

**Circular 169/ 2018**

**To: Owners, Technical Managers, Deputy Registrars, Fleet Managers, Surveyors, Recognised Organisations**

**Subject: MARPOL Annex VI – Fuel Oil Consumption Data Collection**

**Date: 12th April 2018**

**Attachments:** [IMO Resolution MEPC.278\(70\): Amendments to MARPOL Annex VI \(Data collection system for fuel oil consumption of ships\)](#)

### **Summary**

#### **Overview:**

This circular aims to inform technical managers about the amendments to MARPOL Annex VI detailed in the following reference document, which entered into force on 1 March 2018: [IMO Resolution MEPC.278\(70\)](#) which should be read in conjunction with –

- [IMO Resolution MEPC.282\(70\): 2016 Guidelines for the development of a Ship Energy Efficiency Management Plan \(SEEMP\);](#)
- [IMO Resolution MEPC.292\(71\): 2017 Guidelines for Administration Verification of Ship Fuel Oil Consumption Data;](#)
- [IMO Resolution MEPC.293\(71\): 2017 Guidelines for the Development and Management of the IMO Ship Fuel Oil Consumption Database;](#)

#### **Application**

This circular applies to all Cook Islands flagged vessels of 5000 gross tonnage and above, except -

- ships not propelled by mechanical means;
- platforms, including FPSOs and FSUs and drilling rigs, regardless of their propulsion;
- ships operating exclusively in Cook Islands waters, provided that such ships are constructed and act in a manner consistent with MARPOL Annex VI Chapter 4, so far as is reasonable and practicable.

The main amendment is the introduction of Regulation 22A – Collection and reporting of ship fuel oil consumption data; further information is contained in the table below.

## Summary of Amendments

Amendments are listed in chronological order of their coming into force date

Comes into force	Regulation	Description	Required Action	Verification
31 December 2018	Regulation 22.2	In the case of vessels of 5,000 gross tonnage and above, to which the subject Circular applies, the Ship Energy Efficiency Management Plan (SEEMP) shall need to include a description of the methodology that will be used to collect the data required by Regulation 22A.1 of Annex VI and the processes that will be used to report the data to the ship's Administration.	Part II of the SEEMP, the "Ship Fuel Oil Consumption Data Collection Plan" ("Data Collection Plan") shall be amended in order to contain such methodology and processes (ref. IMO Resolution MEPC.282(70), Sections 6 and 7)	Cook Islands Flag Administration has delegated to Recognised Organisations to ensure on its behalf that, for each ship to which Regulation 22A applies, the SEEMP complies with regulation 22.2 of this Annex.  On successful verification, prior to the beginning of the ship's first reporting period of fuel consumption data under Regulation 22A, the Recognised Organisation shall issue a "Confirmation of Compliance", which shall be retained on board the ship (ref. Regulation 5.4.5).
1 January 2019	Regulation 22 A.1	Regulation 22A requires the collection, compilation and the reporting of fuel oil consumption, distance travelled by each ship, the hours underway for each calendar year.	From calendar year 2019, each ship of 5,000 gross tonnage and above shall collect the data specified in Appendix IX in the Resolution MEPC.278(80), for that and each subsequent calendar year or portion thereof, as appropriate, according to the methodology included in the Part II of the SEEMP.	
31 March 2020	Regulation 22 A.3		Within 31 March 2020 (and within 31 March of each subsequent calendar year) the vessel shall submit the first fuel consumption data report, detailing the aggregated value for each datum specified in appendix IX of Resolution MEPC.278(80), to the Recognised Organization classing the vessel and operating on behalf of Cook Islands Flag Administration, via electronic communication and using a standardized format, as per IMO Resolution MEPC.282(80), Appendix 2.	
31 May 2020	Regulation 6.6		The "Statement of Compliance – Fuel Oil Consumption Reporting" pursuant to Regulation 6.6 of Annex VI shall be valid for the calendar year in which it is issued and for the first five months of the following calendar year (ref. Regulation 9.12).  The "Statement of Compliance – Fuel Oil Consumption Reporting" shall be kept on board for at least the period of its validity.	By 31 May 2020 (and by 31 May of each calendar year), after determining whether the fuel consumption data has been reported in accordance with Regulation 22A.3, and if so, the Recognised Organization acting on behalf of Cook Islands Flag Administration shall issue the first "Statement of Compliance – Fuel Oil Consumption Reporting", in accordance with the Appendix X of IMO Resolution MEPC.278(80).

## Change of Flag and change of Company

### ***Ref. Regulation 22A.4***

In the event of the transfer of a ship from Cook Islands Flag Administration to another, the ship shall on the day of completion of the transfer or as close as practical thereto report to the Recognised Organisation acting on behalf of Cook Islands Flag Administration, the aggregated data for the period of the calendar year corresponding to Cook Islands Flag Administration, as specified in Appendix IX of IMO Resolution MEPC.278(80), and, upon prior request of that Recognised Organisation, the disaggregated data.

### ***Ref. Regulation 22A.5***

In the event of a change from one Company (ref. Regulation 2 Par. 49) to another, the ship shall on the day of completion of the change or as close as practical thereto report to the Recognised Organisation acting on behalf of Cook Islands Flag Administration, the aggregated data for the portion of the calendar year corresponding to the Company, as specified in Appendix IX of IMO Resolution MEPC.278(80) and, upon request of that Recognised Organisation, the disaggregated data.

***Ref. Regulation 22A.6***

In the event of change from Cook Islands Flag Administration to another and from one Company to another concurrently, Regulation 22A.4 shall apply.

***Ref. Regulation 6.7***

a) After determining whether the fuel consumption data have been reported in accordance with Regulation 22A.4, 22A.5 or 22A.6, and if so, the Recognised Organization acting on behalf of Cook Islands Flag Administration shall promptly issue the “*Statement of Compliance – Fuel Oil Consumption Reporting*”, in accordance with the Appendix X of IMO Resolution MEPC.278(80), to the ship at that time.

b) The “*Statement of Compliance – Fuel Oil Consumption Reporting*” pursuant to Regulation 6.7 of this Annex shall be valid for the calendar year in which it is issued, for the following calendar year, and for the first five months of the subsequent calendar year. (*ref. Regulation 9.12*).

c) The “*Statement of Compliance – Fuel Oil Consumption Reporting*” shall be kept on board for at least the period of its validity.

**Change of Recognized Organisation**

a) In the event of a change of Recognised Organisation on a vessel flying Cook Islands Flag: Cook Islands Flag Administration shall be promptly informed to verify that the new Recognised Organisation is authorised to carry out Fuel Oil Consumption data collection on its behalf.

b) On successful verification of Part II of SEEMP, the new Recognised Organisation shall issue a “*Confirmation of Compliance*”, which shall be provided and retained on board the ship (*ref. Regulation 5.4.5*).

c) The “*Confirmation of Compliance*” shall be issued to the vessel with the new IAPP Certificate.

**Fuel Oil Consumption Data Collection**

***Ref. Regulation 22A.9***

Cook Islands shall delegate Recognised Organisations to collect, verify fuel oil consumption data for vessels flying its Flag and transfer on its behalf 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*”.

### **Recognised Organisation**

Recognised Organisations shall have always available upon request from Cook Islands Flag Administration, with regard to all the vessels flying Cook Islands Flag, the following documentary evidence:

- *Confirmation of Compliance*;
- reviewed Part II of SEEMP;
- *Statement of Compliance – Fuel Oil Consumption Reporting*;
- electronic communication to the IMO Ship Fuel Oil Consumption Database;

### **Reporting of Fuel Consumption Data**

a) The Secretary-General of the Organization, on the basis of the reported data submitted to the IMO Ship Fuel Oil Consumption Database shall maintain an anonymized database such that identification of a specific ship will not be possible. Parties shall have access to the anonymized data strictly for their analysis and consideration.

b) In accordance with Appendix IX of MARPOL Annex VI, the following information must be included in annual cumulative fuel consumption data report:

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, as defined in regulation 2 of this Annex or other (to be stated)

Gross tonnage (GT)<sup>1</sup>

Net tonnage (NT)<sup>2</sup>

Deadweight tonnage (DWT)<sup>3</sup>

Power output (rated power<sup>4</sup>) of main and auxiliary reciprocating internal combustion engines over 130 kW (to be stated in kW)

EEDI (if applicable)

Ice class<sup>5</sup>

Fuel oil consumption, by fuel oil type<sup>6</sup> in metric tonnes and methods used for collecting fuel oil consumption data

Distance travelled

Hours underway

c) With regard to the fuel oil consumption data and methods and processes of collection, the Part II of SEEMP, “*Ship Fuel Oil Consumption Data Collection Plan*” (“*Data Collection Plan*”) shall be developed for each vessels flying Cook Islands Flag using as guidelines either:

- [IMO Resolution MEPC.282\(70\): 2016 Guidelines for the development of a Ship Energy Efficiency Management Plan \(SEEMP\), with specific reference to the APPENDIX 2;](#)
- [IMO Resolution MEPC.292\(71\): 2017 Guidelines for Administration Verification of Ship Fuel Oil Consumption Data, with specific reference to the APPENDIX 1 and 2;](#)

d) Cook Islands Flag Administration shall deem acceptable as methods of collection of fuel oil consumption data, in accordance with Regulation 22A if based at least on the followings:

- Fuel quantities bunkered as taken from Bunker Delivery Note (BDN); or
- Fuel quantities bunkered as taken from Code H entries in the Oil Record Book Part I; or
- Fuel day tank(s) sounding records; or
- Fuel meter readings; or
- Fuel quantity details based on arrival and departure notice.

e) Expired “*Statement of Compliance – Fuel Oil Consumption Reporting*” are not required to be retained beyond their expiration date, once a new Statement has been issued and delivered on board.

f) Where a vessel is not in a position to obtain a new “*Statement of Compliance – Fuel Oil Consumption Reporting*” following the end of a calendar year due to lay-up, conversion of period of inactivity, the last issued “*Statement of Compliance – Fuel Oil Consumption Reporting*” shall be retained on board for inspection.

**For further enquiries, please contact Maritime Cook Islands  
at [technical@maritimecookislands.com](mailto:technical@maritimecookislands.com)**

In case of the breakdown of flow meters, manual tank readings or other alternative methods will be conducted instead.