

## **KPI Information Update IU-99-2017** **(Ship's Fuel Oil consumption data collection system)**

Resolution MEPC.278(70) amends the Annex to the Protocol of 1997 to the International Convention for the Prevention of Pollution from Ships 1973, as amended, entering into force on 1<sup>st</sup> March 2018 upon being accepted on 1<sup>st</sup> September 2017, by addition of a new Regulation **22A** requiring that **from calendar year 2019** (period from 1 January until 31 December inclusive), each ship of 5000 gross tonnage and above shall **collect the data** specified in new Appendix IX to Annex VI (annual fuel oil consumption, distance travelled over ground, hours underway by the ship's own propulsion and other data as may be required by the Administration), for that and each subsequent calendar year or portion thereof, as appropriate, according to the **methodology** included in Part II of Energy Efficiency Management Plan (SEEMP). Reference shall be had to the 2016 guidelines for the development of a ship energy efficiency management plan (**MEPC.282 (70)**).

On or before 31 December 2018, in the case of a ship of 5000 gross tonnage and above, the SEEMP shall include a description of the **methodology that will be used to collect the data required by regulation 22A** of Annex VI and the **processes that will be used to report the data to the ship's Administration**. Part II of the guidelines for the development of a ship energy efficiency management plan (**MEPC.282 (70)**), the ship Fuel Oil

consumption Data Collection Plan (**DCP**), contains such methodology and processes (**refer to Appendix 2 of the guidelines for the standardized format of DCP**).

The Data Collection Plan (**DCP**) should include data quality control measures, which should be incorporated into the existing shipboard safety management system. Additional measures to be considered could include the procedure for identification of data gaps and correction thereof and the procedure to address data gaps if monitoring data is missing, for example, flow meter malfunctions (**MEPC.282 (70), Part II, Section 7.6**).

The Administration shall ensure that for each ship to which Regulation **22A** applies, the SEEMP contains **methodology and processes for collection and reporting of data** prior to the beginning of the ship's first reporting period. **Confirmation of compliance shall be provided to and retained on board the ship** (**Annex VI/5.4.5**).

Except where there is a change of flag, ownership or both, at the end of each calendar year, the ship shall aggregate the data collected in that calendar year or portion thereof, as appropriate.

Upon receipt of above reported data, the Administration or any organization duly

authorized by it shall determine whether the data has been reported in accordance with regulation 22A of Annex VI and, if so, issue a **Statement of Compliance** related to fuel oil consumption to the ship no later than five months from the beginning of the calendar year. In every case, the Administration assumes full responsibility for this Statement of Compliance (**Annex VI/6.6**). This Statement of Compliance shall be valid for the calendar year in which it is issued and for the first five months of the following calendar year. All Statements of Compliance shall be kept on board for at least the period of their validity (**Annex VI/9.12**). Refer to new **Appendix X to Annex VI for the form of Statement of Compliance for Fuel Oil consumption reporting**.

Except where there is a change of flag, ownership or both, within three months after the end of each calendar year, the ship shall report to its Administration or any organization duly authorized by it, the aggregated value for each datum specified in new Appendix IX to Annex VI, via electronic communication and using a standardized format contained in Appendix 3 to MEPC.282(70) (**Annex VI/22A.3**).

In the event of the 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 any organization duly authorized by it, the aggregated data for the period of the calendar year corresponding to that Administration, as specified in new

Appendix IX to Annex VI and, upon prior request of that Administration, the disaggregated data (**Annex VI/22A.4**).

In the event of a 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 any organization duly authorized by it, the aggregated data for the portion of the calendar year corresponding to the Company, as specified in new Appendix IX to Annex VI and, upon request of its Administration, the disaggregated data (**Annex VI/22A.5**).

In the event of change from one Administration to another and from one Company to another concurrently, the ship shall on the day of completion of the change or as close as practical thereto report to the losing Administration or any organization duly authorized by it, the aggregated data for the period of the calendar year corresponding to that Administration, as specified in new Appendix IX to Annex VI and, upon prior request of that Administration, the disaggregated data (**Annex VI/22A.6**).

Upon receipt of reported data pursuant to above three paragraphs, the Administration or any organization duly authorized by it shall promptly determine whether the data has been reported in accordance with regulation 22A and, if so, issue a **Statement of Compliance** related to fuel oil consumption to the ship at that time. In every case, the Administration assumes full responsibility for this Statement of

Compliance (**Annex VI/6.7**). This Statement of Compliance 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. All Statements of Compliance shall be kept on board for at least the period of their validity (**Annex VI/9.12**).

The data shall be verified according to procedures established by the Administration, taking into account guidelines to be developed by the Organization (**not issued as yet**) (**Annex VI/22A.7**).

Except where there is a change of flag, ownership or both, the disaggregated data that underlies the reported data noted in new Appendix IX to Annex VI for the previous calendar year shall be readily accessible for a period of not less than 12 months from the end of that calendar year and be made available to the Administration upon request (**Annex VI/22A.8**).

The Administration shall ensure that the reported data noted in new Appendix IX to Annex VI by its registered ships of 5000 gross tonnage and above are transferred to the IMO ship Fuel Oil consumption database via electronic communication and using a standardized format to be developed by the Organization (**not issued as yet**) not later than one month after issuing the **Statements of Compliance** of these ships (**Annex VI/22A.9**).

On the basis of the reported data submitted to the IMO Ship Fuel Oil Consumption Database, the Secretary-General of the Organization shall produce an annual report to the Marine Environment Protection Committee summarizing the data collected, the status of missing data, and such other relevant information as may be requested by the Committee (**Annex VI/22A.10**).

The Secretary-General of the Organization 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 (**Annex VI/22A.11**).

The IMO Ship Fuel Oil Consumption Database shall be undertaken and managed by the Secretary-General of the Organization, pursuant to guidelines to be developed by the Organization (**not issued as yet**) (**Annex VI/22A.12**).