



MRV

Monitoring Reporting and Verification

Zephyr Launched a MRV turnkey service for shipping companies

Maritime transport has an impact on the global climate and on air quality, as a mainly result of the carbon dioxide (CO₂) emissions.

Based on Regulation (EU) of 29 April 2015, all the ships that meet certain characteristics, should monitor, report and verify their carbon dioxide emissions along journeys that take place within the european marine borders.

In partnership with Carbon Sink, we have developed a turnkey service, called MRV HELP DESK, which supports shipping companies in all regulation's fulfillments, from creation of a Monitoring Plan to data collection till achievement of Document of Compliance.

Our solutions:

- A turnkey service to simplify compliance for MRV regulation for shipping companies
- Reduce time consuming activities and tasks for technical offices
- MRV HELP DESK on line portal to simplify data collection and sharing, monitoring plan fulfillement and verification procedures
- Direct assistance in all verification steps

Data to be monitored

CO₂ emissions



Fuel consumption at sea



Fuel consumption at berth

Other relevant information



Transport Work



Distance Travelled



Cargo carried



Energy Efficiency



Time at sea

MRV Road MAP

By 31 august 2017



On board by 30 june 2019



Service description

The supply covered by this proposal is a technical consultation for the implementation of a Monitoring Plan as described in the Regulation (EU) 2015/757 of the European Parliament and of the Council of 29 April 2015.

The Monitoring Plan consist of a complete and transparent documentation of the monitoring method for the ships and it indicates the method chosen to monitor and report CO2 emissions and other relevant information.

Under our proposal, the following activities are foreseen:

1. Development of a dedicated data collection spreadsheet
2. A site visit where is selected the appropriate monitoring methodology and all the required data for the Monitoring Plan are collected
3. Preparation and editing of a Monitoring Plan
4. Assessment of the Monitoring Plan
5. MRV READY for submission of verified information to a Verifier

Development of
a data collection
spreadsheet

Site Visit:
Monitoring Methodology
and data collection

Preparation and editing
of a Monitoring Plan

MRV READY
for submission of
verified information
and support with the
verification process

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