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MERCHANT SHIPPING SECRETARIAT
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Notice to All Ship-Owners, Operators, Training Institutes, Masters of Sri Lankan Flagged Ships, and Recognized Organizations.

Merchant Shipping Notice (MSN) on the IMO Data Collection System (DCS) for Fuel Oil Consumption

References:

- (a) **MARPOL**, *International Convention for the Prevention of Pollution from Ships, Consolidated Edition 2017*, as amended
- (b) **IMO Resolution MEPC.292(71)**, *2017 Guidelines for Administration verification of ship fuel oil consumption data*
- (c) **IMO Resolution MEPC.278(70)**, *Amendments to MARPOL Annex VI (Data Collection System for Fuel Oil Consumption)*, adopted 28 October 2016
- (d) **IMO Resolution MEPC.282(70)**, *2016 Guidelines for the Development of a Ship Energy Efficiency Management Plan (SEEMP)*, adopted 28 October 2016
- (e) **IMO Circular MEPC.1/Circ.795/Rev.2**, *Unified Interpretations to MARPOL Annex VI*, issued 01 December 2014
- (f) **IMO Circular MEPC.1/Circ.850/Rev.2**, *2013 Interim Guidelines for Determining Minimum Propulsion Power to Maintain the Maneuverability of Ships in Adverse Conditions (Consolidation of IMO Resolutions MEPC.232(65), MEPC.255(67), and MEPC.262(68))*, issued 15 July 2015
- (g) **IMO Circular MEPC.1/Circ.866**, *2014 Guidelines on the Method of Calculation of the Attained Energy Efficiency Design Index (EEDI) for New Ships (Consolidation of IMO Resolutions MEPC.245 (66), MEPC.263 (68), and MEPC.281 (70))*, issued 30 January 2017
- (h) **IMO Circular MEPC.1/Circ.876** Sample Format for The Confirmation of Compliance, Early Submission of the SEEMP Part II on the Ship Fuel Oil Consumption Data Collection Plan and its timely Verification Pursuant to Regulation 5.4.5 Of MARPOL Annex VI

1.0 Purpose

- 1.1 The 70th session of the IMO's Marine Environment Protection Committee (MEPC 70) adopted Resolution MEPC.278 (70), whereby it is mandatory for ships to collect and report their fuel oil consumption data from 01 January 2019 onwards under MARPOL Annex VI as amended.
- 1.2 This MSN provides information and guidance on the IMO Data Collection System (DCS) for Fuel Oil Consumption in accordance with the Regulation 22A of MARPOL Annex VI.

2.0 Applicability

- 2.1 Even though Sri Lanka is a non-Party to the Annex VI of the International Convention for the Prevention of Pollution from Ships, 1973 (MARPOL Convention), subsequently modified by the Protocol of 1978, Parties to the Convention shall apply the requirements of the present regulations of the Convention as may be necessary to ensure that no more favorable treatment is given with respect to the Sri Lankan flagged ships.
- 2.2 Unless expressly provided otherwise, this requirement shall apply to all Sri Lanka-registered ships of 5,000 or more gross tonnage and above, except:
 - a) Ships solely engaged within the coastal waters of Sri Lanka;
 - b) Ships not propelled by mechanical means; and
 - c) Platforms including Floating, Production, Storage and Off-loading vessels (FPSOs), Floating Storage Units (FSUs) and drilling rigs.

3.0 Requirements

3.1 Ship Fuel Oil Consumption Data Collection Plan (Part II of SEEMP)

- .1 On or before 31 December 2018, the Ship Energy Efficiency Management Plan (SEEMP) Part II – Ship Fuel Oil Consumption Data Collection Plan of all applicable ships shall include a description of the methodology that will be used to collect the data required by Regulation 22A of MARPOL Annex VI, and the processes that will be used for reporting of data to any of the Recognized Organizations (ROs) approved by the Merchant Shipping Secretariat (MSS).
- .2 The SEEMP Part II must be developed in accordance with the 2016 Guidelines of the development of a SEEMP. Please refer to Resolution MEPC.282 (70) (in particular, Section 6 onwards and Appendix 2 of the guidelines).
- .3 Prior to the collection of data under Regulation 22A of MARPOL Annex VI, the methodology and processes sections of the ship's SEEMP Part II must be submitted to any of the approved ROs for review. Upon satisfactory review, the approved RO will provide a confirmation of compliance for the ship's SEEMP Part II. This confirmation of compliance must be retained on board the ship.
- .4 A sample format of the confirmation of compliance can be found in MEPC.1/Circ.876.

- .5 The review of SEEMP Part II and issuance of the confirmation of compliance can be carried out by any of approved ROs and need not necessarily be the same approved RO that issues the ship's International Energy Efficiency Certificate (IEEC).
- .6 Companies are strongly encouraged to submit their ships' SEEMP Part II to an approved RO of their choice on or before 1st December 2018 to ensure smooth implementation of the IMO DCS and to avoid any backlog that may delay the ship's collection and reporting of data.

3.2 Collection, reporting and verification of ship fuel oil consumption data

Collection and verification of data

- .1 All applicable Sri Lanka-registered ships that are 5000 or more gross tonnage are required to collect the data specified in Appendix IX of MARPOL Annex VI, for calendar year 2019 (e.g. 01st January until 31st December 2019), and each subsequent calendar year or portion thereof, as appropriate, according to the methodology in SEEMP Part II.
- .2 The ship must aggregate the data collected or portion thereof, as appropriate, and submit them to any of the approved ROs within three months after the end of each calendar year (e.g. before 31st March 2020 for the calendar year 2019 data). The data collected must be submitted electronically using a standardized format approved by an approved RO.
- .3 The verification of data can be carried out by any of the approved ROs and need not necessarily be the same RO that issues the ship's International Energy Efficiency Certificate (IEEC) or the ship's confirmation of compliance for SEEMP Part II.

Transfer/change of ship

- .4 In the event that there is a transfer/change of a ship from
 - a) one flag administration to another,
 - b) one company to another,
 - c) or one approved RO to another; the reporting of the data must be done in accordance to Regulation 22A of MARPOL Annex VI (in particular, Regulation 22A.4 – Regulation 22A.6).

List of required documents to facilitate data verification

- .5 Aside from the aggregated fuel consumption data mentioned in paragraph 3.2.2 of this MSN, ship owners, managers and operators are required to submit the following list of documents to facilitate data verification by an approved ROs in accordance with Res.MEPC.292 (71):
 - a) A copy of the ship's Data Collection Plan;
 - b) Summaries of Bunker Delivery Notes (BDNs) with sufficient details to show that all fuel oil consumed by the ship is accounted for. Refer the sample form of BDN summary set out in appendix 1 of the Res.MEPC.292 (71));

- c) Summaries of disaggregated data of fuel oil consumption, distance travelled and hours underway, in a format specified by the Administration. Refer the sample form of data summary set out in appendix 2 of the Res.MEPC.292 (71);
- d) Information to demonstrate that the ship followed the Data Collection Plan set out in its SEEMP, including information on data gaps and how they were filled as well as how the event that caused the data gap was resolved; and
- e) Copies of documents containing information on the amount of fuel oil consumption, distance travelled and hours underway for the ship's voyages during the reporting period (e.g. the ship's official logbook, oil record book, BDNs, arrival/noon/departure reports, etc.).

Statement of Compliance

- .6 Upon receipt of the reported ship's fuel oil consumption data and accompanying documents (i.e. the documents listed in paragraph 3.2.5 of this MSN), an approved RO will verify if the data has been reported in accordance with Regulation 22A of MARPOL Annex VI with reference to the *2017 Guidelines for Administration Verification of Ship Fuel Oil Consumption Data in accordance with the Res. MEPC. 292(71)*). Upon verification, the approved RO will issue a Statement of Compliance related to fuel oil consumption of the ship no later than five months from the beginning of the calendar year.
- .7 The Statement of Compliance is valid for the whole calendar year in which it is issued and the first five months of the following calendar year. All Statements of Compliance must be kept on board during the entire period of its validity.
- .8 A sample form of the Statement of Compliance can be found in Appendix X to MARPOL Annex VI amended in accordance with the Resolution MEPC.278 (70).
- .9 The approved RO will ensure that the reported data is transferred to the IMO Ship Fuel Oil Consumption Database not more than one month after issuance of the Statement of Compliance.
- .10 The disaggregated data, which is the basis for the reported aggregated data, must be retained for a minimum period of 12 months starting from the end of the calendar year and made available to MSS upon request.
- .11 MSS may request the company to submit documents in addition to the list in paragraph 3.2.5 of this MSN for a comprehensive review of the ship's annual fuel oil consumption taking into consideration the distance travelled and hours underway. All data and identities reported will be treated as confidential and are strictly restricted to the MSS for analysis and considerations.

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