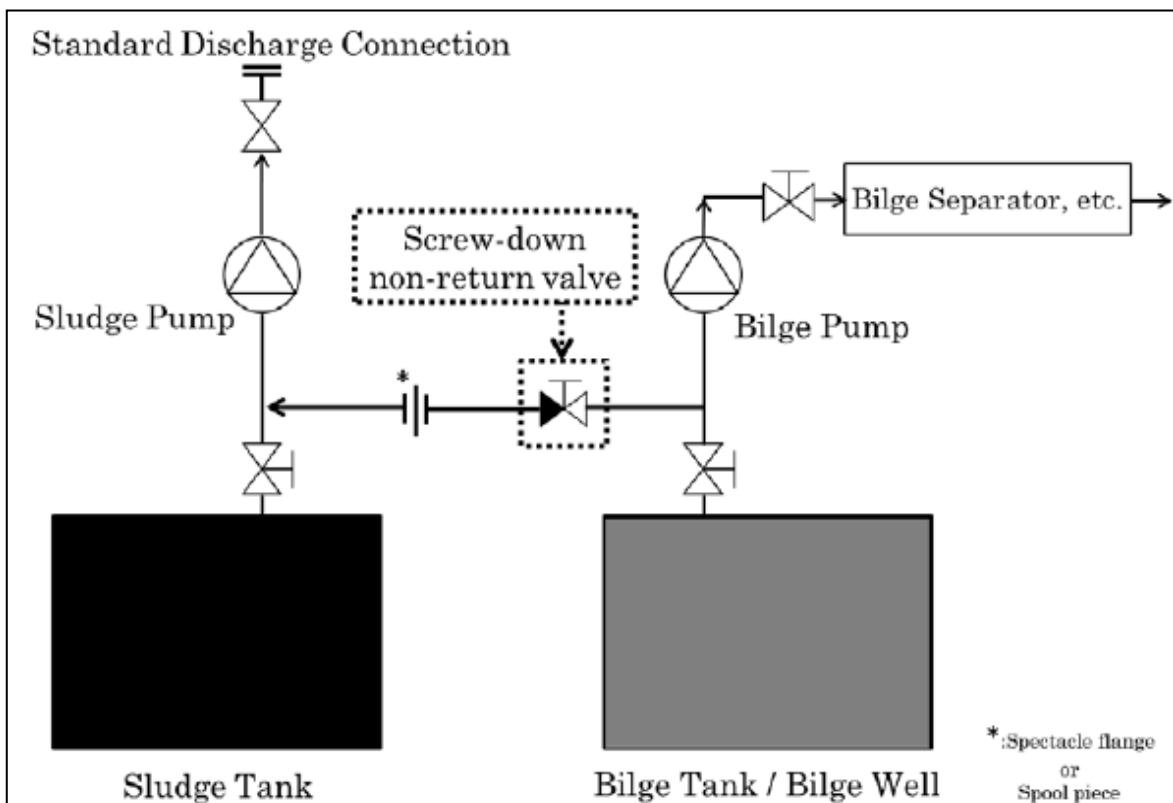
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**Figure 1 – Example acceptable arrangement**  
**Common discharge piping for standard discharge connection**



**Figure 2 – Example acceptable arrangement**  
**Common discharge piping for standard discharge connection**

**ANNEX 12****RESOLUTION MEPC.266(68)  
(adopted on 15 May 2015)****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 regulation 12 of MARPOL Annex I**

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 sixty-eight session, proposed amendments to MARPOL Annex I concerning requirements for machinery spaces of all ships,

1 ADOPTS, in accordance with article 16(2)(d) of the 1973 Convention, amendments to regulation 12 of Annex I, 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 July 2016 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 January 2017 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 I**

**Chapter 3  
Requirements for machinery spaces of all ships**

**Part A  
Construction**

**Regulation 12 – Tanks for oil residues (sludge)**

Paragraphs 1 to 4 of regulation 12 are replaced by the following:

"1 Unless indicated otherwise, this regulation applies to every ship of 400 gross tonnage and above except that paragraph 3.5 of this regulation need only be applied as far as is reasonable and practicable to ships delivered on or before 31 December 1979, as defined in regulation 1.28.1.

2 Oil residue (sludge) may be disposed of directly from the oil residue (sludge) tank(s) to reception facilities through the standard discharge connection referred to in regulation 13, or to any other approved means of disposal of oil residue (sludge), such as an incinerator, auxiliary boiler suitable for burning oil residues (sludge) or other acceptable means which shall be annotated in item 3.2 of the Supplement to IOPP Certificate Form A or B.

3 Oil residue (sludge) tank(s) shall be provided and:

- .1 shall be of adequate capacity, having regard to the type of machinery and length of voyage, to receive the oil residues (sludge) which cannot be dealt with otherwise in accordance with the requirements of this Annex;
- .2 shall be provided with a designated pump that is capable of taking suction from the oil residue (sludge) tank(s) for disposal of oil residue (sludge) by means as described in regulation 12.2;
- .3 shall have no discharge connections to the bilge system, oily bilge water holding tank(s), tank top or oily water separators, except that:
  - .1 the tank(s) may be fitted with drains, with manually operated self-closing valves and arrangements for subsequent visual monitoring of the settled water, that lead to an oily bilge water holding tank or bilge well, or an alternative arrangement, provided such arrangement does not connect directly to the bilge discharge piping system; and
  - .2 the sludge tank discharge piping and bilge-water piping may be connected to a common piping leading to the standard discharge connection referred to in regulation 13; the connection of both systems to the possible common

piping leading to the standard discharge connection referred to in regulation 13 shall not allow for the transfer of sludge to the bilge system;

- .4 shall not be arranged with any piping that has direct connection overboard, other than the standard discharge connection referred to in regulation 13; and
- .5 shall be designed and constructed so as to facilitate their cleaning and the discharge of residues to reception facilities.

4 Ships constructed before 1 January 2017 shall be arranged to comply with paragraph 3.3 of this regulation not later than the first renewal survey carried out on or after 1 January 2017."

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