

Circular 101 / 2015**To: Vessel Owners, Managers, Masters, Officers, Deputy Registrars, Surveyors and Other Interested Parties****Subject: European Union approves CO2 monitoring, reporting and verification regulation****Date: 19 May 2015****Summary –**

This circular applies to all vessels over 5000GT trading in EU ports except

- Fishing vessels
- Warships
- Naval auxiliaries
- Wooden ships of primitive build
- Ships not propelled by mechanical means, and
- Government ships used for non-commercial purposes.

On 28 April, 2015, the European Council approved a new shipping regulation on the monitoring, reporting and verification of CO2 emissions, as part of its overall strategy to reduce greenhouse gas emissions by 2050.

The regulation will enter into force on 1 July, 2015.

The following requirements will apply:

Monitoring

From 31 August, 2017, all vessels over 5,000gt trading to, from and between ports in the jurisdiction of EU member states will be required to carry on board a CO2 monitoring plan that has been reviewed by a third party verifier.

This plan must contain:

- vessel and company details
- details of emission sources
- procedures for plan updates
- procedures for monitoring voyage times and distances
- procedures for monitoring time spent in port/at anchor
- procedures for monitoring fuel consumption, including: the monitoring method used; details of measuring instruments and data management; and the density calculation method
- the emissions factors used for each type of fuel
- procedures for monitoring and recording cargo and passenger levels for each voyage.

Monitoring will be on a per-voyage basis, and data will be aggregated into an annual emissions report.

The first reporting period requiring monitoring will be 1 January, 2018, to 31 December, 2018.

Verification

Once monitoring is completed, data collected in accordance with the monitoring plan will require verification by an approved third party.

Once the verification process is successfully completed, the vessel will be issued a Document of Compliance which will need to be kept on board for inspection.

The penalties for failing to carry a Document of Compliance include vessel detention and the issue of an Expulsion Order that prohibits entry into EU ports.

Reporting

From 2019, verified annual reports must be submitted to the EU Commission and the flag authority for each vessel by 30 April each year.

These reports will consist of:

- vessel and company details
- EEDI or EIV** information (as applicable)
- the monitoring methods used
- the results of the annual monitoring.

The Commission will make this information publicly available by 30 June each year.

Further information

More detailed guidance on the MRV regulation can be found at [CO2 measurement webpage](#)

What to do now

Vessel managers and owners will need to contact a Cook Islands Recognised Classification Society to assist in the establishment, verification and certification.

For further enquires please contact Technical Director Mr. Duncan Findlay at df@maritimecookislands.com or the Registrar of ships at fleet@maritimecookislands.com