



**THE REPUBLIC OF LIBERIA**  
**LIBERIA MARITIME AUTHORITY**

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**13 February 2020**

**Marine Advisory: 02/2020**

**SUBJECT: Collection and Reporting of Ship Fuel Oil Consumption Data**

**Ref:**

- (a) **Maritime Regulation 2.35**
- (b) **Regulation 22.2 of MARPOL Annex VI**
- (c) **Marine Notice POL-009**
- (d) **MEPC Resolution 292(71)**
- (e) **Marine Operations Note 02/2018**

**Dear Shipowners/Operators/Masters/Verifiers:**

The purpose of this Advisory is to remind all Shipowners, Operators and Masters that within three (3) months after the end of 2019 (i.e. January to March 2020) and each subsequent calendar year or portion thereof, each ship of 5,000 gross tonnage and above shall report to the classification society verifier or the non-classification society verifier (verifier) listed in the **updated Appendix 1 of Marine Operations Note 02-2018**, the aggregated value for each datum specified in **Attachment 4 of reference (c)**, via electronic communication and using the standardized format in **Attachment 5 of reference (c)**.

In the event of the transfer of a ship from this Administration to another, the Shipowner/Operator shall on the day of completion of the transfer or as close as practical thereto report to the verifier, the data for the period of the calendar year corresponding to this Administration, as specified in **Attachment 4 of reference (c)**.

In the event of a change from one Company to another, the Shipowner/Operator shall on the day of completion of the change or as close as practical thereto report to the verifier, the data for the portion of the calendar year corresponding to the Company, as specified in **Attachment 4 of reference (c)**.

The verifier shall verify the data taking into account the Guidelines developed by the Organization in **reference (d)** and submit the verified data to the Administration using the web-service to be developed for this purpose. Upon the web-service being developed no later than 15 April 2020, the Administration will inform the Verifiers to submit the verified aggregated value for each datum specified in **Attachment 4 of reference (c)** using JSON or XML format.

The disaggregated data that underlies the reported data for the previous calendar year shall be readily accessible for a period of not less than 12 months from the end of that calendar year.

Upon satisfactory review, for reported data corresponding to the year 2019 and for each subsequent calendar year, or periods thereof, the Administration will issue a Statement of Compliance related to fuel oil consumption to the ship no later than five months from the end of that calendar year; and for reported

data corresponding to a portion of the year, the Administration will issue a Statement of Compliance related to fuel oil consumption to the ship at that time.

The Administration will transfer the reported data to the IMO Ship Fuel Oil Consumption Database via electronic communication and using a standardized format developed by the Organization not later than one month after issuing the Statements of Compliance of these ships.

For more information, please contact the Technical Department at [technical@liscr.com](mailto:technical@liscr.com) or telephone +1 703 790 3434.

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## ATTACHMENT 4

### Information to be submitted to the IMO Ship Fuel Oil Consumption Database

Identity of the ship

IMO number

Period of calendar year for which the data is submitted

Start date (dd/mm/yyyy)

End date (dd/mm/yyyy)

Technical characteristics of the ship

Ship type, as defined in regulation 2 of this Annex or other (to be stated)

Gross tonnage (GT)<sup>1</sup>

Net tonnage (NT)<sup>2</sup>

Deadweight tonnage (DWT)<sup>3</sup>

Power output (rated power<sup>4</sup>) of main and auxiliary reciprocating internal combustion engines over 130 kW (to be stated in kW)

EEDI (if applicable)

Ice class<sup>5</sup>

Fuel oil consumption, by fuel oil type<sup>6</sup> in metric tonnes and methods used for collecting fuel oil consumption data

Distance travelled

Hours underway

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<sup>1</sup> Gross tonnage should be calculated in accordance with the International Convention on Tonnage Measurement of Ships, 1969.

<sup>2</sup> Net tonnage should be calculated in accordance with the International Convention on Tonnage Measurement of Ships, 1969. If not applicable, note "N/A".

<sup>3</sup> DWT means the difference in tonnes between the displacement of a ship in water of relative density of 1025 kg/m<sup>3</sup> at the summer load draught and the lightweight of the ship. The summer load draught should be taken as the maximum summer draught as certified in the stability booklet approved by the Administration or an organization recognized by it.

<sup>4</sup> Rated power means the maximum continuous rated power as specified on the nameplate of the engine.

<sup>5</sup> Ice class should be consistent with the definition set out in the *International Code for ships operating in polar waters (Polar Code)*, (resolutions MEPC.264(68) and MSC.385(94)). If not applicable, note "N/A".

<sup>6</sup> As defined in the *2014 Guidelines on the method of calculation of the Attained Energy Efficiency Design Index (EEDI) for new ships* (resolution MEPC.245(66), as amended) or other (to be stated).

## ATTACHMENT 5

### STANDARDIZED DATA REPORTING FORMAT FOR THE DATA COLLECTION SYSTEM

Method used to measure fuel oil consumption <sup>9</sup>	Other(.....)	Fuel oil consumption (t)	Ethanol (Cf: 1.913)	LPG (Butane) (Cf: 3.030)	Hours underway (h)	Distance Travelled (nm)	Methanol (Cf: 1.375)	LPG (Propane)	Power output (rated power) (kW) <sup>8</sup>	LNG (Cf: 2.750)	HFO (Cf: 3.114)	Ice class <sup>7</sup> (if applicable)	LFO (Cf: 3.151)	Auxiliary Engine(s)	EEDI (if applicable) <sup>6</sup>	Diesel/Gas Oil (Cf: 3.206)	Main Propulsion Power	DWT <sup>5</sup>	NT <sup>4</sup>	Gross tonnage <sup>3</sup>	Ship type <sup>2</sup>	IMO number <sup>1</sup>	End date (dd/mm/yyyy)	Start date (dd/mm/yyyy)

- <sup>1</sup> In accordance with the *IMO Ship Identification Number Scheme*, adopted by the Organization by resolution A.1078(28).
- <sup>2</sup> As defined in regulation 2 of MARPOL Annex VI or other (to be stated).
- <sup>3</sup> Gross tonnage should be calculated in accordance with the International Convention on Tonnage Measurement of Ships, 1969.
- <sup>4</sup> NT should be calculated in accordance with the International Convention on Tonnage Measurement of Ships, 1969. If not applicable, note "N/A".
- <sup>5</sup> DWT means the difference in tonnes between the displacement of a ship in water of relative density of 1025 kg/m<sup>3</sup> at the summer load draught and the lightweight of the ship. The summer load draught should be taken as the maximum summer draught as certified in the stability booklet approved by the Administration or an organization recognized by it.
- <sup>6</sup> EEDI should be calculated in accordance with the *2014 Guidelines on the method of calculation of the attained Energy Efficiency Design Index (EEDI) for new ships*, as amended, adopted by resolution MEPC 245(66). If not applicable, note "N/A".
- <sup>7</sup> Ice class should be consistent with the definition set out in the *International Code for ships operating in polar waters (Polar Code)*, adopted by resolutions MEPC.264(68) and MSC.385(94)). If not applicable, note "N/A".
- <sup>8</sup> Power output (rated power) of main and auxiliary reciprocating internal combustion engines over 130 kW (to be stated in kW). Rated power means the maximum continuous rated power as specified on the nameplate of the engine.
- <sup>9</sup> Method used to measure fuel oil consumption: 1: method using BDNs, 2: method using flow meters, 3: method using bunker fuel oil tank monitoring.