



CIRCULAR MCO – 010/2018

DATE: 22-06-2018
FROM: MCO HEAD OFFICE – TECHNICAL DEPARTMENT
TO: OWNERS /MANAGEMENTS/SURVEYORS.
SUBJECT: *IMO DATA COLLECTION SYSTEM (DCS)*
Reference: MARPOL
Res MEPC 282(70), MEPC.1/Circ.876, MEPC270(70)

Dear All:

PURPOSE

The amendments to MARPOL Annex VI, Regulation 22A, on the fuel oil data collection of ships (IMO DCS) came into force on 1st March 2018.

Starting **from 1st January 2019**, ships of 5,000 Gross Tonnage (GT) or above shall collect fuel consumption data, hours underway and distance travelled according to procedures, systems and responsibilities to be outlined in a Data Collection Plan (DCP) within the Ship Energy Efficiency Management Plan (SEEMP) Part II.

OVERVIEW

The DCP shall be prepared in accordance with the [2016 Guidelines for the Development of a Ship Energy Efficiency Management Plan](#) adopted by Resolution MEPC.282 (70), shall be submitted to the Flag Administration or any organization duly authorized by it by 1st September 2018 for a review that must be completed by 31st December 2018.

A Confirmation of Compliance is issue confirming the successful review of the DCP, which should be kept on board for the period of its validity.

DATA COLLECTION PLAN (DCP)

The DCP is a plan that describes the ship's particulars as well the procedures, systems and responsibilities used to monitor fuel consumption, hours underway and distance travelled. The DCP must be created within the Part II of the Ship Energy Efficiency Management Plan (SEEMP) and be available on-board the vessel.

The DCP consists in only nine sections:

1. Ship particulars
2. Record of revision of Fuel Oil Consumption Data Collection Plan
3. Ship engines and other fuel oil consumers and fuel oil types used

4. Emission factor
5. Method to measure fuel oil consumption
6. Method to measure distance travelled
7. Method to measure hours underway
8. Processes that will be used to report the data to the Administration
9. Data quality

The template of the Confirmation of Compliance of the SEEMP Part II (DCP) can be found in the *MEPC.1/Circ.876* attached for your reference.

The template of the DCP can be found in the *Guidelines for the development of a SEEMP (MEPC.282(70))* attached for your reference

THE FUEL OIL DATA REPORT

After the end of the monitoring period (2018), every ship of 5000 GT or above shall prepare a fuel oil data report using a standardized data-reporting format provided by IMO.

The fuel oil data report requires the following elements:

- method used to measure fuel oil consumption
- fuel consumption for each type of fuel
- hours underway
- distance travelled
- power output (auxiliary engine(s) and main propulsion power
- ice class (if applicable), EEDI, DWT, NT, GT, ship type, IMO number, start and end dates

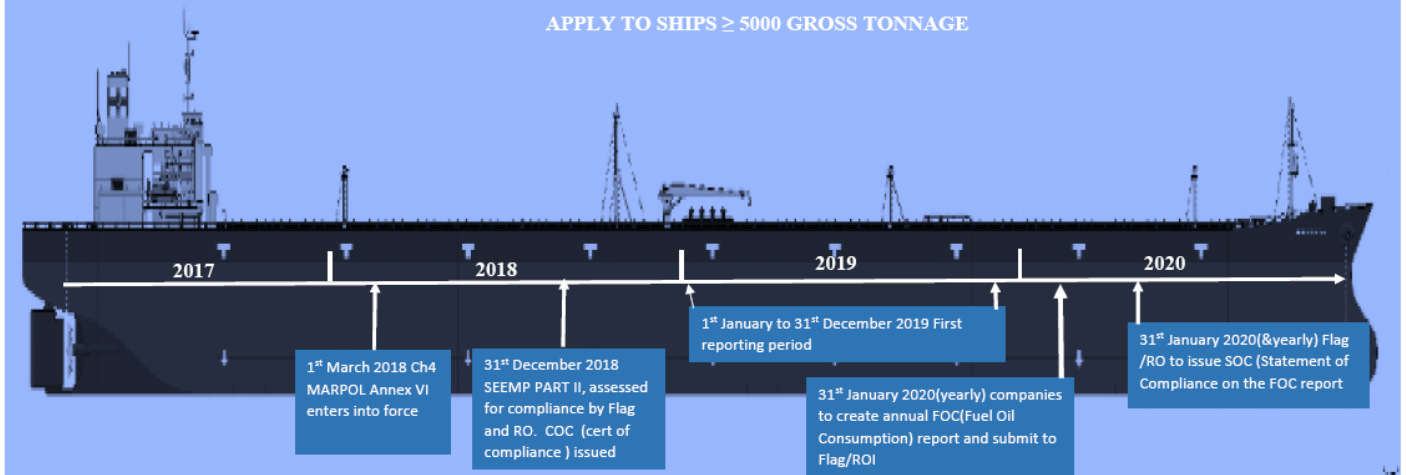
The fuel oil data report shall be submitted to the Flag Administration or any organization duly authorized by it for verification.

The standardized data reporting format can be found in the *Guidelines for the development of a SEEMP (MEPC.282(70))* attached for your reference

The template of the Statement of Compliance for the fuel oil data report can be found in the IMO Resolution MEPC270(70) attached for your reference

IMO DATA COLLECTION SYSTEM (DCS)

APPLY TO SHIPS ≥ 5000 GROSS TONNAGE



Please confirm of safe receipt and understanding.

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