

IMOFUEL OIL CONSUMPTION DATA COLLECTION

Application: Owners and operators of ships that are subject to air emission controls under MARPOL Annex VI

Amendments to MARPOL Annex VI requiring mandatory fuel oil consumption data collection and reporting were adopted in 2016 and will enter into force on **1 March 2018**, with the first reporting period being for the **2019 calendar year**. The LR notice describing this process is concise and is reproduced below:

IMO has previously agreed to address ship energy efficiency through a three-step approach:

1. Data collection
2. Data analysis
3. Deciding on what further measures, if any, are required

The recent IMO MEPC 70 meeting worked on the data collection stage and adopted amendments to MARPOL Annex VI, Chapter 4. These mean that:

- Ships of 5,000 GT and above will be required to submit to their Administration annual reports on fuel consumption and transport work parameters, via a methodology to be included in the Ship Energy Efficiency Management Plan (SEEMP).
- Upon verification of the submitted data, the Administrations will issue to the ships a Statement of Compliance related to fuel oil consumption.
- Finally, the Administrations will submit aggregate data to the IMO, which will maintain an anonymised IMO Ship Fuel Oil Consumption Database.

Ships will need to use a standardised reporting format, developed by the IMO, to submit data on:

- Identity of the ship
 - IMO number
- 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 (kW)
 - Energy Efficiency Design Index (EEDI) (if applicable)
 - Ice class (if applicable)
- Fuel oil consumption, by fuel oil type, in metric tonnes, and methods used for collecting fuel oil consumption data
- Distance travelled
- Hours under way

Shipowners and operators will need to start considering the means for collecting the fuel oil consumption data that is most appropriate for each ship and updating the SEEMPs of their ships to reflect this process.

Additional IMO guidance

MEPC 70 adopted the text of a resolution on **2016 Guidelines for the development of a Ship Energy Efficiency Management Plan (SEEMP)** which supersedes the 2012 Guidelines (MEPC.213(63)).

The IMO is also developing **Draft Guidelines for Administration data verification procedures** in order to assist Administrations with the verification of the reported data and the issuance of the Statement of Compliance. MEPC 71 finalised and adopted these guidelines