



**INTERNATIONAL MARITIME ORGANIZATION  
MARITIME KNOWLEDGE CENTRE (MKC)**

*“Sharing Maritime Knowledge”*

**CURRENT AWARENESS BULLETIN  
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**MARPOL AT 50**  
OUR COMMITMENT GOES ON

## About the MKC Current Awareness Bulletin (CAB)

The aim of the **MKC Current Awareness Bulletin (CAB)** is to provide a digest of news and publications focusing on key subjects and themes related to the work of IMO. Each CAB issue presents headlines from the previous month. For copyright reasons, the *Current Awareness Bulletin (CAB)* contains brief excerpts only. Links to the complete articles or abstracts on publishers' sites are included, although access may require payment or subscription.

The *MKC Current Awareness Bulletin* is disseminated monthly and issues from the current and the past years are free to download from this [page](#).

[Email us](#) if you would like to receive email notification when the most recent Current Awareness Bulletin is available to be downloaded.

The *Current Awareness Bulletin (CAB)* is published by the Maritime Knowledge Centre and is not an official IMO publication. Inclusion does not imply any endorsement by IMO.

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## IMO NEWS & EVENTS

### WHAT'S NEW

#### IMO CARES project enters next phase

The [IMO CARES](#) project has completed a year-long foundation and preparatory phase, and now has received a further round of funding from the Kingdom of Saudi Arabia that will enable the initiative to move to a full implementation phase. [More...](#)

#### IMO, Norway and Singapore sign MOU on maritime decarbonization

IMO, the Ministry of Climate and Environment of Norway and the Maritime and Port Authority of Singapore (MPA) have signed a new Memorandum of Understanding, with the intention to collectively undertake technical cooperation activities to assist developing countries in their efforts to reduce emissions from ships and in ports. [More...](#)

#### IMO welcomes new oceans treaty

IMO has welcomed the landmark agreement on a new oceans treaty to protect marine biodiversity on the high seas.

The new legally binding international instrument on the conservation and sustainable use of marine biological diversity in areas beyond national jurisdiction – known as 'BBNJ' was agreed on 4 March, following conclusion of the fifth round of treaty negotiations at the United Nations headquarters in New York, United States. [More...](#)

### MEETING SUMMARIES AND SCHEDULE

#### Previous Meetings

[Sub-Committee on Ship Systems and Equipment \(SSE 9\)](#) 27 February 2023 – 3 March 2023

[Facilitation Committee \(FAL 47\)](#) 13-17 March 2023

Intersessional Working Group on the Reduction of GHG Emissions from Ships (ISWG-GHG 14)  
20-24 March 2023

Legal Committee (LEG 110) 27-31 March 2023

#### Forthcoming Meetings

Sub-Committee on Pollution Prevention and Response (PPR 10) 24-28 April 2023

[Programme of Meetings for 2023](#) 📅

## UNITED NATIONS

**‘Act decisively before it is too late’, Guterres warns countries, laying out his priorities for 2023.** *UN News*. 6 February 2023. Available from: <https://news.un.org/en/story/2023/02/1133192> Addressing the General Assembly in New York, he appealed for urgent action now to achieve peace, economic rights and development, climate action, respect for diversity, and inclusive societies – both today and for generations to come.

**‘Put people first’ in drive to realize Sustainable Development Goals.** *UN News*. 6 February 2023. Available from: <https://news.un.org/en/story/2023/02/1133202> “Putting people first means we must create opportunities for young people to accumulate knowledge and skills relevant for the labour market through education, training, and early work experience,” Lachezara Stoeva said.

**Ukraine: General Assembly resumes emergency special session, taking up new text to end war.** *UN News*. 22 February 2023. Available from: <https://news.un.org/en/story/2023/02/1133797> Assembly President Csaba Kőrösi said that, for almost a full year, the world body, UN Secretary-General, and international community have been consistent and vocal in calls to end this war, and to adhere to the UN Charter and international law.

**UN General Assembly calls for immediate end to war in Ukraine.** *UN News*. 23 February 2023. Available from: <https://news.un.org/en/story/2023/02/1133847> At its resumed eleventh emergency special session, the world body adopted a new resolution calling for an end to the war, only hours before the conflict enters its second year on Friday.

**Deadly shipwreck in Italy must trigger action to save lives, UN officials say.** *UN News*. 26 February 2023. Available from: <https://news.un.org/en/story/2023/02/1133917> The UN refugee agency (UNCHR) and the International Organization for Migration (IOM), in a joint statement, expressed condolences for the victims and called on countries to increase resources and capabilities to effectively meet their responsibilities.

**Human Rights Council: Russia responsible for ‘widespread death and destruction’ in Ukraine.** *UN News*. 27 February 2023. Available from: <https://news.un.org/en/story/2023/02/1133927> Speaking only days since a large majority of the UN General Assembly adopted a resolution calling for the immediate withdrawal of Russian troops from Ukraine, the UN chief stressed that Russia’s decision to go to war against its neighbour on 24 February 2022 had unleashed “widespread death, destruction and displacement”.

## CASUALTIES

### **Coast Guard, NTSB and international partners investigate Antarctic marine casualties.**

*United States Coast Guard*. 2 February 2023. Available from: <https://www.news.uscg.mil/Press-Releases/Article/3286595/> U.S. Coast Guard Activities Europe, the National Transportation Safety Board (NTSB) and international flag administrations are investigating marine casualties involving the death or injury of U.S. citizens on foreign-flagged passenger vessels in Antarctic waters between Nov. 15 and Dec. 1, 2022.

### **MS Romantika breaks loose in Dutch Eemshaven and hits other ships.**

*SWZ Maritime (Netherlands)*. 2 February 2023. Available from: <https://swzmaritime.nl/news/2023/02/02/ms-romantika-breaks-loose-in-dutch-eemshaven-and-hits-other-ships/> Holland Norway Lines' ferry *MS Romantika*, which sails between Norway and the Netherlands, broke loose from the quay on 1 February in the port of Eemshaven.

### **MSC Faith refloated after grounding in the Singapore Strait.**

*Jonathan Boonzaier*. *TradeWinds*. 2 February 2023. Available from: <https://www.tradewindsnews.com/casualties/msc-faith-refloated-after-grounding-in-the-singapore-strait/2-1-1397338> An MSC Mediterranean Shipping Company-operated container ship that ran aground in the Singapore Strait on Wednesday has been refloated.

### **Electrical component failure leads to brief flame discharge from liquid hydrogen carrier's gas combustion unit vent stack.**

*Australian Maritime Safety Authority (AMSA)*. 2 February 2023. Available from: <https://www.atsb.gov.au/media/news-items/2023/electrical-component-failure-leads-brief-flame-discharge-liquid-hydrogen-carriers-gas-combustion-unit-vent-stack> The failure of an incorrectly-fitted electrical solenoid valve led to the brief propagation of flame from a liquified hydrogen carrier gas combustion unit's vent stack, an Australian Transport Safety Bureau investigation has found. [Full Report](#)

### **Eight shipyard workers injured in blast on Vietnamese bulk carrier.**

*Gary Dixon*. *TradeWinds*. 3 February 2023. Available from: <https://www.tradewindsnews.com/casualties/eight-shipyard-workers-injured-in-blast-on-vietnamese-bulk-carrier/2-1-1398318> An explosion on a bulker under repair in Vietnam has injured eight shipyard workers.

### **Freight ship sinks after collision in Seto Inland Sea, 2 missing.**

*Kyodo News (Japan)*. 3 February 2023. Available from: <https://english.kyodonews.net/news/2023/02/87f0ec2aba6b-freight-ship-sinks-after-collision-in-seto-inland-sea-2-missing.html> A freight ship sank in the Seto Inland Sea off Imabari, Ehime Prefecture, on Thursday after colliding with another freight ship, leaving two of its crew missing, the Japan Coast Guard said.

### **South Korean car carrier hit by fire off Vietnam.**

*Gary Dixon*. *TradeWinds*. 6 February 2023. Available from: <https://www.tradewindsnews.com/casualties/south-korean-car-carrier-hit-by-fire-off-vietnam/2-1-1399334> Seafarers have managed to extinguish a fire on a car carrier off Vietnam.

### **Media Statement - Incident Involving Harbour Pilot Who Had Fallen Overboard.**

*Maritime and Port Authority of Singapore (MPA)*. 11 February 2023. Available from: <https://www.mpa.gov.sg/media-centre/details/media-statement--incident-involving-harbour-pilot-who-had-fallen-overboard> At about 0250 hrs on 11 February 2023 (Singapore time), the Maritime and Port Authority of Singapore (MPA) Marine Safety Control Centre was alerted that a harbour pilot from PSA Marine (PSAM) had fallen overboard while disembarking from a tugboat to board a PSAM launch boat in waters off Southern Islands.

**Lest we forget Rabaul Queen tragedy.** *The National (Papua New Guinea)*. 13 February 2023. Available from: <https://www.thenational.com.pg/lest-we-forget-rabaul-queen-tragedy-2/>  
The anniversary of Papua New Guinea's worst maritime disaster slipped by last week.

**'No significant damage' to Spain's marine environment from OS 35, Spanish Government says.** *Gibraltar Chronicle*. 15 February 2023. Available from: <https://www.chronicle.gi/no-significant-damage-to-spains-marine-environment-from-os-35-spanish-government-says/> The Spanish Government said this week that there had been no "significant" environment damage to Spain's coastline as a result of the OS 35 maritime casualty in Gibraltar.

**Zodiac tanker hit in latest Iran drone attack.** Tomer Raanan and Richard Meade. *Lloyd's List*. 18 February 2023. Available from: <https://lloydlist.maritimeintelligence.informa.com/LL1144032>  
A product tanker owned by the Israeli businessman Eyal Ofer's Zodiac Group was hit by a weaponised drone in the Arabian Sea on February 10.

**Seafarer dies and another critical after cargo ship breaks in two off Russia.** Gary Dixon. *TradeWinds*. 21 February 2023. Available from: <https://www.tradewindsnews.com/casualties/seafarer-dies-and-another-critical-after-cargo-ship-breaks-in-two-off-russia/2-1-1407635> The ministry of emergency situations reported that the 2,200-dwt *Seamark* (built 1981) was caught in a storm off the Black Sea coast of Krasnodar on Tuesday.

**Collision of ships in night off Kerry coast could have led to environmental disaster, court hears.** *Irish Times*. 21 February 2023. Available from: <https://bit.ly/42SEIP8> The collision occurred just before midnight on October 12<sup>th</sup>, 2019, between the *Kirrixhi* trawler and the Hong Kong-registered *Hua Sheng Hai* around 24 nautical miles northwest of Inishtearagh Lighthouse on one of the Blasket Islands off Co Kerry.

**15 people flee The Escape cargo ship after engine room catches fire in Baltic Sea.** Hunter Powers. *Sky News*. 22 February 2023. Available from: <https://news.sky.com/story/15-people-flee-the-escape-cargo-ship-after-engine-room-catches-fire-in-baltic-sea-12817187>  
It had been travelling between Lithuania and Latvia in the early hours of this morning when the crew abandoned the cargo ship in the Gulf of Riga, off the Latvian capital.

**Probe begins as fire extinguished on JR Shipping container ship.** Gary Dixon. *TradeWinds*. 23 February 2023. Available from: <https://www.tradewindsnews.com/casualties/probe-begins-as-fire-extinguished-on-jr-shipping-container-ship/2-1-1408640> An investigation has begun in Latvia after the fire on the JR Shipping container ship *Escape* was confirmed as extinguished.

**Motor tanker carrying 800K liters of oil sinks off Mindoro.** Martin Sadongdong. *Manila Bulletin*. 28 February 2023. Available from: <https://mb.com.ph/2023/2/28/motor-tanker-carrying-800-k-liters-of-oil-sinks-off-mindoro> A motor tanker loaded with 800,000 liters of industrial oil sank after encountering engine trouble and triggered oil spill in the vicinity waters off Naujan, Oriental Mindoro on Tuesday, Feb. 28.

## ENVIRONMENT

### **Global Greenhouse Gas Monitoring Infrastructure takes shape.** *World Meteorological*

*Organization (WMO)*. 31 January 2023. Available from:

<https://public.wmo.int/en/media/news/global-greenhouse-gas-monitoring-infrastructure-takes-shape>

WMO is hosting an international symposium on a proposed Global Greenhouse Gas Monitoring Infrastructure to inform action to reduce levels of carbon dioxide and other heat-trapping gases in the atmosphere which are fuelling temperature increase.

### **Climate change: WMO unveils plans for sustainable monitoring of greenhouse gases.**

*UN News*. 1 February 2023. Available from: <https://news.un.org/en/story/2023/02/1133047>

A UN-led plan to tackle climate change by radically improving the way heat-trapping atmospheric pollutants are measured all over the planet, is being given serious consideration by governments and the international scientific community, the World Meteorological Organization (WMO) said on Wednesday.

### **Sea level rise poses ‘unthinkable’ risks for the planet, Security Council hears.** *UN News*.

14 February 2023. Available from: <https://news.un.org/en/story/2023/02/1133492> “The impact of rising seas is already creating new sources of instability and conflict,” said UN Secretary-General António Guterres, who opened the meeting.

### **The \$100 Billion Offshore Wind Industry Has A Whale Problem.** Carly Wanna, Jennifer A Dlouhy

and Josh Saul. *gCaptain*. 18 February 2023. Available from: <https://gcaptain.com/the-100-billion-offshore-wind-industry-has-a-whale-problem/>

Since early December, close to two dozen large whales have washed up on or near beaches on the US Atlantic coast, and about a third of the so-called strandings have occurred on the shores of New Jersey.

### **Why failing ocean will put trillions at risk.** Patricia Scotland. *The Gleaner (Jamaica)*.

19 February 2023. Available from: <https://jamaica-gleaner.com/article/focus/20230219/patricia-scotland-why-failing-ocean-will-put-trillions-risk>

Globally, the goods and services generated each year from the ocean are worth an estimated US\$2.5 trillion though the ocean itself as an asset is worth far more, at least US\$24 trillion.

### **Fukushima: Japan prepares to release 1.3 million tonnes of treated wastewater into the sea.**

Charlotte Elton. *Euronews*. 20 February 2023. Available from:

<https://www.euronews.com/green/2023/02/20/fukushima-japan-prepares-to-release-13-million-tonnes-of-treated-wastewater-into-the-sea>

Japan is preparing to release more than a million tonnes of treated wastewater from the Fukushima nuclear plant into the sea.

### **Tehran hosting workshop on Indian Ocean marine environment.** *Tehran Times (Iran)*.

20 February 2023. Available from: <https://www.tehrantimes.com/news/482122/>

The third phase of the workshop series on the effects of climate on the Indian Ocean marine environment kicked off here on Monday.

### **Mile 201 exploitation in South Atlantic risks environmental catastrophe and livelihoods of regional fishers, unions warn.** *International Transport Workers’ Federation (ITF)*.

22 February 2023. Available from: <https://www.itfglobal.org/en/news/mile-201-exploitation-in-south-atlantic-risks-environmental-catastrophe-and-livelihoods>

An environmental catastrophe is looming in the South Atlantic because unregulated ships are over-fishing, the International Transport Workers’ Federation (ITF) and affiliated Latin American unions have warned.

**Climate change: Carbon-absorbing underwater meadows planted.** *BBC News*. 23 February 2023. Available from: <https://www.bbc.co.uk/news/uk-wales-64736863>  
Five million seagrass seeds will be planted off Wales' coast to create climate change-fighting underwater meadows.

## ENVIRONMENTAL POLLUTION

**Seychelles is becoming overwhelmed by marine plastic – we now know where it comes from.** Noam Vogt-Vincent and April Burt. *The Conversation*. 1 February 2023. Available from: <https://theconversation.com/seychelles-is-becoming-overwhelmed-by-marine-plastic-we-now-know-where-it-comes-from-198350> More than 1,000km southwest of Mahé, the main inhabited island in Seychelles, lies a ring of coral islands called the Aldabra Atoll.

**Vessel-Source Marine Pollution and the Non-Suspension of Coastal State or Port State Proceedings: Pinpointing Flag States of Repeat Disregard in Article 228 of UNCLOS?** Arron N. Honniball. *EJIL:Talk! Blog of the European Journal of International Law*. 2 February 2023. Available from: <https://bit.ly/3zhRbZE> As we straddle the 40<sup>th</sup> Anniversary of the United Nations Convention on the Law of the Sea (UNCLOS) and the 50<sup>th</sup> Anniversary of the International Convention for the Prevention of Pollution from Ships (MARPOL), State and academic attention re-focuses on tackling marine pollution.

**ICC wants tougher rules on Arctic underwater shipping noise.** David Lohead. *Nunatsiaq News Online (Canada)*. 3 February 2023. Available from: <https://nunatsiaq.com/stories/article/icc-wants-tougher-rules-on-arctic-underwater-shipping-noise/> The Inuit Circumpolar Committee wants to see mandatory measures put in place to regulate underwater ship noise.

**Why All the Concern About Underwater Ship Noise?** Regan Nelson. *Natural Resources Defense Council (NRDC)*. 3 February 2023. Available from: <https://www.nrdc.org/experts/regan-nelson/why-all-concern-about-underwater-ship-noise> Many of us are newly aware of the significant role that global shipping plays in transporting goods around the globe after recent supply chain disruptions caused shortages and delays in a wide range of products.

**Brazil deliberately sinks its toxic aircraft carrier in the Atlantic Ocean.** *NGO Shipbreaking Platform*. 4 February 2023. Available from: <https://shipbreakingplatform.org/brazilian-navy-illegally-sinks-toxic-ship/> Last night, the Brazilian Navy, after months of refusing to allow its old aircraft carrier SÃO PAULO to safely return to a Naval base, detonated explosives placed on the vessel's massive hull to send it to the bottom of the sea, claiming it was a danger to the Brazilian coastline due to its structural condition.

**Brazil sinks aircraft carrier in Atlantic despite pollution risk.** *Al Jazeera*. 4 February 2023. Available from: <https://www.aljazeera.com/news/2023/2/4/brazil-sinks-aircraft-carrier-in-atlantic-despite-pollution-risk> Brazil has sunk a decommissioned aircraft carrier in the Atlantic Ocean despite concerns expressed by environmental groups that the ageing warship was packed with toxic materials.

**New Zealand's hull law halts voyages, and cruisers learn a new term: Biofoul.** Andrea Zelinski. *Travel Weekly*. 5 February 2023. Available from: <https://www.travelweekly.com/Cruise-Travel/New-Zealand-hull-law-halts-voyages> Biofouling, or biological fouling, is the accumulation of micro-organisms, plants, algae and animals on submerged structures, such as hulls, according to the International Maritime Organization.

**Right whale off southern U.S. freed from Canadian lobster fishing gear.** Isabelle Leger. *Canadian Broadcasting Corporation (CBC)*. 5 February 2023. Available from: <https://www.cbc.ca/news/canada/new-brunswick/north-atlantic-right-whale-endangered-entanglement-successful-1.6737841> A right whale found entangled in lobster fishing gear off the southern United States has been disentangled by U.S. marine mammal rescue responders.

**Shipping companies agree to pay \$45 million in O.C. oil spill lawsuits.** Hannah Fry and Laura J. Nelson. *Los Angeles Times*. 9 February 2023. Available from: <https://www.latimes.com/california/story/2023-02-09/shipping-companies-reach-settlement-in-oc-oil-spill> Companies linked to two cargo ships accused of damaging a pipeline months before it ruptured, sending crude oil gushing into the waters off Orange County, have agreed to pay \$45 million to settle lawsuits brought by business owners and residents, attorneys said Thursday.

**Fighting back against plastic pollution of the oceans.** David Hughes. *Business Times (Singapore)*. 14 February 2023. Available from: <https://www.businesstimes.com.sg/international/fighting-back-against-plastic-pollution-oceans> Last week, a press statement on a subject dear to my heart landed in my inbox: Technology group Wartsila and cruise-ship giant Carnival Corporation announced their joint pilot project to reduce the amount of plastic used in marine operations.

**Deep-sea mining noise pollution threatens whales: study.** *France 24*. 14 February 2023. Available from: <https://www.france24.com/en/live-news/20230214-deep-sea-mining-noise-pollution-threatens-whales-study> A study in the journal *Frontiers in Marine Science* found that commercial-scale extraction of valuable minerals from the ocean floor, which could begin for the first time later this year, would damage habitats and interfere with the way cetaceans communicate.

**Sea Empress: Exactly 27 years since Wales' worst ecological disaster.** Luke Sinclair. *Herald Wales (UK)*. 15 February 2023. Available from: <https://www.herald.wales/national-news/sea-empress-exactly-27-years-since-wales-worst-ecological-disaster/> It's exactly 27 years since Wales' worst ecological disaster – single hull oil tanker hit rocks in the middle of the channel, holing her below the waterline.

**Thousands of microplastic 'nurdles' wash up on Dubai beach.** *The National (UAE)*. 20 February 2023. Available from: <https://www.thenationalnews.com/climate/environment/2023/02/20/thousands-of-microplastic-nurdles-wash-up-on-dubai-beach/> Surfers and city workers gathered to clean up Sunset Beach on Sunday after thousands of nurdles, little plastic balls, were washed ashore.

**UNEP finds Nord Stream gas leak may be the highest methane emission event, but still a drop in the ocean.** *United Nations Environment Programme (UNEP)*. 21 February 2023. Available from: <https://www.unep.org/technical-highlight/unep-finds-nord-stream-gas-leak-may-be-highest-methane-emission-event-still> The United Nations Environment Programme (UNEP) conducted an analysis on the magnitude of methane leaked following the incident on the Nord Stream natural gas pipelines, in the Baltic Sea, last September.

**Tanker Operator Claims Sheen Came from Legal Biofuel Discharge.** *Maritime Executive*. 22 February 2023. Available from: <https://www.maritime-executive.com/article/tanker-operator-claims-visible-sheen-came-from-legal-biofuel-discharge> When Spanish authorities spotted a tanker trailing a visible sheen in broad daylight, they may have thought that they had found an easy MARPOL charge.

**The Minister of Transport launches new program to further prevent aquatic invasive species in the Great Lakes and St. Lawrence River regions.** *Government of Canada*. 22 February 2023. Available from: <https://bit.ly/3TOQ793> Today, the Minister of Transport, the Honourable Omar Alghabra, announced \$12.5 million in funding to launch the Ballast Water Innovation Program as part of Canada's Oceans Protection Plan.

**Troubled waters: Advocates await federal solutions to container ship spills and lost sea cans.** Evert Lindquist. *Capital Daily (Canada)*. 23 February 2023. Available from: <https://www.capitaldaily.ca/news/troubled-waters-advocates-await-federal-solutions-container-ship-spills-ost-sea-cans> Christmas decorations, footwear, fridge parts, takeout container lids and urinal mats – those are just some of the products that washed ashore for months after the *MV Zim Kingston* spill off the west coast of Vancouver Island on Oct. 21, 2021.

**Special report: Deluge of tiny plastic pellets pollutes Scots coast.** Laura Smith. *Sunday Post (UK)*. 26 February 2023. Available from: <https://www.sundaypost.com/fp/war-on-nurdles-special-report-deluge-of-tiny-plastic-pellets-pollutes-scots-coast/> At first glance, the sandy beach beside the picturesque village of Limekilns on the Firth of Forth is like many across Scotland, strewn with seashells and seaweed, frequented by dog walkers and popular with families, children and tourists in the summer.

## HEALTH & SAFETY

**Mercy Ships' care goes beyond treating those onboard.** *Lloyd's Register*. 10 February 2023. Available from: <https://www.lr.org/en/insights/articles/mercy-ships-care-goes-beyond-treating-those-onboard/> Central to the vision of medical charity Mercy Ships is the belief that the corrective operations and hospital care it offers free of charge to some of the world's poorest disabled and sick in sub-Saharan Africa, should be of lasting benefit to their communities as well.

**BSM partners with ISWAN to provide company-wide Maritime Mental Health Awareness training to crew.** *International Seafarers' Welfare and Assistance Network (ISWAN)*. 21 February 2023. Available from: <https://www.seafarerswelfare.org/news/2023/bsm-partners-with-iswan-to-provide-company-wide-maritime-mental-health-awareness-training-to-crew> The partnership will see ISWAN's experienced network of Associate Trainers deliver six training sessions per month over a two-year period to officers on BSM-managed vessels.

## IMO

**The IMO's unified interpretations of the LLMC and CLC Conventions clarify the right to limit liability.** James Severn and Edward White. *Gard*. 1 February 2023. Available from: <https://www.gard.no/web/articles?documentId=34869456> A challenge for shipowners and their insurers engaged in international trade is to ensure that a common set of guidelines or standards for ship related liabilities apply across the different trading nations.

**IMO working on helping stranded ships in Ukraine, Kitack Lim says.** Harry Papachristou. *TradeWinds*. 9 February 2023. Available from: <https://www.tradewindsnews.com/insurance/imo-working-on-helping-stranded-ships-in-ukraine-kitack-lim-says/2-1-1401670> The head of the International Maritime Organization says he is busy working on finding a way out for ships stuck in Ukraine "as soon as possible".

**China and India among developing countries seeking delay in revision of shipping's emission strategy.** Michelle Wiese Bockmann. *Lloyd's List*. 15 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143989> A dozen countries have called for a five-year delay in finalising and adopting revised shipping decarbonisation targets.

**IMO to address CII concerns post review.** Enes Tunagur. *Lloyd's List*. 16 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144010/> The International Maritime Organization will address all concerns surrounding its new Carbon Intensity Indicator rules once a review process is complete, according to IMO's marine environment division director Arsenio Dominguez.

**Global framework needed for improved maritime sector – IMO General Secretary.** *Ghana Business News (GBN)*. 17 February 2023. Available from: <https://www.ghanabusinessnews.com/2023/02/17/global-framework-needed-for-improved-maritime-sector-imo-general-secretary/> Mr Kitack Lim, Secretary General, International Maritime Organisation (IMO), says for the maritime industry to strive for green shipping amidst mounting climate shocks, a comprehensive global framework for the maritime sector was needed.

**Thailand confident to pass International Maritime Organization (IMO) evaluation.** *Pattaya Mail (Thailand)*. 22 February 2023. Available from: <https://www.pattayamail.com/thailandnews/thailand-confident-to-pass-international-maritime-organization-imo-evaluation-424955> The Thai government is confident it will receive perfect evaluation scores from the International Maritime Organization on maritime transport and environmental protection.

## **LAW & POLICY**

**EU's green initiatives can accelerate change.** *Danish Shipping*. 1 February 2023. Available from: <https://www.danishshipping.dk/en/press/news/eus-green-initiatives-can-accelerate-change> With a new proposal for support for a green transition, the EU has laid the foundations for a faster farewell to fossil fuels.

**Global Logistics 2023: Supply chains under pressure.** Dagmar Trepins. *Logistics Management*. 2 February 2023. Available from: [https://www.logisticsmgmt.com/article/global\\_logistics\\_2023\\_supply\\_chains\\_under\\_pressure](https://www.logisticsmgmt.com/article/global_logistics_2023_supply_chains_under_pressure) Supply chains worldwide will continue to be caught between politics, economics and ecology in the future.

**Maritime Anti-Piracy Bill passed by Indian Parliament.** *International Chamber of Shipping (ICS)*. 2 February 2023. Available from: <https://www.ics-shipping.org/news-item/maritime-anti-piracy-bill-passed-by-indian-parliament/> India's Anti-Maritime Piracy Bill represents India's first piece of domestic legislation specifically written to criminalise maritime piracy on the high seas and allow Indian authorities to respond.

**Major conference gets underway to find pathway towards 30% ocean protection target.** *Carbon Pulse*. 3 February 2023. Available from: <https://carbon-pulse.com/190330/> Some 3,000 government officials, scientists, conservation professionals, NGOs, and Indigenous groups have gathered in Vancouver, Canada to spend the next week laying the groundwork for meeting the Global Biodiversity Framework of protecting 30% of global oceans by the end of the decade.

**Maritime Agency Seeks Private Sector Participation In Deep Blue Economy.** David Adekunle. *Voice of Nigeria (VON)*. 3 February 2023. Available from: <https://von.gov.ng/maritime-agency-seeks-private-sector-participation-in-deep-blue-economy/> The Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA), Dr. Bashir Jamoh has called for more private sector participation in the deep blue economy initiative to harness greater benefits from the maritime industry.

**Ghana Hosts 17<sup>th</sup> Extraordinary Session of General Assembly of MOWCA.** *News Ghana*. 5 February 2023. Available from: <https://newsghana.com.gh/ghana-hosts-17th-extraordinary-session-of-general-assembly-of-mowca/> The 17<sup>th</sup> Extraordinary session of the General Assembly of the Maritime Organisation of West and Central Africa (MOWCA) has been held in Accra, Ghana to enable the organisation perform more effectively in steering the affairs of the region's maritime industry.

**A pricey omission: not charging ships for their pollution costs the UK dearly.** *Transport & Environment*. 6 February 2023. Available from: <https://www.transportenvironment.org/discover/a-pricey-omission-not-charging-ships-for-their-pollution-costs-the-uk-dearly> New analysis by Transport & Environment (T&E) shows that in 2021, carbon dioxide (CO<sub>2</sub>) emissions from UK shipping were 22 million tonnes (Mt) – equivalent to 11 million cars. [Briefing](#) 📄

**RMT demands welfare protections for Seafarers in government bill.** *National Union of Rail, Maritime and Transport Workers (RMT)*. 6 February 2023. Available from: <https://www.rmt.org.uk/news/rmt-demands-welfare-protections-for-seafarers-in-government/> Maritime union, RMT has written to the Transport Secretary demanding that the government beef up its Seafarers Wages Bill with greater protections for crews on ships.

**Major Shipping Line Seeks Supply-Chain Overhaul as Chaos Roils Global Trade.** Ann Koh. *Bloomberg*. 8 February 2023. Available from: <https://www.bnnbloomberg.ca/major-shipping-line-seeks-supply-chain-overhaul-as-chaos-roils-global-trade-1.1880896> Increasing volatility in global supply chains means shipping lines must undergo a radical restructuring to survive, according to A.P. Moller-Maersk A/S.

**Ottawa misses opportunity to protect oceans from ship pollution at IMPAC5: Stand.earth reacts.** *Stand.earth*. 8 February 2023. Available from: <https://stand.earth/press-releases/ottawa-misses-opportunity-to-protect-oceans-from-ship-pollution-at-impac5-stand-earth-reacts/> Canada's federal government announced in Vancouver today that it would enforce minimum standards for marine protected areas to prohibit oil and gas exploration and exploitation, mining, and bottom trawling, but failed to include regulations on vessel discharges – providing little relief for coastal communities preparing for cruise season this spring.

**Looking North: The UK and the Arctic. The United Kingdom's Arctic Policy Framework.** *UK Government*. 9 February 2023. Available from: <https://www.gov.uk/government/publications/looking-north-the-uk-and-the-arctic/looking-north-the-uk-and-the-arctic-the-united-kingdoms-arctic-policy-framework> While the United Kingdom is not an Arctic State, we have a strong and enduring connection to the region as the Arctic's nearest neighbour.

**Statement on Seabed Mining.** *Government of Canada.* 9 February 2023. Available from: <https://www.canada.ca/en/natural-resources-canada/news/2023/02/statement-on-seabed-mining.html> The protection, conservation, restoration, and sustainable and equitable use of the global ocean is essential for all life on earth, and we must continue to safeguard its integrity and connectivity.

**Canada declares moratorium on deep-sea mining at global ocean conservation summit.** Rochelle Baker. *National Observer (Canada).* 9 February 2023. Available from: <https://www.nationalobserver.com/2023/02/09/news/canada-declares-moratorium-deep-sea-mining-global-conservation-summit> Canada has announced a moratorium on deep-sea mining in both territorial and international waters on the last day of a global ocean conservation summit.

**Korean Envoy: Nigeria Gateway to Africa's Blue Economy.** Eromosele Abiodun. *This Day (Nigeria).* 10 February 2023. Available from: <https://www.thisdaylive.com/index.php/2023/02/10/korean-envoy-nigeria-gateway-to-africas-blue-economy/> The Deputy Minister for Overseas Koreans and Consular Affairs, Republic of Korea, Choi Yeong has described Nigeria as the gateway to unlocking the potentials of the African continent's blue economy.

**On climate, most corporations more talk than action.** *France 24.* 13 February 2023. Available from: <https://www.france24.com/en/live-news/20230213-on-climate-most-corporations-more-talk-than-action> The world's biggest and richest companies are failing to deliver on their climate pledges, according to an in-depth analysis released Monday that calls on governments to crack down on corporate greenwashing.

**To End Illegal Fishing, Countries Must Work Together.** Katherine Hanly and Tahiana Fajardo Vargas. *Pew Charitable Trusts.* 13 February 2023. Available from: <https://www.pewtrusts.org/en/research-and-analysis/articles/2023/02/13/to-end-illegal-fishing-countries-must-work-together> Although illegal, unreported, and unregulated (IUU) fishing may occur in the waters of one country, it typically affects other countries as well.

**Parliamentary committee evaluates decision to join IALA, IMSO.** *Public Service Media (Maldives).* 13 February 2023. Available from: <https://psmnews.mv/en/116709> The Parliamentary Committee on Foreign Relations has begun evaluating the decision to join the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) and the International Mobile Satellite Organisation (IMSO).

**Commission sets out rules for renewable hydrogen.** *European Commission.* 13 February 2023. Available from: [https://ec.europa.eu/commission/presscorner/detail/en/ip\\_23\\_594](https://ec.europa.eu/commission/presscorner/detail/en/ip_23_594) Today, the Commission has proposed detailed rules to define what constitutes renewable hydrogen in the EU, with the adoption of two Delegated Acts required under the Renewable Energy Directive. [Questions and Answers on the EU Delegated Acts on Renewable Hydrogen](#)

**MSC Statement Re MSC Danit Settlement.** *Hellenic Shipping News.* 13 February 2023. Available from: <https://www.hellenicshippingnews.com/msc-statement-re-msc-danit-settlement/> MSC Mediterranean Shipping Company confirms it has accepted a proposal to jointly fund a settlement with claimants relating to the 2021 Orange County pipeline oil spill.

**IMF Says Gulf Economies Really Are Weaning Themselves Off Oil.** Abeer Abu Omar. *Bloomberg*. 13 February 2023. Available from: <https://www.bnnbloomberg.ca/imf-says-gulf-economies-really-are-weaning-themselves-off-oil-1.1883143> Governments in the energy-producing Gulf region have made progress toward diversifying their economies away from oil by opening up to private investment and breaking the taboo of collecting taxes, the head of the International Monetary Fund said.

**Ukraine trapped vessels' hopes hinge on Black Sea grain initiative renewal.** Adam Corbett. *TradeWinds*. 14 February 2023. Available from: <https://www.tradewindsnews.com/insurance/ukraine-trapped-vessels-hopes-hinge-on-black-sea-grain-initiative-renewal/2-1-1403604> All eyes are on the upcoming renewal of the United Nations' Black Sea Grain Initiative to offer ships trapped in the Ukrainian ports of Mykolaiv and Kherson an opportunity to get out.

**Open Debate on Sea-Level Rise and its Implications for International Peace and Security.** *Security Council Report*. 14 February 2023. Available from: <https://www.securitycouncilreport.org/whatsinblue/2023/02/open-debate-on-sea-level-rise-and-its-implications-for-international-peace-and-security.php> Tomorrow (14 February), the Security Council will convene for a ministerial-level open debate on sea-level rise and its implications for international peace and security, one of the signature events of the Maltese Council presidency.

**WWF: High Seas Treaty critical to achieving 30% global ocean protection goal.** *WWF*. 14 February 2023. Available from: [https://wwf.panda.org/wwf\\_news/press\\_releases/?7704966](https://wwf.panda.org/wwf_news/press_releases/?7704966) The Fifth Intergovernmental Conference, or IGC5, to negotiate a legally binding agreement took place last August, but recessed on the final day due to too many issues to resolve.

**DFA, US, Australia protest 'provocative' China laser-pointing.** Joyce Ann L. Rocamora. *Philippine News Agency (PNA)*. 14 February 2023. Available from: <https://www.pna.gov.ph/articles/1195144> The Philippine government on Tuesday fired off a diplomatic protest against China over its latest aggressive activities near Ayungin Shoal in the West Philippine Sea, including the "dangerous manoeuvres" and use of military-grade laser on a Philippine Coast Guard (PCG) vessel.

**"Hydrogen-Ready" LNG Infrastructure: An Uncertain Way Forward.** Ade Samuel and Rachel Fakhry. *Natural Resources Defense Council (NRDC)*. 14 February 2023. Available from: <https://www.nrdc.org/experts/ade-samuel/hydrogen-ready-lng-infrastructure-uncertain-way-forward> Countries in both Europe and Asia are branding their build-out of LNG infrastructure as consistent with climate targets, claiming that their LNG terminals are "hydrogen-ready"—i.e., they could eventually be converted to hydrogen.

**Government validates national blue economy strategy.** *Kenya News Agency (KNA)*. 15 February 2023. Available from: <https://www.kenyanews.go.ke/government-validates-national-blue-economy-strategy/> The Ministry of Mining, Blue Economy and Maritime Affairs in partnership with Inter Governmental Authority on Development (IGAD) has validated a five-year National Blue Economy Strategy to help the country achieve full potential of her blue resources.

**ECSA statement on FuelEU Maritime negotiations.** *European Community Shipowners' Associations (ECSA)*. 15 February 2023. Available from: <https://www.ecsa.eu/index.php/news/ecsa-statement-fueleu-maritime-negotiations> The European Community Shipowners' Associations supports the objectives of the European Green Deal, EU Climate Law and the Paris Agreement.

**Study: IPCC asks emerging countries to drop coal faster than rich nations did.** Joe Lo. *Climate Home News*. 16 February 2023. Available from: <https://www.climatechangenews.com/2023/02/15/study-ipcc-asks-emerging-countries-to-drop-coal-faster-than-rich-nations-did/> The scientists who plan out how to limit global warming to 1.5C have asked coal-reliant countries to phase out the fuel faster than is realistic, a new study says.

**An ocean of hope: why marine protection matters for people and nature.** Gemma Parkes. *World Economic Forum*. 16 February 2023. Available from: <https://www.weforum.org/agenda/2023/02/an-ocean-of-hope-why-marine-protection-matters-for-people-and-nature/> An effectively protected ocean is essential for the health of planet Earth and all its inhabitants.

**Talks on extending Black Sea grain deal start in a week - Ukraine.** Pavel Polityuk. *Reuters*. 17 February 2023. Available from: <https://www.reuters.com/world/europe/talks-extending-black-sea-grain-deal-start-week-ukraine-2023-02-17/> Negotiations will start in a week on extending a U.N.-backed initiative that has enabled Ukraine to export grain from ports blockaded by Russia after its invasion, a senior Ukrainian official said on Friday.

**Declaration on the fight against cross-border organized drug crime.** *Government of the Netherlands*. 17 February 2023. Available from: <https://bit.ly/431O1H9> Measures must be taken to reduce criminals' chances of success and increase the chances of them being caught and punished.

**Despite challenges, Africa 'poised for progress' – Guterres.** *UN News*. 18 February 2023. Available from: <https://news.un.org/en/story/2023/02/1133657> Mr. Guterres praised the many African Union (AU) initiatives aimed at bringing about this vision for the continent – including Agenda 2063 a blueprint for the Africa of the future, and the Decade of Women's Financial and Economic Inclusion – and the decision to focus on the African Continental Free Trade Area at the Summit which, he said, represents a “truly transformative pathway to job creation and new sources of prosperity for Africans, especially for the youth”.

**Baltic Sea environmental work continues despite Russian difficulties.** Craig Eason. *Fathom.World*. 19 February 2023. Available from: <https://fathom.world/baltic-sea-environmental-work-continues-despite-russian-difficulties/> Experts hope that the geopolitical situation with Russia and Ukraine will not overflow into the Baltic Sea work to clean up the region's sensitive environment.

**UN ocean treaty talks: 'Life support system of our planet'.** *Al Jazeera*. 19 February 2023. Available from: <https://www.aljazeera.com/news/2023/2/19/un-ocean-treaty-talks-resume-with-goal-to-save-biodiversity> United Nations members will gather in New York City in the United States on Monday to resume efforts to forge a long-awaited and elusive treaty to safeguard the world's marine biodiversity. [How should the High Seas be protected? | Inside Story](#)

**Ukrainian grain shipments drop as ship backups grow.** Courtney Bonnell. *Associated Press*. 19 February 2023. Available from: <https://apnews.com/article/united-nations-business-02978d1ab61d70939ff1581b1129d18a> The amount of grain leaving Ukraine has dropped even as a U.N.-brokered deal works to keep food flowing to developing nations, with inspections of ships falling to half what they were four months ago and a backlog of vessels growing as Russia's invasion nears the one-year mark.

**Concerns and impatience over mining the world's seabeds.** *France 24*. 19 February 2023.

Available from: <https://www.france24.com/en/live-news/20230219-concerns-and-impatience-over-mining-the-world-s-seabeds> The prospect of large-scale mining to extract valuable minerals from the depths of the Pacific Ocean, once a distant vision, has grown more real, raising alarms among the oceans' most fervent defenders.

**Geneva Declaration on Human Rights at Sea: Informal Lawmaking in Action?** Natalie Klein.

*University of Oxford*. 20 January 2023. Available from: <https://podcasts.ox.ac.uk/geneva-declaration-human-rights-sea-informal-lawmaking-action> © Natalie Klein, Professor at UNSW Sydney, presents on the Geneva Declaration on Human Rights at Sea, adopted in March 2022 as an initiative of UK charity Human Rights at Sea, and on the Declaration's lawmaking potential.

**Big liners sign anti-drugs pact with the Low Countries.** Harry Papachristou. *TradeWinds*.

20 February 2023. Available from: <https://www.tradewindsnews.com/containerships/big-liners-sign-anti-drugs-pact-with-the-low-countries/2-1-1406660> Five container liner operators have vowed to boost cooperation with Belgium and the Netherlands to help stem a narcotics tide swamping the ports of Antwerp-Bruges and Rotterdam.

**PIF SG statement on the resumed fifth session Intergovernmental Conference on the BBNJ process.** Pita Ligaiula. *Pacific Islands News Association (PINA)*. 21 February 2023. Available from:

<https://pina.com.fj/2023/02/21/pif-sg-statement-on-the-resumed-fifth-session-intergovernmental-conference-on-the-bbnj-process/> Its adoption will be a momentous occasion for humanity as, together with other agreements, it would represent a 'whole ocean' approach, particularly on the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction.

**Stakes for ocean at conference 'couldn't be higher' says Pacific ambassador.** Kelvin Anthony.

*Radio New Zealand*. 22 February 2023. Available from: <https://www.rnz.co.nz/international/pacific-news/484664/> Pacific leaders are urging UN member states to finalise a high seas treaty in the next two weeks to protect global marine biodiversity.

**Eyes on global food prices as Black Sea grain deal nears expiration.** *Daily Sabah (Türkiye)*.

23 February 2023. Available from: <https://www.dailysabah.com/business/economy/eyes-on-global-food-prices-as-black-sea-grain-deal-nears-expiration> While the grain corridor established after Russia's invasion of Ukraine to unlock the grain and food supplies stuck in Ukraine's ports and ship them to global markets played a vital role in resolving the global food crisis, the deal's impending expiration could have a decisive impact on prices.

**Where things stand in the global energy crisis one year on.** Fatih Birol. *International Energy Agency (IEA)*.

23 February 2023. Available from: <https://www.iea.org/commentaries/where-things-stand-in-the-global-energy-crisis-one-year-on> It's almost one year since Russia invaded Ukraine, an act that delivered a massive shock to global energy markets and a crippling blow to Russia's relationship with its biggest customer, the European Union.

**Gender equality and a safer ocean core to international meeting in Cairns, Australia.** *Pacific Community (SPC)*.

26 February 2023. Available from: <https://www.spc.int/updates/news/joint-release/2023/02/gender-equality-and-a-safer-ocean-core-to-international-meeting> 85 Delegates from Australia and Pacific nations are meeting in Cairns this week to help ensure safer and more equitable oceans for the entire region.

**UAE Government MOEI Discusses Key Maritime Projects Ahead of COP28.** *Transport & Logistics Middle East*. 27 February 2023. Available from: <https://www.transportandlogisticsme.com/smart-sea-freight/uae-government-moei-discusses-key-maritime-projects-ahead-of-cop28> In conjunction with the 'UAE Innovates' initiative and in preparation for COP28, the Ministry of Energy and Infrastructure (MOEI) in the UAE organised an awareness workshop for organisations in the maritime sector from the government and private sectors to solicit ideas for maritime initiatives and projects.

**As Intergovernmental Conference on New Maritime Biodiversity Treaty Continues Resumed Session, Speakers Voice Concerns about Proposals, Urge Flexibility.**

*United Nations*. 27 February 2023. Available from: <https://press.un.org/en/2023/sea2171.doc.htm> As the Intergovernmental Conference to draft a new maritime biodiversity treaty went into its second week of negotiations focusing on an updated text, some delegations expressed concern that not all proposals have been reflected in the revisions and called for flexibility, confidence-building and maintaining integrity of the process under the auspices of the Conference President's leadership.

**Worry, frustration as UN tries to finally agree high seas treaty.** *France 24*. 27 February 2023. Available from: <https://www.france24.com/en/live-news/20230227-worry-frustration-as-un-tries-to-finally-agree-high-seas-treaty> UN member states have much work to do to finally agree a treaty to protect the high seas before scheduled negotiations close in five days, participants and observers say.

**UN Ocean Treaty in jeopardy as countries refuse to compromise.** *Greenpeace International*. 27 February 2023. Available from: <https://www.greenpeace.org/international/press-release/58416/> UN Ocean Treaty negotiations are once again stalling as they enter the final week.

**Jamaica hosts regional forum on prevention of maritime pollution.** *The Gleaner (Jamaica)*. 28 February 2023. Available from: <https://jamaica-gleaner.com/article/shipping/20230228/jamaica-hosts-regional-forum-prevention-maritime-pollution> Jamaica recently hosted a regional workshop which addressed challenges faced by some Caribbean states to provide adequate facilities for ships to discharge waste generated during their normal operations.

## MARINE TECHNOLOGY

**The Potential of E-fuels to Decarbonise Ships and Aircraft.** *International Transport Forum*. 24 January 2023. Available from: <https://www.itf-oecd.org/potential-e-fuels-decarbonise-ships-aircraft> This publication examines the potential of novel fuels to decarbonise aviation and maritime shipping. [Report](#)

**The Green Deal Industrial Plan: putting Europe's net-zero industry in the lead.** *European Commission*. 1 February 2023. Available from: [https://ec.europa.eu/commission/presscorner/detail/en/ip\\_23\\_510](https://ec.europa.eu/commission/presscorner/detail/en/ip_23_510) Today, the Commission presents a Green Deal Industrial Plan to enhance the competitiveness of Europe's net-zero industry and support the fast transition to climate neutrality.

**Cruise Lines International Association and SEA Europe issue joint call for maritime technology to be included in the “Green Deal Industrial Plan”.** *Cruise Lines International Association (CLIA)*. 1 February 2023. Available from:

[https://europe.cruising.org/knowledge\\_hub/cli-and-sea-europe-issue-joint-call-for-maritime-technology-to-be-included-in-the-green-deal-industrial-plan/](https://europe.cruising.org/knowledge_hub/cli-and-sea-europe-issue-joint-call-for-maritime-technology-to-be-included-in-the-green-deal-industrial-plan/) Cruise Lines International Association and SEA Europe have called for shipbuilding and maritime equipment manufacturing, known as the maritime technology industry, to be recognised as an integral part of the “Green Deal Industrial Plan”, which was announced by the European Commission today.

**Will CII be maritime’s digital game-changer?** Enes Tunagur. *Lloyd’s List*. 2 February 2023.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143829/Will-CII-be-maritimes-digital-game-changer> New regulations aimed at reducing shipping’s carbon intensity could pave the way for a wider digitalisation effort, as shipowners turn to technology to improve fleet efficiency.

**INTERVIEW: Wilhelmsen’s Roger Strevens on Wind-Assisted Propulsion and Decarbonisation.**

Jack Jordan. *Ship & Bunker*. 2 February 2023. Available from: <https://shipandbunker.com/news/world/943328> Norway-based shipping firm Wallenius Wilhelmsen is making an early bet on wind-assisted propulsion to aid its decarbonisation efforts as it seeks to go beyond the IMO’s GHG cut targets.

**New surveillance technology used in Australia-first trial to stamp out illegal fishing in WA.**

Rachael Clifford. *ABC (Australia)*. 2 February 2023. Available from: <https://www.abc.net.au/news/2023-02-02/automated-bluebottle-vessels-to-monitor-for-illegal-fishing-wa/101919276> A nation-first trial using automated vessels to target illegal fishing is set to take place off Western Australia’s coast.

**OGCI study finds biofuels can help decarbonize shipping as part of a range of low-carbon solutions.** *Oil and Gas Climate Initiative (OGCI)*. 2 February 2023. Available from:

<https://www.ogci.com/ogci-study-finds-biofuels-can-help-decarbonize-shipping-as-part-of-a-range-of-low-carbon-solutions/> A number of different solutions and technologies are being researched to enable the industry to meet its target to halve its greenhouse gas emissions by 2050 compared with a baseline of 2008. [OGCI Transportation Workstream](#)

**Marine Safety Alert 01-23: Saltwater intrusion causes damage to electric vehicle batteries.**

*United States Coast Guard*. 3 February 2023. Available from: [https://www.dco.uscg.mil/Portals/9/DCO%20Documents/5p/CG-5PC/INV/Alerts/USCGSA\\_0123.pdf](https://www.dco.uscg.mil/Portals/9/DCO%20Documents/5p/CG-5PC/INV/Alerts/USCGSA_0123.pdf) Recently, Hurricane IAN caused significant damage and flooding throughout Florida and the Southeastern United States.

**Pew Launches Tool to Advance Marine Protected Areas in High Seas.** *Pew Charitable Trusts*.

5 February 2023. Available from: <https://www.pewtrusts.org/en/about/news-room/press-releases-and-statements/2023/02/05/pew-launches-tool-to-advance-marine-protected-areas-in-high-seas> The Pew Charitable Trusts today released an innovative, data-driven mapping tool—called “Protect High Seas”—that enables United Nations delegates, government decision-makers, and the public to address the urgent need to safeguard waters outside of any country’s purview, regions that are critical to the health of the ocean, climate, planet, and people.

**Major milestone in UK’s race to net zero maritime with £77 million boost.** Mark Harper.

*UK Government*. 6 February 2023. Available from: <https://www.gov.uk/government/news/major-milestone-in-uks-race-to-net-zero-maritime-with-77-million-boost> Zero-emission ferries, cruises and cargo ships will set sail in UK waters within 2 years, creating thousands of new jobs, thanks to a £77 million government investment in clean maritime technology.

**Denmark to put CO2 in seabed in step towards carbon negativity.** Joe Lo. *Climate Home News*. 7 February 2023. Available from: <https://climatechangenews.com/2023/02/07/denmark-to-put-co2-in-seabed-in-step-towards-carbon-negativity/> The Danish government has awarded licenses to three companies to store carbon dioxide under the seabed, as a step towards its target of becoming carbon negative by 2050.

**Wärtsilä and Carnival Corporation partner in sustainability pilot project to reduce plastic waste.** *Wärtsilä Corporation*. 8 February 2023. Available from: <https://www.wartsila.com/media/news/08-02-2023-wartsila-and-carnival-corporation-partner-in-sustainability-pilot-project-to-reduce-plastic-waste-3222288> The technology group Wärtsilä and Carnival Corporation have carried out a joint pilot project to reduce plastic materials being used in marine operations.

**Call for 'data democratisation' to improve maritime sustainability.** *ShipTechnology*. 9 February 2023. Available from: <https://www.ship-technology.com/news/call-for-data-democratisation-to-improve-maritime-sustainability/> The paper, named 'Harnessing Technology for Ship Environmental Compliance', calls for a more collaborative approach to digitalization in the maritime sector so that all organisations can contribute their data insights and collectively share the benefits.

**How Data is Driving Multi-Million Dollar Profits in Shipping.** Sonal Mishra. *Xeneta*. 9 February 2023. Available from: <https://www.xeneta.com/blog/how-data-is-driving-multi-million-dollar-profits-in-shipping> With access to better data, the shipping industry has implemented a globalized revenue optimization model.

**Chatbot technology and shipping.** Mike Konstantinidis. *Splash 247.com*. 13 February 2023. Available from: <https://splash247.com/chatbot-technology-and-shipping/> Digitalisation expert Mike Konstantinidis gives readers insight into what the debut of ChatGPT and its ilk means for our industry.

**Green Seas podcast: The long and winding road to shipping's e-fuels revolution.** Eric Priante Martin. *TradeWinds*. 13 February 2023. Available from: <https://www.tradewindsnews.com/esg/green-seas-podcast-the-long-and-winding-road-to-shipping-s-e-fuels-revolution/2-1-1402015> As TradeWinds recently reported, Heligoland's municipality has hired HPC Hamburg Port Consulting to find out whether it should build a fuelling station to sell green hydrogen to shipping companies that want to power their vessels with this carbon-free fuel.

**Merged marine fuels group Baseblue in push to target green shipping.** Jonathan Saul. *Reuters*. 14 February 2023. Available from: <https://www.reuters.com/markets/carbon/merged-marine-fuels-group-baseblue-push-target-green-shipping-2023-02-14/> International marine fuels group Baseblue, created through the merger of three bunker players, aims to hone in on green shipping as part of the growing push to decarbonise the industry, executives said on Tuesday.

**Green maritime tech of the future to become reality thanks to £60 million boost.** Mark Harper. *UK Government*. 15 February 2023. Available from: <https://www.gov.uk/government/news/green-maritime-tech-of-the-future-to-become-reality-thanks-to-60-million-boost> The UK's race to decarbonise the maritime sector has been given another vital boost, with £60 million in government funding distributed to innovative companies nationwide developing futuristic green technology.

**Using technology to trace the carbon intensity of sustainable marine fuels.** *Lloyd's Register*. 15 February 2023. Available from: <https://www.lr.org/en/latest-news/using-technology-to-trace-the-carbon-intensity-of-sustainable-marine-fuels/> During a recent webinar, speakers from the LR Maritime Decarbonisation Hub and Safetytech Accelerator discussed their new report 'Tracing the true carbon intensity of sustainable marine fuels' which highlights how innovative technologies could be used for the end-to-end assurance of the green fuel supply chain.  
[Tracing the true carbon intensity of sustainable marine fuels](#)

**DCSA's member carriers commit to a fully standardised, electronic bill of lading by 2030.** *Digital Container Shipping Association (DCSA)*. 15 February 2023. Available from: <https://dcsa.org/newsroom/resources/dcsas-member-carriers-commit-to-a-fully-standardised-electronic-bill-of-lading-by-2030/> Container Shipping Association(DCSA) today announces its nine ocean carrier members commit to 100% adoption of an electronic bill of lading (eBL) based on DCSA standards by 2030.

**Costa Group and Proman join forces towards decarbonisation of the cruise industry.** *Proman*. 16 February 2023. Available from: <https://www.proman.org/news/costa-group-and-proman-join-forces-towards-decarbonisation-of-the-cruise-industry/> Costa Group, part of Carnival Corporation and Europe's leading cruise operator with its two brands Costa Cruises and AIDA Cruises, and the leading methanol producer, Proman, have signed an MOU to drive further the implementation of methanol as a marine fuel for the cruise industry.

**Cost and availability main barriers to biofuel adoption in maritime.** Gary Howard. *Seatrade Maritime News*. 16 February 2023. Available from: <https://bit.ly/40FzJd6> Speaking to *Seatrade Maritime News* ahead of his presentation at CMA Shipping 2023, Michael D. Kass, PhD, of the Energy Science & Technology Directorate at Oak Ridge National Laboratory said that the US Department of Energy (DoE) has been evaluating biofuels against four main criteria: potential for greenhouse gas reduction, economic feasibility, technical feasibility, and the availability of feedstock resources.

**Ready for disruptive technologies?** Gwynne Lewis. *Institute of Marine Engineering, Science and Technology (IMarEST)*. 17 February 2023. Available from: <https://bit.ly/40E93t8> Whether developing and operating leading-edge technologies, or interacting with legacy systems, marine professionals are acutely aware of the radical change that lies ahead.  
[Disruptive Technologies in the Marine Sector: 2023 and beyond](#)

**Methanol as marine fuel – is it the solution you are looking for?** *Wärtsilä Corporation*. 20 February 2023. Available from: <https://www.wartsila.com/insights/article/methanol-fuel-for-thought-in-our-deep-dive-q-a> As potential future maritime fuels go, methanol ticks a lot of the right boxes for vessel owners and operators: it dramatically reduces NOx, SOx and particulate emissions, it's easy to store and handle onboard a ship, there are storage and handling facilities close to most major ports.

**GCMD-led consortium successfully completes trialling two supply chains of sustainable biofuels.** *Global Centre for Maritime Decarbonisation (GCMD)*. 21 February 2023. Available from: <https://www.gcfomd.org/post/gcmd-led-consortium-successfully-completes-trialling-two-supply-chains-of-sustainable-biofuels> The Global Centre for Maritime Decarbonisation (GCMD) has successfully completed trialling two supply chains of biofuel blends sourced from different origins.

**Decarbonisation centre finishes two trials for biofuel bunkering.** *Reuters*. 21 February 2023. Available from: <https://www.reuters.com/business/sustainable-business/decarbonisation-centre-finishes-two-trials-biofuel-bunkering-2023-02-21/> The Global Centre for Maritime Decarbonisation has completed trials on two supply chains of biofuel blends for vessel bunkering, the centre said on Tuesday.

**New technology helps avoid whale-ship collisions.** *CBS News (US)*. 21 February 2023. Available from: <https://www.cbsnews.com/video/new-technology-helps-avoid-whale-ship-collisions> An estimated 80 endangered whales are killed by ship strikes every year off the United States' West Coast.

**Autonomous ships are on the horizon: here's what we need to know.** Rudy R. Negenborn, Floris Goerlandt, Tor A. Johansen, Peter Slaets, Osiris A. Valdez Banda, Thierry Vanelslander and Nikolaos P. Ventikos. *Nature*. 27 February 2023. Available from: <https://www.nature.com/articles/d41586-023-00557-5> Ships and ports are ripe for operation without humans — but only if the maritime industry can work through the practical, legal and economic implications first.

**Shell and Hapag-Lloyd collaborate on marine fuel decarbonisation and sign multi-year LNG supply agreement.** *Hapag-Lloyd*. 27 February 2023. Available from: <https://bit.ly/3lSpB1K> Shell Western LNG B.V (Shell) and Hapag-Lloyd today announced the signing of a multi-year agreement for the supply of liquefied natural gas (LNG) to Hapag-Lloyd's ultra large dual-fuel container vessels of 23,500+ twenty-foot equivalent units (TEU).

**Scientists Are Trying to Pull Carbon Out of the Ocean to Combat Climate Change.** John Fialka. *Scientific American*. 27 February 2023. Available from: <https://www.scientificamerican.com/article/scientists-are-trying-to-pull-carbon-out-of-the-ocean-to-combat-climate-change/> There's a growing consensus among climate scientists that in order to avoid the worst effects of global warming, humanity has to find a way to sequester carbon dioxide — and most efforts to date have focused on removing CO<sub>2</sub> from the atmosphere.

**Uncrewed Ships Set to Bring Diversity Boost.** *MarineLink*. 28 February 2023. Available from: <https://www.marinelink.com/news/uncrewed-ships-set-bring-diversity-boost-503206> The maritime industry's movement toward remote vessel operations will not only build a more diverse workforce, it will benefit from it, argues marine robotics company Ocean Infinity.

## MARITIME EDUCATION & TRAINING

**Maritime UK to inspire girls to consider STEM careers in maritime.** Jess Huxley. *Maritime UK*. 1 February 2023. Available from: <https://www.maritimeuk.org/media-centre/news/news-maritime-uk-inspire-girls-consider-stem-careers-maritime/> Maritime UK is to deliver a nationwide 'roadshow' to inspire girls to consider Science, Technology, Engineering and Maths (STEM) careers in the maritime sector.

**Why skills development is vital for shipping's green transition.** *World Economic Forum*. 8 February 2023. Available from: <https://www.weforum.org/agenda/2023/02/why-skills-development-is-vital-for-shipping-s-green-transition/> Moving towards a low-emission global economy will create tens of millions of new 'green jobs' across sectors including shipping.

**Simulation in maritime.** Dennis O'Neill. *Marine Professional (IMarEST)*. 9 February 2023.

Available from: <https://www.imarest.org/themarineprofessional/the-long-read/6754-simulation-in-maritime> Maritime training simulators are becoming increasingly powerful and ubiquitous, but new research reveals that the industry may not yet be using them to their full potential.

**Stream Marine Group enjoys significant growth from Cadets and alternative fuels sides of business.** *Ship Management International*. 9 February 2023. Available from:

<https://shipmanagementinternational.com/stream-marine-group-enjoys-significant-growth-from-cadets-and-alternative-fuels-sides-of-business/> Leading maritime safety training company Stream Marine Group (SMG) has reflected on its most successful year to date in 2022 after trading at twice its size pre-lockdown, thanks to a significant rise of companies seeking its expertise in alternative fuels training.

**Maersk to recruit South African cadets for its global fleet.** *Maersk*. 9 February 2023. Available

from: <https://www.maersk.com/news/articles/2023/02/09/maersk-to-recruit-south-african-cadets-for-its-global-fleet> Following an extensive review process, South Africa has been identified as a high potential crew sourcing destination for the A.P. Moller - Maersk (Maersk) fleet, which comprises 280 fully-owned and operated container vessels, employing 12500 seafarers.

**Marcos to Japan: PH to ensure ready pool of skilled seafarers.** *Philippine News Agency (PNA)*.

9 February 2023. Available from: <https://www.pna.gov.ph/articles/1194839> President Ferdinand R. Marcos Jr. on Thursday assured Japanese shipping companies that his administration would continue to work closely with them to ensure a ready pool of highly-skilled Filipino seafarers required by Japanese maritime companies.

**Maritime cadets encouraged to 'stay the course'.** *Nassau*

*Guardian (Bahamas)*. 13 February 2023. Available from: <https://thenassauguardian.com/maritime-cadets-encouraged-to-stay-the-course/> Bahamas Maritime Cadet Corps (BMCC) were encouraged to "stay the course" by Captain Dwain Hutchinson, Bahamas Maritime Authority (BMA) managing director and CEO who told them that if their journey is to become a chief engineer or a master mariner, it will not be short or an easy one.

**Maritime student leaders organise Maritime Youth Forum for the first time.** *Manifold Times*

13 February 2023. Available from: <https://www.manifoldtimes.com/news/maritime-student-leaders-organise-maritime-youth-forum-for-the-first-time/> Singapore Maritime Foundation on Friday (10 February) said for the first time, student leaders from the maritime clubs of Nanyang Technological University (NTU), Singapore Management University (SMU) and Singapore Polytechnic (SP) came together to organise the Maritime Youth Forum.

**Reducing CO2 emissions and fuel costs with a clean hull: Q&A with Akzo Nobel.**

Mark Smith. *North P&I Club*. 15 February 2023. Available from:

<https://www.nepia.com/articles/reducing-co2-emissions-and-fuel-costs-with-a-clean-hull-qa-with-akzo-nobel/> The recent amendments to MARPOL Annex VI have brought the introduction of the carbon intensity indicator (CII) and CII rating and the Energy Efficiency Existing Ship Index (EEXI), prompting questions on how coatings can be of influence.

**Marina XI allays fears of jobs lost due to alleged deficiencies in seafaring activities.** Joey Sem Dalumpines. *Philippine Information Agency (PIA)*. 21 February 2023. Available from: <https://pia.gov.ph/news/2023/02/21/marina-xi-allays-fears-of-jobs-lost-due-to-alleged-deficiencies-in-seafaring-activities> An official of the Maritime Industry Authority in Davao Region has allayed fears that a total of 40,000 to 50,000 Filipino seafarers under the European flag-vessels nationwide will lose their jobs once the European Maritime Safety Agency (EMSA) would withdraw its recognition on the STCW Convention by Filipino seafarers.

**Oil Spill Responders Upgrade Their Skills.** *Government of the Virgin Islands*. 22 February 2023. Available from: <http://gov.vg/media-centre/oil-spill-responders-upgrade-their-skills> Thirty-five persons have received training from Ambipar Response in best practices for managing oil spill events.

**NaFAA Boss Underscores Impact of WMU In Maritime Sector.** Ibrahim A. Sherif. *Liberia News Agency*. 27 February 2023. Available from: <https://liberianewsagency.com/2023/02/27/nafaa-boss-underscores-impact-of-wmu-in-maritime-sector/> The Director General of the National Fisheries & Aquaculture Authority (NaFAA) Emma Metieh Glassco has highlighted the impact of the World Maritime University (WMU) globally, which according to her, is contributing immensely to the gradual transformation of the Maritime Sector globally.

## MARITIME SAFETY

**U.S. Coast Guard Says to Avoid Loading Electric Vehicles with Saltwater Damage on Ships.** Mike Schuler. *gCaptain*. 6 February 2023. Available from: <https://gcaptain.com/u-s-coast-guard-says-to-avoid-loading-electric-vehicles-with-saltwater-damage-on-ships/> The U.S. Coast Guard is warning the shipping industry of the extreme risk of loading electric vehicles (EV) with damaged Lithium-Ion onto commercial vessels.

**Race to develop shipboard EV fire early detection systems.** Gary Howard. *Seatrade Maritime News*. 8 February 2023. Available from: <https://www.seatrade-maritime.com/casualty/race-develop-shipboard-ev-fire-early-detection-systems> Lithium-ion battery fires can escalate very quickly, reaching very high temperatures much more quickly than a comparable fire from more standard fuels like oil and petroleum.

**Ukraine warns of mines drifting along Black Sea coast due to storm.** Pavel Polityuk. *Reuters*. 14 February 2023. Available from: <https://www.reuters.com/world/europe/ukraine-warns-mines-drifting-along-black-sea-coast-due-storm-2023-02-14/> Shipping and coastal communities around Ukraine's major seaport hub of Odesa received a warning from military officials on Tuesday over the high risk of naval mines drifting along the coast and washing ashore.

**Safety Insights Paper - Enclosed Space Entry.** *RightShip*. 16 February 2023. Available from: <https://rightship.com/insights/safety-insights-paper-enclosed-space-entry> This RightShip Insights series provides industry partners with key learnings from industry incidents, identified gaps and leading practices to improve standards and mitigate risk.

**Safe handling and carriage of scrap metal in bulk.** *Gard*. 16 February 2023. Available from: <https://www.gard.no/web/articles?documentId=34938493> In recent years, Gard has handled a number of claims involving the carriage of scrap metal in bulk and, from time to time, we get enquiries from Members for guidance on the handling and carriage of this cargo.

**Shipping industry grapples with ways to cut cargo fires at sea.** Jonathan Saul and Mark Potter. *Reuters*. 22 February 2023. Available from: <https://www.reuters.com/markets/shipping-industry-grapples-with-ways-cut-cargo-fires-sea-2023-02-22/> Global shipping companies are exploring ways to boost safety in transporting cargoes as risks grow from fires erupting inside containers or in cars at sea, officials said on Wednesday.

**As dark fleet sails into lax flags, more cracks emerge in shipping's international safety order.** Eric Priante Martin. *TradeWinds*. 23 February 2023. Available from: <https://www.tradewindsnews.com/opinion/as-dark-fleet-sails-into-lax-flags-more-cracks-emerge-in-shipping-s-international-safety-order/2-1-1407776> You would be hard-pressed to find a shipping register with as ignoble an inspection record as that of Cameroon.

**Nigeria's Maritime corridor is safe — IBF.** Sulaimon Salau. *Guardian (Nigeria)*. 26 February 2023. Available from: <https://guardian.ng/business-services/nigerias-maritime-corridor-is-safe-ibf/> The International Bargaining Forum (IBF) has removed Nigeria from the list of nations designated as risk maritime corridors.

**Li-ion batteries pose a risk to freight ro-ro services.** Nick Savvides. *The Loadstar*. 27 February 2023. Available from: <https://theloadstar.com/li-ion-batteries-pose-a-risk-to-freight-ro-ro-services/> Lithium-ion (li-ion) battery fires on board containerships have already claimed a couple of high-profile victims, the *X-Press Pearl* and perhaps the *Maersk Honam*.

**The IMO Polar Code six years on: How can we make Arctic shipping safer?** David Snider. *Macdonald-Laurier Institute (Canada)*. 27 February 2023. Available from: <https://macdonaldlaurier.ca/the-imo-polar-code-six-years-on-how-can-we-make-arctic-shipping-safer-david-snider-for-inside-policy/> Perhaps no other country has as much to gain in ensuring safe shipping in polar waters as Canada.

## MARITIME SECURITY

**Enforcement of Fisheries Rules Will Enhance Maritime Governance and Security.** Daniel Schaeffer and Tahiana Fajardo Vargas. *Pew Charitable Trusts*. 1 February 2023. Available from: <https://www.pewtrusts.org/en/research-and-analysis/articles/2023/02/01/enforcement-of-fisheries-rules-will-enhance-maritime-governance-and-security> To many people, the mention of “security at sea” conjures images of naval battles, piracy and nations protecting their shores from foreign aggression.

**How ransomware attack on DNV put ship manager system in limbo.** Paul Berrill. *TradeWinds*. 1 February 2023. Available from: <https://www.tradewindsnews.com/ship-management/how-ransomware-attack-on-dnv-put-ship-manager-system-in-limbo/2-1-1395623> Operators of as many as 1,000 vessels struggling to deal with issues caused by cyber-attack on class society's ShipManager software servers three weeks ago.

**EU supports ECOWAS Multinational Maritime Coordination Center Zone F.** Morkporkpor Anku and Stanley Senya. *Ghana News Agency*. 1 February 2023. Available from: <https://gna.org.gh/2023/02/eu-supports-ecowas-multinational-maritime-coordination-center-zone-f/> The European Union has supported the ECOWAS Multinational Maritime Coordination Center Zone 'F' (MMCC) in Ghana with communication and office gadgets to strengthen maritime security in the Gulf of Guinea.

**Women Serve at the Helm of Security Operations During Exercise Obangame Express 23.**

Taija Griffin. *United States Navy*. 2 February 2023. Available from: <https://www.navy.mil/Press-Office/News-Stories/Article/3287251/> Women leaders are at the center of the maritime operations centers (MOCs) and training execution during Obangame Express 23 (OE23), the largest multinational maritime exercise in Western and Central Africa, Jan. 30, 2023.

**An ocean of weapons: arms smuggling to Somalia.**

David Willima and Tshogofatso Johanna Ramachela. *Institute for Security Studies (ISS)*. 7 February 2023. Available from: <https://issafrica.org/iss-today/an-ocean-of-weapons-arms-smuggling-to-somalia> On 6 January, United States (US) command forces intercepted a dhow in international waters between Iran to Yemen carrying over 2 000 AK-47 assault rifles.

**EU supports MMCC Zone F with monitoring equipment.**

*Business Ghana*. 8 February 2023. Available from: <http://www.businessghana.com/site/news/general/279497> The European Union (EU), through the Support to West Africa Integrated Maritime Security (SWAIMS), has donated monitoring equipment to the Multinational Maritime Coordination Centre (MMCC) Zone F in Accra on Wednesday.

**Operation Hydros: Police, Customs and NZDF recover half a billion dollars' worth of cocaine at sea.**

*Government of New Zealand*. 8 February 2023. Available from: <https://www.police.govt.nz/news/release/operation-hydros-police-customs-and-nzdf-recover-half-billion-dollars%E2%80%99-worth-cocaine> New Zealand authorities have dealt a significant blow to an international criminal syndicate's operation after intercepting 3.2 tonnes of cocaine afloat in the ocean.

**Customs seize 172 kilos of cocaine from a bulk carrier bunkering in Gibraltar waters.**

*Gibraltar Broadcasting Corporation (GBC)*. 8 February 2023. Available from: <https://www.gbc.gi/news/customs-seize-172-kilos-cocaine-bulk-carrier-bunkering-gibraltar-waters> Customs have seized 172 kilos of cocaine in the sea chest compartment of a bulk carrier taking bunkers in British Gibraltar Territorial Waters.

**Gibraltar Seizes Large Amount of Cocaine Hidden in Bulker's Sea Chest.**

*Maritime Executive*. 9 February 2023. Available from: <https://maritime-executive.com/article/gibraltar-seizes-large-amount-of-cocaine-hidden-in-bulker-s-sea-chest> Gibraltar's Customs Service is reporting a significant cocaine seizure made by chance while a bulker was anchored in the bay bunkering after an Atlantic crossing.

**Coast Guard partner PNG to Improve Port Security.**

*Loop Pacific*. 16 February 2023. Available from: <https://www.looppng.com/png-news/coast-guard-partner-png-improve-port-security-117677> Representatives from the U.S. Coast Guard International Port Security Program recently conducted a capacity-building seminar on port security audits in Port Moresby from February 13-16, 2023.

**Israeli-owned vessel attacked in Arabian sea on Feb. 10 - regional security source.**

*Hellenic Shipping News*. 19 February 2023. Available from: <https://www.hellenicshippingnews.com/israeli-owned-vessel-attacked-in-arabian-sea-on-feb-10-regional-security-source/> At least one Israeli-owned vessel was attacked in the Arabian sea on Feb. 10, a regional defence source said on Friday, in an assault that Iran is assumed to have carried out.

**North Korea fires 2 missiles, warns of more launches over Japan.** *Kyodo News (Japan)*.

20 February 2023. Available from: <https://english.kyodonews.net/news/2023/02/ffd38b08d90d-breaking-news-n-korea-fires-ballistic-missile-toward-sea-of-japan-s-korea.html> North Korea fired two ballistic missiles into the Sea of Japan on Monday, the Defense Ministry said, with Pyongyang warning of more launches over the Japanese archipelago as the United States and its East Asian allies held joint exercises.

**US Defense Attache Visits MOWCA, Talks Collaboration.** *This Day (Nigeria)*. 21 February 2023.

Available from: <https://www.thisdaylive.com/index.php/2023/02/22/us-defense-attache-visits-mowca-talks-collaboration/> Secretary General, Maritime Organisation of West and Central Africa (MOWCA), Dr Paul Adalikwu has hosted the Senior Defense Attaché of the United States Embassy in Côte d'Ivoire, Lt. Col. Dean Allen.

**UN Security Council debates Nord Stream pipeline incidents.** *UN News*. 21 February 2023.

Available from: <https://news.un.org/en/story/2023/02/1133752> The Security Council on Tuesday heatedly debated Russia's request for a UN-led inquiry into the September explosions along the Nord Stream natural gas pipelines in the Baltic Sea.

**Seychelles and India sign agreement on information sharing in maritime security.**

Salifa Karapetyan. *Seychelles News Agency*. 23 February 2023. Available from: <http://www.seychellesnewsagency.com/articles/18241/> Maritime safety and security within the Indian Ocean are set to increase and will benefit Seychelles as two centres dealing with and coordinating maritime information exchange signed a memorandum of understanding (MoU) on Tuesday.

## MIGRANTS

**Baby among nine dead from cold and thirst on boat in Mediterranean.** Lorenzo Tondo.

*The Guardian*. 3 February 2023. Available from: <https://www.theguardian.com/world/2023/feb/03/baby-among-dead-cold-thirst-boat-mediterranean> A baby was among nine people including his mother and a pregnant woman who died of cold and thirst on a boat carrying about 50 migrants across the central Mediterranean, Italian authorities have said.

**Mediterranean: Rescue ships save 132 migrants.** *InfoMigrants*. 15 February 2023. Available

from: <https://www.infomigrants.net/en/post/46838/mediterranean-rescue-ships-save-132-migrants> The *Geo Barents* vessel, which belongs to Doctors Without Borders (MSF), rescued 48 migrants (nine of whom were children), the private humanitarian organization said on Monday (February 13).

**At least 60 migrants, including 12 children, die after shipwreck near southern Italy.** *France 24*.

26 February 2023. Available from: <https://www.france24.com/en/europe/20230226-more-than-40-migrants-die-after-boat-sinks-near-southern-italy> The vessel, which sailed from Turkey and was carrying people from Afghanistan, Iran and several other countries, sank in rough seas before dawn near Steccato di Cutro, a seaside resort on the eastern coast of Calabria.

**Timeline: Deadly Mediterranean migrant crossings.** *Reuters*. 27 February 2023. Available from:

<https://www.reuters.com/world/europe/migrant-crossings-mediterranean-leave-thousands-dead-2023-02-26/> Dozens of migrants died on Sunday after they were shipwrecked off southern Italy, the latest such disaster.

## NAVIGATION & COMMUNICATIONS

**How tankers sold in the red-hot tanker sale and purchase market are supercharging dark fleet oil trades.** Michelle Wiese Bockmann. *Lloyd's List*. 2 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143844/> Vintage tankers that have sold for up to three-and-a-half times scrap value are joining the rapidly growing dark fleet shipping sanctioned oil, hiding behind byzantine corporate structures and open registries to obscure their new beneficial owners.

**UKHO to extend timetable for paper chart withdrawal.** *UK Government*. 2 February 2023. Available from: <https://www.gov.uk/government/news/ukho-to-extend-timetable-for-paper-chart-withdrawal> In July last year, we announced our intention to withdraw from the production of paper charts.

**Soaring Data Demand Calls For Advanced Connectivity Solutions.** *Hellenic Shipping News*. 3 February 2023. Available from: <https://www.hellenicshippingnews.com/soaring-data-demand-calls-for-advanced-connectivity-solutions/> Accelerating digital development and evolving expectations are driving rapidly rising demand for maritime connectivity, presenting both challenges and opportunities for the global shipping industry.

**Grain exports out of Ukraine set to accelerate this month.** Sam Chambers. *Splash 247.com*. 3 February 2023. Available from: <https://splash247.com/grain-exports-out-of-ukraine-set-to-accelerate-this-month/> After grain shipments out of Ukraine's three export ports on the Black Sea slumped to a four-month low in January, the signs are that volumes are set to bounce back while the United Nations is busy negotiating an extension of the Black Sea Grain Initiative, which is due for renewal in the middle of March.

**As Arctic shipping traffic increases, Nome grapples with its future "It's like a highway going right past us."** Emily Schwing. *KNBA Radio Alaska*. 3 February 2023. Available from: <https://www.knba.org/news/2023-02-03/as-arctic-shipping-traffic-increases-nome-grapples-with-its-future-its-like-a-highway-going-right-past-us> By 2050, ships traveling through the Arctic's Northwest Passage may not need an icebreaker to escort them for the journey.

**Tanker owners could opt for slow steaming for years to deal with new carbon rules, BRS says.** Matt Coyne. *TradeWinds*. 6 February 2023. Available from: <https://www.tradewindsnews.com/tankers/tanker-owners-could-opt-for-slow-steaming-for-years-to-deal-with-new-carbon-rules-brs-says/2-1-1399879> It could be years before any tankers head to the shipyard to get retrofitted with emissions-cutting technology, BRS Group said.

**Ukraine Crop Deal Misses Target as Russia Slow-Walks Ship Checks.** Kateryna Choursina and Áine Quinn. *Bloomberg*. 6 February 2023. Available from: <https://www.bnnbloomberg.ca/ukraine-crop-deal-misses-target-as-russia-slow-walks-ship-checks-1.1879995> From his post at the mouth of the Black Sea, Ukrainian ship inspector Ruslan Sakhautdinov has seen his Russian counterparts repeatedly slow the flow of his country's grain abroad — from scrutinizing fuel gauges to crews' personal belongings.

**Welcome to the dark side: The rise of tanker shipping's 'shadow fleet'.** Greg Miller. *FreightWaves*. 9 February 2023. Available from: <https://www.freightwaves.com/news/welcome-to-the-dark-side-the-rise-of-tanker-shippings-shadow-fleet> The European Union and G-7 nations, together with Australia and Japan, implemented sanctions against Russian refined products exports Feb. 5.

**Lack of ice on Great Lakes and rivers is helpful to shipping but may have environmental impacts.** Dale Molnar. *Canadian Broadcasting Corporation (CBC)*. 9 February 2023. Available from: <https://www.cbc.ca/news/canada/windsor/shipping-great-lakes-ice-erca-windsor-port-authority-coast-guard-1.6741874> A mild winter has meant not very much ice has formed on the Great Lakes and Lake St. Clair.

**Autonomous minehunter to trial uncrewed operations in the Gulf.** *Royal Navy*. 13 February 2023. Available from: <https://bit.ly/3M4wxUi> Royal Navy Motor Boat Harrier is part of the ten-year programme for replacing the Navy's current fleet of mine counter measure vessels and her time in the region will lay the foundation for future autonomous kit.

**Voyage Optimization Can Slash Emissions by 7.3% -Study.** *MarineLink*. 14 February 2023. Available from: <https://www.marinelink.com/news/voyage-optimization-slash-emissions-study-502899> A vessel's fuel consumption and CO2 emissions can be reduced by up to 7.3% by using voyage optimization software, a recent study shows.

**Explainer: Can Ukraine's grain corridor ease the global food crisis?** Nigel Hunt and Jonathan Saul. *Reuters*. 14 February 2023. Available from: <https://www.reuters.com/markets/commodities/can-ukraines-grain-deal-ease-global-food-crisis-2022-11-17/> It is unclear whether Moscow will extend its participation in a U.N.-backed initiative that has enabled grains to be exported from Ukraine's Black Sea ports.

**London ship insurers accused of enabling fishing vessels to 'go dark'.** Karen McVeigh. *The Guardian*. 14 February 2023. Available from: <https://www.theguardian.com/environment/2023/feb/14/london-ship-insurers-accused-of-enabling-fishing-vessels-to-go-dark> Complaint says switching off tracking devices should raise 'red flags' with insurers, as it could be covering illegal fishing activity and puts crew's lives at risk.

**'Refuse to work': Ukraine slams Russia over Bosphorus grain shipping delays.** Harry Papachristou. *TradeWinds*. 15 February 2023. Available from: <https://www.tradewindsnews.com/bulkers/-refuse-to-work-ukraine-slams-russia-over-bosphorus-grain-shipment-delays/2-1-1404256> As a United Nations-led initiative to ship Ukrainian grain nears its expiration date next month, the government in Kyiv is stepping up its campaign against Russia to renew the deal on more favourable terms for the invaded country.

**Navy hands over ship arrested for switching off AIS to NIMASA.** *Ships & Ports*. 16 February 2023. Available from: <https://shipsandports.com.ng/navy-hands-over-ship-arrested-for-switching-off-ais-to-nimasa/> The Nigerian Navy has arrested a tanker, *MT Sea Eunice*, for switching off its Automatic Identification System (AIS) in violation of International Maritime Organisation (IMO) and Nigerian Maritime Administration and Safety (NIMASA) regulations.

**Russian Shadow Fleet Emerges From Data on Empty Oil Tankers.** Chunzi Xu and Prejula Prem. *Bloomberg*. 17 February 2023. Available from: <https://www.bnnbloomberg.ca/russian-shadow-fleet-emerges-from-data-on-empty-oil-tankers-1.1885348> First, a small armada of oil tankers emerged to help Russia beat sanctions.

**Electronic navigation essential by 2030.** *Maritime Optimisation & Communications*. 23 February 2023. Available from: <https://www.rivieramm.com/news-content-hub/electronic-navigation-essential-by-2030-75109> Wheelhouse technology has always been important for improving navigational safety, but now there is more urgency to upgrade bridge electronics.

**‘Like a highway going right past us’: Nome grapples with its future as Arctic shipping traffic increases.** Emily Schwing. *Alaska Public Media*. 23 February 2023. Available from: <https://alaskapublic.org/2023/02/23/like-a-highway-going-right-past-us-nome-grapples-with-its-future-as-arctic-shipping-traffic-increases/> © By 2050, ships traveling through the Arctic’s Northwest Passage may not need an icebreaker to escort them for the journey.

**Who exactly should command a ship...?** Dennis O’Neill. *Marine Professional (IMarEST)*. 24 February 2023. Available from: <https://www.imarest.org/themarineprofessional/troublespot/6771> Traditionally, a ship’s captain has always been the final arbiter of all onboard decisions.

**Eclipsed, Again: Russia’s Northern Sea Route Will Have to Wait.** Eytan Goldstein. *Harvard International Review*. 24 February 2023. Available from: <https://hir.harvard.edu/eclipsed-again-russias-northern-sea-route-will-have-to-wait/> The history of shipping in the Arctic began in the 1880s when the *Vega*, a ship funded by Swedish and Russian industrialists, successfully travelled through the Northern Sea Route (NSR) from Europe to East Asia.

## PIRACY

**Piracy is evolving, not disappearing.** Bridget Diakun. *Lloyd’s List*. 3 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143856> Piracy activity is a persistent problem for the shipping industry, and data shows the issue is not disappearing but evolving.

**Piracy trends and high risk areas.** *Gard*. 23 February 2023. Available from: <https://www.gard.no/web/articles?documentId=34977995> Despite reports of global piracy declining for the second year in a row, the number of robbery incidents in the Singapore Strait reached a seven-year high in 2022 and vessels anchored in South American ports continue to be attacked by violent perpetrators.

**S. Korea takes command of multinational anti-piracy task force.** *Yonhap News Agency (South Korea)*. 23 February 2023. Available from: <https://en.yna.co.kr/view/AEN20230223007800325> A South Korean Navy officer has taken the rotating command of a multinational task force conducting anti-piracy operations in waters off the Horn of Africa, officials in Seoul said Thursday.

## PORT STATE CONTROL

**Bangladesh scales up efforts to bar any of 69 Russian ships sanctioned by US.** Md. Kamruzzaman. *Anadolu Agency (Türkiye)*. 3 February 2023. Available from: <https://www.aa.com.tr/en/asia-pacific/bangladesh-scales-up-efforts-to-bar-any-of-69-russian-ships-sanctioned-by-us/2805477> Bangladesh has scaled up its efforts to prevent any of the 69 US-sanctioned Russian ships from entering its territory, the Foreign Ministry and local sources said on Friday.

**Maersk Tankers under suspicion of violating sanctions in Spain.** Niklas Krigslund and Dag Holmstad. *ShippingWatch*. 14 February 2023. Available from: <https://shippingwatch.com/carriers/Tanker/article15032192.ece> Danish tanker operator Maersk Tankers is under suspicion of having violated the European Union’s sanctions against Russia.

**US, Việt Nam to counter wildlife trafficking through sea ports.** *Vietnam News*. 16 February 2023. Available from: <https://vietnamnews.vn/environment/1483775/us-viet-nam-to-counter-wildlife-trafficking-through-sea-ports.html> The growing demand for endangered, exotic, and protected wildlife drives a global illegal market, valued at more than US\$20 billion per year.

**Australia bans container ship *MSC Kymea II* for 90 days.** *Australian Maritime Safety Authority (AMSA)*. 28 February 2023. Available from: <https://media.amsa.gov.au/media-release/australia-bans-container-ship-msc-kymea-ii-90-days> AMSA issued the notice following months of sub-standard performance from the ship's operator, MSC Shipmanagement Ltd (MSC), including critical maintenance issues.

## PORTS & HARBOURS

**Corrigendum to DGS Circular No. 02 of 2019 – Compliance with the provisions of MARPOL Annex VI, Regulation 14.** *Government of India*. 31 January 2023. Available from: <https://www.dgshipping.gov.in/WriteReadData/News/202301310412350192745DGSCircularNo02of2023-CompliancewiththeprovisionsofMARPOLRegulation14.pdf> Recognizing that in October 2008, the Marine Environment Protection Committee (MEPC) of the International Maritime Organization (IMO) adopted revisions to the international regulations for the prevention of air pollution from ships (MARPOL Annex VI).

**Indian Government Rebukes Ports and Banning Scrubbers.** *Ship & Bunker*. 3 February 2023. Available from: <https://shipandbunker.com/news/apac/225885> India's government is taking steps to prevent the country's individual port authorities from banning the use of scrubbers without its prior permission.

**Turkish ports halt operations after powerful earthquakes.** Enes Tunagur. *Lloyd's List*. 6 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143872> Iskenderun and Mersin container ports in Türkiye have suspended operations following major earthquakes in the region which have claimed the lives of over 2,500 people.

**Turkey quake: Boxes catch fire at Iskenderun port after shutdown.** Harry Papachristou and Lucy Hine. *TradeWinds*. 6 February 2023. Available from: <https://www.tradewindsnews.com/gas/turkey-quake-boxes-catch-fire-at-iskenderun-port-after-shutdown/2-1-1399449> A major earthquake hitting southeast Turkey and northern Syria has caused operations at Iskenderun, a small Turkish port in the Gulf of Alexandretta, to shut down.

**Port of Iskenderun in Turkey burns after major earthquake.** *Sky News*. 7 February 2023. Available from: <https://news.sky.com/video/port-of-iskenderun-in-turkey-burns-after-major-earthquake-12805035> Infrastructure has been damaged at key places across the region, while Turkey and Syria begin to come to terms with the enormous loss of life caused by the disaster.

**Turkish jets extinguish fire at quake-hit port of Iskenderun.** Merve Aydogan. *Anadolu Agency (Türkiye)*. 7 February 2023. Available from: <https://www.aa.com.tr/en/turkiye/turkish-jets-extinguish-fire-at-quake-hit-port-of-iskenderun/2810557> Turkish jets have extinguished a major fire that broke out at the international Iskenderun Port in southern province of Hatay, the Turkish National Defense Ministry said on Tuesday.

**Fire at Turkey's Iskenderun Port extinguished - defence ministry.** Antony Paone. *Reuters*. 7 February 2023. Available from: <https://www.reuters.com/world/middle-east/shipping-containers-ablaze-turkeys-iskenderun-port-operations-halted-2023-02-07/> A fire that engulfed hundreds of shipping containers at Turkey's Iskenderun Port after massive earthquakes in the region have been extinguished, the defence ministry said on Tuesday, but it was not clear when operations would resume at the port.

**Global container port congestion to decline through 2023.** *Hellenic Shipping News*. 7 February 2023. Available from: <https://www.hellenicshippingnews.com/global-container-port-congestion-to-decline-through-2023/> Pre-berth waiting times showed clear signs of improvement towards the end of 2022 despite, increasing disruption due to transport sector strikes, and this trend is expected to continue through 2023.

**New major port project underway in the Baltic Sea region.** Maria Oien. *ShippingWatch*. 7 February 2023. Available from: <https://shippingwatch.com/Ports/article14962754.ece> In the seas between Sweden and Finland lies the Åland archipelago, where feasibility assessments are now being prepared as part of an effort to establish a "Mega Green Port".

**UN accused of obstructing movement into Houthi-controlled port.** Bridget Diakun. *Lloyd's List*. 7 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143892> Iran-backed Houthis have accused the United Nations of blocking the travel of a ship destined for the port of Hodeidah.

**USDOT Announces More Than \$660 Million Available Through the Port Infrastructure Development Program.** *US Maritime Administration (MARAD)*. 8 February 2023. Available from: <https://www.maritime.dot.gov/newsroom/usdot-announces-more-660-million-available-through-port-infrastructure-development-program> The U.S. Department of Transportation's Maritime Administration (MARAD) has announced a Notice of Funding Opportunity (NOFO) making available more than \$662 million in Federal Fiscal Year (FY) 2023 funding for MARAD's Port Infrastructure Development Program (PIDP).

**Port Everglades to add shore power to eight cruise terminals.** Fatima Bahtić. *Offshore Energy*. 8 February 2023. Available from: <https://www.offshore-energy.biz/port-everglades-to-add-shore-power-to-eight-cruise-terminals/> The Port Everglades has completed a study to add shore power to the port's eight cruise terminals.

**ICTSI's Contecon-Manzanillo becomes Mexico's first carbon-neutral port.** Michele Labrut. *Seatrade Maritime News*. 10 February 2023. Available from: <https://www.seatrade-maritime.com/ports/ictsis-contecon-manzanillo-becomes-mexicos-first-carbon-neutral-port> ICTSI's Contecon Manzanillo operator of the Specialised Container Terminal of the North Zone of the Port of Manzanillo (TEC-II) is the first in the Mexican port industry to be certified carbon neutral.

**Patience wanes over West Coast port-labor talks as cargo drops.** Laura Curtis and Augusta Saraiva. *ShippingWatch*. 13 February 2023. Available from: <https://shippingwatch.com/Ports/article15017473.ece> Talks for a new labor pact between West Coast dockworkers and their employers are stretching into a tenth month, but with no agreement in sight and volumes dropping, patience is wearing thin.

**Greece-owned tankers ship Russian cargoes from Baltic ports.** Michelle Wiese Bockmann. *Lloyd's List*. 14 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143969/> The first Greece-owned, Europe-flagged tankers have been identified loading sanctioned, but price-cap compliant, Russian oil since the introduction this month of European import bans on Russian diesel, fuel oil and other petroleum products.

**Belgian-German energy summit at Port of Antwerp-Bruges.** *Port of Antwerp-Bruges*. 14 February 2023. Available from: <https://newsroom.portofantwerpbruges.com/belgian-german-energy-summit-at-port-of-antwerp-bruges> Prime Minister Alexander De Croo received German Chancellor Olaf Scholz in Zeebrugge today for the Belgian-German energy summit.

**Foreign flagged ships detained in the UK during January 2023 under Paris MOU.** *UK Maritime & Coastguard Agency*. 15 February 2023. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-january-2023-under-paris-mou> During January, there were two new detentions of a foreign flagged vessel in a UK port.

**Saudi Ports Authority and Maersk to develop \$346m logistics park at Jeddah port.** *Arab News (Saudi Arabia)*. 15 February 2023. Available from: <https://www.arabnews.com/node/2251606/> The Saudi Ports Authority, also known as Mawani, and Danish shipping company Maersk on Wednesday announced the establishment of the region's "largest logistics park" at a cost of \$346 million at the Jeddah Islamic Port.

**Highlights from GreenPort Congress Oceania – Day One.** Paula Wallace. *Port Strategy*. 16 February 2023. Available from: <https://www.portstrategy.com/news/highlights-from-greenport-congress-oceania-day-one/1480876.article> Delegates heard from a range of presenters on topics including renewable energy, climate change risks, the role of communities and sustainability in cruise shipping.

**Spanish authorities on alert as ship-to-ship transfers soar nearby.** Adis Ajdin. *Splash 247.com*. 21 February 2023. Available from: <https://splash247.com/spanish-authorities-on-alert-as-ship-to-ship-transfers-soar-nearby/> Spanish authorities detained and charged a Turkish product tanker *Lagertha* for allegedly discharging oil in open waters of the Mediterranean near Tarragona port.

**Stevedores of Odesa's docks know their worth in wartime.** Oliver Marsden. *The National (UAE)*. 22 February 2023. Available from: <https://www.thenationalnews.com/world/europe/2023/02/22/stevedores-of-odesas-docks-know-their-worth-in-wartime/> The air raid sirens at the Port of Odesa sound, on average, four to five times a day.

**Nigeria considers Benin, Ghana model as cargo diversion rises.** Adaku Onyenucheya. *Guardian (Nigeria)*. 22 February 2023. Available from: <https://guardian.ng/business-services/nigeria-considers-benin-ghana-model-as-cargo-diversion-rises/> With the continued diversion of Nigerian-bound cargoes to neighbouring countries, the Federal Government is set on replicating the Ports Community System (PCS) in operation in Benin Republic, Ghana and other neighbouring countries.

**EU's largest port nations want further measures against sanctions evasion.** Peter Thomsen. *ShippingWatch*. 23 February 2023. Available from: <https://shippingwatch.com/regulation/article15110923.ece> Preventing cargoes and central components from finding their way to the Russian war machine does not only require new sanctions.

**Half of maritime incidents in 2022 occurred in ports and terminals.** *RightShip.*

23 February 2023. Available from: <https://rightship.com/insights/half-maritime-incidents-2022-occurred-ports-and-terminals> Where location data is available, 50% of incidents occurred within the port and terminal boundary, including at berth or using facilities, waiting at anchorage, and during harbour transit.

**First cargo ship docks at Yemen's Houthi-controlled Hodeidah port.** Saeed Al-Batati. *Arab News (Saudi Arabia).* 26 February 2023. Available from: <https://www.arabnews.com/node/2258501/>

A commercial ship, carrying 724 containers of various items, docked at Yemen's western port city of Hodeidah for the first time in seven years, the Iran-backed Houthis — who control the port — said on Saturday.

## REGULATIONS

**CII may be flawed, but it is not useless.** Panos Zachariadis. *Lloyd's List.* 8 February 2023.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143911> For greenhouse gas reduction the International Maritime Organization has issued three different types of regulations — design measures (EEDI), technical measures (EEXI) and operational measures (CII).

**'Unfair to everyone': Greek shipowners set their sights on amending the IMO's intensity index.** Harry Papachristou. *TradeWinds.* 10 February 2023. Available from:

<https://www.tradewindsnews.com/regulation/-unfair-to-everyone-greek-shipowners-set-their-sights-on-amending-the-imo-s-intensity-index/2-1-1402252> The Union of Greek Shipowners (UGS) is throwing its weight behind calls for amendments to the IMO's Carbon Intensity Indicator (CII), which entered into force this year.

**Regional regulations bring benefits.** *Hellenic Shipping News.* 11 February 2023. Available from: <https://www.hellenicshippingnews.com/regional-regulations-bring-benefits/> Regional regulation has, in the past, been criticised for unfairly skewing a global market, but localised shipping rules can also be viewed through a positive lens.

**Carbon Intensity Indicator (CII): Prepare for Some Fine-Tuning.** Barry Parker. *gCaptain.*

14 February 2023. Available from: <https://gcaptain.com/carbon-intensity-indicator-cii-prepare-for-some-fine-tuning/> Though the meetings of the IMO Marine Environmental Protection Committee (MEPC) garner much of the attention with the all-important MEPC-80 set for this June, a lot of the detailed work, including the highly technical analytics that come with matters concerning fuel and emissions, occurs in the Working Groups taking place in between MEPC meetings.

**Sulfur regulation from 2020 less costly for carriers than expected.** Daniel Logan.

*ShippingWatch.* 20 February 2023. Available from: <https://shippingwatch.com/regulation/article15104958.ece> Carriers ended up spending several billions of dollars less than expected on the extensive IMO2020 sulfur regulation, which came into force three years back.

## SALVAGE

**X-Press Pearl salvage continues as study shows toxic effects of disaster.** Malaka Rodrigo. *Mongabay*. 8 February 2023. Available from: <https://news.mongabay.com/2023/02/x-press-pearl-salvage-continues-as-study-shows-toxic-effects-of-disaster/> The Singapore-flagged *X-Press Pearl* was a brand-new container ship, only three months after being commissioned, when a fire erupted and began sinking off Sri Lanka's western coast on May 20, 2021.

**Photos: Wreck of X-Press Pearl Lifted from Ocean Floor off Sri Lanka.** *Maritime Executive*. 9 February 2023. Available from: <https://maritime-executive.com/article/photos-wreck-of-x-press-pearl-lifted-from-ocean-floor-off-sri-lanka> Officials from Sri Lanka's Marine Environment Protection Agency (MEPA) are reporting that they expected the remaining components of the containership *X-Press Pearl* which burnt and sunk off Colombo to be removed by this week.

## SEAFARERS

**Seafarers may break law helping stowaways disembark, West of England P&I club warns.**

David Osler. *Lloyd's List*. 2 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143842> P&I Clubs may not be able to arrange immediate repatriation of stowaways, particularly if they lack identity documents, leaving owners to deal with the problem for some time, West of England warned in a loss prevention circular.

**Magna carta bill to put seafarers at disadvantage — shipping industry.** Dale Israel. *CNN Philippines*. 3 February 2023. Available from:

<https://www.cnnphilippines.com/news/2023/2/3/Magna-carta-seafarers-disadvantage-shipping-industry-.html> During a congressional hearing held in Mandaue City, Cebu, the stakeholders told members of the House of Representatives that seafarers in international vessels cannot be classified with counterparts in domestic ships.

**NIMASA deep blue team rescues 7 distressed workers onboard vessel in Lagos.** *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 4 February 2023. Available from:

<https://nimasa.gov.ng/nimasa-deep-blue-team-rescues-7-distressed-workers-onboard-vessel-in-lagos/> A total of 7 distressed workers have been saved by the prompt response of the Nigerian Maritime Administration and Safety Agency (NIMASA) following a distress call to the Director General, Dr. Bashir Jamoh OFR.

**Seafarers seize ship over owed wages and owner neglect, as Senegal shirks obligations to crew.** *International Transport Workers' Federation (ITF)*. 6 February 2023. Available from:

<https://www.itfglobal.org/en/news/seafarers-seize-ship-over-owed-wages-and-owner-neglect-senegal-shirks-obligations-crew> The four crew of the MV *Onda* (IMO 8912467) had been battling to have the engine of their vessel repaired.

**Nowhere to Escape: Speaking out about Sexual Violence at Sea.** *Human Rights at Sea (HRAS)*.

7 February 2023. Available from: <https://www.humanrightsatsea.org/news/nowhere-escape-speaking-out-about-sexual-violence-sea> These women were offered what they thought was the opportunity of a lifetime: cheap accommodation and international travel in exchange for volunteer work on sailing vessels.

**Crew abandonment cost seafarers \$40m in lost wages, says RightShip.** Jonathan Boonzaier.

*TradeWinds*. 8 February 2023. Available from: <https://www.tradewindsnews.com/insight/crew-abandonment-cost-seafarers-40m-in-lost-wages-says-rightship/2-1-1400620> RightShip has again sounded the alarm over crew abandonment as case numbers in 2022 reached a 20-year high.

**Number of crew abandonment cases hits new high.** Sam Chambers. *Splash 247.com*.

8 February 2023. Available from: <https://splash247.com/number-of-crew-abandonment-cases-hits-new-high/> Upwards of 1,682 seafarers coming from 103 vessels were cast adrift as 2022 became the worst year on record for reported cases of seafarer abandonment, according to RightShip.

**Why our thinking on human rights at sea should not end with seafarers.** Neil Henderson. *Gard*.

8 February 2023. Available from: <https://www.gard.no/web/articles?documentId=34899066> For far too long, seafarers have not been given the recognition, support, and respect that they deserve.

**Marina bares initiatives to advance seafarers' welfare.** Yashika F. Torib. *Manila Times*.

15 February 2023. Available from:

<https://www.manilatimes.net/2023/02/15/business/maritime/marina-bares-initiatives-to-advance-seafarers-welfare/1878712> Maritime Industry Authority (Marina) Administrator Hernani Fabia has recently expressed the country's position on the implementation of the Standards of Training, Certification and Watchkeeping (STCW) Convention at the 9<sup>th</sup> Session of the Sub-Committee on Human Element, Training and Watchkeeping (HTW) in London.

**Joint open letter on seafarers still trapped in Ukraine.** *International Chamber of Shipping (ICS)*.

20 February 2023. Available from: <https://www.ics-shipping.org/statement/joint-open-letter-on-seafarers-still-trapped-in-ukraine/> The International Chamber of Shipping, in collaboration with over 30 other organisations and companies, have written a joint open letter urgently calling on the UN Secretary General – His Excellency António Guterres – to prioritise the immediate release of the 331 seafarers and 62 ships that remain trapped in Ukrainian ports.

**Shipowners, industry groups and charities call on UN to evacuate crews trapped in Ukraine.**

Matt Coyne. *TradeWinds*. 20 February 2023. Available from:

<https://www.tradewindsnews.com/bulkers/shipowners-industry-groups-and-charities-call-on-un-to-evacuate-crews-trapped-in-ukraine/2-1-1406397> Thirty-two organisations from across the shipping industry are asking the United Nations to step in and evacuate the 331 seafarers trapped in Ukraine.

**Tanker crew clock up six months in detention as Nigeria case rumbles on.** Paul Peachey.

*TradeWinds*. 20 February 2023. Available from: <https://www.tradewindsnews.com/tankers/tanker-crew-clock-up-six-months-in-detention-as-nigeria-case-rumbles-on/2-1-1406819> The crew of the Ray Car Carriers-owned 300,000-dwt *Heroic Idun* (built 2020) are being held on bail on board the vessel off the coast of Nigeria as lawyers try to thrash out a deal to bring them home.

**Marine company fined £2 million after death of crewman.** *UK Maritime & Coastguard Agency*.

20 February 2023. Available from: <https://maritimecoastguard.blogspot.com/2023/02/marine-company-fined-2million-after.html> Svitzer Marine Ltd pleaded guilty to failing to operate a vessel safely and failing to provide a safe system of work, causing the “avoidable tragedy” of 62-year-old Ian Webb falling into the water.

**Of trapped ships and brave seafarers in the Ukraine war zone.** David Hughes. *Business Times (Singapore)*.

21 February 2023. Available from:

<https://www.businesstimes.com.sg/companies-markets/transport-logistics/trapped-ships-and-brave-seafarers-ukraine-war-zone> A statement from the International Chamber of Shipping (ICS) noted that 12 months ago, 112 vessels crewed by more than 2,000 seafarers were berthed in Ukrainian ports across the Black Sea and the Sea of Azov.

**ICMA: Seafarers' welfare requires proper planning and preparation.** Jason Zuidema. *Safety4Sea*. 21 February 2023. Available from: <https://safety4sea.com/cm-icma-seafarers-welfare-requires-proper-planning-and-preparation/> In an exclusive interview to SAFETY4SEA, Dr. Jason Zuidema, General Secretary of the International Christian Maritime Association (ICMA) refers to the key drivers of crew happiness, highlighting that seafarers are not alone as there is a network for help to rely on.

**UN urged to help foreign seafarers, ships stranded in Ukraine since start of war.** Lori Ann LaRocco. *CNBC (US)*. 22 February 2023. Available from: <https://www.cnn.com/2023/02/22/un-urged-to-help-sailors-ships-trapped-in-ukraine-since-war-started.html> The United Nations is being urged to work for the immediate release of seafarers and vessels trapped in Ukraine for a year, in an urgent letter from the shipping industry to Secretary-General António Guterres.

**At Port of Tacoma, unions step in to help foreign seafarers get paid.** *Seattle Times (US)*. 22 February 2023. Available from: <https://www.seattletimes.com/business/international-trade/at-port-of-tacoma-unions-step-in-to-help-foreign-seafarers-get-paid/> When grain-carrying ship *ASL Uranus* docked in the Port of Tacoma this month, 15 Burmese seafarers spoke up: They hadn't been paid in full for seven months, unlike their Chinese and Vietnamese co-workers.

**Ukraine war: Ukrainian seafarers struggle to adapt.** Harry Papachristou. *TradeWinds*. 22 February 2023. Available from: <https://www.tradewindsnews.com/bulkers/ukraine-war-ukrainian-seafarers-struggle-to-adapt/2-1-1407480> As the realisation sinks in that the war in their country will drag on, much of Ukraine's expatriate seafarer community is digging in for the long haul, rebuilding their lives outside their home country.

**Government Set to Recruit 200,000 Seafarers By 2027.** Bernadette Khaduli. *Kenya News Agency (KNA)*. 22 February 2023. Available from: <https://www.kenyanews.go.ke/government-set-to-recruit-200-000-seafarers-by-2027/> The government plans to recruit at least 40,000 seafarers annually, a move that will make the country achieve its target of having 200,000 seafarers on ships by the year 2027.

**Ukraine's stranded seafarers still in limbo, one year on.** Hanne Cokelaere. *POLITICO*. 23 February 2023. Available from: <https://www.politico.eu/article/ukraine-stranded-seafarer-limbo-year-on/> When Russia launched its bloody invasion of Ukraine, more than 1,000 seafarers on some 140 ships suddenly found themselves stranded in beleaguered ports.

**Crew of detained VLCC have only limited contact with families.** Paul Peachey. *TradeWinds*. 24 February 2023. Available from: <https://www.tradewindsnews.com/law/crew-of-detained-vlcc-have-only-limited-contact-with-families/2-1-1409669> The Nigerian authorities are letting the crew of a detained VLCC make only two short calls a month to their families, says the head of a seafarers' group.

**Covid restrictions still frustrating many at sea.** Sam Chambers. *Splash 247.com*. 27 February 2023. Available from: <https://splash247.com/covid-restrictions-still-frustrating-many-at-sea/> There are still a few seafarers working beyond their contracts, and the odd covid flare-up, such as in China at the start of the year, has some port states instituting quick crew change restrictions.

**Stowaways: how to avoid criminalisation.** *Nautilus International*. 27 February 2023. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/stowaways-how-to-avoid-criminalisation/> Nautilus is asking members to be aware of the legal implications of stowaways onboard, as assisting them can pose a risk of criminalisation for crew.

## SEARCH & RESCUE

**Stella Maris Resumes Ship Visiting in Ukraine.** *Maritime Executive*. 31 January 2023. Available from: <https://www.maritime-executive.com/corporate/stella-maris-resumes-ship-visiting-in-ukraine> Global maritime charity Stella Maris is pleased to announce that it has resumed regular ship visits in the port of Odesa in war-torn Ukraine, after almost a year of not being able to do so due to security and safety concerns.

**Dramatic U.S. Coast Guard Rescue in Pacific Northwest Caught on Video.** Mike Schuler. *gCaptain*. 4 February 2023. Available from: <https://gcaptain.com/dramatic-u-s-coast-guard-rescue-in-pacific-northwest-caught-on-video/> 📺 Some incredible video coming from the U.S. Coast Guard's 13<sup>th</sup> District showing the rescue of a mariner as a wave capsizes his vessel in waters off the Pacific Northwest.

**Tanker Crew Rescues Boater in Distress Off Puerto Rico.** Mike Schuler. *gCaptain*. 6 February 2023. Available from: <https://gcaptain.com/tanker-crew-rescues-boater-in-distress-off-puerto-rico/> The crew of the chemical tanker *Silver Dover* is being praised for rendering assistance to a boater in distress in the Caribbean Sea on Saturday morning, approximately 57 nautical miles southeast of Puerto Rico.

**Italian court declares government decree on sea rescue unlawful.** Natasha Mellersh. *InfoMigrants*. 14 February 2023. Available from: <https://www.infomigrants.net/en/post/46824/italian-court-declares-government-decree-on-sea-rescue-unlawful> A court in Catania, Sicily, declared in a February 6 ruling that an Italian decree issued last November was “unlawful”, referring to restrictions imposed by Italian authorities on the German-flagged ship *Humanity 1*, operated by the Berlin-based non-governmental organization SOS Humanity.

**Italy sea rescue law could put more migrant lives at risk: UN rights chief.** *UN News*. 16 February 2023. Available from: <https://news.un.org/en/story/2023/02/1133607> A proposed new law in Italy on humanitarian search-and-rescue (SAR) operations could hinder the provision of lifesaving assistance in the Central Mediterranean and result in more deaths, UN High Commissioner for Human Rights, Volker Türk warned on Thursday. [Statement](#)

**Emergency Aid delivered to seafarers' families in Türkiye and Syria.** *Seafarers' Trust*. 16 February 2023. Available from: <https://www.seafarerstrust.org/news-and-press-releases/press-releases/emergency-aid-delivered-seafarers-families-turkiye-and-syria> ITF maritime affiliates in Türkiye and Lebanon have delivered £50,000 of emergency aid from the ITF Seafarers' Trust for seafarers' families impacted by the catastrophic earthquake that hit the region last week.

**How Search and Rescue works.** *FRONTEX European Border and Coast Guard Agency*. 16 February 2023. Available from: <https://frontex.europa.eu/media-centre/news/focus/how-search-and-rescue-works-83WoGT> Every year, smugglers send hundreds of thousands of people on treacherous journeys across the sea to reach the European Union.

**Anti-migrant stance puts shipping at risk with growing need to rescue migrants.** Tom Westcott. *The Loadstar*. 16 February 2023. Available from: <https://theloadstar.com/anti-migrant-stance-puts-shipping-at-risk-from-growing-need-to-rescue-migrants/> New legislation, an anti-migrant Italian government and fewer NGO ships could lead to a rise in the number of cargo vessels having to help save migrants at sea.

**Italy's Parliament Approves Measures to Restrict NGO Rescue Vessels.** *Maritime Executive*. 19 February 2023. Available from: <https://maritime-executive.com/article/italy-s-parliament-approves-measures-to-restrict-ngo-rescue-vessels> As Europe resorts to desperate measures to contain a growing immigration crisis, the UN has condemned a move by Italy to enact stringent laws against NGOs and humanitarian groups involved in search and rescue (SAR) missions in the central Mediterranean.

**Ukrainian seafarers now back in labour force.** Sam Chambers. *Splash 247.com*. 21 February 2023. Available from: [https://splash247.com/ukrainian-seafarers-now-back-in-labour-force/?utm\\_source=dlvr.it&utm\\_medium=twitter](https://splash247.com/ukrainian-seafarers-now-back-in-labour-force/?utm_source=dlvr.it&utm_medium=twitter) Ukrainian seafarers have largely returned to international shipping thereby restoring balance in crew availability, reports Danica Crewing Specialists on the anniversary of the war in Ukraine which impacted crewing rotations and seafarer welfare on a huge scale.

## SHIP RECYCLING

**Platform publishes list of ships dismantled worldwide in 2022.** *NGO Shipbreaking Platform*. 1 February 2023. Available from: <https://shipbreakingplatform.org/platform-publishes-list-2022/> Shipbreaking on the beaches of South Asia continues to cause serious harm to workers and the environment despite plunge in number of ships scrapped. [The Toxic Tide Dataset of ships dismantled in 2022](#) 

**Ship Recycling: Positive Steps Made for the Industry.** Nikos Roussanoglou. *Hellenic Shipping News*. 8 February 2023. Available from: <https://www.hellenicshippingnews.com/ship-recycling-positive-steps-made-for-the-industry/> The ship recycling industry is undergoing significant changes in various countries.

**MSC joins ship-scrapping spree, but overcapacity still a prospect.** Martina Li. *The Loadstar*. 14 February 2023. Available from: <https://theloadstar.com/msc-joins-ship-scrapping-sprees-but-overcapacity-still-in-prospect/> MSC is to scrap a containership for the first time in nearly four years, as demolitions in the sector continue to rise amid the lacklustre freight market.

**Alang Upgrades in Quest for "Gold Standard" EU SRR Certification.** Arjun Banerjee. *Maritime Executive*. 22 February 2023. Available from: <https://www.maritime-executive.com/editorials/alang-upgrades-in-quest-for-gold-standard-eu-srr-certification> In 2021, India set an ambitious target to double its ship recycling capacity by 2024, with the aim of generating 150,000 jobs and increasing its ship recycling market share from 30 percent to 50 percent.

**Bangladeshi ship recycling makes a comeback.** Rob Willmington. *Lloyd's List*. 27 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144114/> Bangladeshi ship recyclers are becoming increasingly competitive once again as end buyers have sought alternative sources of financing following letter of credit restrictions imposed by the country's government.

## SHIPBUILDING & SHIPREPAIR

**Win-win for costs and environment.** *Hapag-Lloyd*. 2 February 2023. Available from: <https://www.hapag-loyd.com/en/company/about-us/newsletter/2023/02/win-win-for-costs-and-environment.html> As part of our Fleet Upgrade Program, around 100 ships will be retrofitted with new propellers and bulbous bows – which will reduce their greenhouse gas emissions and represent a big step towards achieving our sustainability goals.

**Wärtsilä and Berge Bulk complete maritime industry's first inline shaft generator retrofit.** *Wärtsilä Corporation*. 7 February 2023. Available from: <https://bit.ly/3KjXKkv> The technology group Wärtsilä has successfully retrofitted an inline shaft generator system on the 'Berge Toubkal', a cape-size bulk carrier owned by Singapore-based Berge Bulk.

**Tack to the future?** Christiaan De Beukelaer. *Inside Story (Australia)*. 8 February 2023. Available from: <https://insidestory.org.au/tack-to-the-future/> A new generation of sailing vessels is highlighting the challenge of reducing shipping emissions.

**Nation's LNG tanker construction steams ahead.** Zhong Nan. *China Daily*. 10 February 2023. Available from: <http://global.chinadaily.com.cn/a/202302/10/WS63e5ab9fa31057c47ebae104.html> The need for China-made liquefied natural gas tankers will remain high and generate profound changes within the global market landscape, driven by burgeoning demand for LNG in many countries such as India, Japan, France and Brazil, market observers said.

**Korean majors led by Sinokor and HMM forge alliance to develop nuclear-powered ships.** Jasmina Ovcina Mandra. *Offshore Energy*. 10 February 2023. Available from: <https://www.offshore-energy.biz/korean-majors-led-by-sinokor-and-hmm-forge-alliance-to-develop-nuclear-powered-ships/> Korean industry majors, led by shipping heavyweights HMM and Sinokor, have joined forces on the development of nuclear-powered ships.

**Wind-powered cargo ships are the future: debunking 4 myths that stand in the way of cutting emissions.** Christiaan De Beukelaer. *The Conversation*. 14 February 2023. Available from: <https://theconversation.com/wind-powered-cargo-ships-are-the-future-debunking-4-myths-that-stand-in-the-way-of-cutting-emissions-199396> 🗣️ Sailing cargo ships are making a genuine comeback.

**S. Korean shipbuilders rule world's eco-friendly vessel market.** Jae-Fu Kim. *Korea Economic Daily (South Korea)*. 14 February 2023. Available from: <https://www.kedglobal.com/shipping-shipbuilding/newsView/ked202302140026> South Korea's shipbuilders have won more than half of the orders to build eco-friendly vessels so this year based on advanced technology to dominate the global market with rapid growth and higher values thanks to tougher environmental regulations.

**HMM steps toward carbon neutrality with nine methanol-fuelled 9,000 TEU containerships.** *Hyundai Merchant Marine (HMM)*. 14 February 2023. Available from: [https://www.hmm21.com/cms/company/engn/introduce/prcenter/news/1212163\\_18539.jsp](https://www.hmm21.com/cms/company/engn/introduce/prcenter/news/1212163_18539.jsp) HMM announced that it has signed newbuilding contracts with Hyundai Samho Heavy Industries (HSI) and HJ Shipbuilding and Construction (HJSC) for nine 9,000 TEU containerships powered by methanol dual-fuel engines.

**Large Korean ships to be green by 2025: Oceans ministry.** Seo Ji-eun. *Korea JoongAng Daily (South Korea)*. 15 February 2023. Available from: <https://koreajoongangdaily.joins.com/2023/02/15/business/economy/Korea-ship-green-fuel/20230215184905072.html> Korean ships 5,000 gross tons and above will be green by 2025 in line with the global trend to reduce carbon emissions, the Ministry of Oceans and Fisheries announced Tuesday.

**Future ships could be powered by wind to fight climate change.** *University of Southampton (UK)*. 22 February 2023. Available from: <https://www.southampton.ac.uk/news/2023/02/future-ships.page> Ships of the future could once again be powered by wind if a pioneering project which retrofits large vessels with ultramodern wing-sails proves successful in cutting carbon emissions.

**Why are large car carrier orders flooding Chinese shipbuilders?** *China Global Television Network (CGTN)*. 26 February 2023. Available from: <https://news.cgtn.com/news/2023-02-26/Why-did-large-car-carrier-orders-flood-Chinese-shipbuilders--1hJqaykYysg/index.html> Chinese shipbuilders won all 17 new orders for pure car and truck carriers (PCTC) worldwide in January.

**Chevron announces lower carbon LNG fleet modification project with sembcorp marine.** *Chevron Corporation*. 26 February 2023. Available from: <https://www.chevron.com/newsroom/2023/q1/chevron-announces-lower-carbon-lng-fleet-modification-project-with-sembcorp-marine> Chevron Corporation, through its subsidiary Chevron Shipping Company LLC, announced entrance into an agreement with Sembcorp Marine Repairs & Upgrades Pte. Ltd, a wholly owned subsidiary of Sembcorp Marine Ltd., intending to reduce the carbon intensity of their LNG fleet operations.

**Better decisions, lower lifecycle costs.** *Naval Architect*. February 2023. Available from: [https://www.rina.org.uk/Better\\_decisions\\_lower\\_lifecycle\\_costs.html](https://www.rina.org.uk/Better_decisions_lower_lifecycle_costs.html) Founded in 1974, Teignbridge Propellers International is a world-leading designer and manufacturer of marine propulsion and stern gear products.

**China moves forward with cruise ambitions.** *Naval Architect*. February 2023. Available from: [https://www.rina.org.uk/China\\_moves\\_forward\\_with\\_cruise\\_ambitions.html](https://www.rina.org.uk/China_moves_forward_with_cruise_ambitions.html) China's push to expand its presence in the cruise ship construction sector is in the spotlight again, with China State Shipbuilding Corporation (CSSC) releasing further details for its joint venture with US-based Carnival Corporation, and also previewing a new luxury cruise ship design.

## SHIPPING

**INTERVIEW: No time to wait for inclusion of well-to-wake perspective in EU ETS, says Danish Shipping.** Rhys Berry. *Bunkerspot*. 1 February 2023. Available from: <https://www.bunkerspot.com/global/58254> Shipping's inclusion in the EU Emissions Trading System (EU ETS) in a way that drives the transition to cleaner fuels has been one of Danish Shipping's 'must win' battles.

**Maritime logistics unplugged.** Ana Casaca. *Splash 247.com*. 1 February 2023. Available from: <https://splash247.com/maritime-logistics-unplugged/> Ana Casaca, the CEO of World of Shipping Portugal, gives readers a detailed look at how shipping companies are embracing logistics in their own individual ways.

**Car carriers booked solid, container ships being considered.** *Korea JoongAng Daily (South Korea)*. 2 February 2023. Available from: <https://koreajoongangdaily.joins.com/2023/02/02/business/industry/containers-carriers-cargo-ships/20230202183325485.html> The Ministry of Oceans and Fisheries proposed the use of container ships to export new cars in order to support automobile exports, as some car producers have cars to sell, but no way to ship them.

**Ship Lease Blind Spot Could Undermine Pollution Remediation Efforts.** Ira Breskin. *gCaptain*. 3 February 2023. Available from: <https://gcaptain.com/ship-lease-blind-spot-could-undermine-pollution-remediation-efforts/> Failure of a benchmark ship lease to address the environmental and financial impact of charterers' operational decisions could undercut the industry's latest pollution remediation efforts.

**Can a French Shipping Giant Make Marseille the Capital of the Mediterranean?** Cole Stangler. *Foreign Policy*. 4 February 2023. Available from: <https://foreignpolicy.com/2023/02/04/france-shipping-marseille-cma-cgm-saade/> This is the headquarters of CMA CGM, the world's third-largest container shipping company—and inside, times have never been so good.

**Industry must shoulder its fair share of green tech risk, says UK shipping minister.** Richard Meade. *Lloyd's List*. 6 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143877> The UK government is looking to the private sector to shoulder more of the risk involved in green technology research and development, and at least match current government investments, according to Maritime Minister Baroness Charlotte Vere.

**A snapshot of which flag states take their responsibilities seriously.** David Hughes. *Business Times (Singapore)*. 7 February 2023. Available from: <https://www.businesstimes.com.sg/international/snapshot-which-flag-states-take-their-responsibilities-seriously> Every January, the International Chamber of Shipping (ICS) publishes its annual Shipping Industry Flag State Performance Table.

**Drewry: Despite strong long-term investment case, looming uncertainties dampen our near-term outlook.** *Hellenic Shipping News*. 7 February 2023. Available from: <https://www.hellenicshippingnews.com/drewry-despite-strong-long-term-investment-case-looming-uncertainties-dampen-our-near-term-outlook/> After a slow start in 1Q22, stocks prices slumped for two consecutive quarters – 2Q22 and 3Q22.

**Carbon mechanism could knock 12% off EU industrial imports.** *International Chamber of Shipping (ICS)*. 7 February 2023. Available from: <https://www.ics-shipping.org/news-item/carbon-mechanism-could-knock-12-off-eu-industrial-imports/> A new measure to stop emissions being shifted to countries outside the European Emissions Trading Scheme (ETS) will have a significant impact on trade flows in several key industrial sectors, a European Commission assessment has revealed.

**Patient persistent Pacific research and diplomacy moves shipping ambition.** Grant Rowles. *Splash 247.com*. 8 February 2023. Available from: <https://splash247.com/patient-persistent-pacific-research-and-diplomacy-moves-shipping-ambition/> The Republic of the Marshall Islands and the Solomon Islands lodged new submissions at the IMO this week, calling for greatly increased and 1.5 commensurate levels of ambition, commitment to an equitable global transition and for shipping to agree to a high price on GHG.

**Dozens of cargo ships left stranded by impact of sanctions regimes.** Paul Peachey.

*TradeWinds*. 8 February 2023. Available from: <https://www.tradewindsnews.com/law/dozens-of-cargo-ships-left-stranded-by-impact-of-sanctions-regimes/2-1-1400644> Dozens of ships have been forced by global sanctions regimes to stop trading in cases that have flown below the radar, according to an influential group of London lawyers.

**Sexual assault is ‘the elephant in the room’ for shipping.** Gary Howard. *Seatrade*

*Maritime News*. 8 February 2023. Available from: <https://www.seatrade-maritime.com/crewing/sexual-assault-elephant-room-shipping> Addressing sexual assault and sexual harassment (SASH) in the maritime industry is essential for seafarer welfare and attracting new talent, on a national and international level.

**Annual Meeting of High Level Advisory Group for WMU Empowering Women Programme.**

*World Maritime University (WMU)*. 9 February 2023. Available from: <https://www.wmu.se/news/annual-meeting-of-high-level-advisory-group-for-wmu-empowering-women-programme> On 31 January, the World Maritime University (WMU) - Sasakawa Global Ocean Institute hosted the third annual meeting of the High Level Advisory Group for the Empowering Women for the United Nations Decade of Ocean Science for Sustainable Development Programme.

**Green shipping: experiences from EU funded projects.** *European Commission*.

9 February 2023. Available from: [https://cinea.ec.europa.eu/news-events/news/green-shipping-experiences-eu-funded-projects-2023-02-09\\_en](https://cinea.ec.europa.eu/news-events/news/green-shipping-experiences-eu-funded-projects-2023-02-09_en) CINEA organised a workshop to showcase CINEA EU funded projects in the area of green shipping on 8 December 2022, to discuss: The contribution of a selection of EU funded projects under EMFF, Horizon 2020, CEF Transport and Innovation Fund to the decarbonisation of the shipping sector.

**Inspiring women in maritime.** Melina Etches. *Cook Islands News*. 9 February 2023.

Available from: <https://www.cookislandsnews.com/internal/national/local/inspiring-women-in-maritime/> The Bank of the Cook Islands yesterday hosted female crew members of the visiting US Coast Guard Cutter (USCGC) *William Hart*.

**ICS to put new proposal for fund-and-reward carbon levy to the IMO.** Paul Berrill. *TradeWinds*.

10 February 2023. Available from: <https://www.tradewindsnews.com/insight/ics-to-put-new-proposal-for-fund-and-reward-carbon-levy-to-the-imo/2-1-1399600> The International Chamber of Shipping (ICS) has put together a plan for a fund-and-reward system using the concept of contracts for difference (CfDs) to narrow the gap between alternative and fossil fuels — but, based on carbon emissions, it said it would cost less and help pay for a global transition to a net-zero future.

**Poseidon Principles – Where are we now?** Ioanna Tsekoura. *Clyde & Co LLP*. 10 February 2023.

Available from: <https://www.clydeco.com/en/insights/2023/02/poseidon-principles-where-are-we-now> The Poseidon Principles, which date back to 2019, provide a framework agreement aimed at aligning shipping investors with the IMO 2050 requirement to reduce total annual greenhouse gas emissions by at least 50% by 2050 compared to 2008 - whilst pursuing efforts to phase them out entirely by 2100.

**Why ESG Matters for the Decarbonization of Shipping.** Brian Gicheru Kinyua. *Maritime*

*Executive*. 12 February 2023. Available from: <https://maritime-executive.com/article/why-esg-matters-for-decarbonization-of-shipping> With shipping companies making ambitious investments in decarbonization, the debate around creation of robust ESG (Environmental, Social, and Governance) strategies for the industry has become imperative.

**Navigating the high seas of sustainability.** Simon Doran. *GAC Group*. 12 February 2023.

Available from: <https://www.gac.com/insights/navigating-the-high-seas-of-sustainability>

The worldwide commercial shipping fleet sailing our oceans on any given day has grown over the last decade, from around 5,000 ships in 2011 to 6,000 ships in 2022.

**Passenger Vessels: Rising to the Challenge.** Mike Corrigan. *MarineLink*. 13 February 2023.

Available from: <https://www.marinelink.com/news/passenger-vessels-rising-challenge-502859>

Interferry CEO Mike Corrigan explains the driving forces behind the global trade association's imperative to keep its foot on the gas.

**The carbon intensive shipping activities on the high seas could become a potential barrier against the worldwide carbon mitigation and sustainability efforts.** *EurekAlert!*

13 February 2023. Available from: <https://www.eurekalert.org/news-releases/979524> This study is led by Dr. Shouyang Wang from the Academy of Mathematics and Systems Science, Chinese Academy of Sciences, and Dr. Dabo Guan from Tsinghua University.

**Is the EU About to Ignore the Impact of Shipping's Black Carbon Emissions in the Arctic?**

*Clean Arctic Alliance*. 14 February 2023. Available from: <https://cleanarctic.org/2023/02/14/is-eu-about-to-ignore-impact-of-shippings-black-carbon-emissions-in-arctic/> "The EU's Fit for 55 Fuel EU Maritime Regulation outcome being discussed in Strasbourg this week already fails to include a provision to regulate black carbon emissions, the largest source of shipping's climate warming impact after CO2..."

**Lyttelton 'overrun and overwhelmed' by cruise ship passengers.** Tina Law. *Stuff (New Zealand)*.

14 February 2023. Available from: <https://www.stuff.co.nz/the-press/news/131213190/> Lyttelton is being "overrun and overwhelmed" by the volume of cruise ship passengers, residents say.

**The International Chamber of Shipping reaffirms commitment to 2050 net zero.**

*International Chamber of Shipping (ICS)*. 15 February 2023. Available from: <https://bit.ly/40qUA4g>

The International Chamber of Shipping (ICS) sets out full details of 'Fund and Reward' proposal to the UN International Maritime Organization (IMO).

**Africa could be green jobs leader as shipping undergoes low carbon revolution.** *International*

*Transport Workers' Federation (ITF)*. 15 February 2023. Available from:

<https://www.itfglobal.org/en/news/africa-could-be-green-jobs-leader-shipping-undergoes-low-carbon-revolution> Experts from the Maritime Just Transition Task Force told Africa's maritime leaders in Accra today that their continent was well placed to take a large share of the new jobs and training places expected from shipping's green transition.

**Ghana makes history with first International Green Shipping Conference.** *Ghana Maritime*

*Authority*. 15 February 2023. Available from: <https://ghanamaritime.org/home/ghana-makes-history-with-first-international-green-shipping-conference/> Ghana will make history when she hosts maritime industry players on the African continent and beyond, in the first-ever International Green Shipping Conference in Africa.

**New action plan launched to enhance Somali women's role in Somalia's maritime sector.**

*United Nations Assistance Mission in Somalia (UNSOM)*. 15 February 2023. Available from:

<https://unsom.unmissions.org/new-action-plan-launched-enhance-somali-women%E2%80%99s-role-somalia%E2%80%99s-maritime-sector> A new national action plan for enhancing and empowering Somali women in their country's maritime sector was launched today at a high-level event bringing together senior government officials and representatives from civil society and the international community, including the United Nations.

**Maritime Sector Uneasy About Cost Of Green Transport.** *Ghana Report*. 16 February 2023. Available from: <https://www.theghanareport.com/maritime-sector-uneasy-over-cost-of-green-transport/> Though the global shift toward green transportation in the maritime sector continues to be of utmost importance to mitigate risks of climate change, developing countries including Ghana remain challenging due to a lack of finance, Transport Minister, Kwaku Ofori Asiamah, has said.

**How does the shipping ETS work?** *Transport & Environment*. 16 February 2023. Available from: <https://www.transportenvironment.org/discover/how-does-the-shipping-ets-work/> The ETS was adopted in 2003 and came into force in 2005. [Briefing](#) 

**The Poseidon Principles for Marine Insurance (PPMI): “What, how, why”.** *International Union of Marine Insurance (IUMI)*. 16 February 2023. Available from: <https://iumi.com/news/podcast/the-poseidon-principles-for-marine-insurance-ppmi-what-how-why>  The Poseidon Principles for Marine Insurance (PPMI) are a global framework for assessing climate alignments of insurers’ hull and machinery portfolios.

**Why I chair a Special Interest Group (SIG).** Sam Andrews. *Marine Professional (IMarEST)*. 17 February 2023. Available from: <https://www.imarest.org/themarineprofessional/interactions/6765> Joining an IMarEST Special Interest Group (SIG) is a great way to build a network of like-minded individuals and potentially influence legislation and policy.

**Cyprus rallies EU partners to get shipping sector support.** Michele Kambas. *Reuters*. 17 February 2023. Available from: <https://www.reuters.com/world/middle-east/cyprus-rallies-eu-partners-get-shipping-sector-support-2023-02-17/> Cyprus is speaking to other European Union member states to shore up support for the shipping industry hit by sanctions on Russia, its shipping minister said on Friday.

**Opinion: Carbon taxes could lead to significant competitive disadvantages.** Lars Jensen. *ShippingWatch*. 17 February 2023. Available from: <https://shippingwatch.com/carriers/Container/article15074723.ece> The coming carbon taxation rules for shipping in the EU in 2024 will have a significant impact on the container shipping networks, and as a consequence also on European importers and exporters.

**100 Top Women in shipping by [www.allaboutshipping.co.uk](http://www.allaboutshipping.co.uk) for 2022.** Anny Zade. *All About Shipping*. 17 February 2023. Available from: <https://allaboutshipping.co.uk/2023/02/17/100-top-women-in-shipping-by-www-allaboutshipping-co-uk-for-2022/> As the business week ends today and pursuant to previous announcements, we are pleased to announce that 100 women out of 1,350 participating, proposed or ...otherwise from almost all sectors of the entire Shipping spectrum, shared the Top 100 places – we kept our written promise for only 100 women for the top 100 places.

**Is shipping’s business model incompatible with ESG?** *Splash 247.com*. 20 February 2023. Available from: <https://splash247.com/is-shippings-business-model-incompatible-with-esg/> With the help of ChatGPT Santosh Patil questions whether shipping gets the governance part of ESG.

**Customs, pilotage most corrupt sector in maritime industry: MACN.**

*Business Standard (Bangladesh)*. 20 February 2023. Available from:

<https://www.tbsnews.net/bangladesh/customs-pilotage-most-corrupt-sector-maritime-industry-macn-588106> Maritime experts have identified customs, pilotage and port state control among the major areas of corruption in the maritime industry of Bangladesh, which in turn affects the overall economy of the country.

**U.S. Container Imports See Biggest Drop in Over a Decade.** Mike Schuler. *gCaptain*.

20 February 2023. Available from: <https://gcaptain.com/u-s-container-imports-see-biggest-drop-in-over-a-decade/> In his latest ports report, industry veteran John McCown said inbound containers at the ten largest U.S. ports declined 17.9% year over year in January, marking the highest monthly decline since the 2008 financial crisis.

**Cyprus and UK sign MoU to increase cooperation in shipping.** *Cyprus Shipping News*.

21 February 2023. Available from: <https://bit.ly/3lVpwKI> The Cyprus Shipping Deputy Ministry (SDM) and the Department for Transport of the United Kingdom of Great Britain and Northern Ireland have signed a Memorandum of Understanding (MoU) to further strengthen shipping relations between the two states.

**Ukraine war: Fragile UN grain deal puts shipping centre stage.** Harry Papachristou. *TradeWinds*.

22 February 2023. Available from: <https://www.tradewindsnews.com/bulkers/ukraine-war-fragile-un-grain-deal-puts-shipping-centre-stage/2-1-1407000> Ever since Russia invaded Ukraine 12 months ago, the two enemies have been cooperating in just two things: prisoner exchange and the Black Sea Grain Initiative (BSGI).

**Korea unveils roadmap for net zero in shipping by 2050.** Tng Yong Li. *Argus Media*.

22 February 2023. Available from: <https://www.argusmedia.com/en/news/2422258-korea-unveils-roadmap-for-net-zero-in-shipping-by-2050> South Korea's maritime ministry (Mof) has announced its strategy to decarbonise the shipping sector by 2050, with a focus on hastening the transition to what it terms as "eco-friendly" vessels.

**TTB 2023: Panel will focus on women in maritime challenges and successes.** Heather Ervin.

*MARINE LOG*. 22 February 2023. Available from: <https://www.marinelog.com/inland-coastal/ttb-2023-panel-will-focus-on-women-in-maritime-challenges-and-successes/> On March 8, a panel of women from the tug and towboat sector will be moderated by Kasey Eckstein, founder and executive director of Women in Maritime Operations (WIMOs) and the president of Eckstein Trade & Transport—a woman-owned and operated freight brokerage and recruitment agency that specializes in female placement services within the maritime industry.

**Splash investigation pinpoints the true scale of the shadow tanker fleet.** Sam Chambers.

*Splash 247.com*. 23 February 2023. Available from: <https://splash247.com/splash-investigation-pinpoints-the-true-scale-of-the-shadow-tanker-fleet/> One of the most discussed, debated questions in shipping these days is the size of the so-called dark or shadow fleet, the vast array of tankers that are travelling the world's oceans under the radar, trying to avoid sanctions.

**Top Threats for the Marine Industry in 2023.** Rich Soja. *MarineLink*. 23 February 2023.

Available from: <https://www.marinelink.com/news/top-threats-marine-industry-503129> For the marine and shipping industries, Fire and Explosions lead the rankings of threats keeping management up at night with 29% of responses, up from the third spot last year.

**Tech layoffs are ‘opportunity for shipping to attract talent’.** Megawati Wijaya. *Lloyd’s List*. 23 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144080/> Layoffs in the technology sector are being seen as a potential opportunity for shipping to recruit talent.

**The Evolution of Class: From Lloyd’s Coffee House to Modern Expertise.** Cameron Livingstone. *Maritime Executive*. 23 February 2023. Available from: <https://maritime-executive.com/editorials/the-evolution-of-class-from-lloyd-s-coffee-house-to-modern-expertise> Ship ‘classification societies’ have existed for over 250 years.

**Insurers count the cost of ships snagged in Ukraine crisis.** Jonathan Saul. *Reuters*. 24 February 2023. Available from: <https://www.reuters.com/world/europe/insurers-count-cost-ships-snagged-ukraine-crisis-2023-02-24/> Insurers are facing half a billion dollars in claims for up to 60 commercial ships still stuck in Ukraine a year after the start of the war with Russia, industry sources said.

**‘FuelEU’ crucial for sustainable shipping.** *Financial Mirror (Cyprus)*. 24 February 2023. Available from: <https://www.financialmirror.com/2023/02/24/fueleu-crucial-for-sustainable-shipping/> The FuelEU Maritime regulation is crucial for promoting the uptake of sustainable and scalable fuels in shipping, ECSA President Philippos Philis said.

**The Lloyd’s List Podcast: Why don’t shipping companies have a credible ESG plan?** *Lloyd’s List*. 24 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144101> ☎ The lack of transparency and substance being attached to environmental, social and corporate announcements in shipping has become a pretty consistent theme of the Lloyd’s List Podcast over the past few years.

**Ukraine establishes \$500m marine insurance fund.** Bridget Diakun and David Osler. *Lloyd’s List*. 24 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144106/> Ukraine has established a new \$500m insurance fund to ensure the continuation of grain exports in the event that the Black Sea grain initiative is not extended next month.

**How shipping navigated its way through 12 months of war in Ukraine.** Sam Chambers. *Splash 247.com*. 24 February 2023. Available from: <https://splash247.com/how-shipping-navigated-its-way-through-12-months-of-war-in-ukraine/> Seafarers have died in the crossfire around the Black Sea, many more have been pressed into service on the ground in Ukraine, and global shipping is braced for accidents as vintage vessels join the fast-growing dark fleet, trading under the radar with worrying safety concerns.

**Shipping’s green bullet.** Diane Gilpin. *Splash 247.com*. 27 February 2023. Available from: <https://splash247.com/shippings-green-bullet/> Shipping’s singular focus on alternative fuels to lower costs and GHG emissions ignores the most immediate renewable energy solution: Wind.

**Russian carrier and 22 ships added to US sanctions lists.** Jesper Elkjær Jensen. *ShippingWatch*. 27 February 2023. Available from: <https://shippingwatch.com/carriers/article15188420.ece> On the one-year anniversary for the war in Ukraine, the US has announced a number of additions to its sanctions lists targeting Russia.

**Insurers Count the Cost of Ships Snagged in Ukraine Crisis.** *Claims Journal*. 27 February 2023. Available from: <https://www.claimsjournal.com/news/international/2023/02/27/315538.htm> Insurers are facing half a billion dollars in claims for up to 60 commercial ships still stuck in Ukraine a year after the start of the war with Russia, industry sources said.

**War on the Black Sea Enters its Second Year.** Sal Mercogliano. *gCaptain*. 27 February 2023. Available from: <https://gcaptain.com/war-on-the-black-sea-enters-its-second-year/> When Russia invaded Ukraine early on February 24, 2022, many predicted a short conflict.

## RESEARCH

Li Y, Jia P, et al. **The climate impact of high seas shipping.** *National Science Review*. 8 December 2022. Available from: <https://academic.oup.com/nsr/article/10/3/nwac279/6884159> Strict carbon emission regulations are set with respect to countries' territorial seas or shipping activities in exclusive economic zones to meet their climate change commitment under the Paris Agreement.

Bunwaree P. **The illegality of fishing vessels 'going dark' and methods of deterrence.** *International & Comparative Law Quarterly*. 11 January 2023. Available from: <https://bit.ly/3Zr7JJ1> Given recent data regarding fishing vessels switching off their Automatic Identification Systems (AIS) in the Western Indian Ocean, this article assesses the potential illegality of the practice by analysing national and international legislation.

Eliopoulou E, Alissafaki A, et al. **Statistical Analysis of Accidents and Review of Safety Level of Passenger Ships.** *Journal of Marine Science and Engineering*. 13 February 2023. Available from: <https://www.mdpi.com/2077-1312/11/2/410> This paper deals with a statistical analysis of maritime accidents pertaining to passenger ships in worldwide operation and, ultimately, with the assessment of the current safety level of the particular ship type, assuming that the safety level may be defined as a societally acceptable level of risk.

Thompson KF, Miller KA, et al. **Urgent assessment needed to evaluate potential impacts on cetaceans from deep seabed mining.** *Frontiers in Marine Science*. 14 February 2023. Available from: <https://www.frontiersin.org/articles/10.3389/fmars.2023.1095930/full> Deep seabed mining operations, if permitted, could present significant risks to ocean ecosystems.

Brodie JF and Watson JEM. **Human responses to climate change will likely determine the fate of biodiversity.** *Proceedings of the National Academy of Sciences*. 15 February 2023. Available from: <https://www.pnas.org/doi/10.1073/pnas.2205512120> Climate change is an existential threat to humans and global biodiversity, as was reinforced in the sixth assessment report (1) of the Intergovernmental Panel on Climate Change (IPCC), as well as Conferences of the Parties of the IPCC (Glasgow, UK; November 2021) and the UN Convention on Biological Diversity (Montreal, Canada; December 2022).

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### **About the front cover**

The CAB front cover is a photograph of the international memorial to the world's seafarers, past, present and future which graces the entrance to IMO Headquarters in London. The memorial, a seven-metre high, ten-tonne bronze representation of the bow of a cargo ship with a lone seafarer on the deck, is the work of internationally renowned British sculptor Michael Sandle.