

EU MRV Regulation DBS Guidance



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EU MRV Regulation

Fortification of safety and sustainability...

The Regulation /

On 1st July 2015 Regulation (EU) 2015/757 on the monitoring, reporting and verification of carbon dioxide emissions from maritime transport came into force. The Regulation aims to provide reliable information on CO2 emissions for maritime sector.

As a first step the regulation is intended to measure CO2 emissions from ships, which will then allow the EU to define reduction and accomplishment of those targets.

The Monitoring, Reporting and Verification (MRV) method is a standardized method used to produce accurate CO2 emissions inventory. The key principles of the scheme are to generate robust results using a lean approach considering parameters which are already monitored during normal operations.



Application /






Applies to **all ships above 5,000 GT** Sailing in, out and in-between EU ports



All Flag States

The Regulation does not apply to warships, naval auxiliaries, fishcatching or fishprocessing ships, wooden ships of a primitive build, ships not propelled by mechanical means and government ships used for noncommercial purposes.

The Regulation applies to commercial voyages only, which means any ship that calls at an EU port to:

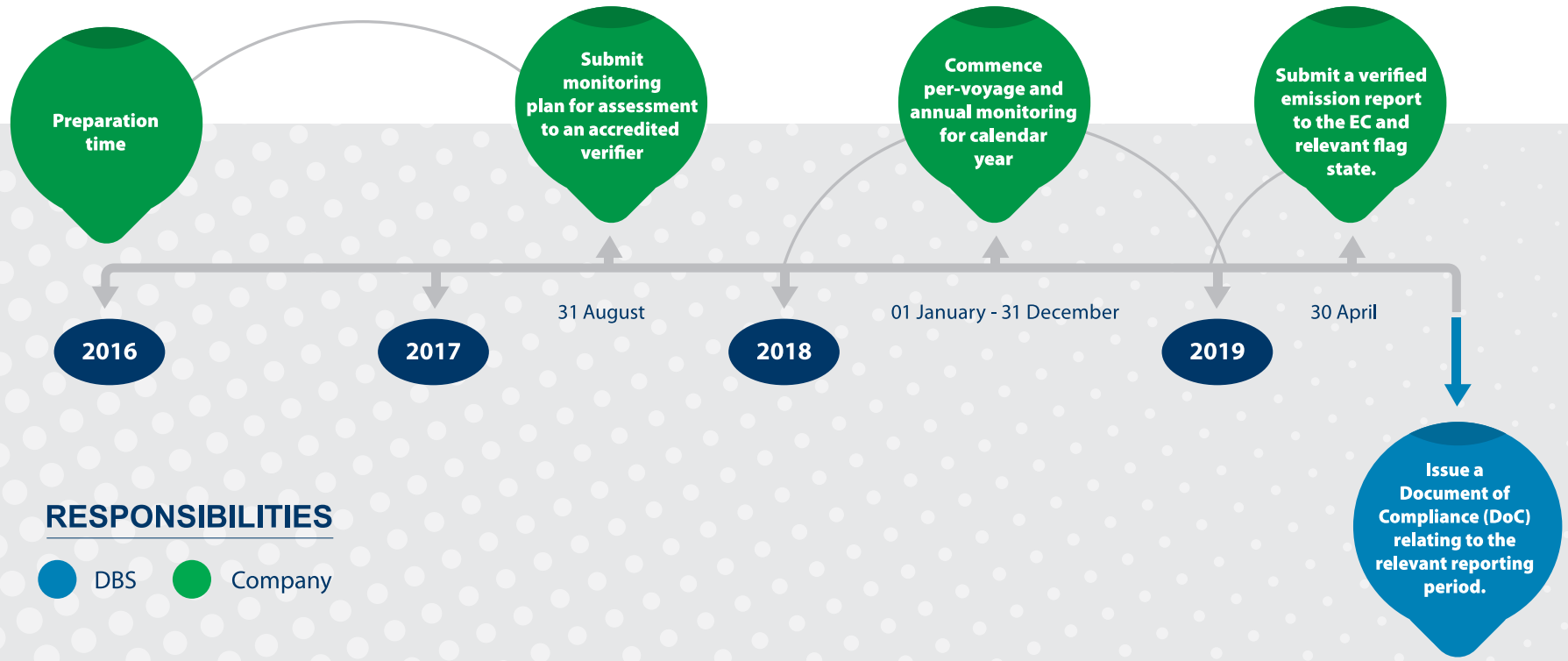
-  load/unload cargo;
-  ballast voyage; or
-  embark/disembark passengers.

Voyages within the EU and associated with bunkering, relieving crew, supply stops, dry-docking, maintenance, safe harbour, etc., are excluded from monitoring and reporting requirements.



Monitoring, Reporting & Verification (MRV) scheme

Timeframe /



RESPONSIBILITIES

- DBS
- Company

Monitoring Methods /

- ✓ Bunker fuel delivery notes
- ✓ Fuel tank sounding
- ✓ Flow meters
- ✓ Direct emission measurement

Monitoring Plan /

Each Company must produce a monitoring plan which will be used to monitor data on a per-voyage basis. This data will be

aggregated annually and reported for all voyages conducted into, out of and between EU Ports.

The monitoring plan should contain the following information:

- ~ Identification of vessel and shipping company and/or owner
- ~ Description of procedures for monitoring voyages, fuel consumption and activity date
- ~ Identification of emissions sources
- ~ Methodology for data gaps
- ~ Procedures for quality control
- ~ Description of data flows
- ~ Identification of responsibilities

Verification /

Dromon can assess the conformity of monitoring plan, emission reports and issue the Document of Compliance (DoC) to the vessel. More specifically, Dromon can verify:

- ~ Conformity of the monitoring plan against the requirements laid out in the regulation;

- ~ Conformity of the emission report with the requirements laid out in the regulation and issuance of verification report;
- ~ That emissions and other climate-related data have been determined in accordance with the monitoring plan;
- ~ Make recommendations for improvement to the monitoring plan



Parameters to be taken into account



DBS MRV Services /

- Assessment of the monitoring plan in line with Article 6 of the EU MRV Regulation, its Delegated and Implementing Regulations.
- Verification of the emissions report in line with Articles 8 to 12 of the EU MRV Regulation, its Delegated and Implementing Regulations.
- Issuance a Document of Compliance (DoC) in line with Article 17 of the EU MRV Regulation.

About DBS /

As a worldwide Organization we provide on-time and independent services to our clients. Our extensive experience in assessing the design and construction of ships and other marine related structures has established Dromon as one of the leading independent classification societies.

The efficiency and performance of Dromon is based on the skills and competency of our people. Through our research and development we ensure continues technical knowledge and

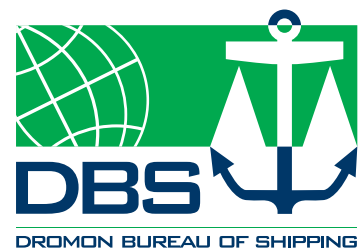
updating that focus on our mission to be meet the needs of our clients and at the same time be beneficial to the community.

We maintain a Quality Management System, assessed and registered against BS EN ISO 9001 / 17020 / 14065 and OHSAS 18001 standards. The system covers Classification and Statutory Certification of ships on behalf of flag Administrations as well as greenhouse gas emissions validation and verification activities for the maritime transport.



DBS mission /

The Mission of Dromon Bureau of Shipping is to satisfy the needs of its clients within the wider spectrum of enhancing safety of life and property, as well as environmental protection, through the provision of classification, statutory and greenhouse gas emissions quality oriented services and the application of recognized standards and sound technical judgment.



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