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International News

World Maritime Day

During [World Maritime Day 2023](#) celebrations the IMO showcased global efforts toward marine environment protection and, in particular, the 50th anniversary of MARPOL. The IMO hosted the IMO-UNEP-Norway Innovation Forum focusing on innovations to move the maritime industry toward greener, zero- and low-emission practices that are needed to support marine environment sustainability.

Revised Port State Control Procedures Enter into Force in January 2024

The 9th session of the Sub-Committee on the Implementation of IMO Instruments (III) finalized draft amendments to the Procedures for [Port State Control \(A.1155 \(32\)\)](#) in August 2023. These [amendments](#) include guidelines regarding the detention of ships under MARPOL Annex VI. These revised Guidelines are set to be adopted in December 2023 and will become effective January 1, 2024. The amendments cover several areas, including: Compliance of CII ratings as a detainable deficiency; Non-compliance with regulations or data during ship transfer; EGCS failing to meet MARPOL Annex VI; and, consideration of fuel oil with sulfur content exceeding MARPOL Annex VI and not connected to the EGCS.

Revised Guidelines for the Reduction of Underwater Radiated Noise

The IMO has issued a revised guidelines for the reduction of underwater radiated noise from shipping to address adverse impacts on marine life. [MEPC.1/Circ.906](#) was published on August 22, 2023.

IMO MEPC 80th Session Summary

IMO's Marine Environment Protection Committee held its 80th session (MEPC 80) from 3 – 7 July 2023. There were a variety of important developments at MEPC 80, including, but not limited to Ballast Water Management; Marine Plastics Litter; Air Pollution and Energy Efficiency; Biofouling Management; Designation of the North-Western Mediterranean Sea as a PSSA; NOx Technical Code; MARPOL Annex VI Development; Inventory of Hazardous Materials (IHM); and, the Hong Kong Convention. Click [HERE](#) to read more. The report of MEPC 80 will be available on [IMO DOCS](#) when finalized. MEPC 81 is tentatively scheduled for 18 – 22 March 2024.

New IMO Secretary General

Mr. Arsenio Dominguez of Panama has been elected as the next IMO Secretary General, with a four-year term set to begin on 1 January 2024.

DNV Released New Shore Power Rules for Tankers

On 1 July 2023 [DNV released new shore power class rules for tankers](#). DNV is the first classification society to develop shore power rules for tankers, and the effort follows on the amendments to the [California Air](#)

[Resources Board \(CARB\) Ocean-Going Vessels At-Berth Regulation](#), which Ecochlor reported on this past January.

IMO Issued Circular Letter Regarding Amendments to Various Conventions and Codes

The IMO has issued a [circular letter](#) addressed to all IMO Members on various conventions and codes but primarily focused on issues around safety at sea. The Maritime Safety Committee approved the amendments at its 107th session with implementation scheduled for with a view for adoption at its 108th session, tentatively scheduled to take place from 15 to 24 May 2024.

United States News

EPA Publishes 'Supplemental Notice of Proposed RuleMaking

The EPA's 'Supplemental notice of proposed rulemaking' was [published in the Federal Register](#) on 18 October 2023. The Supplemental notice presents BWMS type approval data that the EPA has received since the publication of the proposed Vessel Incidental Discharge Act (VIDA) regulations in October 2020, as well as regulatory options that the EPA is considering for the final VIDA regulations based on the public comments received. The EPA is soliciting public comments on the Supplemental notice, which must be received by 18 December 2023.

As an outcome of the lawsuit filed against the EPA by the Center for Biological Diversity and Friends of the Earth, a [Proposed Consent Decree](#) was published on 8 September 2023. If accepted, the Consent Decree would obligate the EPA to take action in publishing the final VIDA regulations by 23 September 2024. Additionally, on 28 August 2024, several [states submitted their expectations](#) for the EPA's VIDA Supplemental Notice. The states include California, Michigan, Minnesota, Ohio, Oregon, Rhode Island, Washington and Wisconsin.

Two Vessels Penalized for USA EPA Clean Water Act Violations

On 28 June 2023 the [EPA announced a settlement](#) with two shipping companies for Clean Water Act violations relating to non-compliance with the EPA's 2013 Vessel General Permit (VGP) ballast water discharge requirements. For one company, the violations were noted on three separate ships for failure to treat ballast water, conduct inspections and discharge monitoring required by the VGP, as well as reporting accurate information in annual reports. From the other company, two separate ships were found non-compliant for failure to meet similar VGP requirements. Between the two companies, the violations resulted in \$337,000USD in penalties.

USCG BWMS Type Approvals

Ballast Water Management System Type Approvals – the USCG recently issued type approval to the following BWMS:

- [Cyeco BWMS](#) manufactured by Shanghai Electric Cyeco Environmental Technology Co., Ltd. (51st USCG BWMS Type Approval)

There are currently seven (7) applications under review, either for new type approval or 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 News

EU Emissions Trade System (ETS) – Update of Registry

As part of the 'Fit for 55' package, the ETS Directive has been revised to align it with the new EU target set in the [European Climate Law](#) to reduce net greenhouse gas emissions by 55% (compared to 1990 levels) by 2030.

IPBES Launches Report on Global Threat of Invasive Species

A new report by the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES) reveals that over 37,000 [invasive species](#) have been introduced to various regions and biomes globally. This number is expected to increase dramatically in the coming years. These species have adverse impacts on biodiversity, habitats, and human health and livelihoods. The report calls for urgent action to stem the rapid spread of invasive alien species. To download the report, CLICK [HERE](#)

DNV Releases 7th Maritime Forecast to 2050

To help the industry navigate a way forward to shift to carbon-neutral fuels, DNV has released its 7th Maritime Forecast to 2050 report offers a fresh outlook on regulations, drivers, technologies, and fuel availability. To download the report, CLICK [HERE](#)

GloNoise Partners with IMO, UNDP and GEF

The [Global Partnership for Mitigation of Underwater Noise from Shipping](#) (GloNoise Partnership) project is under design by IMO, UNDP and the Global Environment Facility (GEF) aiming to start in late 2023. The objective of the partnership is to assist stakeholders in dealing with the major environmental issues of underwater noise from shipping.

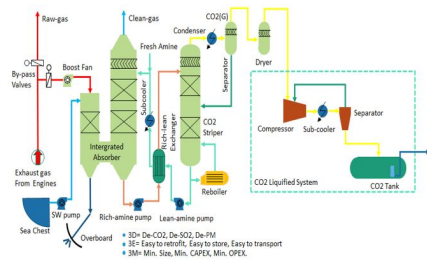
This information is provided by Ecochlor as a courtesy and all regulatory requirements must be verified by the vessel



The SAFETY4SEA Team was there conducting video interviews with global experts who highlighted that collaboration is the new fuel and referred to initiatives and projects towards an attractive, diverse and sustainable shipping. Featured in this interview is Sören Scheid, Business Development Manager at Ecochlor.

EcoOne® 'Green Marine' Technologies

Armada Technologies, Sinotech and NanoVapor are affiliates of the EcoOne® 'Green Marine' Technologies portfolio in energy efficient, innovative, environmentally-friendly maritime technologies.



Sinotech's Amine Carbon Capture and Storage Process

Check out the Sinotech Amine CCS Process! Sinotech's low energy CO₂ capture technology features cutting-edge low temperature amine stripping. Their patented Amine solution can be stripped of the absorbed CO₂ at 90°C, 25% below the industry standard. Along with the efficient heat recovery design, it results in a very low energy demand per ton of captured CO₂.

Invest in a cost-effective and smart solution with Sinotech's

carbon capture and storage system. Click [HERE](#) to learn more.

Armada CEO, Alex Routledge Co-authors Article in NAFSgreen Magazine

Read this interesting article on 'Reducing Underwater Noise' Co-authored by Alex Routledge and Andrew Spiteri. "Underwater Radiated Noise (URN) from shipping is predominantly a by-product of the vibration of onboard mechanical equipment and the sound created through the mass implosion of vapor bubbles in the undesirable process of (propeller) cavitation... Luckily, there are many technological solutions and recommendation to reduce URN." Click [HERE](#) to read the complete article.

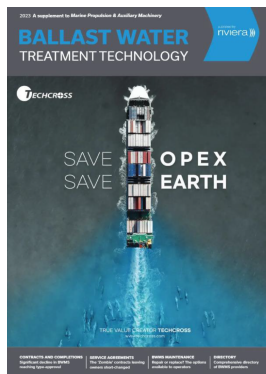
NanoVapor Technology Provides Safer Faster Solutions to Enclosed Spaces Regulations

As [new regulations](#) on enclosed spaces in the UK came into force in May 2022 for SOLAS vessels and May 2023 for other vessels, safety in the management of highly flammable, toxic, and environmentally damaging vapors remains a top priority. However, traditional methods of preventing the evaporation of hydrocarbon molecules have proven to be inadequate, resulting in loss of life and property. Fortunately, NanoVapor technology provides a safer and faster solution to this issue. By integrating this technology into your maintenance practices, you can significantly increase crew safety and reduce downtime while increasing asset uptime for barge owners. Click [HERE](#) to read more about NanoVapor.

Free "Lunch & Learn" Training on Decarbonization Options for Shipowners

Investing now in energy-efficient technologies pays big dividends down the road! Learn more about how you can achieve your emission reduction goals by scheduling a "lunch & learn" workshop either virtually or in your office on, "Energy Efficient Ships: A Vital Component to Achieving Maritime Net Zero Emissions". Contact us [HERE](#) to schedule a workshop.

Ecochlor in the News



Ballast Water Treatment Technology

[Riviera Maritime Media](#)

October Issue

Title: *Replacing a failed or out-of-spec BWMS*

Repair or replace? Andrew Marshall, CEO joined a panel of experts to discuss the options available to shipowners. Replacing a failed or out-of-spec BWMS can be a costly and time-consuming process, but with the right information and guidance, shipowners can make informed, responsible decisions that protect both their businesses and the natural resources we all depend on. Click [HERE](#) to read the complete article.

Ballast Water Treatment Technology[Riviera Maritime Media](#)

October Issue

Title: *BWTS – Key Lessons from Years of Operation*

After nearly a decade of practical ballast water treatment activity what lessons has the industry learned. Join Andrew Marshall, CEO as he discusses the key learning lesson. Click [HERE](#) to read the complete article.

[NAFSgreen World Shipping News](#)

September/October Issue

Title: *Ecochlor Gives Peace of Mind to Clients. An interview with Panos Smyroglou*

Panos Smyroglou, VP Sales & Marketing provides practical insights on how companies can ensure compliance with ballast water regulations and MARPOL VI. He discusses the various treatment methods for ballast water, the importance of record-keeping, and the role of proper training for crew members. Click [HERE](#) to read the complete article.

[NAFSgreen World Shipping News](#)

September/October Issue

Title: *United States EPA is Cracking Down on Ballast Water Discharge Violations*

Author: David Swindells, Director of Sales & Marketing
Shipowners should be aware that the U.S. is not party to the BWM Convention, therefore, the IMO Experience Building Phase does not apply in U.S. waters. Whilst there are some limited exceptions for the unmanaged discharge of ballast water, vessels that have missed their BWMS compliance date or have unreported malfunctioning BWMSs are not given much leniency. Click [HERE](#) to read the complete article.

Upcoming Webinars, Exhibits and Conferences

[3rd Annual Capital Link German Maritime Forum](#)

Hamburg, Germany

Dates: November 8, 2023

To schedule a meeting with one of our attending representatives contact:

Sören Scheid, Regional Business Development Manager, soren.scheid@ecochlor.com

Intertanko Asian Regional Panel Meeting

Hong Kong

Date: 23 November 2023

To schedule a meeting with one of our attending representatives contact:

Karan Szeto, Regional Business Development Manager, karan.szeto@ecochlor.com

[Maritech China](#)

Shanghai, China


Dates: 5 – 8 December 2023

To schedule a meeting with one of our attending representatives contact:

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