



## International News

### **NCSR Approves Amendments to Regulation V/23**

The IMO has finalized regulations to support improvement of pilot transfer safety. The Sub-Committee on Navigation, Communications and Search and Rescue (NCSR) met from 4 to 13 June and agreed on [amendments to regulation V/23 of the International Convention for the Safety of Life at Sea, 1974](#) (SOLAS regulation V/23) for the standards of pilot transfer arrangements. The amendments will be reviewed by the Marine Safety Committee (MSC), with a view for approval, at its 109th session in December 2024.

### **China MSA Implemented New Regulations for Vessel Inspections**

China MSA has implemented a new targeting scheme for vessel inspections. Vessels that meet certain criteria, including things such as prior detentions, are more likely to have a PSC inspection at every port in China. Additionally, China announced its "Special Campaign to Prevent Marine Mechanical and Electrical Equipment Failures," which is in effect through 31 October 2024. During all normal PSC inspections in China, and to support ensuring mechanical and electrical safety, inspections will include a review for compliance with relevant regulations. The China MSA has published a checklist to support crews with preparation for the inspection. [DNV has prepared a useful summary](#) of the special campaign and made the checklist available.

### **ISO Published Marine Fuel Standard Update**

On 20 May 2024, ISO published an update Marine Fuel Standard, ISO 8217, which includes changes for fuel testing methods and parameters, and fuel categorization. The updates to ISO 8217 also reflect the shipping industry's movement toward renewable marine fuels, such as biofuel blends. A [summary prepared by the UK P&I](#) provides additional information.

## United States News

### **Stakeholder Input Request from USCG on BWMS Recordkeeping and Reporting**

The USCG has published a request for stakeholder input on the recordkeeping and reporting requirements to document environmental compliance related to the USCG's ballast water regulations and the EPA's 2013 Vessel General Permit (VGP). The USCG notes they will use the information gathered to support an evaluation of new/updated solutions for data-driven policymaking, and reduction of the recordkeeping and reporting requirement burdens for industry related to documentation of environmental compliance. Details can be found in the [Federal Register Notice](#) and on the [USCG's news page](#). Public comments are due by 22 July 2024.

### **USCG Published Guidance Regarding Alter Maneuvering Characteristics of Ships**

The USCG recently published [Policy Letter 01-24](#), "Guidance Regarding Devices that Alter Maneuvering Characteristics of Ships to Ensure Safe Operation in Waters of the United States." The guidance covers listed devices in MARPOL Annex VI regulations that are required as part of the Energy Efficiency Existing Ship Index (EEXI) and that potentially alter ship maneuverability. The guidance is intended to support ships crew that are responsible for ship navigation to override these devices when necessary for safe navigation. The [UK P&I has also prepared a summary of the guidance](#).

### **USCG BWMS Type Approvals**

Ballast Water Treatment System Type Approvals – the USCG has not issued new type approvals since October 2023. There are currently seven (7) applications under review for amendments to existing type approvals. The USCG maintains a [list of approved systems and those under review for type approval](#). Type Approval Certificates for all USCG approved BWMS are available [HERE](#).

## Other

### **INTERTANKO Releases Decarbonization Strategy**

INTERTANKO recently released the [Strategy for the Decarbonisation of International Tanker Shipping](#). This strategy encompasses compliance, seafarers and commercial sustainability and applies equally to energy efficiency of the existing fleet, as well as to alternative fuels for the future fleet.

Please contact Ecochlor at [sales@ecochlor.com](mailto:sales@ecochlor.com) to learn how the Ecochlor® BWMS can help your vessels achieve and maintain compliance with international ballast water regulations.

\*\*\*This information is provided by Ecochlor as a courtesy and all regulatory requirements must be verified by the vessel\*\*\*

## Ecochlor "Green" Marine Technologies



Looking to elevate your fleet's CII ratings and adopt more sustainable shipping practices? The filterless [EcoOne Ballast Water Management System \(BWMS\)](#) is your answer. Engineered with reliable, energy-efficient technology, the EcoOne system not only ensures compliance with ballast water regulations but also enhances your ship's operational efficiency.

EcoOne operates on minimal power, boosting the ship's overall energy efficiency and reducing carbon emissions—a win for both your bottom line and the environment.

Plus, with minimal training required, your crew can quickly and effortlessly integrate and operate the system, saving you valuable time and resources.

Stay ahead of the curve with a system designed to meet the stringent requirements of ballast water management regulations.

Armada Technologies™ is excited to announce their signed Memorandum of Understanding (MoU) with Qatar Shipyard Technology Solutions to enhance vessel energy-efficiency through their innovative Passive Air Lubrication Systems (PALS). This partnership aims to reduce operating costs and minimize emissions of carbon and other pollutants for ships.

"We are excited to partner with Qatar Shipyard Technology Solutions to drive the adoption of PALS in the maritime industry," said Alex Routledge, CEO of Armada Technologies. "By combining our expertise in air lubrication systems with Qatar Shipyard Technology Solutions' extensive network and reputation, we can make a significant impact in reducing the environmental footprint of vessels while also improving their operational efficiency." Read the full announcement [HERE](#).

Looking for a way to cut costs and reduce your carbon footprint? Sinotech's flexible scrubber and CCS options are your ultimate solution. This proven technology typically captures 25-35% of total CO2 emissions from fuel while using only 8% of the energy required for operation.

Sinotech's innovative energy recovery design, combined with amine recovery at 25% lower temperatures than the industry standard, means even more power savings for your ships. To learn more click [HERE](#).

Managing explosive, toxic, and environmentally harmful vapors on marine vessels is a constant challenge. For those in marine transportation, the need for repairs, maintenance, or inspections often means hours or even days spent safely draining and purging fuel oil or cargo tanks.

NanoVapor has been shown to cut the time needed to purge vapors by more than 50%. In one instance, it significantly sped up the degassing of a 30,000-bbl barge, making the process safer and more efficient. Ready to revolutionize your marine operations? Learn more about [NanoVapor](#).

[Armada Technologies](#), [Sinotech](#) and [NanoVapor](#) are affiliates of the [Ecochlor "Green" Marine Technologies Group](#) offering maritime sustainability through energy-efficient, effective, eco-friendly maritime technologies.

### Published Articles

#### Charting Sustainable Seas: Ecochlor's Eco-Friendly Solutions and Maritime Innovation

NAFSgreen World Shipping News interviewed Andrew Marshall, CEO of Ecochlor on ballast water management industry trends, industry misconceptions, the company's unique approach to the market and future projects.

[Article Link](#)

#### Charting Sustainable Seas Ecochlor's Eco-Friendly Solutions and Maritime Innovation



**Charting Sustainable Seas: Ecochlor's Eco-Friendly Solutions and Maritime Innovation**  
By Andrew Marshall, CEO of Ecochlor  
Ecochlor is a leading provider of advanced marine technologies, including ballast water management systems, air scrubbers, and energy recovery systems. The company's innovative solutions are designed to reduce emissions, improve fuel efficiency, and enhance the safety and sustainability of maritime operations. In this article, Andrew Marshall, CEO of Ecochlor, discusses the latest industry trends, common misconceptions, and the company's unique approach to addressing these challenges. He also shares insights into the future of maritime technology and the role of Ecochlor in driving sustainable growth in the industry.

#### Hull Air Lubrication Systems as a EET Solution

Did you know that hull air lubrication, originally a noise abatement technology, is now the go-to energy efficiency solution for many ship owners? Discover why the ratio of sales of air lubrication systems to wind-assisted technologies is 4:1 in favor of air lubrication. Read this insightful article, "Revolutionizing Maritime Dynamics: Hull Air Lubrication Systems as a EET Solution" by Alex Routledge, Armada Lubrication Systems as a EET Solution" by Alex Routledge, Armada CEO, to learn more.

[Article Link](#)

#### Revolutionizing Maritime Dynamics Hull Air Lubrication Systems as a EET Solution



**Revolutionizing Maritime Dynamics: Hull Air Lubrication Systems as a EET Solution**  
By Alex Routledge, CEO of Armada  
Hull air lubrication (HAL) is a revolutionary technology that has transformed the maritime industry. Originally developed as a noise abatement solution, HAL is now the go-to energy efficiency solution for many ship owners. In this article, Alex Routledge, CEO of Armada, explores the reasons behind the 4:1 ratio of sales of air lubrication systems to wind-assisted technologies. He discusses the benefits of HAL, including reduced fuel consumption, lower emissions, and improved operational efficiency. The article also highlights the role of HAL in revolutionizing maritime dynamics and achieving EET (Energy Efficiency Technology) solutions.

### Upcoming Conferences



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