



REPUBLIC OF CYPRUS
MINISTRY OF
COMMUNICATIONS AND WORKS



DEPARTMENT
OF MERCHANT SHIPPING
LEMESOS

Circular No. 16/2010

24 June 2010

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Owners, Managers
and Representatives of Ships
under the Cyprus flag

Recognised Organisations

Inspectors of Cyprus ships

Subject: Ozone Depleting Substances (ODS) – Advice on the implementation of the revised regulation 12 of MARPOL Annex VI entering into force on 1st July 2010/ European Union Regulations (EC) No. 2037/2000 and 1005/2009

ODS emissions from ships are regulated by regulation 12 of MARPOL Annex VI, where installations, maintenance and record keeping of ODS equipment on board ships are specified. Any deliberate emissions of ODS is prohibited including emissions occurring in the course of maintaining, servicing, repairing or disposing of ODS equipment.

According to regulation 12 of Annex VI of MARPOL 73/78, as from 1st July 2010, any ship subject to compliance with regulation 6.1 of the same Annex, shall maintain a List of Equipment containing Ozone Depleting Substances (ODS).

Also, each ship subject to regulation 6.1 which has rechargeable systems that contain ozone depleting substances shall maintain an Ozone Depleting Substances Record Book. This Record Book may form part of an existing log-book or electronic system as *approved by the Administration*.

This regulation does not apply to permanently sealed equipment where there are no refrigerant charging connections or potentially removable components containing ozone depleting substances.

Annex VI prohibits deliberate emissions of ozone depleting substances, which include Halons and Chlorofluorocarbons (CFCs). New installations containing ozone-depleting substances are prohibited on all ships.

The use of hydro-chlorofluorocarbons (HCFCs) is permitted until 31st December 2014 in accordance with Regulation 2037/2000 (EC) of the European Parliament and of the

Council dated 29th June 2000 on Substances that Deplete the Ozone Layer¹. As from 1st January 2010, the provisions of Regulation (EC) No. 1005/2009 are applied and the use of virgin HCFCs for the maintenance or servicing of equipment is prohibited. Until 31st December 2014, only reclaimed HCFCs may be used for the maintenance or servicing of existing equipment. After that day (31/12/2014), the use of HCFCs is no longer allowed.

To ensure compliance of Cyprus flagged ships with the new requirements, this Administration provides the following advice:

1. ODS List

Each ship shall maintain a list of the equipment containing ODS for any system or equipment contained in paragraph 2.1 of the supplement to its International Air Pollution Prevention Certificate.

2. ODS Record Book

Entries in the ODS Record Book shall be recorded in terms of mass (kg) of substance and shall be completed without delay on each occasion, in respect of the following:

1. *recharge, full or partial, of equipment containing ozone depleting substances;*
2. *repair or maintenance of equipment containing ozone depleting substances;*
3. *discharge of ozone depleting substances to the atmosphere:*
 - 3.1 *deliberate; and*
 - 3.2 *non-deliberate;*
4. *discharge of ozone depleting substances to land-based reception facilities; and*
5. *supply of ozone depleting substances to the ship.*

ODS List and ODS Record Book satisfying the requirements of this Administration should contain the main particulars of the ship (Name, IMO Number) and as a minimum, the information listed under 1. to 5. above. It is clarified that:

- a. No specific format of an ODS List and Record Book is required.
- b. The ODS List and Record Book is not required to be approved or stamped by the Administration.
- c. An ODS List and Record Book may form part of the engine log book or part of any other log incorporated in the Safety Management System implemented on board. It may be kept on board also in an electronic data system, provided the electronic data system does not allow any deletions/alterations after an entry has been done. Regular back-up's of the recorded data are to be maintained at intervals specified in the Shipboard Safety Management System.

A specimen of a combined ODS List and Record Book for ships under Cyprus Flag is attached to this circular. Also specimens prepared and circulated by Recognized Organizations are accepted and considered to meet the applicable requirements, provided they contain at least the information listed under 1. to 5. above.

3. Purpose of ODS data recording

The purpose of ODS data recording in the supplement to International Air Pollution Prevention Certificate and in the ozone-depleting substances record book is to provide

¹ Refer to DMS Circular No. 01/2002 of 10th January 2002 on the "Prohibition of the use of substances depleting the ozone layer"

information on the condition and quantities of ODS on board ships and may be used by the Flag States as basis for data collection.

4. Verification of ODS data

ODS data recorded in the supplement to the International Air Pollution Prevention Certificate and in the ozone-depleting substances record book may be verified by a RO Surveyor at each periodical survey and by any Flag State Surveyor or Inspector or by authorized Port State Control Officers. Such verification includes whether the condition of the ODS equipment on board corresponds substantially with the particulars of the IAPP supplement and the ODS record book. In other words, by verifying the ODS data and the condition of the ODS equipment on board, it is confirmed that appropriate maintenance of the ODS equipment has been carried out and deliberate emission of ODS has not taken place.

For any questions concerning the content of this Circular, interested parties may contact:

Department of Merchant Shipping – Marine Environment Protection Division
Tel.: +357 25 848 273, +357 25 848132 or by Fax: +357 25 848 200
e-mail: environment@dms.mcw.gov.cy

The Masters, Owners, Managers and Representatives of ships flying the Cyprus flag are advised to strictly abide by this Circular.

This Circular must be placed on board ships flying the Cyprus Flag.

Serghios.S .Serghiou
Director
Department of Merchant Shipping

Attachment: Specimen, ODS List and Record Book

CC: Permanent Secretary, Ministry of Communications and Works
Permanent Secretary, Ministry of Foreign Affairs
Permanent Secretary, Ministry of Commerce, Industry and Tourism
Permanent Secretary, Ministry of Agriculture, Natural Resources and Environment
Maritime Offices of the Department of Merchant Shipping abroad
Diplomatic Missions and Honorary Consular Officers of the Republic
General Manager, Cyprus Ports Authority
Cyprus Shipping Chamber
Cyprus Union of Shipowners
Cyprus Shipping Association
Cyprus Bar Association

SPECIMEN

Ozone Depleting Substances List (ODS List) and ODS Record Book

FOR SHIPS UNDER CYPRUS FLAG

in compliance with Regulation 12.6 of Annex VI of MARPOL 73/78

Ship's Name: _____

IMO No.: _____

LIST OF EQUIPMENT ONBOARD CONTAINING ODS SUBSTANCES

(The list must correspond to the systems or equipment listed in section 2.1 of the supplement to the ship's International Air Pollution Prevention Certificate)

Refrigerator Plant, System or Equipment on board containing ODS	Location	ODS in system (Name)	Quantity of ODS Kg

REMARKS:

By virtue of Article 11 of Regulation (EC)1005/2009:

1. As from 1st January 2010, the use of virgin HCFCs for the maintenance or servicing of equipment is prohibited.
2. Until 31st December 2014, only reclaimed HCFCs may be used for the maintenance or servicing of existing equipment. After that day (31/12/2014), the use of HCFCs is no longer allowed.

Master's signature

Record Book Sheet

Operational Entries

(to be completed by a responsible officer on board and to be verified and signed by the Master)

Date	Plant or System or Equipment	Location	ODS Name	Operation carried out 1. recharge, full or partial 2. repair or maintenance/leak test 3. discharge to the atmosphere: a. deliberate; and b. non-deliberate; 4. discharge to land-based reception facilities; 5. supply of ozone depleting substances to the ship.	Quantity Added or discharged (Kg)	Total Quantity of ODS (Kg)	Name and signature of responsible Officer

Master's signature _____

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