



TECHNICAL CIRCULAR

Our Ref: - 3/2018

Date: - 17/04/2018

Subject: - Data Collection System (DCS) for Fuel Oil Consumption of Ships [Amendments to MARPOL Annex VI]

1. Introduction

- 1.1. On 1st March 2018, the amendments to MARPOL Annex VI, Regulation 22A, on the fuel oil data collection of ships came into force.
- 1.2. Under the new Regulation 22A on Collection and Reporting of ship fuel oil consumption data, ships of 5,000 gross tonnage (GT) and above are required to collect consumption data for each type of fuel oil they use, as well as other, additional, specified data including proxies for transport work. These ships account for approximately 85% of CO₂ emissions from international shipping.
- 1.3. In addition, on or before 31st December 2018, in the case of a ship of 5,000 gross tonnage and above, the mandatory Ship Energy Efficiency Management Plan (SEEMP) shall 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 flag State.
- 1.4. The aggregated data will be reported to the flag State or RO after the end of each calendar year and the flag State or RO, having determined that the data has been reported in accordance with the requirements, will issue a Statement of Compliance to the ship.

2. IMO DCS Implementation

- 2.1. SEEMP to include Ship Fuel Oil Consumption Data Collection Plan (DCP) providing a description of methodology that will be used to collect the data required by MARPOL Annex VI Regulation 22A.
- 2.2. Review of SEEMP on or before 31st December 2018 by Flag Administration or RO and issuance of confirmation of compliance.
- 2.3. Data Collection on or after 1st January 2019.
- 2.4. Aggregate and reporting the data to flag administration or RO within three months after the end of each calendar year.
- 2.5. Verification of Reporting data by Flag Administration or RO and issuance of Statement of Compliance within five months after the end of each calendar year.
- 2.6. Flag Administration to ensure that reported data is transferred to IMO Ship Fuel Oil Consumption database within one month after issuing statement of compliance.



Following information as per Appendix IX of MEPC.278(70) to be submitted to 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

Gross tonnage (GT)

Net tonnage (NT)

Deadweight tonnage (DWT)

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

EEDI (if applicable)

Ice class

Fuel oil consumption, by fuel oil type in metric tonnes and methods used for collecting fuel oil consumption data -

Distance travelled -

Hours underway -

3. Ship Energy Efficiency Management Plan (SEEMP)

3.1. Ship Fuel Oil Consumption Data Collection Plan (DCP) as SEEMP Part II to be prepared in accordance with MEPC. 282(70).

3.2. With respect to part II of the SEEMP, MEPC.282(70) Guidelines provide guidance for developing a ship-specific method to collect, aggregate, and report ship data with regard to annual fuel oil consumption, distance travelled, hours underway and other data required by regulation 22A of MARPOL Annex VI to be reported to the Administration.

4. Information for Ship Owner/manager

It is recommended that Ship Fuel Oil Consumption Data Collection Plan (DCP) as SEEMP Part II for applicable ships to be submitted for review.