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To:	All Surveyors/Auditors
Applicable to flag:	All Flags
EU MRV Compliance	
Reference:	EU MRV

EU MRV Compliance

With less than two months to go until the first compliance deadline, getting ready for the new EU regulations on monitoring, reporting and verification of fuel consumption (MRV Shipping) has become top priority for shipowners and managers with operations in European waters. Participation in MRV Shipping is mandatory for merchant vessels above 5,000 GT calling at European ports. However, even if the vessels do not currently trade in Europe, the owners has to prepare their fleet for compliance anyway to continue to successfully compete for charters.

MONITORING

The 'M' in MRV stands for monitoring of CO2 emissions information and activity data.

But before you start the monitoring exercise in 2018, you will need a verified monitoring plan for each qualifying ship in your fleet.

The monitoring plan consists of a complete and transparent documentation of your vessel's MRV management and control system. It must be complete, conform and correct.

You are required to create and submit a ship-specific monitoring plan to an accredited EU MRV verifier by 31 August 2017. If you operate a vessel in Europe for the first time after this date, you will need to submit your plan without undue delay and no later than 2 months after your first call in a European port.

The Monitoring Plan Contains basic company and ship information and a detailed description of your MRV management and control system. The latter includes written procedures for the monitoring of emissions and activity data, data flow and control activities, management and responsibilities, quality insurance, IT systems and data gaps.

From 1st January 2018, the owners have to carry out the monitoring in accordance with your ship's satisfactorily assessed monitoring plan.

The monitoring is done on a per voyage basis. This means the Master must measure and record certain information for each qualifying voyage. In addition, he must aggregate the respective per voyage data to obtain annual values. The EU also requires vessels to keep track of their fuel consumption and emissions within EEA ports while at berth.

The EU gives owners some flexibility when it comes to choosing a method for bunker fuel and

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emissions monitoring. The owners are free to pick any of the four approved monitoring methods. The method must be consistently applied, once chosen. Which does not mean that he cannot use more than one method for different emission sources.

REPORTING

The 'R' in MRV stands for Reporting. It must be completed by 30 April of the year following the calendar year to which the report pertains. The owner first reporting deadline is 30 April 2019. This is the date by which you will need to submit to the European Commission a verified emissions report for the first time.

The Regulation requires owners to submit an emissions report for each ship under their responsibility. The emissions report includes data identifying the ship and the company, information on the verifier that assessed the emissions report, information on the monitoring method used and the related level of uncertainty and (most importantly) the results from the annual monitoring.

VERIFICATION

The 'V' in MRV stands for the verification. The MRV verification is performed by an accredited EU MRV verifier. The role of the verifier consists in assessing your monitoring plan, verifying your annual emissions report and issuing the document of compliance.

The verifier will check whether your monitoring plan is complete, conform and correct. This means it will check whether your monitoring plan contains all mandatory information. Your MRV management and control system will also undergo an examination. This is to check whether your system is in line with the Regulation and matches your monitoring plan description. If the verification identifies any non-conformities, you must resolve them before the start of the first reporting period by the end of 2017.

The core of the verification of an emissions report is the process and data analysis. During the process analysis, the verifier checks whether implemented procedures are in conformity with the Regulation and whether they are accurately described in the monitoring plan. Remember. This is the second time the verifier looks for non-conformities as this has already been done when assessing your monitoring plan.

During the data analysis, your verifier looks for misstatements. Misstatements can be a result of measuring, calculation, typing or transmission errors before or during the preparation of the emissions report. Those errors can be identified thanks to data testing and sampling.

REFERENCES:

- EU Monitoring Reporting Verification

ATTACHMENTS: No.

Kindest Regards,
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