



Technical Circular

No.: 071/2018

Date: 14th September 2018

To Whomsoever it may concern

Subject: Data collection system for fuel oil consumption of ships.

- The Marine Environment Protection Committee (MEPC) at its 70th session adopted amendments to MARPOL Annex VI vide MEPC Resolution 278(70), regarding a data collection system for fuel consumption of ships. A new regulation 22A is inserted in MARPOL Annex VI, Ch.4 on “Collection and reporting of ship fuel oil consumption data”. and
- The Guidelines for developing SEEMP have been revised and the new “2016 Guidelines for the Development of a Ship Energy Efficiency Management Plan (SEEMP) were adopted vide resolution MEPC 282(70).
- The amendment to MARPOL Annex VI entered into force on 1st March 2018. The data collection system for fuel consumption is applicable from 1st January 2019 for ship of 5000GT and above.
- The ship’s Ship Energy Efficiency Management Plan (SEEMP) will have to be updated by 31st December 2018 to include a description of the methodology that will be used to collect the data and the processes that will be used to report the data to the ship’s Administration.
- The SEEMP is to be reviewed by RO or administration to ensure that each ship SEEMP complies to regulation 22.2. On successful verification of SEEMP, a “Confirmation of Compliance” will be issued which is to be placed onboard ship.
- As per the new regulation, from 1st January 2019 each ship of 5,000 GT and above on international voyages shall collect the data according to the methodology included in the Part II of the SEEMP and submit the information as specified below:
 - Identity of the ship
 - ✓ IMO number
 - Technical characteristics of the ship
 - ✓ Ship type
 - ✓ GT
 - ✓ NT
 - ✓ DWT
 - ✓ Power output (rated power) of main and auxiliary engines reciprocating internal combustion engines over 130 kW (to be stated in kW)
 - ✓ EEDI (if applicable)
 - ✓ Ice class (if applicable)



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- Fuel consumption, by fuel type, in metric tonnes and methods used for collecting fuel consumption data
- Distance travelled
- Hours underway
- The aggregated value of above data for each calendar year will have to be reported within three months after the end of each calendar year, to ship's Administration or RO. This reporting would be via electronic communication and using a standardized format. Upon receipt of reported data, the Administration or RO will verify that it is in compliance with regulation 22A and issue a Statement of Compliance (SoC).
- Normally, the SoC will be valid for the calendar year in which it is issued and for the first five months of the following calendar year. It is to be kept on board for at least the period of its validity.
- The verified fuel oil consumption data will be transferred by the Administration or an RO on behalf of the Administration to the IMO Ship Fuel Oil Consumption Database via electronic communication and by a standardized format developed by IMO, not later than one month after issuing the "Statement of Compliance – Fuel Oil Consumption reporting".
- In case of vessel changing company/flag, in that condition reporting of data will be as follows
 - a) Transfer of a ship from one Administration to another.
 - The ship shall on the day of completion of the transfer or as close as practical thereto, report to the losing Administration or its RO, the aggregated data (and upon prior request of that Administration, the disaggregated data) for the period of the calendar year corresponding to that Administration.
 - b) Change from one Company to another.
 - The ship shall on the day of completion of the change or as close as practical thereto report to its Administration or its RO the aggregated data (and upon prior request of that Administration, the disaggregated data) for the portion of the calendar year corresponding to the Company.
 - c) Change from one Administration to another and from one Company to another concurrently
 - The ship shall on the day of completion of the transfer or as close as practical thereto report to the losing Administration or its RO, the aggregated data (and upon prior request of that Administration, the disaggregated data) for the period of the calendar year corresponding to that Administration.

- The time line for the IMO data collection system is summarized below.

Dates	Activity	Responsibility	Reference Document
1 st March 2018 – 1 st Sept 2018	SEEMP Part II (Data Collection Plan) to be prepared and submitted to Flag/RO	Shipping Company	Format as per Appendix 2 of MEPC 282(70) – 2016 G/L for the development of SEEMP
31 Dec 2018	Updated and Endorsed SEEMP to be available onboard, along with Confirmation of Compliance(CoC)	-SEEMP review and issuance of Confirmation of compliance by Flag / RO	MEPC 282(70)
1st Jan 2019 – 31st Dec 2019	Collect data on fuel consumption, distance travelled and hours underway, in accordance with SEEMP	Each Ship of the Shipping Company as required by Reg.	<ul style="list-style-type: none"> • SEEMP • Appendix IX of MARPOL Annex VI [MEPC Res. 278(70)]
31st March 2020	Aggregated annual data to be reported to the Administration / RO in standard format	Shipping Company	<ul style="list-style-type: none"> • Appendix 3 of MEPC 282 (70)
31st May 2020	Data to be verified according to IMO Guidelines MEPC 292 (71) and a Statement of Compliance as per format in Appendix X of MARPOL Annex VI, will be issued by Administration / RO	Flag / RO	<ul style="list-style-type: none"> • MEPC 292 (71) • Appendix X of MARPOL Annex VI
Within 1 month of issuing SOC	Administrations or RO will transfer this data to IMO Ship Fuel Oil Consumption Database.	Flag / RO	<ul style="list-style-type: none"> • MEPC 278 (70) • MEPC 282 (70)(App.3)

- While above provides the IMO requirements, any flag state specific instruction is also to be complied with.
- Ship owners and operators are advised to be guided by above.

Enclosure:

1. IMO Resolution MEPC. 278(70)

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