

To: whom it concerns

The Notice of IMO DCS and EU MRV verification

According to the amendments to MARPOL Annex VI (MEPC 278(70)), each ship of 5,000 gross tonnage and above, engages in international voyages, shall submit the aggregated data report of report period to its Administration or any organization duly authorized by 31 March of each year. Upon the satisfactory verification, a Statement of Compliance will be issued. Moreover, as per EU MRV Regulation (EU 2015/757), by 30 April of each year, each EU MRV Regulation applicable ship shall also submit an Emission Report of report period verified as satisfactory by a verifier to the Commission and a Document of Compliance will be issued accordingly. This Society hereby remind the companies concerned shall prepare the relevant forms, documents and records for IMO DCS and/or EU MRV verification in time.

1. DATA REPORTING VERIFICATION FOR IMO DCS

Companies applying for Data Reporting verification, shall provide following electronic files:

- 1) The copy of Ship Fuel Oil Consumption Data Collection Plan (PART II OF THE SEEMP), if the SEEMP PART II was approved by other organization duly authorized;
- 2) Data report for IMO DCS (Appendix 1);
- 3) BDN summaries (Appendix 2);
- 4) The collected data summaries (Appendix 3);
- 5) All copies of BDNs in report period;
- 6) The copies of statutory logs or records with the information of fuel oil onboard, distance travelled, the time of arrival and departure of port.
 - ✧ The departure information of the last port in the year before report period;
 - ✧ The arrival information of the first port in report period;
 - ✧ The departure information of the last port in report period;
 - ✧ The arrival information of the first port in the year after report period;
 - ✧ The copies of official logbook on 1st January and 31st December of report year;

- ✧ If any, the information of anchoring or berthing for the purpose of bunkering, repair, obtaining supplies, and so on, during the voyage that extends across the data reporting period;
- 7) The relevant copies of Oil Record Book in the case of fuel oil or sludge offloaded and other documentary evidences, if any supplemental data used for closing identified difference in bunker quantity.
- 8) The company shall provide the statutory logs and records of specified sampling ships and voyages with the information of arrival of port, departure of port, anchoring and berthing during the voyage. The sampling proportion may be increased if some non-conformities or misstatements identified during the process of verification.

If necessary, this society may request the company to provide:

- 1) The copy of whole Oil Record Book of sampling ships in report period.
 - 2) The documentation that proves the SEEMP PART II has been properly implemented, and other documentation regarding the consistency of reported data and calculated values, completeness of data and reliability and accuracy of the data.
2. Emission Report verification of EU MRV:

EMSA has developed a system (<https://mrv.emsa.europa.eu>) for EU MRV, requires the companies shall register and submit annual Emission Report in this system, verifiers shall also verify and confirm the Emission Report through this system. For the detail about how to operate with this system, please consult the set of video tutorials available on <http://emsa.europa.eu/thetis-mrv-videos.html>

Besides the electronic files required by IMO DCS verification, the companies shall provide CCS the follow electronic files for review according to Regulation (EU) 2016/2072.

- 1) a list of all voyages carried out by the ship during the reporting period, regardless of the voyage was EU voyage or not. The list of voyages shall at least include the name of port, the time (GMT) of departure and arrival of ports, fuel oil consumption, distance travelled, hours underway;
- 2) a copy of emissions report of report period (Appendix 4);
- 3) a copy of the monitoring plan if the plan was approved by other verifier, including assessment report or Confirmation of Compliance.

Upon the assessment of voyages list and Emission Report, the following documents of sampling EU voyages shall be further provided by company according to Regulation (EU) 2016/2072.

- 4) copies of statutory logbook with the following information:
 - ✧ the time of arrival and departure of port;
 - ✧ fuel oil onboard (arrival and departure);

- ✧ distance travelled (arrival of port);
- ✧ cargo carried (arrival and departure);
- ✧ anchoring or berthing information during the EU voyage.

5) Copies of relevant pages of Oil Record Book.

Additionally, and if applicable on the basis of the monitoring method applied, CCS may request the company to provide:

- 1) an overview of the IT landscape showing the data-flow for the relevant ship;
- 2) evidence of the maintenance and accuracy/uncertainty of measurement equipment/flow meters (e.g., calibration certificates);
- 3) an extract of fuel consumption activity data from flow meters (apply to Method C) ;
- 4) copies of evidence of fuel tank meter readings (apply to Method A and B) ;
- 5) an extract of activity data from direct emissions measurement systems (apply to Method D);
- 6) any other information relevant to the verification of the emissions report.

3. Data and information concerned submission:

- 1) The ships who use CCS software onboard or CCS Energy Efficiency Management System (EEMS) may generate the aggregated data forms and reports required for IMO DCS and/or EU MRV verification by the software onboard or EEMS.
- 2) The companies shall audit the quality of aggregated data report before submitting it to CCS according to the requirements of SEEMP PART II and Monitoring Plan. The ships who use CCS software onboard or EEMS shall submit the data in EEMS.
- 3) Upon the satisfactory verification, the companies shall be responsible for submitting EU MRV Emission Report to Commission in EU MRV SYSTEM. CCS will submit the aggregated data report (IMO DCS) to authorities of flag states.