

High Speed Craft Consultative Committee Consultation Paper

Implementation of the Amendments to MARPOL Annex VI on the High Speed Crafts plying within River Trade Limits

Purpose

1. The purpose of this paper is to seek members' views on the proposed amendments to the Merchant Shipping (Prevention of Air Pollution) Regulation (Cap. 413M) to implement the amendments to the MARPOL Annex VI that are applicable to ocean-going ships as well as local vessels, including high speed craft plying within River Trade Limits.

Backgrounds

2. On 10 October 2008, IMO adopted the amendments to the MARPOL Annex VI by resolution MEPC.176(58) in response to the public demand worldwide to further reduce air pollution from ships. The amendments will enter into force internationally on **1 July 2010**. A copy of the resolution MEPC.176(58) is enclosed for members' reference.

3. The main changes of MARPOL Annex VI include:

- .1 Ozone Depleting Substances (ODS) Record Book is required for the ODS rechargeable systems onboard. (Reg. 12)
- .2 Definition of "major conversion" of a marine diesel engine is revised (Reg. 13.1.1 and 13.2)
- .3 Marine diesel engines with power output more than 130 kW (except for engines intended to be used solely for emergencies) installed on ships constructed on or after 1 January 2011 have to comply with NOx "Tier II" emissions standard (14.4 g/kWh). (Reg. 13.3)
- .4 Existing diesel engines with a power output of more than 5,000 kW and a displacement per cylinder at or above 90 litres installed on ships constructed on or after 1 January 1990 but prior to 1 January 2000, will have to comply with the "Tier I" emission limit (17.0 g/kW) when Approved Methods for the engines are available and certified. (Reg. 13.7)
- .5 The global sulphur cap of fuel will be reduced to 3.5 % from 1 January 2012. (Reg. 14.1.2)
- .6 A VOC Management Plan is required for a tanker carrying crude oil. (Reg. 15.6)

Implementation Measures of the Amendments to MARPOL Annex VI for High Speed Crafts solely engaged in non-international voyages

4. It is proposed that all the items of the above paragraph will be applicable to high speed crafts plying within River Trade Limits except that the application date “on or after 1 January 2000” (paragraph 3.2 above) for the major conversion of a marine diesel engine under the definition of “major conversion” may be changed to “on or after 1 June 2008” because of the existing requirement under Cap. 413M for ships solely engaged in non-international voyages.

Action Requested

5. **Members** are invited to comment on the above proposal for implementing the amendments to the MARPOL Annex VI on high speed crafts plying within River Trade Limits.

Marine Department
Multi-lateral Policy Division
6 May 2009

Encl.: MEPC.176(58) – Revised MARPOL Annex VI