

March 30, 2017

## Weathernews to offer total support for EU MRV of shipping companies Start of provision of Emission Status Monitoring Service

**In 2018, EU MRV will come into force, mandating the monitoring, reporting and verification of the CO<sub>2</sub> emissions from ships that call at ports in the EU region**

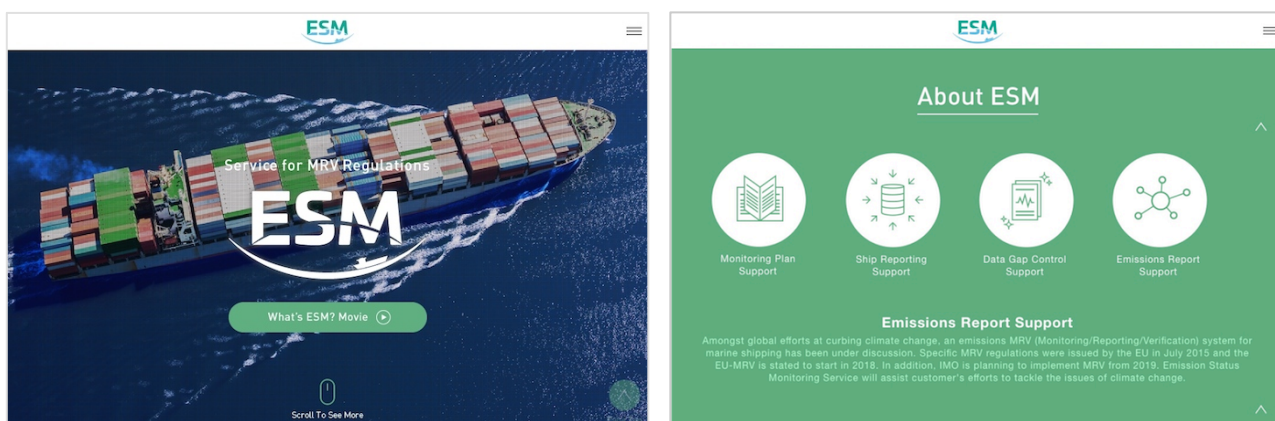
Weathernews Inc. (head office: Mihama-ku, Chiba-shi; CEO: Chihito Kusabiraki) announced that it will commence the provision of the Emission Status Monitoring Service to shipping companies worldwide. The new service provides total support for compliance with the EU MRV [Monitoring, Reporting and Verification] European regulations on the fuel consumption reporting system for the shipping industry. As the first phase, applications for Monitoring Plan Support offering assistance for the drafting of Monitoring Plans due for submission on August 31, 2017, will be accepted from April 12, 2017.

The Company will fully utilize the service infrastructure and databases developed in support of the shipping industry for approximately half a century to reduce the workload of shipping companies in compliance with EU MRV.

※ The Emission Status Monitoring Service is not an EU MRV certification service. It is a support service for shipping companies' EU MRV compliance.

An agreement with a separate certification body is required in the EU MRV certification process.

Emission Status Monitoring Service dedicated website	Emission Status Monitoring Service inquiries
<a href="https://esm.wni.com/promotion/">https://esm.wni.com/promotion/</a>	<a href="https://esm.wni.com/promotion/contact/">https://esm.wni.com/promotion/contact/</a>



Emission Status Monitoring Service website

### Start of provision of Emission Status Monitoring Service supporting EU MRV for shipping companies

In addition to the shipping industry's conventional role to safely and economically transport cargo, ecological efforts are now required in accordance with the EU MRV coming into force. In order to support the shipping industry's efforts to address the challenges presented by Ecology, the Company will commence the provision of an Emission Status Monitoring Service offering total support for compliance with EU MRV.

As the first phase, applications for Monitoring Plan Support offering assistance for the drafting of Monitoring Plans due for submission on August 31, 2017, will be accepted from April 12, 2017. Following that, additional support will be provided for each phase of EU MRV implementation.

From 2019, a global shipping fuel consumption reporting system will be started by the International Maritime Organization (IMO), and there are plans to extend the Emission Status Monitoring Service to support regulation under global standards.

We have supported safe and economic shipping for half a century since the company's predecessor, Oceanroutes. In addition to the launch of Emission Status Monitoring Service, we will offer full support for the shipping industry entering a new stage of Ecology through the Optimum Ship Routeing Service supporting the realization of fuel-efficient navigation and the Performance Status Monitoring Service for understanding and managing the performance of ships.

- Emission Status Monitoring Service  
<https://esm.wni.com/promotion/>
- Shipping weather services offered by Weathernews  
<https://jp.weathernews.com/your-industry/shipping/>
- The origins of Weathernews  
<https://jp.weathernews.com/corporate-outline/our-history/>

### **About EU MRV, the European regulations on the shipping industry's fuel consumption reporting system**

The CO<sub>2</sub> emitted by the shipping industry as a whole accounts for 2.5% of the world's total greenhouse gas (GHG) emissions<sup>(\*)</sup>. In 2015, the European Commission adopted EU MRV [Monitoring, Reporting and Verification], European regulations on the fuel consumption reporting system of the shipping industry to reduce global warming and the burden on the environment. EU MRV mandates the monitoring, reporting and verification of emissions by ships exceeding 5,000 gross tonnes calling at ports within the EU, regardless of the ship's home country, and monitoring is slated to commence on January 1, 2018. As the first phase, companies managing the ships subject to regulation are required to create and submit a Monitoring Plan to the certification body. From January 2018, measurement of CO<sub>2</sub> based on the Monitoring Plan will be mandatory for all voyages calling at European ports for the purpose of loading or unloading of cargo or passengers.

※ From the European Commission's website ([https://ec.europa.eu/clima/policies/transport/shipping\\_en](https://ec.europa.eu/clima/policies/transport/shipping_en))

### **Phases of implementation of EU MRV**

August 31, 2017	Creation of Monitoring Plans Certification by certification body.
January 1, 2018	Commencement of EU MRV monitoring. Commencement of monitoring of CO <sub>2</sub> emissions, voyage distance and cargo transported for each voyage by ships exceeding 5,000 gross tonnes that call at ports in the EU.
April 30, 2019 (April 30 every year)	Creation and submission of Emissions Report to certification body based on the results of monitoring. After the Emissions Report is certified, a Document of Compliance (DoC) is issued, and the certified Emissions Report and DoC are submitted to the EU and the state of registration.
June 30, 2019 (June 30 every year)	The DoC is kept on board and presented upon inspection in ports within the EU.