



Ref No : 15/1/0062

Date : 06/01/2019

الرقم الإشاري : 0062/1/15  
التاريخ : 06/01/2019 م

تعميم رقم 1 / 2019  
Circular No. 1 / 2019

الموضوع : توجيهات و تعليمات بشأن تجميع بيانات وإرسال تقارير استهلاك الوقود.  
Subject : Fuel Consumption Data Collection and Reporting Guidance and Instructions

الى : ملاك ومشغلي وربابنة السفن وهيئات التصنيف المعترف بها  
To : Ship Owners, Ship Operators, Ship Masters and Recognized Organizations

1. Purpose

- 1.1. This Circular is intended to provide guidance to Companies operating Libyan flagged ships on fuel consumption data reporting, as required by Regulation 22A of Annex IV of the International Convention for the Prevention of Pollution from Ships (MARPOL Annex VI).
- 1.2. This Circular should be read in conjunction with Regulations 22 & 22A and Appendices IX & X of MARPOL Annex VI, and IMO Resolutions MEPC.282(70) and MEPC.292(71).

2. Application

- 2.1. This Circular applies to all Libyan flagged ships of 5000 gross tonnage and above to which Chapter 4 of MARPOL Annex VI applies.
- 2.2. Chapter 4 of MARPOL Annex VI applies to all ships of 400 gross tonnage and above, with the exception of:
  - i. ships not propelled by mechanical means;
  - ii. offshore platforms, including FPSOs and FSUs and drilling rigs, regardless of their propulsion;
  - iii. ships operating exclusively in Libyan waters, provided that such ships are constructed and act in a manner consistent with Chapter 4 so far as is reasonable and practicable.
- 2.3. Fuel consumption data collection is mandatory for the ships referred to in paragraph 2.1 as from 01 January 2019.
- 2.4. The provisions of this Circular may be voluntarily adopted for ships of less than 5000 gross tonnage.



Ref No : .....

الرقم الإشاري : .....

Date : .....

التاريخ : ..... / ..... / 20 م

### 3. Introduction

3.1. As of 01 January 2019, all ships to which this Circular applies shall comply with Regulation 22A of MARPOL Annex VI. This requires the compilation and reporting of, inter alia, fuel consumption, hours of operation and distance travelled for each calendar year ("fuel consumption data").

3.2. Following the end of each calendar year, by not later than 31 March of the subsequent year, the Company is to submit a report of fuel consumption data covering the previous year (or part thereof where the Company, Class Society or Flag has changed during the year) to the nominated Reporting Organisation. The first fuel consumption data report shall therefore be submitted by not later than 31 March 2020.

3.3. In order to fulfill the required reporting provisions, all ships to which this Circular applies shall have their Shipboard Energy Efficiency Management Plans (SEEMPs) amended to include the data collection methodology and the procedure for data reporting and verification, by not later than 31Dec. 2018.

3.4. The amended SEEMP should be verified by the nominated Reporting Organisation, prior to reporting of the fuel consumption data commences. On successful verification of the amended SEEMP, the Reporting Organisation is to issue Statement of Compliance to the ship, in accordance with Regulation 5.4.5 of MARPOL Annex VI.

3.5. Where there is a change of nominated Reporting Organisation, the data collection methodology and reporting procedures in the ship's SEEMP shall be verified by the new Reporting Organisation and Statement of Compliance issued to the ship.

### 4. Reporting Organisation for Fuel Consumption Data Collection

4.1. The Libyan Maritime Authority (LMA) has authorized its existing Recognized Organisations to act as Reporting Organizations in order to collect, and verify fuel consumption data from Libyan ships, and to report to IMO in accordance with the provisions of Regulation 22A of MARPOL Annex VI.

4.2. The Reporting Organisation does not need not be the Recognised Organisation that classes the ship, though this may streamline the fuel consumption data collection, verification and reporting process.

4.3. Any documents used as a source of information for gathering of fuel consumption data shall be retained on board for not less than 12 months after the end of the respective calendar year. Such documents shall be made available to the LMA and/or Recognised Organisation that classes the ship upon request.



Ref No : .....

الرقم الإشاري : .....

Date : .....

التاريخ : 20 / / م

## 5. Reporting of Fuel Consumption Data.

5.1. Reporting of fuel consumption data shall be completed for each ship individually based on the report format indicated in Appendix IX of MARPOL Annex VI. IMO will preserve reported data in such a way as to preclude identification of any individual ship for which the data had been submitted.

5.2. In accordance with Appendix IX of MARPOL Annex VI, the following information is to be included in annual cumulative fuel consumption data report:

- Identity of the ship: IMO number, ship type, gross tonnage, net tonnage, deadweight, rated power of each main and/or auxiliary reciprocating internal combustion engine over 130 kW, Attained EEDI (where applicable), Ice Class;
- Every type of fuel oil consumption on board for any purpose (engines, boilers, incinerator, inert gas generators, heaters etc.), in metric tonnes;
- distance travelled over the ground;
- hours underway;
- information on the method used to collect fuel consumption data as required by Regulation 22A of MARPOL Annex VI.

5.3. The LMA considers methods of collection of fuel consumption data to be acceptable if based on the following:

- Fuel quantities bunkered as taken from Bunker Delivery Note (BDN); or
- Fuel quantities bunkered as taken from Code H entries in the Oil Record Book Part I; or
- Fuel day tank(s) sounding records; or
- Fuel meter readings (Where fuel meters are used, a backup method must be described for use in case of fuel meter malfunction. Accuracy of fuel meters shall be verified by a competent person on annual basis.) ; or
- Fuel quantity details based on arrival and departure notice.

5.4. Reporting of direct CO<sub>2</sub> emission measurements is not mandatory. This method may however be utilised concurrently where necessary equipment is installed on board to supplement the fuel consumption data report.

5.5. When the Reporting Organisation has received fuel consumption data from a ship and verified that it has been collected and reported in accordance with paragraphs 5.2 and 5.3 above, a Statement of Compliance shall be issued to the ship confirming the submission of the data required for the period. The format of the Statement of Compliance can be found in.



دولة ليبيا  
وزارة المواصلات  
Ministry of Transport  
مصلحة الموانئ والنقل البحري  
Ports & Maritime Transport Authority



Ref No : .....

الرقم الإشاري : .....

Date : .....

التاريخ : 20 / / م

**Appendix X of MARPOL Annex VI.**

5.6. Each Statement of Compliance will remain valid for the duration of the calendar year when it was issued and for the first five months of the next calendar year.

5.7. Expired Statements of Compliance are not required to be retained beyond their expiration date, once a new statement has been issued and delivered on board.

5.8. In situations where a ship is not in a position to obtain a new Statement of Compliance following the end of a calendar year due to lay-up, conversion of period of inactivity, the last issued Statement of Compliance shall be retained on board for inspection.

5.9. Submitted fuel consumption data shall be verified by the Reporting Organisation for consistency and accuracy as required by Regulation 22A.7 of MARPOL VI. IMO has developed a set of guidelines aiming to facilitate such verification which can be found in Resolution MEPC.292(71).

5.10. The method of fuel consumption data verification and any additional documents that may need to be provided to the Reporting Organisation along with the annual fuel consumption data collection report shall be clearly addressed in the SEEMP. Such verification may be undertaken based on one of the methods addressed in 5.3 above but should not be the same method used for the annual fuel consumption data collection.

**6. Measures to Improve Efficiency**

6.1. Certain steps may be considered by the Company to improve fuel consumption efficiency on board a ship, such as hull drag minimisation, draft optimisation, propeller and rudder blade flow improvement devices and others.

  
CH.ENG. MUSTAFA S. SAGHIR  
MANAGER, MARITIME AFFAIRS DEPARTMENT  
LIBYAN PORTS & MARITIME TRANSPORT AUTHORITY  
TEL. & FAX: +218 (0)21 489 13 56  
Mobile: +218 (0)91 622 49 47  
+218 (0)92 314 43 42  
E.MAIL: [smepm@lma.ly](mailto:smepm@lma.ly)  
[saghirms@yahoo.com](mailto:saghirms@yahoo.com)