MRV SERVICES

THE PROPER TOOLS FOR COMPLIANCE WITH MRV REGULATION.

- > MRV Compliance solutions for vessels ≥ 5000 GT
- > Validation/Verification according to ISO 14065
- > Outstanding service by an independent and accredited company
- > Management Solutions for MRV

NOVERITAS[®]

Dedicated to innovation

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EU MRV Legislation

MRV is a legislation created by the European Council. It has the goal of monitoring Greenhouse Gases emissions of maritime means of transportation, in particular CO₂.

MRV is directed to...

... big pollutants namely, **ships with 5000 GT or higher**, ships for commercial purposes (carrying passengers or cargo), regardless of the flag or country of the shipowner.

MRV monitors...

- > CO₂ emissions;
- > Fuel consumption at sea and berth;
- > Voyage data;
- > Energy efficiency parameters;
- > Emissions sources.



Shipowners must...

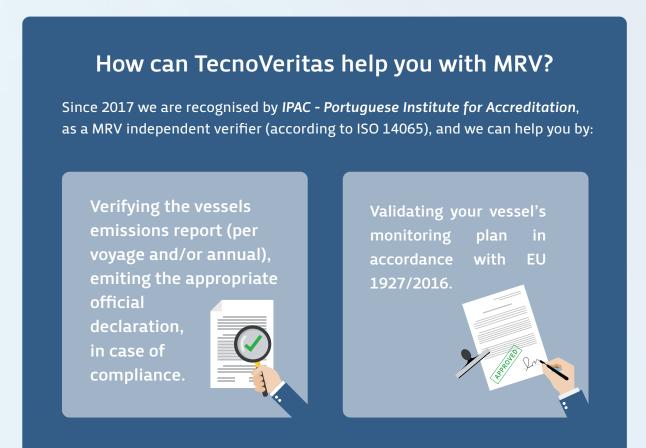
- > Develop a monitoring plan (per voyage/ annual);
- Provide to the verifiers emissions data and ships activity data;
- Provide certificates of flowmeters and emissions source;
- > Provide procedures and calculations;
- > Have their emissions reports verified;
- > Carry on board a Document of Compliance.

Verifiers must...

- Check the client's monitoring plan, assuring its content and compliance with requirements;
- Define a sampling plan, and the nature and extension of its activities;
- Assess the emissions report, verify data credibility and compare estimations;
- > Be impartial, independent, capable and accredited;
- > Identify and evaluate the risks.

In case of non-compliance with the legislation there are penalties:

- > The ship owners will be sanctioned in first instance;
- > In case of non-compliance for two or more consecutive years ship owners may be banished by the Member State of the port of entry or from entering any EU port.



Other TecnoVeritas Solutions to assist you...

- > VEEO Initial (Seatrade Awards Winner) collects the data to analyse ships performance. It can creat an Automatic MRV Report.
- > BOEM-S, a cloud based software, allows the access to realtime and meaningfull data, generating customized reports.

ABOUT TECNOVERITAS

TecnoVeritas is a specialist provider of engineering services and solutions to the shore and marine industries, with more than 20 years of experience.

Headquartered in Portugal with a global reach, TecnoVeritas is focussed on emissions and energy management, and has a strong track record of delivering high quality solutions combining innovation with world leading technical expertise.

Dedicated to innovation

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WINNER Clean Shipping

