



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

“Sharing Maritime Knowledge”

**CURRENT AWARENESS BULLETIN
MARCH 2023**

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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](#).

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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.

Table of Contents

IMO NEWS & EVENTS	2
UNITED NATIONS	3
CASUALTIES.....	5
ENVIRONMENT	7
ENVIRONMENTAL POLLUTION	9
HEALTH & SAFETY	12
IMO	12
LAW & POLICY.....	15
MARINE TECHNOLOGY.....	24
MARITIME EDUCATION & TRAINING	28
MARITIME SAFETY	30
MARITIME SECURITY	31
MIGRANTS	33
NAVIGATION & COMMUNICATIONS.....	34
PIRACY.....	36
PORTS & HARBOURS.....	37
REGULATIONS	39
SALVAGE	41
SEAFARERS	41
SEARCH & RESCUE	45
SHIP RECYCLING	46
SHIPBUILDING & SHIPREPAIR	47
SHIPPING	49
RESEARCH.....	57

IMO NEWS & EVENTS

WHAT'S NEW

Technical feasibility assessment on shipping decarbonization

A study on the readiness and availability of low- and zero-carbon ship technology and marine fuels suggests that achieving a more ambitious decarbonization pathway than business as usual is feasible, with a strengthened level of ambition and implementation of further GHG reduction measures. The research was commissioned by IMO under its Future Fuels and Technology for Low- and Zero-Carbon Shipping Project. [More...](#)

FSO SAFER: Call for equipment for oil spill response preparedness

IMO is urging Member States to contribute equipment to help UN-led efforts to prevent a possible catastrophic oil spill from the *FSO SAFER*, an ageing and rapidly decaying floating storage offshore (FSO) unit moored 4.8 nautical miles off the Red Sea coast of Yemen. IMO is seeking used or near end-of-life spill response equipment that can be transported to the region within weeks. [More...](#)

International organizations meet at IMO

IMO hosted the annual meeting of the UK Based International Organizations (UKBIO) (19 April) at IMO Headquarters. Participants discussed current issues and concerns, including travel authorizations, privileges and immunities, and border restrictions. [More...](#)

MEETING SUMMARIES AND SCHEDULE

Previous Meetings

[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

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

Forthcoming Meetings

Sub-Committee on Navigation, Communications and Search and Rescue (NCSR 10)
10-19 May 2023

Maritime Safety Committee (MSC 107) 31 May – 9 June 2023

[Programme of Meetings for 2023](#) 

UNITED NATIONS

Solidarity, leadership and commitment needed to reach 2030 development goals: Mohammed.

UN News. 28 February 2023. Available from: <https://news.un.org/en/story/2023/02/1133972>

Although cascading global crises are undermining hard fought development gains, “now is not the time for despair”, UN Deputy Secretary-General Amina Mohammed told African ministers and policy makers meeting in Niamey, Niger, on Tuesday.

Secretary-General Urges Intergovernmental Conference to Adopt Robust, Ambitious Maritime Biodiversity Treaty that Protects Ocean Health for Future Generations.

United Nations. 1 March 2023. Available from: <https://press.un.org/en/2023/sea2173.doc.htm> As the Intergovernmental Conference to draft a new maritime biodiversity treaty continued its resumed fifth session, the Secretary-General sent a message to delegations, urging them to adopt a robust and ambitious agreement that advances ocean health for future generations.

To save a million species, World Wildlife Day underscores crucial role of partnerships.

UN News. 2 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134082>

“One million species teeter on the brink of extinction, due to habitat destruction, fossil fuel pollution and the worsening climate crisis. We must end this war on nature,” UN Secretary-General António Guterres warned in his message for the Day.

‘The time has come to do justice for the least developed countries,’ says UN chief Guterres.

UN News. 4 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134152> Ahead of a major United Nations conference on the world’s most vulnerable countries, Secretary-General António Guterres on Saturday urged the international community – particularly wealthy nations – to step up and help the more than 1.1 billion people in these countries break out of “vicious cycles” and lift themselves out of poverty.

UN delegates reach historic agreement on protecting marine biodiversity in international waters.

UN News. 5 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134157> Secretary-General António Guterres has congratulated UN member countries for finalizing a text to ensure the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction, calling it a “breakthrough” after nearly two decades of talks.

UN’s commission on women opens amid vanishing progress on rights.

UN News. 6 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134207> Closing the major gender gap in innovation and technology is the focus of the 67th session of the Commission on the Status of Women (CSW), which opened at UN Headquarters in New York on Monday.

International Women’s Day puts the spotlight on digital gender equality.

United Nations. 8 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134342> The UN General Assembly was awash in a sea of blue on Wednesday as some 1,800 people gathered to mark International Women’s Day, which this year focused on the need for inclusive and transformative technology and digital education.

New UK asylum bill would be in ‘clear breach’ of international law: UNHCR.

UN News. 8 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134312> If adopted, the new bill would deny the right to seek refugee protection to people arriving irregularly in the UK, such as those risking their lives to cross the English Channel in small boats.


UN stresses ‘full commitment’ to Ukraine grain deal as Russia offers 60-day extension.


UN News. 13 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134542>
The UN chief on Monday confirmed the UN would “do everything possible to preserve the integrity” of the Black Sea Grain Initiative – the deal agreed between Ukraine and Russia last July that is due to expire in just a few days.

Urgent investment needed to improve conditions for key workers: ILO. *UN News*.

15 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134612> “In a number of countries, key sectors are facing labour shortages, because people are increasingly reluctant to engage in work which is not properly, adequately, fairly valued by society and rewarded in terms of better pay and improved working conditions,” said Manuela Tomei, Assistant Director-General for Governance, Rights and Dialogue at the ILO.

A liveable future for all is possible, if we take urgent climate action: flagship UN report.

UN News. 20 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134777> 
The study, “Climate Change 2023: Synthesis Report”, released on Monday following a week-long IPCC session in Interlaken, brings into sharp focus the losses and damages experienced now, and expected to continue into the future, which are hitting the most vulnerable people and ecosystems especially hard.

AR6 Synthesis Report Climate Change 2023. *Intergovernmental Panel on Climate Change (IPCC)*. 20 March 2023. Available from: <https://www.ipcc.ch/report/ar6/syr/> 

This Synthesis Report (SYR) of the IPCC Sixth Assessment Report (AR6) summarises the state of knowledge of climate change, its widespread impacts and risks, and climate change mitigation and adaptation.

[Press Conference](#) 

International Day for the Elimination of Racial Discrimination, 21 March. *United Nations*.

21 March 2023. Available from: <https://www.un.org/en/observances/end-racism-day>
The 2023 theme of the International Day focuses on the urgency of combatting racism and racial discrimination, 75 years after the adoption of the Universal Declaration of Human Rights (UDHR).

Flagship UN report extolls win-win water partnerships to avert global crisis. *UN News*.

21 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134862> Launched ahead of the UN 2023 Water Conference, the new edition of the UN World Water Development Report focuses on twin themes of partnerships and cooperation.

General Assembly votes to seek World Court’s opinion, in quest for ‘bolder’ climate action.

UN News. 29 March 2023. Available from: <https://news.un.org/en/story/2023/03/1135142>
The resolution was put forward by the cyclone-battered Pacific Island nation of Vanuatu, supported by a “core group” of 17 countries from various regions, and is focused on the adverse impacts of climate change on small island developing States as well as climate justice. [Plenary discussion](#)

Corporate Leaders Should Speak Up, Act, End Greenwashing, Says Secretary-General in Remarks for Economist Impact’s Sustainability Week. *United Nations*. 29 March 2023.

Available from: <https://press.un.org/en/2023/sgsm21751.doc.htm> Following is the text of UN Secretary-General António Guterres’ video remarks to the Economist Impact’s eighth annual Sustainability Week, in London today: Ladies and gentlemen, dear friends, let me begin by thanking the Economist for shining the spotlight on accelerating private sector action on sustainability.

CASUALTIES

Bangladesh owner to get \$22.48 mln after ship explosion in Ukraine. Ruma Paul and Jonathan Saul. *Reuters*. 28 February 2023. Available from: <https://reut.rs/3OhLYtl> Insurers are about to pay state-owned Bangladesh Shipping Corporation (BSC) \$22.48 million for its vessel that was hit by a missile during fighting in Ukraine, two officials involved said Tuesday.

Chinese Bulk Carrier Damaged by Ice Sinks Off Russia. Mike Schuler. *gCaptain*. 1 March 2023. Available from: <https://gcaptain.com/chinese-bulk-carrier-yong-xing-56-sinks/> A Chinese bulker has sunk in Strait of Tartary near the Russian port of Vanino after being damaged in a collision with heavy ice flows.

Sinking of *MT Princess Empress*: ‘Black, thick’ oil with foul odour emerges in Mindoro’s waters. Martin Sadongdong. *Manila Bulletin*. 1 March 2023. Available from: <https://mb.com.ph/2023/03/01/sinking-of-mt-princess-empress-black-thick-oil-with-foul-odor-emerges-off-mindoros-waters/> The Philippine Coast Guard (PCG) on Wednesday afternoon, March 1, confirmed the presence of “black and thick” oil with strong odour in the waters off Naujan, Oriental Mindoro after motor tanker (*MT Princess Empress*) capsized there.

Crew rescued but fuel spilt as new tanker sinks off Philippines. Gary Dixon. *TradeWinds*. 1 March 2023. Available from: <https://www.tradewindsnews.com/casualties/crew-rescued-but-fuel-spilt-as-new-tanker-sinks-off-philippines/2-1-1411548> Small product carrier *Princess Empress* went down off Oriental Mindoro on Tuesday.

‘Full investigation’ into fire on board Irish ferry. *RTÉ (Ireland)*. 4 March 2023. Available from: <https://www.rte.ie/news/2023/0304/1360277-ferry-fire/> Irish Ferries is to launch a “full investigation with relevant authorities” into a fire on one of its vessels in the English Channel.

Lifeboats launched after fire breaks out on passenger ferry in the Channel. *Sky News*. 4 March 2023. Available from: <https://news.sky.com/story/lifeboats-launched-after-fire-breaks-out-on-passenger-ferry-in-the-channel-12824934> Three lifeboats were despatched from Kent to a ferry in the English Channel after a fire broke out on board.

DENR: Possible site of sunken oil tanker detected. *Philippine News Agency (PNA)*. 6 March 2023. Available from: <https://www.pna.gov.ph/articles/1196757> The Department of Environment and Natural Resources (DENR) on Monday reported the detection of possible site where *MT Princess Empress* oil tanker sank last week.

MSC working with Suez Canal Authority to identify cause of grounding. Gary Dixon. *TradeWinds*. 7 March 2023. Available from: <https://www.tradewindsnews.com/containerships/msc-working-with-suez-canal-authority-to-identify-cause-of-grounding/2-1-1414110> A huge MSC Mediterranean Shipping Company container ship spent several hours aground in the Suez Canal on Sunday.

IOPC Funds looks into Philippines tanker oil spill as claims bill is set to soar. Adam Corbett. *TradeWinds*. 7 March 2023. Available from: <https://www.tradewindsnews.com/insurance/iopc-funds-looks-into-philippines-tanker-oil-spill-as-claims-bill-is-set-to-soar/2-1-1415134> The International Oil Pollution Compensation Funds (IOPC Funds) is looking at the insurance issues surrounding a devastating oil spill off the coast of the Philippines.

Probe on oil leak from sunken tanker in Mindoro pushed. *Philippine News Agency (PNA)*. 7 March 2023. Available from: <https://www.pna.gov.ph/articles/1196799> Expressing concerns over serious damage that the oil spill may bring to the environment and marine life, a lawmaker on Tuesday pushed for the investigation, in aid of legislation, of the incident caused by the capsizing of *MT Princess Empress* in the waters off Naujan town in Oriental Mindoro province on Feb. 28.

OS 35 Update – Survey Report details storm damage. *Gibraltar Port Authority*. 7 March 2023. Available from: <https://www.gibraltarport.com/news/press-release-os-35-update-survey-report-details-storm-damage-91> The Captain of the Port has received a survey report detailing the damage sustained by the OS 35 wreck as a result of recent storms.

MSC Containership Lost Empties During Bad Weather off Bermuda. *Maritime Executive*. 8 March 2023. Available from: <https://www.maritime-executive.com/article/msc-containership-lost-empties-during-bad-weather-off-bermuda> Bermuda's Department of Marine & Ports Services has issued a warning to mariners after receiving a report of containers that fell overboard from an MSC-managed vessel at the beginning of the month. After liaising with the U.S. Coast Guard, Bermuda began issuing the warning about the potential danger of boxes floating in the Atlantic.

MT Princess Empress had no permit, sailed 9 times prior to sinking in Oriental Mindoro. Dwight de Leon. *Rappler (Philippines)*. 14 March 2023. Available from: <https://www.rappler.com/nation/mt-princess-empress-no-permit-to-operate-oriental-mindoro-oil-spill-senate-hearing-march-14-2023/> Oil tanker *MT Princess Empress*, which sank off the coast of Oriental Mindoro with 800,000 liters of industrial fuel oil on February 28, had no updated permit to operate, a Senate inquiry into the disaster unearthed on Tuesday, March 14.

Sunken tanker provisionally declared first pool claim of policy year. David Osler. *Lloyd's List*. 15 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144313/> A Product tanker which capsized in Filipino waters last month has been provisionally declared by P&I insurer Shipowners' Club as the first International Group pool claim of the current policy year, according to marine insurance sources.

15 additional bodies found following Gabon ferry tragedy. *Baird Maritime*. 15 March 2023. Available from: <https://www.bairdmaritime.com/work-boat-world/passenger-vessel-world/ro-pax/15-additional-bodies-found-following-gabon-ferry-tragedy/> Rescuers have found the bodies of another 15 people who perished after a passenger ferry sank off the coast of Gabon late last week, raising that incident's confirmed death toll to 21.

FSO Off Thailand Taking on Water After Fatal Accident. *Maritime Executive*. 16 March 2023. Available from: <https://maritime-executive.com/article/fso-off-thailand-taking-on-water-after-fatal-explosion> MISC Behard, owners of the FSO reports that there was no explosion correcting the Royal Thai Navy which had at the time said it understood there had been an explosion that caused the death of the crewmember.

Tanker Fire Off Portugal; No Risk of Pollution. Mike Schuler. *gCaptain*. 21 March 2023. Available from: <https://gcaptain.com/tanker-fire-off-portugal-greta-k/> The Portuguese Navy is reporting that the Lisbon Maritime Search and Rescue Coordination Centre (MRCC) received a distress call at approximately 3:30 PM Tuesday concerning a fire aboard the Malta-flagged tanker *Greta K*.

Japanese remote sub finds sunken oil tanker in Oriental Mindoro. *Philippine News Agency.* 21 March 2023. Available from: <https://www.pna.gov.ph/articles/1197892> A Japanese remotely operated vehicle (ROV) located on Tuesday *MT Princess Empress* that sank off the waters of Oriental Mindoro on Feb. 28.

Thirty-three injured with 21 in hospital after large ship dislodges in Edinburgh dry dock sparking 'major incident'. Connor Gillies. *Sky News.* 22 March 2023. Available from: <https://news.sky.com/story/multiple-people-injured-after-large-ship-dislodges-in-edinburgh-dry-dock-sky-news-understands-12840073> 🗣️ A major rescue operation was launched at Imperial Dock in Leith after the vessel lurched towards its right-hand side.

High winds unlikely to have toppled ship in Edinburgh dock - expert. *BBC News.* 23 March 2023. Available from: <https://www.bbc.co.uk/news/uk-scotland-edinburgh-east-fife-65050308> An incident where a US Navy vessel toppled over at an Edinburgh dry dock is “unlikely” to have been caused by high winds, a marine expert has said.

Police help handle tanker fire incident in Ampenan waters. *Antara News (Indonesia).* 26 March 2023. Available from: <https://en.antaranews.com/news/276672/> Police officers helped handle the *Kristin Surabaya* tanker fire incident in the waters of Ampenan, Mataram City, West Nusa Tenggara (NTB), on Sunday.

Ferry fire off Basilan leaves 12 dead, at least 7 missing. Al Jacinto. *Manila Times.* 30 March 2023. Available from: <https://www.manilatimes.net/2023/03/30/news/ferry-fire-off-basilan-leaves-12-dead-at-least-7-missing/1885004> 🗣️ At least a dozen people, including a child, were killed and many more injured after a fire broke out in a ferry off the southern Philippine province of Basilan.

Hundreds rescued and 31 killed after deadly fire engulfs ferry carrying 250 passengers in the Philippines. *ABC (Australia).* 30 March 2023. Available from: <https://www.abc.net.au/news/2023-03-30/philippines-ferry-fire-dead-jump-overboard-accident/102166652> A ferry carrying about 250 passengers and crew caught fire in the southern Philippines and 31 people drowned or died in the blaze.

ENVIRONMENT

Avoiding greenwashing and defining emission reductions: How a science-based framework could catalyse maritime's Race to Zero. Charlotte Owen-Burge. *United Nations Framework Convention on Climate Change (UNFCCC).* 2 March 2023. Available from: <https://climatechampions.unfccc.int/avoiding-greenwashing-and-defining-emission-reductions/> The maritime sector serves as a critical link in many global supply chains. More than 80% of global trade by volume is carried by sea, and this sector contributes to ~3% of global greenhouse gas emissions.

Sticking to 'cold, hard' climate facts can end global warming: Guterres. *UN News.* 13 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134537> Underlining the “urgent need to end global heating with cold, hard facts”, he said the panel’s forthcoming report ahead of the next UN Climate Change Conference (COP28), to be held in Dubai in November, comes at a pivotal time.

IPCC meets to approve the final component of the Sixth Assessment Report.

Intergovernmental Panel on Climate Change (IPCC). 13 March 2023. Available from:

<https://www.ipcc.ch/2023/03/13/ipcc-meets-to-approve-ar6-synthesis-report/> The Intergovernmental Panel on Climate Change (IPCC) began its meeting today to approve the Synthesis Report to the Sixth Assessment Report.

Navigating climate change: Kiribati's efforts to address sea-level rise. Wim van Wegen.

Hydro International. 14 March 2023. Available from: [https://www.hydro-](https://www.hydro-international.com/content/article/navigating-climate-change-kiribati-s-efforts-to-address-sea-level-rise)

[international.com/content/article/navigating-climate-change-kiribati-s-efforts-to-address-sea-level-rise](https://www.hydro-international.com/content/article/navigating-climate-change-kiribati-s-efforts-to-address-sea-level-rise)

The impacts of climate change and sea-level rise on daily life in Kiribati and the Pacific region can also be felt in the hydrographic profession.

Launch of the IPCC Climate Change 2023: Synthesis Report. *United Nations Environment*

Programme (UNEP). 20 March 2023. Available from: [https://www.unep.org/events/publication-](https://www.unep.org/events/publication-launch/launch-ipcc-climate-change-2023-synthesis-report)

[launch/launch-ipcc-climate-change-2023-synthesis-report](https://www.unep.org/events/publication-launch/launch-ipcc-climate-change-2023-synthesis-report) The Intergovernmental Panel on Climate Change (IPCC) will consider the Synthesis Report, the closing chapter of the sixth assessment cycle, at its 58th Session to be held from 13 to 17 March 2023.

WMO celebrates 150 years of cooperation and data exchange. *World Meteorological*

Organization (WMO). 22 March 2023. Available from: [https://public.wmo.int/en/media/press-](https://public.wmo.int/en/media/press-release/wmo-celebrates-150-years-of-cooperation-and-data-exchange)

[release/wmo-celebrates-150-years-of-cooperation-and-data-exchange](https://public.wmo.int/en/media/press-release/wmo-celebrates-150-years-of-cooperation-and-data-exchange) 🗣️ World Meteorological Day 2023 takes the theme of the future of weather, climate and water across generations — urging us to live up to our responsibilities and ensure that future generations inherit a better tomorrow.

Earth Hour: small actions can make a big difference. *WWF*. 22 March 2023. Available from:

<https://www.wwf.org.uk/earth-hour> 🗣️ On Saturday 25 March at 8:30pm, millions of people across the globe unite to show that they care about the future of our planet, by switching off for one hour.

Cop28 host UAE tried to weaken global shipping's climate ambition. Joe Lo. *Climate Home*

News. 28 March 2023. Available from: [https://climatechangenews.com/2023/03/28/cop28-host-uae-](https://climatechangenews.com/2023/03/28/cop28-host-uae-tried-to-weaken-global-shippings-climate-ambition/)

[tried-to-weaken-global-shippings-climate-ambition/](https://climatechangenews.com/2023/03/28/cop28-host-uae-tried-to-weaken-global-shippings-climate-ambition/) The United Arab Emirates tried to weaken global shipping's climate target last week, sparking fears that it will lack ambition as host of the Cop28 climate summit.

International NGOs call out Norwegian Prime Minister's mistaken claim that deep-sea mining can be done without harming ocean life. *WWF*. 29 March 2023. Available from:

https://wwf.panda.org/wwf_news/press_releases/?8303466/ The Deep Sea Conservation Coalition, including the likes of international NGOs such as WWF, Fauna & Flora and Greenpeace are calling out erroneous claims by the Norwegian Prime Minister, Jonas Gahr Støre, that deep-sea mining can be done in a way which does not harm natural diversity in the ocean – published on Thursday 23 March in regional Norwegian newspaper Bergens Tidende.

ENVIRONMENTAL POLLUTION

PCG: Oil spill in Oriental Mindoro expands; tanker fully sinks. *CNN Philippines*. 1 March 2023. Available from: <https://www.cnnphilippines.com/news/2023/3/1/pcg-oil-spill-expands-tanker-fully-sinks.html> The Philippine Coast Guard (PCG) on Wednesday reported that the oil spill in waters off Oriental Mindoro has expanded to six kilometres long and four kilometres wide.

Abandoned trawler in Kinsale shows ‘State’s effort to remove shipwrecks has been left to rot’. Eoin English. *Irish Examiner*. 2 March 2023 Available from: <https://www.irishexaminer.com/news/munster/arid-41083816.html> An abandoned trawler which has been rotting against a quayside in Cork for over a decade is proof that the State’s efforts to deal with abandoned ships and wrecks is apparently dead in the water.

Oil leak from sunken Philippine tanker prompts swimming bans. *Associated Press*. 2 March 2023. Available from: <https://apnews.com/article/philippines-oil-spill-sunken-tanker-fishing-swimming-ban-45a226975daac5a95b0c7e7c66cfb6b0> Oil leaking from a Philippine tanker that sank southwest of the capital has prompted at least seven coastal towns to ban fishing and swimming as authorities scramble to contain the spill, officials said Thursday.

Pacific Elders: Japan’s plan to dump toxic water into Pacific Ocean breaches human rights. Sanjeshni Kumar. *Pacific Islands News Association (PINA)*. 3 March 2023. Available from: <https://pina.com.fj/2023/03/03/pacific-elders-japans-plan-to-dump-toxic-water-into-pacific-ocean-breaches-human-rights/> Japan’s persistent plan to discharge radioactive water from the destroyed Fukushima nuclear plant into the Pacific Ocean constitutes a “disregard for the human rights” of people living in the region, according to the Pacific Elders Voice (PEV).

Two years since major coastal tar spill, marine unit still waiting for extra funds. Sue Surkes. *Times of Israel*. 7 March 2023. Available from: <https://www.timesofisrael.com/two-years-since-major-coastal-tar-spill-marine-unit-still-waiting-for-extra-funds/> Prime minister visited spill site, a ministerial committee made recommendations – but in terms of preparedness for a future spill, nothing has actually changed.

With pails and mugs, Philippine residents clean up oil spill. *Reuters*. 8 March 2023. Available from: <https://www.reuters.com/world/asia-pacific/with-pails-mugs-philippine-residents-clean-up-oil-spill-2023-03-07/> Residents of a central Philippine province affected by an oil spill from a sunken tanker endured the powerful stench of petroleum as they cleaned it up using buckets and mugs while authorities raced to contain environmental damage.

Oil spill hits tourism in Philippine province. Adrian Portugal. *Reuters*. 8 March 2023. Available from: <https://www.reuters.com/world/asia-pacific/oil-spill-hits-tourism-philippine-province-2023-03-08/> Resorts in a Philippine province known for world-class beaches and dive spots are reeling from the impact of an oil spill just off the coastline, as tourists cancel reservations during what is supposed to be peak season. [Drone footage shows oil spill on Philippines coast](#)

Japanese experts to help curb oil spill to leave for PH March 10. *Philippine News Agency (PNA)*. 9 March 2023. Available from: <https://www.pna.gov.ph/articles/1197053> The Japanese experts who will assist Manila in responding to the oil spill in Oriental Mindoro will leave for the Philippines on March 10, the Japanese Ministry of Foreign Affairs said Thursday.

Coast Guard seeks US assistance in locating oil spill source. *Philippine News Agency (PNA)*. 11 March 2023. Available from: <https://www.pna.gov.ph/articles/1197163> The Philippine Coast Guard (PCG) on Saturday confirmed it sought the assistance of the United States to contain an oil spill in Oriental Mindoro that is fast spreading to other coastal communities.

Tourist Paradise Palawan Prepares to Tackle Oil Spill With Human Hair, Old Clothes. Manolo Serapio Jr. *Bloomberg*. 13 March 2023. Available from: <https://www.bnnbloomberg.ca/tourist-paradise-palawan-prepares-to-tackle-oil-spill-with-human-hair-old-clothes-1.1894637> Residents of a Philippine island famed for its white-sand beaches and turquoise waters are arming themselves with human hair and used clothing in a bid to stop oil washing onto the shore.

Philippine island reeling from impact of massive oil spill. Maricar Cinco and Ken Sasaki. *Kyodo News (Japan)*. 14 March 2023. Available from: <https://english.kyodonews.net/news/2023/03/9ef0954ce61e-philippine-island-reeling-from-impact-of-massive-oil-spill.html> Residents on the western Philippine island of Mindoro are still reeling from a massive oil spill from a sunken Philippine tanker, as government and private-sector responders scramble to determine the extent of damage to livelihoods and marine resources.

DENR, communities create oil spill booms from organic materials to save marine ecosystems. *Government of the Philippines*. 14 March 2023. Available from: <https://www.denr.gov.ph/index.php/news-events/press-releases/4881-denr-communities-create-oil-spill-booms-from-organic-materials-to-save-marine-ecosystems> The Department of Environment and Natural Resources (DENR) continues its oil spill containment efforts with the local government units, Philippine Coast Guard (PCG), and the local communities to restrict the oil leaked by sunken *MT Princess Empress* from afflicting surrounding marine protected areas (MPAs) in the MIMAROPA and Western Visayas regions by installing spill booms made from locally available organic materials.

How prepared are we for another oil spill? Brenda V. Pimentel. *Manila Times*. 15 March 2023. Available from: <https://www.manilatimes.net/2023/03/15/business/maritime/how-prepared-are-we-for-another-oil-spill/1882777> The oil spill, which resulted from the capsized tanker *Princess Empress*, continues to spread and is said to be approaching the Verde Island passage.

Decaying oil tanker off Yemen could be offloaded by September if remaining \$34M is raised: UN. Betül Yuruk. *Anadolu Agency (Turkey)*. 15 March 2023. Available from: <https://www.aa.com.tr/en/world/decaying-oil-tanker-off-yemen-could-be-offloaded-by-september-if-remaining-34m-is-raised-un/2846681> The UN said Wednesday that it could finish offloading oil from a decaying tanker off Yemen if donors quickly provide the remaining \$34 million that is needed.

Pola mayor: Owner of tanker that caused oil spill should provide us complete recovery plan. *CNN Philippines*. 16 March 2023. Available from: <https://www.cnnphilippines.com/news/2023/3/16/Pola-mayor-recovery-plan-from-Princess-Empress-owner.html> The owner of *MT Princess Empress*, the tanker that sank and caused a massive oil spill in the province, should provide a complete plan to help affected communities recover from the incident that will be felt for at least three years, the mayor of Pola Oriental Mindoro said.

From cleaner oceans to thriving communities: the economic impacts of plastic pollution. *International Union for Conservation of Nature (IUCN)*. 16 March 2023. Available from: <https://www.iucn.org/story/202303/cleaner-oceans-thriving-communities-economic-impacts-plastic-pollution> With support from the Norwegian Agency for Development Cooperation (Norad), the Plastic Waste Free Islands project focused on six islands in the Pacific and the Caribbean regions: Fiji, Samoa, Vanuatu, Antigua and Barbuda, Grenada, and Saint Lucia.

New Study Examines Noise Reduction from Retrofitted Shipping Vessels. Brittany Hook. *University of California, San Diego*. 16 March 2023. Available from:

<https://today.ucsd.edu/story/new-study-examines-noise-reduction-from-retrofitted-shipping-vessels>
Scripps Whale Acoustics Lab teams up with shipping giant Maersk to identify vessel designs that reduce radiated noise.

Concerns over nuclear waste disposal into Pacific. *The National (Papua New Guinea)*. 20 March 2023. Available from: <https://www.thenational.com.pg/concerns-over-nuclear-waste-disposal-into-pacific/> The Government is still in bilateral talks with the Japanese government over concerns that Japan might release one million tons of radioactive waste into the Pacific Ocean.

Solomon Islands concerned with Japan's plan to discharge nuclear treated water into the Pacific Ocean. Pita Ligaiula. *Pacific Islands News Association (PINA)*. 20 March 2023. Available from: <https://pina.com.fj/2023/03/20/solomon-islands-concerned-with-japans-plan-to-discharge-nuclear-treated-water-into-the-pacific-ocean/> Solomon Islands has reiterated concerns over plans by Japan to discharge nuclear treated water into the ocean and its impact on the health of the ocean.

'Ghost nets' haunt Labuan's waters. *New Straits Times (Malaysia)*. 21 March 2023. Available from: <https://www.nst.com.my/news/nation/2023/03/891297/ghost-nets-haunt-labuans-waters> Labuan's waters have not been spared from "ghost nets" — fishing nets that were lost or abandoned at sea.

Better safe than sorry with Fukushima water. Francisco Leandro. *China Daily*. 22 March 2023. Available from: <https://www.chinadailyasia.com/article/321721> Following the announcement of Japanese Prime Minister Fumio Kishida on March 3, Chief Cabinet Secretary Hirokazu Matsuno, according to a BBC report, has confirmed that the government is planning to release 1.3 million cubic meters of contaminated water from the damaged Fukushima Daiichi nuclear power plant into the sea.

Oil slick risks IMO pact. Raffy Ayeng. *Daily Tribune (Philippines)*. 22 March 2023. Available from: <https://tribune.net.ph/2023/03/23/oil-slick-risks-imo-pact/> The country's maritime regulators, namely, the Maritime Industry Authority and the Philippine Coast Guard, among other government agencies, must work double time to mitigate the effects of the oil spill in Oriental Mindoro before auditors of the IMO arrive in June for the IMO Member State Audit Scheme or IMSAS.

Super tanker anchored off Yemen coast is likely to sink or explode at any moment, UN says. Hannah Thomas-Peter. *Sky News*. 25 March 2023. Available from: <https://news.sky.com/story/super-tanker-anchored-off-coast-of-yemen-is-likely-to-sink-or-explode-at-any-moment-un-says-12841780> 🇻🇳 The vessel was abandoned as the Middle Eastern country descended into civil war in 2015 and is now starting to fall apart.

The terrible toll of the cruise ship industry. Andrew Engelson. *High Country News (US)*. 29 March 2023. Available from: <https://www.hcn.org/articles/ocean-the-terrible-toll-of-the-cruise-ship-industry> Noise pollution, mounds of trash and an inordinate influx of humanity damage ecosystems from Washington to Alaska.

Philippine fishermen struggle as oil spill keeps them ashore. *France 24*. 29 March 2023. Available from: <https://www.france24.com/en/live-news/20230329-philippine-fishermen-struggle-as-oil-spill-keeps-them-ashore> A crab covered in oil creeps across the sand as Philippine fishermen wearing white protective suits, rubber gloves, and respirator masks scrape toxic sludge from the rocks along the shore.

First International Day of Zero Waste bolsters actions to address global pollution crisis.

United Nations Environment Programme (UNEP). 30 March 2023. Available from:

<https://www.unep.org/news-and-stories/press-release/first-international-day-zero-waste-bolsters-actions-address-global>

In response to the worsening impacts of waste on human health, the economy and the environment, the world today marked the inaugural International Day of Zero Waste, which encourages everyone to prevent and minimize waste and promotes a societal shift towards a circular economy.

Princess Empress clean-up costs likely to hit IOPC Funds threshold. David Osler. *Lloyd's List*.

30 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144535/>

Funds that provide compensation for oil pollution damage resulting from spills from tankers say the clean-up costs related to a casualty off the coast of the Philippines may have reached intervention thresholds.

HEALTH & SAFETY

Happy sailing: improving the mental health of seafarers. Bernhard Schulte Shipmanagement.

14 March 2023. Available from: <https://www.bs-shipmanagement.com/media-centre/bsm-highlights/happy-sailing-improving-the-mental-health-of-seafarers/>

Seafaring is commonly considered to be a stressful occupation, both physically and mentally, due to its unique working and social environment.

IMO

Critical year ahead for shipping emissions regulator. Ned Molloy. *China Dialogue Ocean*.

6 March 2023. Available from: <https://chinadialogueocean.net/en/climate/critical-year-ahead-for-shipping-emissions-regulator/>

The IMO may finally be moving closer to a zero-carbon future, with more shipping nations backing stronger targets and a global carbon price.

China leads challenge to IMO 2050 net zero goal due to clash with Xi Jinping's 2060 aim.

TradeWinds. 9 March 2023. Available from: <https://www.tradewindsnews.com/esg/china-leads-challenge-to-imo-2050-net-zero-goal-due-to-clash-with-xi-jinping-s-2060-aim/2-1-1415934>

China is among a group of 12 developing countries attempting to block the International Maritime Organization from setting a target to achieve zero emissions by 2050 at a decisive meeting in July.

The IMO's revised GHG targets must align with a 1.5°C pathway and support a fair and equitable transition. *Opportunity Green*. 13 March 2023. Available from:

<https://www.opportunitygreen.org/press-release-the-imos-revised-ghg-targets> Next week's round of technical talks at the UN's maritime regulator, The International Maritime Organization (IMO), is one of the last and most crucial opportunities for countries to contribute towards the IMO's revised GHG Strategy.

Green lobby urges IMO to set more ambitious green targets. Enes Tunagur. *Lloyd's List*.

17 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144357>

Environment groups, including the Clean Shipping Coalition and the Carbon Market Watch, have called on the IMO to align its strategy with Paris Agreement goals to keep global warming within 1.5°C by adopting tougher targets for 2030 and 2040.

The IMO is drinking in the last chance saloon on setting carbon goals. Here's why.

Adam Corbett. *TradeWinds*. 22 March 2023. Available from:

<https://www.tradewindsnews.com/opinion/the-imo-is-drinking-in-the-last-chance-saloon-on-setting-carbon-goals-here-s-why/2-1-1422958> The release of a final report by the United Nations' Intergovernmental Panel on Climate Change (IPCC) is a timely reminder to shipping regulators of the need to commit immediately to accelerating the decarbonisation of shipping at a critical meeting this week.

Pressure mounts on IMO as EU backs world-first green fuel law. Paul Peachey. *TradeWinds*.

23 March 2023. Available from: <https://www.tradewindsnews.com/esg/pressure-mounts-on-imo-as-eu-backs-world-first-green-fuel-law/2-1-1424712> The EU has confirmed the world's first law on green maritime fuels that sets ambitious targets for shipowners to cut greenhouse gas emissions.

Norwegian shipowners: IMO must secure climate neutrality by 2050. Idha Toft Valeur.

ShippingWatch. 23 March 2023. Available from:

<https://shippingwatch.com/regulation/article15439314.ece> When the IMO's Marine Environment Protection Committee (MEPC) will meet in a 100 days, the most important element is to revise the current 2050 target of halving emissions and aim for net zero instead.

Latest intersessional IMO meeting provides important clues on what might be agreed in the revised GHG strategy in July 2023. Tristan Smith and Alison Shaw. *University Maritime Advisory Services (UMAS)*.

24 March 2023. Available from: <https://www.u-mas.co.uk/imo-iswg-ghg-14-readout-from-umas/> Much of the specifics remain up in the air as IMO's ISWG-GHG 14 meeting outcome leaves open a broad range of options for key elements of the revision of the GHG reduction strategy at ISWG GHG 14. [An overview of the discussions from IMO ISWG-GHG 14](#) 📄

IMO Member States show broad support for zero emissions – but we need more to achieve an equitable transition that 'keeps the 1.5 alive'. *Opportunity Green*. 24 March 2023. Available from:

<https://www.opportunitygreen.org/press-release-imo-member-states-broad-support-for-zero-emissions> This week's IMO greenhouse gas working group meeting (ISWG-GHG 14) was a pivotal moment to ensure the shipping industry takes meaningful action on climate change ahead of adopting its revised GHG Strategy in July.

Success of UN shipping climate action in the balance as necessary 2030 and 2040 targets remain unclear. *Clean Shipping Coalition (CSC)*. 24 March 2023. Available from:

<https://cleanshipping.org/news/success-of-un-shipping-climate-action-in-the-balance-as-necessary-2030-and-2040-targets-remain-unclear/> Countries must keep the pressure on the UN to commit to reducing emissions from global shipping before 2030, in the run up to a crucial climate summit at the International Maritime Organization (IMO) in July.

International Chamber of Shipping's comment following the conclusion of the

IMO ISWG-GHG 14. *International Chamber of Shipping (ICS)*. 24 March 2023. Available from:

<https://bit.ly/453BbJ8> Guy Platten, the Secretary General of the International Chamber of Shipping, comment following the conclusion of the IMO ISWG-GHG 14: "We are disappointed by the lack of progress on setting new levels of ambition for GHG reductions to provide shipping with a clear net zero target for 2050.

Growing Support for Zero-Emission Shipping Target Ahead of Critical IMO Meeting.

Mike Schuler. *gCaptain*. 24 March 2023. Available from: <https://gcaptain.com/growing-support-for-zero-emission-shipping-target-ahead-of-critical-imo-meeting/> The United Nations' International Maritime Organization (IMO) has concluded its latest round of talks ahead this summer's critical Marine Environment Protection Committee meeting (MEPC 80) which will decide the shipping industry's strategy to mitigate the sector's impact on climate change.

NGO on climate summit: "We haven't moved an inch". Idha Toft Valeur. *ShippingWatch*.

24 March 2023. Available from: <https://shippingwatch.com/regulation/article15443856.ece> The so-called intersessional meeting in London ahead of the actual MEPC 80 climate summit in July has lasted a week, and nothing has come of it.

It is still possible for the IMO to translate climate aspiration into action. *Lloyd's List*.

24 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144450/> The climate debate is streamed live in Arabic, Chinese, English, French, Russian and Spanish at the International Maritime Organization.

Deep divisions remain as China, Saudi Arabia and Russia oppose majority ambition to cut carbon at IMO. Adam Corbett. *TradeWinds*. 27 March 2023. Available from:

<https://www.tradewindsnews.com/regulation/deep-divisions-remain-as-china-saudi-arabia-and-russia-oppose-majority-ambition-to-cut-carbon-at-imo/2-1-1425824> The International Chamber of Shipping (ICS) is disappointed by the lack of progress at a meeting to raise decarbonisation targets.

Compliance through maritime audit. Shanelle Prasad. *Fiji Times*. 29 March 2023. Available from:

<https://www.fijitimes.com/compliance-through-maritime-audit/> The reconvening of the National IMO Member State Audit Scheme (IMSAS) Steering Committee now allows the collaboration between the Maritime Safety Authority of Fiji (MSAF) and relevant agencies in rectifying findings of the IMO in the maritime sphere.

ISWG-GHG 14 FEEDBACK: Clean-tech providers pleased with 'initial discussions', but looking for 'further granularity' at MEPC 80. Ian Taylor. *Bunkerspot*. 29 March 2023.

Available from: <https://www.bunkerspot.com/global/58666> Some of the technology providers who will be helping to drive the marine energy transition have shared their thoughts with Bunkerspot on the fourteenth meeting of the Intersessional Working Group on Greenhouse Gases (ISWG-GHG 14) – and while most seem pleased with the tone of last week's discussions, there is a clear call for 'further granularity' to emerge at the eightieth meeting of MEPC 80 in July.

Wrecker nations must not hold shipping hostage over carbon cut ambition. Paul Berrill.

TradeWinds. 30 March 2023. Available from: <https://www.tradewindsnews.com/opinion/wrecker-nations-must-not-hold-shipping-hostage-over-carbon-cut-ambition/2-1-1426405> Two events central to shipping's decarbonisation last week — or rather one event and one non-event — suggest the International Maritime Organization is on its way to becoming a turkey that votes for Christmas.

LAW & POLICY

U.S., Djibouti, Japan Partner in Trilateral Engagement to Combat Illegal Shipping.

Victoria Piccoli. *United States Navy*. 27 February 2023. Available from: <https://bit.ly/42QOH10> Members of the U.S. Navy's Maritime Expeditionary Security Squadron 8, the Djiboutian Navy, and the Japan Maritime Self-Defense Force participated in a trilateral training engagement aboard the Japanese destroyer JS Suzutsuki based in the Port of Djibouti, Feb. 25.

Far-reaching UN treaty a must to cut global plastic use: experts. Linnea Pedersen. *Phys.org*. 27 February 2023. Available from: <https://phys.org/news/2023-02-far-reaching-treaty-global-plastic-experts.html> Only a bold and ambitious UN treaty with sweeping reforms of the entire plastic life cycle can stem the world's waste crisis, experts said Monday.

World's Idled Container Ships Signal Bet on China Recovery. Ann Koh and Kevin Varley. *Bloomberg*. 27 February 2023. Available from: <https://www.bnnbloomberg.ca/world-s-idled-container-ships-signal-bet-on-china-recovery-1.1888876> For a sign of how much global trade has slowed, look no further than idled container ships — unused vessel capacity is near the highest level since a spike after the start of the pandemic.

Ukraine urges UN and Turkey to start talks to extend grain deal. *Reuters*. 28 February 2023. Available from: <https://www.reuters.com/markets/commodities/ukraine-urges-un-turkey-start-talks-extend-grain-deal-2023-02-28/> Ukraine has sent an appeal to the UN and Turkey to start negotiations on extending a grain export deal, but there has been no response, a Ukrainian government source said on Tuesday.

Marcos: It's time for PH to prioritize maritime industry again. Betheena Unite. *Manila Bulletin*. 28 February 2023. Available from: <https://mb.com.ph/2023/02/28/marcos-its-time-for-ph-to-prioritize-maritime-industry-again/> President Ferdinand "Bongbong" Marcos Jr. underscored that it was high time for the country to give priority to the maritime industry again to consolidate its dominant position in the world of global shipping.

Shipping companies reach \$97M California oil spill agreement. *Associated Press*. 1 March 2023. Available from: <https://apnews.com/article/california-oil-spill-pipeline-rupture-shipment-vessel-dba9405cf53aa2b57da1a90870f984e7> Shipping companies will pay nearly \$97 million to settle a lawsuit with a pipeline operator over a 2021 oil spill off the coast of Southern California, the pipeline company said Wednesday.

India imposes ban on oil tankers and bulk carriers more than 25 years old. *ShipTechnology*. 1 March 2023. Available from: <https://www.ship-technology.com/news/india-ban-oil-tankers-carriers/> The Indian Government has decided to impose a ban on oil tankers and bulk carriers that are more than 25 years old.

MSC, world's biggest shipping company and U.S.-China trade bellwether, is betting on a rebound for global economy. Lori Ann LaRocco. *CNBC (US)*. 1 March 2023. Available from: <https://www.cnbc.com/2023/03/01/worlds-biggest-shipment-firm-isnt-talking-like-a-recession-is-coming.html> 🗣️ MSC, Mediterranean Shipping Company, the world's largest ocean freight line, tells CNBC it is expecting positive signals for the global economy from trade demand, but it will be months before a rebound takes hold.

Government must ‘pick winners’ by investing in low-carbon fuels for aviation and rail, says Transport Committee. *UK Parliament.* 2 March 2023. Available from: <https://bit.ly/452dC3w>
The Transport Committee has urged the Government to change its approach towards backing specific technology solutions to decarbonise the UK’s transport sector, or risk failing its targets for cutting emissions.

As New Ocean Treaty Session Continues, Intergovernmental Conference Speakers Warn Discussions Exceed Mandate, Vulnerable Countries’ Needs Not Addressed. *United Nations.* 2 March 2023. Available from: <https://press.un.org/en/2023/sea2174.doc.htm> As the Intergovernmental Conference to draft a new maritime biodiversity treaty convened on the eve of the closure of its resumed fifth session, some delegations expressed concern that discussions have gone beyond the Conference’s scope or are not adequately addressing the needs of geographically and economically vulnerable groups of countries, underscoring that the Conference’s outcome must align with the United Nations Convention on the Law of the Sea.

Our Ocean Conference: EU announces €816.5 million worth of commitments to protect the ocean. *European Commission.* 2 March 2023. Available from: https://ec.europa.eu/commission/presscorner/detail/en/ip_23_1290 Today, at the Our Ocean Conference in Panama, the EU is confirming its strong engagement for international ocean governance by announcing 39 commitments for action for the year 2023.

US blacklists more than two dozen ships and entities for violating sanctions on Iran. Tomer Raanan. *Lloyd’s List.* 2 March 2023. Available from: <https://loydslist.maritimeintelligence.informa.com/LL1144169/> Vessels linked to shipping companies in the UAE, Vietnam and China are in the US State Department’s crosshairs for skirting sanctions on Iran.

Australia joins Vanuatu’s campaign to push for consequences for climate-harming countries through the ICJ. Stephen Dziedzic. *ABC (Australia).* 2 March 2023. Available from: <https://www.abc.net.au/news/2023-03-02/australia-joins-vanuatu-campaign-legal-consequence-climate-harm/102043644> Australia will join more than 100 nations and co-sponsor Vanuatu’s landmark bid to have the International Court of Justice (ICJ) rule on the legal obligations that states have to deal with climate change and the damage it has caused.

U.S Delegation Announced \$6 billion USD in Commitments to Address Threats to Our Ocean, Doubling Last Year’s Pledge. *US Department of State.* 3 March 2023. Available from: <https://www.state.gov/u-s-delegation-announced-6-billion-usd-in-commitments-to-address-threats-to-our-ocean-doubling-last-years-pledge/> At the 2023 Our Ocean Conference in Panama, the U.S. delegation, headed by Special Presidential Envoy for Climate John Kerry, worked with allies and partners to tackle the climate crisis, combat marine pollution, support sustainable fisheries, establish effective marine protected areas, promote a sustainable blue economy, and advance maritime security.

Crucial high seas treaty stuck over sharing of genetic resources. Karen McVeigh. *The Guardian.* 3 March 2023. Available from: <https://www.theguardian.com/environment/2023/mar/03/crucial-un-high-seas-treaty-stuck-over-sharing-of-genetic-resources> As UN member states gathering in New York this week to finally knock out a long-awaited treaty on the high seas announced “significant progress” with just one day left in the talks, a main stumbling block remained: how to fairly share “marine genetic resources” (MGR) and the eventual profits.

Nations reach accord to protect marine life on high seas. Christina Larson and Patrick Whittle. *Associated Press*. 5 March 2023. Available from: <https://apnews.com/article/un-oceans-biodiversity-treaty-0b024fa07e8c1947236d8b8491ebf92c> For the first time, United Nations members have agreed on a unified treaty to protect biodiversity in the high seas - representing a turning point for vast stretches of the planet where conservation has previously been hampered by a confusing patchwork of laws.

Türkiye ‘working hard’ to renew Black Sea grain deal: FM Çavuşoğlu. *Daily Sabah (Türkiye)*. 5 March 2023. Available from: <https://www.dailysabah.com/business/economy/turkiye-working-hard-to-renew-black-sea-grain-deal-fm-cavusoglu> Foreign Minister Mevlüt Çavuşoğlu on Sunday said that Ankara is working hard to extend a U.N.-backed initiative that has enabled Ukraine to export grain from ports blockaded by Russia following its invasion.

UN forges historic deal to protect ocean life: what researchers think. Nicola Jones. *Nature*. 6 March 2023. Available from: <https://www.nature.com/articles/d41586-023-00684-z> After years of debates and discussions, nations have agreed on a High Seas Treaty to protect marine biodiversity and provide oversight of international waters.

U.S. Department of Justice Files Suit to Arrest MOL’s Cruise Ship. *Maritime Executive*. 6 March 2023. Available from: <https://maritime-executive.com/article/u-s-department-of-justice-files-suit-to-arrest-mol-s-cruise-ship> The U.S. Department of Justice is suing Japanese shipping giant MOL to recover damages from the collision of the company’s sole cruise ship with the U.S. Navy fuel pier in Apra, Guam.

UN chief in Ukraine on Wednesday to talk Black Sea grain deal renewal. Michelle Nichols. *Reuters*. 7 March 2023. Available from: <https://www.reuters.com/world/europe/un-chief-ukraine-wednesday-talk-black-sea-grain-deal-renewal-2023-03-07/> United Nations Secretary-General Antonio Guterres will meet Ukrainian President Volodymyr Zelenskiy in Kyiv on Wednesday to discuss extending a deal with Moscow that allows the Black Sea export of Ukraine grains amid Russia’s war in the country.

Twenty-five trailblazing women leading the fight against climate change. Terry Slavin and Karen Luckhurst. *Reuters*. 7 March 2023. Available from: <https://www.reuters.com/business/sustainable-business/twenty-five-trailblazing-women-leading-fight-against-climate-change-2023-03-07/> With so many extraordinary women engaged in the battle against climate change, the biggest task in compiling Reuters Impact’s list of trailblazing women for International Women’s Day was whittling down our long list to only 25.

The high seas are supposed to belong to everyone – a new UN treaty aims to make it law. Cymie Paine and Robert Blasiak. *The Conversation*. 7 March 2023. Available from: <https://theconversation.com/the-high-seas-are-supposed-to-belong-to-everyone-a-new-un-treaty-aims-to-make-it-law-201245> It may come as a surprise to fellow land-dwellers, but the ocean actually accounts for most of the habitable space on our planet.

A changing Pacific landscape this International Women’s Day. Miles Young. *Samoa Observer*. 8 March 2023. Available from: https://www.samoobserver.ws/category/op_ed/102407 When the women and men of our Blue Pacific work together, with equal access to opportunities, incredible things happen.

MOWCA, AfCFTA to strengthen intra-African maritime trade. Adaku Onyenucheya. *Guardian (Nigeria)*. 8 March 2023. Available from: <https://guardian.ng/business-services/maritime/mowca-afcfta-to-strengthen-intra-african-maritime-trade/> The Maritime Organisation of West and Central Africa (MOWCA) has commenced bilateral talks with the African Continental Free Trade Area (AfCFTA) secretariat to strengthen intra-African trade through maritime and other transportation modes.

The fight for human rights at sea. Carlos Salinas. *Manila Times*. 8 March 2023. Available from: <https://www.manilatimes.net/2023/03/08/business/maritime/the-fight-for-human-rights-at-sea/1881737> The Geneva Declaration on Human Rights at Sea was released on March 1, 2022, in Geneva, Switzerland.

'Taking children to work should be a no-brainer', maritime lawyer says. *Times of Malta*. 8 March 2023. Available from: <https://timesofmalta.com/articles/view/taking-children-work-nobrainier-maritime-lawyer-says.1017900> The government should incentivise employers to allow women to have the option to take their children to work in a bid to retain female talent in the workforce and encourage more women to continue pursuing their career after having children, maritime lawyer Ann Fenech told Times of Malta.

The High Seas Treaty Is an Extraordinary Diplomatic Achievement. Stewart Patrick. *Carnegie Endowment for International Peace*. 8 March 2023. Available from: <https://carnegieendowment.org/2023/03/08/high-seas-treaty-is-extraordinary-diplomatic-achievement-pub-89228> Last Saturday night, the world took a giant plunge to protect the world's oceans.

Ukraine, U.N. call for extension of Black Sea grain export deal. Pavel Polityuk. *Reuters*. 8 March 2023. Available from: <https://www.reuters.com/world/ukraine-un-chief-call-black-sea-grain-deal-extension-2023-03-08/> Ukraine's president and United Nations Secretary-General Antonio Guterres called on Wednesday for the extension of a deal with Moscow that has allowed Ukraine to export grain via Black Sea ports during Russia's invasion.

United States Announces \$800 Million in International Commitments for Protecting Our Ocean. *US Department of State*. 8 March 2023. Available from: <https://www.state.gov/united-states-announces-800-million-in-international-commitments-for-protecting-our-ocean/> At the Our Ocean Conference in Panama, the United States highlighted new and recently launched global initiatives totalling more than USD 800 million to protect our ocean and assist developing countries – from supporting the creation of marine protected areas and helping partner countries secure and enforce their marine resources, to improving the resilience of coastal areas to climate change.

The ironic side effects of the rapid global energy transition. Gavin Maguire. *Reuters*. 9 March 2023. Available from: <https://www.reuters.com/business/energy/ironic-side-effects-rapid-global-energy-transition-maguire-2023-03-10/> There's a consensus among some climate advocates that catastrophic global environmental damage can only be avoided by a rapid and comprehensive retooling of the world's energy system and tough caps on emissions for industry.

The Inside Story of the U.N. High Seas Treaty. Jeffrey Marlow. *The New Yorker*. 9 March 2023. Available from: <https://www.newyorker.com/news/daily-comment/the-inside-story-of-the-un-high-seas-treaty> The open ocean, which is home to millions of species and generates much of the oxygen we breathe, is a mostly lawless place.

A Trade Hope: The impact of the Black Sea Grain Initiative. *United Nations Conference on Trade and Development (UNCTAD)*. 9 March 2023. Available from:

<https://unctad.org/publication/trade-hope-impact-black-sea-grain-initiative> The war in Ukraine sent shock waves throughout the global economy, in particular through trade disruptions of food and fertilizers from two of the world's main breadbaskets, Ukraine and the Russian Federation. [Report](#) 📄

Maritime Security: EU updates Strategy to safeguard maritime domain against new threats. *European Commission*. 10 March 2023. Available from:

https://ec.europa.eu/commission/presscorner/detail/en/ip_23_1483 Today, the European Commission and the High Representative adopted a Joint Communication on an enhanced EU Maritime Security Strategy to ensure a peaceful use of the seas and safeguard the maritime domain against new threats.

EU to hold joint naval exercises amid growing maritime security threats. Kate Abnett.

Reuters. 10 March 2023. Available from: <https://www.reuters.com/world/europe/eu-hold-joint-naval-exercises-amid-growing-maritime-security-threats-2023-03-10/> The European Union wants to hold joint naval exercises as part of plans published on Friday to step up its efforts to protect critical infrastructure at sea.

Revealed: How foreign nations control probes into Scots sea accidents. Martin Williams.

Herald Scotland. 12 March 2023. Available from: <https://www.heraldscotland.com/news/homenews/23380055.revealed-foreign-nations-control-probes-scots-sea-accidents/> Safety concerns have been raised over loopholes in maritime legislation which is allowing investigations into major incidents in Scotland's seas to be controlled by foreign nation states thousands of miles away.

Biden Backs \$8 Billion Alaska Oil Project Despite Climate Peril. Jennifer A. Dlouhy. *Bloomberg*.

13 March 2023. Available from: <https://www.bnnbloomberg.ca/biden-backs-8-billion-alaska-oil-project-despite-climate-peril-1.1894784> President Joe Biden authorized a giant ConocoPhillips oil project in northwest Alaska that environmentalists argue has no place in a warming world, even as he sought to bar future drilling across US Arctic waters and lands.

Analysis: Patchwork fixes to Ukraine grain shortfall leave world vulnerable a year into war.

Karl Plume. *Reuters*. 13 March 2023. Available from: <https://www.reuters.com/world/europe/patchwork-fixes-ukraine-grain-shortfall-leave-world-vulnerable-year-into-war-2023-03-13/> A patchwork of fixes and increased crop plantings around the world to counter the impact of war in Ukraine on global grain supplies are not enough to ward off further risks of disruption.

Grain agreement in Black Sea extended: Parties disagree on extension length. *ShippingWatch*.

14 March 2023. Available from: <https://shippingwatch.com/logistics/article15323176.ece> Russia says grain export via the Black Sea is prolonged by 60 days. Ukraine says 120 days.

Indonesia, South Korea strengthen cooperation in maritime affairs. *Antara News (Indonesia)*.

14 March 2023. Available from: <https://en.antaranews.com/news/275478/indonesia-south-korea-strengthen-cooperation-in-maritime-affairs> The Governments of Indonesia and South Korea held an annual Joint Commission meeting to intensify maritime and technological cooperation with discussions regarding climate change mitigation, blue economy, and marine aquaculture technology.

RMT union condemns government response to P&O sackings one year on. Nathalie Edell. *BBC News*. 14 March 2023. Available from: <https://www.bbc.co.uk/news/uk-england-64954188>
The government response to the sackings of nearly 800 P&O workers is a national disgrace, a union has said one year on.

The looming threat of deep-sea mining. Martha Henriques. *BBC Future*. 15 March 2023. Available from: <https://www.bbc.com/future/article/20230310-what-does-the-high-seas-treaty-mean-for-deep-sea-mining> On 5 March, the world reached what could well be a turning point for protection of the world's oceans.

Ensure decent work for key workers. *International Labour Organization (ILO)*. 15 March 2023. Available from: https://www.ilo.org/global/about-the-ilo/newsroom/news/WCMS_871619/lang-en/index.htm The COVID-19 pandemic has shown how societies have undervalued essential workers, as well as the importance of giving such workers adequate pay and decent working conditions. [The value of essential work: World Employment and Social Outlook 2023](#) 📄

UN high seas treaty is a landmark – but science needs to fill the gaps. *Nature*. 15 March 2023. Available from: <https://www.nature.com/articles/d41586-023-00757-z>
The agreement is a once-in-a-generation opportunity for researchers and funders to use every idea and instrument available to preserve the health of the seas.

Black Sea Grain Deal expiration on March 18 puts more than 40 million lives at risk in East Africa, warns the IRC. *International Rescue Committee (IRC)*. 16 March 2023. Available from: <https://www.rescue.org/press-release/black-sea-grain-deal-expiration-march-18-puts-more-40-million-lives-risk-east-africa> The UN must broker a renewal of the Black Sea Grain Deal for 12 months to avert impending famine, global hunger.


Governments must not undermine historic Global Ocean Treaty by giving greenlight to deep sea mining. *Greenpeace International*. 16 March 2023. Available from: <https://www.greenpeace.org/international/press-release/58685/governments-must-not-undermine-historic-global-ocean-treaty-by-giving-greenlight-to-deep-sea-mining/> The 28th Session of the International Seabed Authority starts today with world delegates gathering in Kingston, Jamaica less than two weeks after the Global Ocean Treaty was agreed at the United Nations.

Green technologies: Coherent policy action needed for developing countries to reap the benefits. *United Nations Conference on Trade and Development (UNCTAD)*. 16 March 2023. Available from: <https://unctad.org/news/green-technologies-coherent-policy-action-needed-developing-countries-reap-benefits> 📄 Green technologies – those used to produce goods and services with smaller carbon footprints – are growing and providing increasing economic opportunities but many developing countries could miss them unless national governments and the international community take decisive action. [Technology and Innovation Report](#)

UN backs Turkey, Ukraine in call for 120-day grain deal rollover. Michelle Nichols. *Reuters*. 16 March 2023. Available from: <https://www.reuters.com/world/europe/ukraine-grain-deal-clearly-calls-120-day-rollover-un-says-2023-03-16/> The United Nations backed Turkey and Ukraine on Thursday by calling for a 120-day rollover of an agreement allowing the safe export of grain from several Ukrainian Black Sea ports after Russia said it would only extend the pact for 60 days.

Has the Russia-Ukraine grain deal worked? Arthur Sullivan. *Deutsche Welle (Germany)*. 16 March 2023. Available from: <https://www.dw.com/en/has-the-russia-ukraine-grain-deal-worked/a-64991953> 📄 For five months following Russia's invasion last year, Ukraine - a leading producer of grains and other agricultural products - could not export those goods to the world.

Port Vila call for a just transition to a fossil fuel free Pacific. Pita Ligaiula. *Pacific Islands News Association (PINA)*. 17 March 2023. Available from: <https://pina.com.fj/2023/03/17/port-vila-call-for-a-just-transition-to-a-fossil-fuel-free-pacific/> We, the Ministers and officials from the Kingdom of Tonga, the Republic of Fiji, Niue, the Solomon Islands, Tuvalu, and the Republic of Vanuatu, met for open, transparent and inclusive discussions with regional and international experts and civil society at the 2nd Ministerial Dialogue on Pathways for the Global Just Transition Away from Fossil Fuels hosted in Port Vila by the Governments of Vanuatu and Tuvalu from 15-17 March 2023.


Commonwealth study finds increased focus on ocean-climate action. *The Commonwealth*. 17 March 2023. Available from: <https://thecommonwealth.org/news/commonwealth-study-finds-increased-focus-ocean-climate-action> New research has found that most of the Commonwealth's coastal and island states have mainstreamed ocean-based actions into their national climate commitments. ['Blueing' the NDCs](#) 

IRC disappointed by only 60-day extension of Black Sea Grain Deal. *International Rescue Committee*. 18 March 2023. Available from: <https://www.rescue.org/press-release/irc-disappointed-only-60-day-extension-black-sea-grain-deal> The International Rescue Committee is disappointed that a deal has been brokered for only 60 days for the Black Sea Grain Alliance before its expiration date today, March 18.

Black Sea Grain Initiative extended on deadline day. *UN News*. 18 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134762> The announcement was made in a Note to Correspondents, released by the UN Secretary-General's spokesperson's office on Saturday, which emphasized that the Initiative allows for the "facilitation of the safe navigation for the exports of grain and related foodstuffs and fertilizers, including ammonia, from designated Ukrainian seaports."

Turkish president announces extension of Black Sea grain deal. Diyar Guldogan. *Anadolu Agency (Türkiye)*. 19 March 2023. Available from: <https://www.aa.com.tr/en/turkiye/turkish-president-announces-extension-of-black-sea-grain-deal/2849446> The Black Sea grain deal that was due to expire on Sunday has been extended, Turkish President Recep Tayyip Erdogan announced on Saturday.

First Woman Selected as CMF's Next Senior Enlisted Leader. *Combined Maritime Forces (CMF)*. 19 March 2023. Available from: <https://combinedmaritimeforces.com/2023/03/19/first-woman-selected-as-cmfs-next-senior-enlisted-leader/> On March 19, Combined Maritime Forces (CMF) announced the selection of the first woman to serve as the senior enlisted leader for the 38-nation naval partnership led by the commander of U.S. Naval Forces Central Command (NAVCENT) in Bahrain.

Government should invest in maritime tech, cleaner fuels and workforce, Transport Committee says. *UK Parliament*. 20 March 2023. Available from: <https://committees.parliament.uk/committee/153/transport-committee/news/194252/> The Transport Committee publishes a report on the Government's Maritime 2050 strategy, and calls for investment in new technology, cleaner fuels and workforce training so that the UK's sector can compete with the world. [Maritime 2050: Fifth Report of Session 2022–23](#) 

Samoa PM urges world to save Pacific people from climate crisis obliteration. Pita Ligaiula. *Pacific Islands News Association (PINA)*. 20 March 2023. Available from: <https://pina.com.fj/2023/03/20/samoa-pm-urges-world-to-save-pacific-people-from-climate-crisis-obliteration/> The world must step back from the brink of climate disaster to save the people of the Pacific from obliteration, the prime minister of Samoa has urged.

IPCC highlights rich nations' failure to help developing world adapt to climate change.

Matteo Civillini. *Climate Home News*. 20 March 2023. Available from:

<https://www.climatechangenews.com/2023/03/20/ipcc-highlights-rich-nations-failure-to-help-developing-world-adapt-to-climate-change/> Vulnerable communities disproportionately affected by global warming are being given 'insufficient' funds to help adapt to extreme climate impacts, the latest report from the Intergovernmental Panel on Climate Change (IPCC) says.

Chamber welcomes Transport Select Committee Report on Maritime 2050. *UK Chamber of Shipping*. 20 March 2023. Available from: <https://www.ukchamberofshipping.com/news/chamber-welcomes-transport-select-committee-report-maritime-2050> Maritime 2050 sets out the government's vision and ambitions for the future of the British maritime sector.

Green lobby after US climate proposal: "Europe has buried its head in the sand".

Tomas Kristiansen and Niklas Krigslund. *ShippingWatch*. 21 March 2023. Available from: <https://shippingwatch.com/regulation/article15400729.ece> An environmental organization is criticizing the European nations for failing to back a new US proposal that would rev up the tempo for green transitioning within global shipping.

Row erupts over deep-sea mining as world races to finalise vital regulations. Karen McVeigh. *The Guardian*. 21 March 2023. Available from:

<https://www.theguardian.com/environment/2023/mar/21/row-erupts-over-deep-sea-mining-as-world-races-to-finalise-vital-regulations> Michael Lodge, a British lawyer and the head of the UN-affiliated body responsible for governing mining in the high seas, has been criticised by diplomats who claim he has been pushing them to accelerate the start of deep-sea mining.

High Seas Treaty needs African support to work. Timothy Walker, Dhesigen Naidoo and David Willima. *Institute for Security Studies (ISS)*. 22 March 2023. Available from: <https://issafrica.org/iss-today/high-seas-treaty-needs-african-support-to-work> After nearly two decades of negotiations, consensus has finally been reached at the United Nations (UN) to protect marine biodiversity in the High Seas.

Nations fight to be called climate vulnerable in IPCC report. Isabella Kaminski. *Climate Home News*. 22 March 2023. Available from: <https://www.climatechangenews.com/2023/03/22/nations-fight-to-be-called-climate-vulnerable-in-ipcc-report/> Representatives of countries from an array of different regions, including Africa, Asia, Latin America and small island states, pushed to be singled out as particularly vulnerable.

Ship It Zero Resolution unanimously passes Central San Pedro Neighborhood Council.

Hellenic Shipping News. 23 March 2023. Available from:

<https://www.hellenicshippingnews.com/ship-it-zero-resolution-unanimously-passes-central-san-pedro-neighborhood-council/> The resolution calls on top maritime import polluters to the United States to commit to making all imports to the United States on 100% zero-emission ships by 2030.

Global trade slows, but 'green goods' grow. *United Nations Conference on Trade and Development (UNCTAD)*. 23 March 2023. Available from: <https://unctad.org/news/global-trade-slows-green-goods-grow> 🇺🇳 Global trade was worth a record \$32 trillion in 2022, but amid deteriorating economic conditions and rising uncertainties, growth turned negative in the last half of the year and is set to stagnate in the first half of 2023. [Global Trade Update \(March 2023\)](#) 🇺🇳

Disaster-hit Vanuatu hopes for ‘historic’ UN climate change resolution. *France 24*. 23 March 2023. Available from: <https://www.france24.com/en/live-news/20230323-disaster-hit-vanuatu-hopes-for-historic-un-climate-change-resolution> The UN General Assembly is set to consider the measure—which asks the International Court of Justice to lay out nations’ obligations for protecting Earth’s climate, and the legal consequences they face if they don’t—on March 29.

Blue Economy: VP tasks committee on an all-inclusive policy document for the maritime sector. Raheem Ibrahim. *Nigerian Observer*. 26 March 2023. Available from: <https://nigerianobservernews.com/2023/03/blue-economy-vp-tasks-committee-on-an-all-inclusive-policy-document-for-the-maritime-sector/> Represented by Minister of Transportation, Muazu Jaji Sambo, Osinbajo, made the call at the fourth meeting in Abuja where he reiterated that the essence of the Committee is to develop a Nigerian version of the Sustainable Blue Economy concept, to have an all-inclusive policy document for the maritime sector in line with global best practices.

Global Economy’s “Speed Limit” Set to Fall to Three-Decade Low. *World Bank*. 27 March 2023. Available from: <https://www.worldbank.org/en/news/press-release/2023/03/27/global-economy-s-speed-limit-set-to-fall-to-three-decade-low> An ambitious policy push is needed to boost productivity and the labor supply, ramp up investment and trade, and harness the potential of the services sector, a new World Bank report shows.

‘With great profit comes great responsibility’: Unions grill Maersk over labour violations at Copenhagen AGM. *International Transport Workers’ Federation (ITF)*. 28 March 2023. Available from: <https://www.itfglobal.org/en/news/great-profit-comes-great-responsibility-unions-grill-maersk-over-labour-violations-copenhagen> Trade unions representing employees of the world’s largest listed shipping company are in Copenhagen today to take their labour message direct to Maersk headquarters as the company records a record \$29 billion profit.

UN backs landmark Pacific-led resolution clearing way for International Court of Justice advisory opinion on climate obligations. Prianka Srinivasan, Fred Hooper and Melissa Maykin. *ABC (Australia)*. 29 March 2023. Available from: <https://www.abc.net.au/news/2023-03-30/vanuatu-closer-to-icj-advisory-opinion-on-climate-obligations/102157176> 🗳️ The United Nations has adopted a landmark resolution asking the International Court of Justice (ICJ) to deliver an opinion on climate change and the legal consequences countries face for harming the environment.

UN seeks court opinion on climate in win for island states. Isabella O’malley and Dana Beltaji. *Associated Press*. 29 March 2023. Available from: <https://apnews.com/article/vanuatu-un-international-court-climate-change-opinion-64a918c2861f795fb4acf05344dcfebb> The countries of the United Nations led by the island state of Vanuatu adopted what they called a historic resolution Wednesday calling for the U.N.’s highest court to strengthen countries’ obligations to curb warming and protect communities from climate disaster.

EU carbon pricing brings new pressures – and new plays – to maritime. *Lloyd’s Register*. 29 March 2023. Available from: <https://www.lr.org/en/latest-news/eu-carbon-pricing-brings-new-pressures-and-new-plays-to-maritime/> The EU Emissions Trading Scheme and FuelEU Maritime can offer significant competitive advantage to owners and charterers that understand the incentives.

Maritime security: Seychelles and Mauritius agree to jointly monitor Mascarene Plateau. Rita Joubert-Lawen. *Seychelles News Agency*. 29 March 2023. Available from: <http://www.seychellesnewsagency.com/articles/18442/> Seychelles and Mauritius have signed an agreement to efficiently use the Seychelles Coastguard and its Mauritian counterpart to monitor the Joint Management Area (JMA) of the Mascarene Plateau in the Indian Ocean.

AFRIPAC: strengthening 5 countries' commitments to a UN Plastics Treaty. *International Union for Conservation of Nature (IUCN)*. 29 March 2023. Available from:

<https://www.iucn.org/story/202303/afripac-strengthening-5-countries-commitments-un-plastics-treaty>

As the world moves towards an international, legally binding instrument on plastic pollution, IUCN and GRID-Arendal partner in a new project: AFRIPAC, "Effective Plastic Treaty Capacity Building for Africa."

Vanuatu commended for spearheading UN resolution on climate justice. Pita Ligaiula. *Pacific Islands News Association (PINA)*. 30 March 2023. Available from:

<https://pina.com.fj/2023/03/30/vanuatu-commended-for-spearheading-un-resolution-on-climate-justice/>


The Pacific Islands Forum has expressed the gratitude of member states to the Government of Vanuatu for its commendable and wide-ranging efforts that's resulted in the historic adoption at the UN General Assembly of the call for an Advisory Opinion from the International Court of Justice on the obligation of States on climate change and human rights.

Responding to the Independent Review of Net Zero's Recommendations. *UK Government*.

30 March 2023. Available from: <https://bit.ly/3Ofr5z1> Chris Skidmore was asked to lead the review and focus on how we can deliver a pro-growth, cost effective net zero in the context of global economic shocks.

MARINE TECHNOLOGY

Maritime Single Window whitepaper by Kale and IPCSA becomes the Point of Discussion at the IMO-IAPH-BIMCO Hybrid Symposium. *Kale Logistics*. 28 February 2023. Available from:

<https://kalelogistics.com/kale-and-ipcsa-collaborate-to-drive-adoption-of-maritime-single-window-for-electronic-data-exchange/> Kale Logistics Solutions (Kale) with support of International Port Community System Association (IPCSA) has released a comprehensive whitepaper on Maritime Single Window. [Maritime Single Window: Connecting the World of Maritime](#) 

Prince Madog research vessel to be powered by hydrogen in £5.5m Transship II project.

Bangor University (UK). 28 February 2023. Available from: <https://www.bangor.ac.uk/news/2023-02-28-prince-madog-research-vessel-to-be-powered-by-hydrogen-in-ps55m-transship-ii>

The Transship II project is the largest retrofit of its kind to-date and will see the *Prince Madog* retrofitted with a hydrogen electric hybrid propulsion system that will enable zero to low emission operation by 2025.

Cargill testing new sail technology for cargo ships to cut emissions. Jonathan Saul. *Reuters*.

1 March 2023. Available from: <https://www.reuters.com/business/sustainable-business/cargill-testing-new-sail-technology-cargo-ships-cut-emissions-2023-03-01/> Cargill, one of the world's biggest ship charterers, is stepping up a push to resurrect wind power for cargo ships as the agricultural commodities group moves to cut emissions from its chartered fleet.

The rise of marine hackathons. Dennis O'Neill. *Marine Professional (IMarEST)*. 3 March 2023.

Available from: <https://www.imarest.org/themarineprofessional/on-the-radar/6781-the-rise-of-marine-hackathons> An increasingly popular competition format is helping the maritime sector find quick and creative solutions to pressing digital problems.

Spy in the sky might be used to track ghost ships. Eoin English. *Irish Examiner*. 5 March 2023.

Available from: <https://www.irishexaminer.com/news/arid-41085487.html> The State is examining satellite technology to help it identify and track ghost ships or lost containers in Irish territorial waters.

MSC: 'We are willing and ready' to further adopt alternative fuels. Jasmina Ovcina Mandra. *Offshore Energy*. 7 March 2023. Available from: <https://www.offshore-energy.biz/msc-we-are-willing-and-ready-to-further-adopt-alternative-fuels/> World's largest container shipping company MSC is ready to embrace alternative fuels as part of its commitment to decarbonize its operations, Claudio Abbate, Vice President of Maritime Policy and Government Affairs at MSC Group, said.

Undersea graveyard for imported CO2 opens in Denmark. *France 24*. 8 March 2023. Available from: <https://www.france24.com/en/live-news/20230308-undersea-graveyard-for-imported-co2-opens-in-denmark> Denmark on Wednesday inaugurated a project to store carbon dioxide 1,800 metres beneath the North Sea, becoming the first country in the world to bury CO2 imported from abroad.

INEOS led consortium announces breakthrough in carbon capture and storage. *INEOS*. 8 March 2023. Available from: <https://www.ineos.com/news/ineos-group/ineos-led-consortium-announces-breakthrough-in-carbon-capture-and-storage/> A world first, Project Greensand, shows that Carbon Capture and Storage (CCS) can work after carbon dioxide (CO2) from Belgium is successfully captured, transported and stored under the Danish North Sea.

Carbon capture projects tackling climate change. *Al Jazeera*. 8 March 2023. Available from: <https://www.aljazeera.com/news/2023/3/8/carbon-capture-projects-tackling-climate-change> A groundbreaking offshore carbon capture and storage site will be launched in the Danish part of the North Sea on Wednesday.

What will power ocean vessels under IMO 2050? John Kingston. *FreightWaves*. 9 March 2023. Available from: <https://www.freightwaves.com/news/what-will-power-ocean-vessels-under-imo-2050> Four years ago at CERAWEEK, discussion of marine fuels focused on IMO 2020, which at that point was looming for full implementation of its tighter sulfur levels the following year.

Dismissal of Methanol as marine fuel leads to pushback. Michael Barnard. *CleanTechnica*. 10 March 2023. Available from: <https://cleantechnica.com/2023/03/10/dismissal-of-methanol-as-marine-fuel-leads-to-pushback/> A few days ago I assessed Methanex' claims that its methanol-fuelled sailing across the Atlantic was carbon-neutral.

Saudi Arabia aims to boost modern technologies. *Arab News (Saudi Arabia)*. 11 March 2023. Available from: <https://arab.news/5xd35> Rumaih Al-Rumaih, acting chairman of the Saudi Transport General Authority, signed an agreement with Kitak Lim, secretary-general of the International Maritime Organization, in London.

PCG delivers Japan's equipment for Mindoro oil spill cleanup. *Philippine News Agency*. 13 March 2023. Available from: <https://www.pna.gov.ph/articles/1197275> The Philippine Coast Guard (PCG) has delivered 5.1 tons of equipment from the Japan Disaster Response (JDR) team to help in the ongoing oil spill cleanup in Oriental Mindoro province.

Study: Retrofitting to green ammonia will be difficult and costly. Idha Toft Valeur. *ShippingWatch*. 14 March 2023. Available from: <https://shippingwatch.com/regulation/article15323796.ece> It will be very difficult and very expensive to retrofit deep sea vessels to be fuelled by green ammonia in the coming years.

Fujairah expects more refineries to be set up to produce marine fuel. John Benny.

The National (UAE). 14 March 2023. Available from:

<https://www.thenationalnews.com/business/2023/03/14/fujairah-expects-more-refineries-to-be-set-up-to-produce-marine-fuel/> Fujairah, the world's third-largest bunkering hub, expects energy companies to set up more refineries in the emirate to produce low-sulphur marine fuels.

Blue fuels are a vital component of the maritime energy transition. Matthias Ólafsson.

Splash247.com. 15 March 2023. Available from: <https://splash247.com/blue-fuels-are-a-vital-component-of-the-maritime-energy-transition/>

In looking beyond fossil fuels, shipping's regulators should not seek to cut the industry off from the sources it needs to shift towards renewables, writes Matthias Ólafsson from the Methanol Institute.

UAE's Fujairah needs to step up investments for new bunker fuels -execs. Jeslyn Lerh.

Reuters. 16 March 2023. Available from: <https://www.reuters.com/business/energy/uaes-fujairah-needs-step-up-investments-new-bunker-fuels-execs-2023-03-15/> UAE's Fujairah must step up investments for storage and supply of new alternative fuels as these markets are still lacking traction at the world's third-largest bunkering hub despite the urgency for maritime decarbonisation, industry executives said on Wednesday.

Methane Abatement in Maritime Innovation Initiative gains momentum with major new signatories. *Lloyd's Register*. 16 March 2023. Available from: <https://www.lr.org/en/latest-news/mamii-seven-new-signatories/>

A major cross sectoral initiative tasked with reducing methane emissions across the maritime industry has announced seven new members at a Lloyd's Register LNG Forum event in Doha, Qatar.

Sustainable biofuels and hydrogen can help shipping cut emissions, says IPCC.

Enes Tunagur. *Lloyd's List*. 20 March 2023. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1144381/> The world needs to cut greenhouse gas emissions by up to 60% by 2035 to limit global warming to 1.5°C, scientists have warned.

Ukraine: how uncrewed boats are changing the way wars are fought at sea. Adam James

Fenton. *The Conversation*. 21 March 2023. Available from: <https://theconversation.com/ukraine-how-uncrewed-boats-are-changing-the-way-wars-are-fought-at-sea-201606> When Ukraine successfully deployed self-driving "drone" boats for a major attack on the Russian navy at Sevastopol in Crimea in September 2022 it was a defining moment that changed the future of naval warfare.

OGCI, Stena, & GCMD get go-ahead to use carbon capture on oil tanker pilot to decarbonise shipping. *Global Centre for Maritime Decarbonisation (GCMD)*. 22 March 2023. Available from:

<https://www.gcformd.org/post/ogci-stena-gcmd-gets-go-ahead-to-use-carbon-capture-on-oil-tanker-pilot-to-decarbonise-shipping> A consortium of global shipping organisations and the Oil and Gas Climate Initiative (OGCI) have received approval in principle from the American Bureau of Shipping (ABS), the US ship certification agency, to use a carbon capture system onboard an oil tanker.

New fuels will be late and in short supply - DNV. Gary Howard. *Seatrade Maritime News*.

22 March 2023. Available from: <https://www.seatrade-maritime.com/regulation/new-fuels-will-be-late-and-short-supply-dnv> In his keynote address at CMA Shipping 2023, Knut Ørbeck-Nilssen, CEO of maritime at DNV gave a stark appraisal of the challenges facing the industry.

Managing and measuring the marine fuel transition. Barry Parker. *Seatrade Maritime News*. 23 March 2023. Available from: <https://www.seatrade-maritime.com/bunkering/managing-and-measuring-marine-fuel-transition> Barbara Troner, from S&P Global began the session with an overview possible future uptake of ammonia, methanol, hydrogen, LNG and biofuels.

Autonomy is in sharper focus but lacks clear definitions. Richard Clayton. *Lloyd's List*. 23 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144423> Autonomous shipping is turning research and development effort into commercial solutions, according to Sinikka Hartonen, secretary general of the One Sea association of autonomous technology providers.

Biofuels replace LNG as most popular alternative fuel, survey shows. Enes Tunagur. *Lloyd's List*. 23 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144434> Biofuels are set to become the main alternative fuel choice, replacing liquefied natural gas, according to a survey.

European Green Deal: Agreement reached on cutting maritime transport emissions by promoting sustainable fuels for shipping. *European Commission*. 23 March 2023. Available from: https://ec.europa.eu/commission/presscorner/detail/en/ip_23_1813 The Commission welcomes the political agreement reached between the European Parliament and the Council that increases the maritime transport sector's contribution to reaching the EU-wide target of reducing net greenhouse gas emissions by at least 55% by 2030, and to achieving climate neutrality in 2050.

Navigating the future: the promise of autonomous boats. Rory Cross. *University of New South Wales (Australia)*. 24 March 2023. Available from: <https://newsroom.unsw.edu.au/news/business-law/navigating-future-promise-autonomous-boats> A UNSW maritime law expert says autonomous vessels are on the rise – and with them, potential legal challenges.

Digitalization to reform Kingdom's maritime sector. *Arab News (Saudi Arabia)*. 25 March 2023. Available from: <https://www.arabnews.com/node/2275481/saudi-arabia> The Kingdom's maritime sector is progressing in alignment with the National Transport and Logistics Strategy and Saudi Ports Authority's targets, which aim to position Saudi as a global logistics hub.

Carbon Capture and Shipping: Will Onboard Carbon Capture Technologies Drive Shipping's Decarbonization Process? *Hellenic Shipping News*. 27 March 2023. Available from: <https://www.hellenicshippingnews.com/carbon-capture-and-shipping-will-onboard-carbon-capture-technologies-drive-shippings-decarbonization-process/> Shipping's decarbonization process is in full swing as pressure is mounting for a cleaner industry.

Carbon Capture and Shipping: Will Onboard Carbon Capture Technologies Drive Shipping's Decarbonization Process? Nikos Roussanoglou. *Hellenic Shipping News*. 27 March 2023. Available from: <https://www.hellenicshippingnews.com/carbon-capture-and-shipping-will-onboard-carbon-capture-technologies-drive-shippings-decarbonization-process/> Shipping's decarbonization process is in full swing as pressure is mounting for a cleaner industry.

Shipping-container seals standardized. Lin Shujuan. *China Daily*. 28 March 2023. Available from: <https://www.chinadaily.com.cn/a/202303/28/WS642243f3a31057c47ebb6e9b.html> The International Organization for Standardization recently released a standard for international container transportation proposed by a research team from East China Normal University, which is set to bring a digital upgrade to the industry.

Environmental Strategy Part 2/2 - Succeeding in the Transition to Low- and Zero Emission Fuels. *Klaveness Combination Carriers*. 29 March 2023. Available from: <https://futurebound.podbean.com/e/environmental-strategy-part-22-succeeding-in-the-transition-to-low-and-zero-emission-fuels/> While KCC is committed to transitioning to low and zero-emission fuels within this decade, achieving this ambitious goal requires a concerted global effort.

Carbon capture: What is it and how does it fight climate change? Jonah Fisher. *BBC News*. 30 March 2023. Available from: <https://www.bbc.co.uk/news/science-environment-64723497> The UK government has announced that the first sites in the UK to capture greenhouse gases will be in Teesside.

Are there really any limits to artificial intelligence in shipping? Kris Kosmala. *Splash 247.com*. 30 March 2023. Available from: <https://splash247.com/are-there-really-any-limits-to-artificial-intelligence-in-shipping/> I read an interesting argument this week in the context of the usability of artificial intelligence (AI) in the business of shipping.

Methanol joins the fast-track fuel race. Craig Jallal. *Tanker Shipping & Trade*. 31 March 2023. Available from: <https://www.rivieramm.com/news-content-hub/methanol-joins-the-fast-track-fuel-race-75493> Methanol has been a tanker cargo and fuel for decades and is fast becoming the accepted alternative fuel for all types of newbuildings.

Groups push full maritime digitization. Genevi Factao. *Manila Times*. 31 March 2023. Available from: <https://www.manilatimes.net/2023/03/31/news/groups-push-full-maritime-digitization/1885115> Government maritime agencies as well as private maritime stakeholders pressed for the full digitalization of the country's maritime industry.

MARITIME EDUCATION & TRAINING

Regulatory delay is holding back vital seafarer training. Richard Clayton. *Lloyd's List*. 28 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144128/> New training courses are expensive to develop and take many years to introduce, a factor to be considered given the hundreds of thousands of seafarers needing additional training by 2030.

MARINA, UP Open University team up to innovate maritime education. Martin Sadongdong. *Manila Bulletin*. 3 March 2023 Available from: <https://mb.com.ph/2023/03/03/marina-up-open-university-team-up-to-innovate-maritime-education/> Learners who are interested to pursue a career in the maritime industry have now better options to achieve their dream.

STCW: the foundations of maritime education. *Nautilus International*. 7 March 2023. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/stcw-the-foundations-of-maritime-education/> Changes are afoot in nautical studies, with new shipboard technology and training methods matched by the need for extra social support for seafarers.

Competency clampdown. Dennis O'Neill. *Marine Professional (IMarEST)*. 10 March 2023. Available from: <https://www.imarest.org/themarineprofessional/the-long-read/6791-competency-clampdown> With the EC about to announce whether it intends to ban Filipino seafarers from EU-flagged ships, urgent moves are underway in the Philippines to address long-term systemic failures in the country's maritime training and qualifications programmes.

GMA begins National Training on Casualty Investigation Code. *News Ghana*. 14 March 2023. Available from: <https://newsghana.com.gh/gma-begins-national-training-on-casualty-investigation-code/> The Ghana Maritime Authority (GMA) in collaboration with the International Maritime Organisation (IMO) has begun a two-week training workshop on Casualty Investigation Code for Flag State Inspection Officers in Ghana.

Five-day training on international convention for seafarers. Shanelle Prasad. *Fiji Times*. 15 March 2023. Available from: <https://www.fijitimes.com/five-day-training-on-international-convention-for-seafarers/> A five-day training was held recently to facilitate the delivery of requirements of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).

Digital services: Cloud-based seafarer training marketplace surges on Covid shift. Paul Berrill. *TradeWinds*. 17 March 2023. Available from: <https://www.tradewindsnews.com/business-focus/digital-services-cloud-based-seafarer-training-marketplace-surges-on-covid-shift/2-1-1411964> Online seafarer training took big steps forward during the Covid pandemic.

Human capital in shipping's digital age: The maritime recruiter's perspective. *Hellenic Shipping News*. 18 March 2023. Available from: <https://www.hellenicshippingnews.com/human-capital-in-shippings-digital-age-the-maritime-recruiters-perspective/> In part one of this two-part series on human capital in shipping – a key theme at Europort 2023 – Jakob le Fevre offers his take on the training and recruitment of maritime professionals in today's fast-changing and fiercely competitive market.

'SL in a position to provide professionals to global maritime industry'. Hiran H. Senewiratne. *The Island (Sri Lanka)*. 19 March 2023. Available from: <https://island.lk/sl-in-a-position-to-provide-professionals-to-global-maritime-industry/> Sri Lanka is in an ideal position to provide seafarers and maritime professionals to the global maritime industry, with the expansion of global trade and the establishment of a number of new sea ports in the future, General Manager, McLaren's Maritime Academy (Pvt.) Ltd. (MMA) Capt. Dhakshina Perera said.

Kiribati recruits first female Oceanographer at a National Meteorological Service in the Pacific. *Pacific Community (SPC)*. 22 March 2023. Available from: <https://www.spc.int/updates/blog/interactive-story/2023/03/kiribati-recruits-first-female-oceanographer-at-a-national> Miriam Kataunati of the Kiribati Meteorological Service (KMS) is the meteorological service's newly appointed and KMS's first – Oceanographer.

Shipping must adapt to retain and attract talent. Tomer Raanan. *Lloyd's List*. 27 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144440/> The maritime sector faces workforce challenges amid a tight labour market, shortage of mariners and changing expectations from prospective employees, according to recruiters and shipmanagers.

Nor-Shipping launches Ocean Campus in partnership with World Maritime University. *Nor-Shipping 2023*. 30 March 2023. Available from: <https://nor-shipping.com/nor-shipping-launches-ocean-campus-in-partnership-with-world-maritime-university/> Nor-Shipping is launching a fresh initiative to strengthen and support the pipeline of new talent entering the world of maritime and ocean business.

MARITIME SAFETY

Safety Investigation Report 03/2023 - MT PEARL LNG Injury to three crew members.

Government of Malta. February 2023. Available from:

https://mtip.gov.mt/en/msiu/Documents/MT%20Pearl%20LNG_Final%20Safety%20Investigation%20Report.pdf

Shortly after 1430 (LT) on 23 February 2022, three crew members on board the Maltese-registered LNG carrier *Pearl LNG*, were involved in an accident, about 185 nautical miles West Southwest of Saint Nazaire, France.

Serious injury to crew members during maintenance work reveals Transport Malta Investigation.

The International Institute of Marine Surveying (IIMS). 13 March 2023. Available

from: <https://www.iims.org.uk/serious-injury-to-crew-members-during-maintenance-work-reveals-transport-malta-investigation/>

Transport Malta has published an investigation report about an incident which resulted in serious injury to three crew members during maintenance work on the fire jockey hydrophore tank on 23 February 2022.

Benefits of ship vetting inspections exposed.

Martyn Wingrove. *Marine Propulsion & Auxiliary Machinery*. 7 March 2023. Available from: <https://www.rivieramm.com/news-content-hub/benefits-of-ship-inspections-and-vetting-exposed-75166> This event was held 28 February 2023, sponsored by RightShip, during Riviera's Bulk Carrier Webinar Week, supported by Intercargo and Marine Propulsion.

Close Call in Panama Canal Locks Raises Safety Concerns.

Charlie Bartlett. *gCaptain*.

10 March 2023. Available from: <https://gcaptain.com/close-call-in-panama-canal-locks-raises-safety-concerns/> OOCL *Utah's* near-collision on Sunday with a Panama Canal lock gate suggests a tragic and costly accident is waiting to happen, say experts.

North Korea fires 2 short-range ballistic missiles: South Korea.

Kyodo News (Japan).

14 March 2023. Available from: <https://english.kyodonews.net/news/2023/03/638aab50120e-urgent-n-korea-fires-ballistic-missile-toward-sea-of-japan-s-korea.html> North Korea launched two short-range ballistic missiles from its west coast toward the Sea of Japan on Tuesday, the South Korean military said, a day after South Korea and the United States began a large-scale military exercise.

ITF targets four worst flags in bid to scrap unsafe shipping from Mediterranean Sea.

International Transport Workers' Federation (ITF). 16 March 2023. Available from:

<https://www.itfglobal.org/en/news/itf-targets-four-worst-flags-in-bid-scrap-unsafe-shipping-mediterranean-sea>

Up to a thousand ships flagged to the Cook Islands, Palau, Sierra Leone, and Togo will be targeted for safety, maintenance and seafarer welfare inspections across the Mediterranean Sea in the coming eight weeks by an army of inspectors from the International Transport Workers' Federation (ITF), seafarers' unions and port authorities.

Op-Ed: Befriending Stowaways Puts Seafarers at Risk.

Simon Hodgkinson. *Maritime Executive*.

20 March 2023. Available from: <https://www.maritime-executive.com/editorials/op-ed-befriending-stowaways-puts-seafarers-at-risk> As the container barge *Brooklyn Bridge* arrived in San Juan on a routine voyage from Jacksonville last week, 16 migrants jumped over the side and attempted to swim to shore.

Hundreds of ‘ghost tankers’ in Gulf of Finland pose risk for maritime safety. Pekka Vanttinen. *EurActiv*. 20 March 2023. Available from: <https://www.euractiv.com/section/politics/news/hundreds-of-ghost-tankers-in-gulf-of-finland-pose-risk-for-maritime-safety/> Unidentified tankers are shipping oil through the Gulf of Finland after the G7 implemented a \$60 price cap on Russian oil and the EU and UK imposed a ban on the seaborne import of Russian crude oil forcing Moscow to increase long-distance shipments using questionable vessels.

Flags refute claims as ITF vows crackdown on ‘substandard shipping’. Nidaa Bakhsh. *Lloyd’s List*. 20 March 2023. Available from: <https://loydslist.maritimeintelligence.informa.com/LL1144349/> The International Transport Workers’ Federation will be targeting ships flagged to the Cook Islands, Palau, Sierra Leone, and Togo for safety, maintenance and seafarer welfare inspections.

How we mitigate risk handling your electrical vehicles on our vessels. *Wallenius Wilhelmsen*. 27 March 2023. Available from: <https://www.walleniuswilhelmsen.com/news/electric-vehicles-pose-a-new-threat-to-safety-on-the-high-seas> Fires onboard vessels can have catastrophic consequences, and battery fires are extra potent and dangerous.

IMO amends SOLAS to regulate the supply of low flashpoint bunkers. Puneet Sareen and Kin Cheung (KC) Kung. *Clyde & Co LLP*. 28 March 2023. Available from: <https://www.clydeco.com/en/insights/2023/03/imo-amends-solas-to-regulate-the-supply-of-low-fla> It is a known fact that off-specification or contaminated bunkers can disable vessel engines, endangering vessel, crew, and cargo on board and giving rise to significant losses for all parties to the maritime adventure.

Gard releases updated Guidance on Stowaways. Kristin Urdahl and Lene-Camilla Nordlie. *Gard*. 29 March 2023. Available from: <https://www.gard.no/web/articles?documentId=35145819> Gard has recently published an updated comprehensive guide on stowaways outlining the problem, the applicable regulations, assessing the risk of stowaways, prevention at port and humane handling of stowaways found on board. [Guidance on Stowaways](#) 📄

MARITIME SECURITY

HMS Lancaster seizes anti-tank missiles after high-speed chase in Gulf of Oman. *Royal Navy*. 2 March 2023. Available from: <https://www.royalnavy.mod.uk/news-and-latest-activity/news/2023/march/02/20230302-hms-lancaster-arms-haul> Royal Marines of 42 Commando from *HMS Lancaster* pounced on a speed boat after scrambling its Wildcat helicopter to track the vessel darting through international waters

Update of EU Maritime Security Strategy key to address evolving maritime threats. *European Community Shipowners’ Associations (ECSA)*. 13 March 2023. Available from: <https://www.ecsa.eu/news/update-eu-maritime-security-strategy-key-address-evolving-maritime-threats> The European shipping industry warmly welcomes the updated EU Maritime Security Strategy and its Action Plan on “An enhanced EU Maritime Security Strategy for evolving maritime threats”.

Indonesia’s maritime security agency launches joint patrol. *Antara News (Indonesia)*. 15 March 2023. Available from: <https://en.antaranews.com/news/275601/indonesias-maritime-security-agency-launches-joint-patrol> Chief of the Indonesian Maritime Security Agency (Bakamla), Vice Admiral Aan Kurnia, officially launched the “Yudhistira -1/23” joint patrol at the pier of Bitung city, North Sulawesi, on Wednesday.

North Korea conducts ICBM test ahead of Japan-South Korea summit. *Kyodo News (Japan)*. 16 March 2023. Available from: <https://english.kyodonews.net/news/2023/03/bab81d4a78b3-breaking-news-n-korea-fires-suspected-ballistic-missile-japan-defense-ministry.html> North Korea test-fired an intercontinental ballistic missile Thursday just hours before Japan and South Korea hold a summit in Tokyo to discuss issues including cooperation in responding to Pyongyang's threats.

Experts agree to boost Red Sea maritime security at Riyadh workshop. Rashid Hassan. *Arab News (Saudi Arabia)*. 16 March 2023. Available from: <https://arab.news/vzzy2> Officials from ports and maritime companies in Saudi Arabia, GCC countries, and Europe joined government maritime and defense representatives from the region.

Armed guards return fire as Greek bulker comes under attack off Yemen. Gary Dixon. *TradeWinds*. 17 March 2023. Available from: <https://www.tradewindsnews.com/bulkers/armed-guards-return-fire-as-greek-bulker-comes-under-attack-off-yemen/2-1-1421360> Vessels plying the Red Sea route past Yemen have been advised to be on alert after a cargo vessel came under fire on Friday.

Maintaining Nigeria's momentum in the fight against maritime criminality. Musa Ilallah. *Vanguard (Nigeria)*. 17 March 2023. Available from: <https://www.vanguardngr.com/2023/03/maintaining-nigerias-momentum-in-the-fight-against-maritime-criminality/> 2023 kicked off on a significant note for the Nigerian Navy, with the hosting by Nigeria of Exercise Obangame Express 2023, the largest multinational maritime exercise in Western and Central Africa, in collaboration with U.S. Africa Command and U.S. Naval Forces Europe and Africa.

East Africa's War on Illicit Maritime Trade, and How Exercise Cutlass Express 2023 is Changing the Narrative. *United States Navy*. 17 March 2023. Available from: <https://www.navy.mil/Press-Office/News-Stories/Article/3333189/> Across Africa, partner nations have joined to train and work alongside each other to combat the laundry list of maritime crime on the continent.

Seychelles' maritime security centre expected to play major role in future Cutlass Express exercises. Sedrick Nicette. *Seychelles News Agency*. 17 March 2023. Available from: <https://bit.ly/42WQUYK> The Regional Centre for Operational Coordination based in Seychelles is expected to play an instrumental role in coordinating the Cutlass Express regional exercise led by the United States Naval Forces Africa.

Iranian Commander Highlights Importance of Joint Naval Drill in Countering Maritime Terrorism. *Tasnim News Agency (Iran)*. 18 March 2023. Available from: <https://www.tasnimnews.com/en/news/2023/03/18/2869019/> Rear Admiral Shahram Irani, the commander of the Iranian Navy, emphasized the significance of ensuring the security of sailors worldwide and countering maritime terrorism as key objectives of the Joint Maritime Exercise 2023.

Council extends mandate of EU military Operation IRINI in the Mediterranean until 2025. *Council of the European Union*. 20 March 2023. Available from: <https://www.consilium.europa.eu/en/press/press-releases/2023/03/20/council-extends-mandate-of-eu-military-operation-irini-in-the-mediterranean-until-2025/> In this context, the Council decided that the disposal of arms and related materiel seized by the operation should be further facilitated.

Royal Navy's Gulf forces complete world's second-largest maritime exercise. *Royal Navy*. 20 March 2023. Available from: <https://bit.ly/3o5zOJu> The second-largest naval exercise in the world has ended across the Middle East with Royal Navy ships and sailors pushing technological boundaries and sharing their expertise to a raft of allies.

EMSA deploys remotely piloted aircraft services over the Gulf of Genova for increased maritime surveillance in support of the Italian Coast Guard. *European Maritime Safety Agency (EMSA)*. 23 March 2023. Available from: https://emsa.europa.eu/index.php?option=com_flexicontent&view=item&cid=24&id=4928 EMSA has started the deployment of its remotely piloted aircraft services in support of the Italian Coast Guard to gain increased maritime awareness over the Gulf of Genova until the summer.

Capacity building program in investigating incidents at sea ongoing in Accra. *GhanaWeb*. 24 March 2023. Available from: <https://www.ghanaweb.com/GhanaHomePage/business/Capacity-building-program-in-investigating-incidents-at-sea-ongoing-in-Accra-1737284> The International Maritime Organization (IMO) encourages the promotion of a common approach to investigating marine casualties and incidents.

Southeast Asia's Maritime Security Challenges: An Evolving Tapestry. Scott Edwards and John Bradford. *Asia Maritime Transparency Initiative*. 28 March 2023. Available from: <https://amti.csis.org/southeast-asias-maritime-security-challenges-an-evolving-tapestry/> Located at the crossroads of the Indo-Pacific, the Southeast Asian region incorporates some of the world's most essential straits and sea lines of communication.

Standing NATO Maritime Group 2 visits Souda Bay conducts training at sea. *NATO Allied Maritime Command (MARCOM)*. 28 March 2023. Available from: <https://mc.nato.int/media-centre/news/2023/standing-nato-maritime-group-2-visits-souda-bay-conducts-training-at-sea> The task group entered port after operating in the Adriatic, Ionian, and Central Mediterranean Seas where it conducted gunnery exercises as well as vigilance activities.

MIGRANTS

'The beach is like a cemetery': Italian village grapples with shipwreck aftermath. Angela Giuffrida. *The Guardian*. 27 February 2023. Available from: https://www.theguardian.com/world/2023/feb/27/italy-shipwreck-calabria-migration?CMP=share_btn_tw It was about 5.30am on Sunday when Vincenzo Luciano rushed to the beach in Steccato di Cutro in Italy's southern Calabria region after receiving a call from a fellow fisher who described seeing a boat breaking up in the waves.

Italy's coast guard, navy, bring hundreds of migrants ashore. Frances D'Emilio. *Associated Press*. 11 March 2023. Available from: <https://apnews.com/article/migration-italy-shipwreck-migrants-meloni-f564a4d859d6c8dda2d711f916d149a0> Italian coast guard and navy vessels on Saturday ferried hundreds of rescued migrants toward shore, while elsewhere in the Mediterranean Sea thousands of migrants overflowed from a shelter on a tiny tourist island.

Record-breaking number of migrants reach Italy in 48 hours. *Euronews*. 26 March 2023. Available from: <https://www.euronews.com/2023/03/26/record-breaking-number-of-migrants-reach-italy-in-48-hours> In the past 48 hours, more than 4000 migrants have reached Southern Italy - a new record - with some 2,000 people disembarking on the island of Lampedusa alone.

More boats sink off Tunisia's coast, killing 29 asylum seekers. *Al Jazeera*. 26 March 2023.

Available from: <https://www.aljazeera.com/news/2023/3/26/another-boat-sinks-off-tunisia-killing-19-african-asylum-seekers> Tunisia's coast guard recovered 10 bodies from a migrant boat which sank near the coast, the second vessel to sink within hours off Tunisia, bringing the death toll to 29, according to a security official.

NAVIGATION & COMMUNICATIONS

EU eases sanctions on ship piloting to avoid accidents. Peter Thomsen. *ShippingWatch*.

1 March 2023. Available from: <https://shippingwatch.com/regulation/article15221180.ece> Due to requests from northern countries, the EU has decided to provide exemptions for ship piloting services in the sanctions on Russia.

Bridge Watch: Paper vs Digital Charts. *Dryad Global*. 2 March 2023. Available from:

<https://channel16.dryadglobal.com/bridge-watch-paper-vs-digital-charts> 🗣️ In this episode of Bridge Watch, Dryad Global's CEO Corey Ranslem talks digital vs paper charts and what the future looks like for global shipping.

World's first uncrewed freight route at sea in the Trondheimsfjord. *Maritime Robotics*.

2 March 2023. Available from: <https://www.maritimerobotics.com/post/world-s-first-uncrewed-freight-route-at-sea-in-the-trondheimsfjord> 🗣️ The Norwegian Coastal Administration and the Norwegian Maritime Directorate have given the green light for the company to operate uncrewed surface vehicles (USVs) on the route between Trondheim and Vanvikan.

Fiji and USA to work on establishing green shipping corridor. *Fijian Broadcasting Corporation (FBC)*.

4 March 2023. Available from: <https://www.fbcnews.com.fj/news/fiji-and-usa-to-work-on-establishing-green-shipping-corridor/> The United States of America, Fiji, and the Pacific Blue Shipping Partnership have announced the intent to engage in technical cooperation to help facilitate the establishment of a green shipping corridor.

IWD: An Interview with India's First and Only Woman Marine Pilot, Reshma Nilofer Visalakshi

MNI. *Cyprus Shipping News*. 10 March 2023. Available from:

<https://cyprusshippingnews.com/2023/03/10/iwd-an-interview-with-indias-first-and-only-woman-marine-pilot-reshma-nilofer-visalakshi-mni/> She is not only India's first woman marine pilot, she is India's only woman marine pilot, and one among an elite few women River Pilots in the world.

Diamond Princess returns to Yokohama 3 yrs after mass COVID outbreak. *Kyodo*

News (Japan). 10 March 2023. Available from:

<https://english.kyodonews.net/news/2023/03/1cfb29f256fa-diamond-princess-returns-to-yokohama-3-yrs-after-mass-covid-outbreak.html> The *Diamond Princess* liner returned to Yokohama near Tokyo on Friday for the first time since a mass COVID outbreak three years ago led Japan to quarantine those onboard and suspend the arrival of foreign cruise ships until this month.

Countries call on flag states to crack down on dark STS oil transfers. *Hellenic Shipping News*.

13 March 2023. Available from: <https://www.hellenicshippingnews.com/countries-call-on-flag-states-to-crack-down-on-dark-sts-oil-transfers/> Australia, Canada and the US have made a joint submission to the International Maritime Organisation (IMO) to debate ways to end the use of ship-to-ship (STS) transfers of Russian crude oil.

Proper EPRIBs use is critical says the Marshall Islands. *International Institute of Marine Surveying (IIMS)*. 13 March 2023. Available from: <https://www.iims.org.uk/rmi-proper-eprib-use-is-critical/> The Republic of Marshall Islands (RMI) Maritime Administrator has issued an important reminder after an increase in both false Emergency Position Indicating Radio Beacon (EPIRB) distress alerts and issues with their registration.

Parliament approves Maldives' participation in IMSO, IALA. *Avas News (Maldives)*. 14 March 2023. Available from: <https://avas.mv/en/129533> The Parliament has approved the Maldives' participation in the International Mobile Satellite Organization (IMSO) and the International Association of Marine Aids to Navigation and Lighthouse Authority (IALA).

Ship Captain Believes ChatGPT Told Him To Change Course. John Konrad. *gCaptain*. 15 March 2023. Available from: <https://gcaptain.com/ship-captain-believes-chatgpt-told-him-to-change-course/> gCaptain has obtained a troubling report from an American captain, who claims that a shipowner utilized an AI bot, potentially ChatGPT, to suggest modifications to the ship's voyage plan.

With Arctic Winter Sea Ice at Annual Low, Urgent Need to Slash Shipping Emissions. *Clean Arctic Alliance*. 20 March 2023. Available from: https://cleanarctic.org/2023/03/20/arctic_winter_sea_ice_annual_low_need_slash_shipping_emissions/ Responding to reports from the US National Snow and Ice Data Center (NSIDC) that Arctic sea ice has reached its winter maximum, the fifth lowest in the 45-year satellite record, the Clean Arctic Alliance today called on the IMO to take immediate action to reduce fossil fuel emissions including black carbon from global shipping in order to rapidly reduce their impact on the Arctic.

Shipping braces for reputation hammering as dark fleet accidents proliferate. Sam Chambers. *Splash 247.com*. 22 March 2023. Available from: <https://splash247.com/shipping-braces-for-reputation-hammering-as-dark-fleet-accidents-proliferate/> Authorities around the world are trying to keep tabs on the fast-growing shadow fleet of tankers hauling Iranian, Venezuelan, and Russian oil in often substandard, elderly tonnage.

Maritime, mining, steel, and energy industry leaders join forces to develop first-ever concept for a green corridor between South Africa and Europe. *Global Maritime Forum*. 22 March 2023. Available from: <https://bit.ly/3Wacln1> A new consortium will explore the options for developing a maritime green corridor for the zero-emission shipping of iron ore between South Africa and Europe.

Oil spills and near misses: more ghost tankers ship sanctioned fuel. Jonathan Saul. *Reuters*. 23 March 2023. Available from: <https://www.reuters.com/business/autos-transportation/oil-spills-near-misses-more-ghost-tankers-ship-sanctioned-fuel-2023-03-23/> These vessels were part of a "shadow" fleet of tankers carrying oil last year from countries hit by Western sanctions, according to a Reuters analysis of ship tracking and accident data and interviews with more than a dozen industry specialists.

Antarctic expedition shows melting ice presents a growing threat to whales. Dominic Cansdale and Sarah Cumming. *ABC (Australia)*. 23 March 2023. Available from: <https://www.abc.net.au/news/2023-03-24/antarctic-expedition-shows-melting-ice-growing-threat-to-whales/102133718> They survived commercial whaling, but a large-scale Antarctic expedition has provided more insights into how climate change could re-shape future generations of whales.

Aging Shadow Fleet Carrying Russian Oil Poses Disaster Risk. Asad Zulfikar. *Bloomberg*. 26 March 2023. Available from: <https://www.bnnbloomberg.ca/aging-shadow-fleet-carrying-russian-oil-poses-disaster-risk-1.1900548> But rather than being steered onto a beach in Bangladesh, India or Pakistan for dismantling, the 1997-built tanker is collecting heavy fuel at the Russian port of St. Petersburg.

Airplanes face a growing risk of being hit by uncontrolled re-entries of rockets used to launch satellites. Michael Byers and Aaron Boley. *The Conversation*. 29 March 2023. Available from: <https://theconversation.com/airplanes-face-a-growing-risk-of-being-hit-by-uncontrolled-re-entries-of-rockets-used-to-launch-satellites-202400> On May 11, 2020 a deadly threat flew from Los Angeles to New York City in under nine minutes.

Russia's Oil Tanker Ghost Fleet Is A Time Bomb. James Stavridis. *gCaptain*. 30 March 2023. Available from: <https://gcaptain.com/russias-oil-tanker-ghost-fleet-is-a-time-bomb/> Another watery part of the war, occurring on oceans around the world, is the smuggling of Russian oil, heavily sanctioned in the West, in so-called shadow tankers.

PIRACY

The Heightened Need to Fight Piracy amidst the current Energy Crisis and War in Ukraine. *Royal Belgian Shipowners' Association*. 2 March 2023 Available from: <https://kbrv.be/the-heightened-need-to-fight-piracy-amidst-the-current-energy-crisis-and-war-in-ukraine/> "Unbeknownst to many, piracy on shipping routes is today still a constant threat, even more lethal and aggressive in modern times," says Elle De Soomer, RBSA's Legal Affairs Director.

Ghana, Angola overtake Nigeria in number of piracy attacks. *Ships & Ports*. 6 March 2023. Available from: <https://shipsandports.com.ng/ghana-angola-overtake-nigeria-in-number-of-piracy-attacks/> Ghana and Angola have passed Nigeria in the number of reported piracy incidents in their waters, with two-thirds of incidents taking place while ships were anchored or berthed.

Ongoing Incident: Pirates Board Product Tanker in Gulf of Guinea. *Maritime Executive*. 27 March 2023. Available from: <https://maritime-executive.com/article/ongoing-incident-pirates-board-product-tanker-in-gulf-of-guinea> The relative calm in the Gulf of Guinea appears to have been broken with reports of an ongoing incident with unknown boarders attempting to seize control of a product tanker that was laying off the coast of DR Congo near Point Noire.

Monjasa vessel attacked by pirates in Gulf of Guinea. Niklas Krigslund, Astrid Sturlason and Daniel Logan. *ShippingWatch*. 28 March 2023. Available from: <https://shippingwatch.com/carriers/Tanker/article15471369.ece> Armed pirates have attacked a tanker belonging to Danish oil trading company Monjasa.

Danish Shipping wants greater focus on piracy after new attack on ship. Astrid Sturlason. *ShippingWatch*. 29 March 2023. Available from: <https://shippingwatch.com/carriers/Tanker/article15484413.ece> After a pirate attack in the Gulf of Guinea on a ship owned by Danish Monjasa, Danish Shipping encourages maintaining a focus on piracy in the exposed area.

France has sent a patrol boat to search for a pirated ship in the Gulf of Guinea. *Maritimafrika*. 29 March 2023. Available from: <https://maritimafrika.com/en/france-has-sent-a-patrol-boat-to-search-for-a-pirated-ship-in-the-gulf-of-guinea/> On Sunday 26 March, the Chief Command for the Atlantic (CECLANT) sent the French Navy patrol boat *Premier L'Her*, which was in Libreville (Gabon) at the time, to reach the tanker's last known position (05°03'N-009°35'E).

Monjasa Reformer kidnapping toll rises to six after tanker found by French navy. Gary Dixon. *TradeWinds*. 31 March 2023. Available from: <https://www.tradewindsnews.com/tankers/monjasa-reformer-kidnapping-toll-rises-to-six-after-tanker-found-by-french-navy/2-1-1429003> A Monjasa tanker hijacked by pirates six days ago has been located and secured off Sao Tome & Principe, but six of the seafarers on board have been kidnapped.

PORTS & HARBOURS

Port of London Authority carbon reduction plans on track. *Port of London Authority (PLA)*. 28 February 2023. Available from: <http://www.pla.co.uk/Port-of-London-Authority-carbon-reduction-plans-on-track> The Port of London Authority (PLA) has achieved a major milestone, halving its carbon emissions last year, as it made strong progress in its Net Zero programme.

Pioneering a Clean Ship Future. *Port of Long Beach*. 1 March 2023. Available from: <https://polb.com/port-info/news-and-press/pioneering-a-clean-ship-future-03-01-2023/> When “K” Line’s *Long Beach Bridge* arrived at the Port of Long Beach in 2008, it was more than just another ship call.

Biden envoy says that automating ports doesn’t have to cost jobs. *ShippingWatch*. 1 March 2023. Available from: <https://shippingwatch.com/Ports/article15224611.ece> White House envoy urges the port industry to accept that automation is an inevitable part of the future.

Sheikh Mohammed issues law on Dubai Ports Authority to boost maritime trade. *Gulf Today (UAE)*. 2 March 2023. Available from: <https://www.gulftoday.ae/news/2023/03/02/sheikh-mohammed-issues-law-on-dubai-ports-authority-to-boost-maritime-trade> In his capacity as the Ruler of Dubai, His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Vice President, Prime Minister and Ruler of Dubai, has issued Law No. (4) of 2023 on Dubai Ports Authority and affiliated Drydocks World-Dubai to the Authority.

Beibu Gulf Port stands out from crowd. Zhong Nan and Zhang Li. *China Daily*. 3 March 2023. Available from: <https://www.chinadailyhk.com/article/318363> While many foreign and domestic ports face pressure to raise container throughput, Beibu Gulf Port in South China’s Guangxi Zhuang autonomous region is bucking the trend after seeing growing container throughput in January, said its operator.

The Port of Gothenburg signs cooperative agreement with the Port of Los Angeles. *Port of Gothenburg*. 6 March 2023. Available from: <https://bit.ly/3o3c7kU> Officials with the Port of Gothenburg and Port of Los Angeles have signed a Memorandum of Understanding to further their relationship and cooperation on a number of key topics, including sustainability, digital and physical infrastructure, and potential trade opportunities.

Port behind 10% of Belgium’s CO₂ emissions pioneers carbon-slashing tech, aiming at net zero by 2050. Denis Loctier. *Euronews*. 7 March 2023. Available from: <https://www.euronews.com/green/2023/02/28/port-behind-10-of-belgiums-co2-emissions-adopts-carbon-slashing-tech> 🇧🇪 A carbon footprint heavyweight, Antwerp-Bruges aims to reinvent itself as the world’s most sustainable port.

Panama Canal implements ‘disruption charge’. Michele Labrut. *Seatrade Maritime News* 7 March 2023. Available from: <https://www.seatrade-maritime.com/panama/panama-canal-implements-disruption-charge> An incident in the Panama Canal could prove costly as the Panama Canal Authority (ACP) implements a ‘disruption charge’ for vessels causing delays and operational difficulties to the critical waterway.

EU ETS Maritime: Managing bodies of Europe’s ports and Private Port Operators welcome Commission monitoring of carbon and business leakage, but call for early and robust action against evasion. *European Sea Ports Organisation (ESPO)*. 8 March 2023. Available from: <https://www.espo.be/news/eu-ets-maritime-managing-bodies-of-europes-ports-a> On the 13th of March 2023, the European Parliament is expected to vote on the political agreement for the revised EU Emissions Trading System (ETS).

The share of female participation in ESPO’s work remains relatively high in 2022. *European Sea Ports Organisation (ESPO)*. 8 March 2023. Available from: <https://www.espo.be/news/the-share-of-female-participation-in-espos-work-re> In 2022, the overall number of women participating in the ESPO Committee and Network meetings remained at a relatively high level, albeit not yet reaching gender parity.

Apapa port hosts International Women’s Day event. Oluwatoyin Amao. *Ships & Ports*. 9 March 2023. Available from: <https://shipsandports.com.ng/apapa-port-hosts-international-womens-day-event/> The Port Manager, Lagos Port Complex Apapa, Mrs Olufunmilayo Olotu, has advised women in the maritime industry to embrace and support each other in the quest for professional advancement.

Review of the national policy statement for ports. *UK Government*. 14 March 2023. Available from: <https://www.gov.uk/government/speeches/review-of-the-national-policy-statement-for-ports> The government is committed to a strong planning regime for nationally significant infrastructure which properly takes into account impacts on the natural environment, air quality and valued landscapes, and the views of local communities affected by development.

Foreign flagged ships detained in the UK during February 2023 under Paris MOU. *UK Maritime & Coastguard Agency*. 15 March 2023. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-february-2023-under-paris-mou> The Maritime and Coastguard Agency (MCA) announced today that three foreign flagged ship remained under detention in UK ports at the end of February after failing Paris MOU Port State Control (PSC) inspection.

Hong Kong’s Hutchison Ports invests \$700m in two Egyptian ports. *The National (UAE)*. 16 March 2023. Available from: <https://www.thenationalnews.com/business/economy/2023/03/16/hong-kongs-hutchison-ports-invests-700m-in-two-egyptian-ports/> Hong Kong-based Hutchison Ports has invested \$700 million in two Egyptian ports.

Olotu receives war college students, says ports vital to national security. Abolanle Oluwatola. *Ships & Ports*. 16 March 2023. Available from: <https://shipsandports.com.ng/olotu-receives-war-college-students-says-ports-vital-to-national-security/> The Port Manager, Lagos Port Complex, Apapa, Mrs Olufunmilayo Olotu has said that the nation’s seaports play a vital role in national security.

Egypt signs \$1.6 billion deals with China, EU companies to develop sea ports. *Al-Monitor*. 17 March 2023. Available from: <https://www.al-monitor.com/originals/2023/03/egypt-signs-16-billion-deals-china-eu-companies-develop-sea-ports> The Egyptian government wants its Red Sea and Mediterranean ports to help boost the economy amid rising inflation and declining foreign currency reserves.

Seychelles' Port Victoria to go digital by October for 50th anniversary. Rita Joubert-Lawen. *Seychelles News Agency*. 27 March 2023. Available from: <http://www.seychellesnewsagency.com/articles/18426/Seychelles%27+Port+Victoria+to+go+digital+by+October+for+th+anniversary> Seychelles' Port Victoria is working towards digitalising its services to coincide with the commercial port's 50th anniversary in October, said a top official on Monday.

Maersk, Shanghai Port Sign Green Methanol Bunkering Agreement. *Ship & Bunker*. 27 March 2023. Available from: <https://shipandbunker.com/news/world/753495> A.P. Moller-Maersk (Maersk) has announced it has signed a deal with Shanghai International Port Group (SIPG) that will see the pair working together to achieve vessel-to-vessel bunkering of green methanol at the port.

Over 207m tons of commodities loaded, unloaded in ports in a year. *Tehran Times (Iran)*. 29 March 2023. Available from: <https://www.tehrantimes.com/news/483209> In addition to the unloading and loading of more than 207 million tons of goods in the ports of the country, the major development and infrastructure projects defined for the year 1401 were implemented affecting the national economy and the livelihood of the coastal people, Ali-Akbar Safaei stated.

Jeddah Islamic Port Boosts Decarbonization Drive. *Mawani - Saudi Ports Authority*. 29 March 2023. Available from: <https://mawani.gov.sa/en-us/MediaCenter/NewsCenter/Pages/Jeddah-Islamic-Port-Boosts-Decarbonization-Drive.aspx> The Saudi Ports Authority has announced cutbacks in crane activity and truck turnaround times at Jeddah Islamic Port in line with its annual target of lowering carbon footprint at the Kingdom's busiest port by 1,046 tons in 2023.

Female crane operators commend APM Terminals on gender equity. *Guardian (Nigeria)*. 29 March 2023. Available from: <https://guardian.ng/business-services/maritime/female-crane-operators-commend-apm-terminals-on-gender-equity/> Female mobile harbour crane operators have commended APM Terminals Apapa for providing a fair and equal work environment for both genders in the male-dominated port industry.

REGULATIONS

Regulating Marine Pollution: Challenges and Best Practices for Compliance and Enforcement. Wes Sonnier. *Ocean News & Technology*. 2 March 2023. Available from: <https://www.oceannews.com/news/science-and-tech/regulating-marine-pollution-challenges-and-best-practices-for-compliance-and-enforcement> Marine pollution is a significant environmental issue that has adverse effects on marine ecosystems and human health.

Calls for tougher flag state enforcement of ship-to-ship transfers for sanctioned oil. Michelle Wiese Bockmann. *Lloyd's List*. 6 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144188/Calls-for-tougher-flag-state-enforcement-of-ship-to-ship-transfers-for-sanctioned-oil> Submission asks flag states to regulate ship-to-ship transfers in international waters and for port authorities to inspect ships that turn off vessel-tracking transponders.

Dutch ILT drones find lashing violations on container ships. *SWZ Maritime (Netherlands)*. 6 March 2023. Available from: <https://swzmaritime.nl/news/2023/03/06/dutch-ilt-drones-find-lashing-violations-on-container-ships/> The Dutch Human Environment and Transport Inspectorate (ILT) and Netherlands Coast Guard are deploying drones to check lashings on board container ships.

Shipowners urged to enhance data transparency for better IMO rules. *Hellenic Shipping News*. 9 March 2023. Available from: <https://www.hellenicshippingnews.com/shipowners-urged-to-enhance-data-transparency-for-better-imo-rules/> Shipowners need to provide more operational data so that the International Maritime Organization can have a better regulatory framework around a center piece of its emissions regulations, the Carbon Intensity Index, some industry participants said March 7.

Regulation too slow to keep pace with development of EVs and batteries. Nick Savvides. *The Loadstar*. 16 March 2023. Available from: <https://theloadstar.com/regulation-too-slow-to-keep-pace-with-development-of-evs-and-batteries/> Regulation in the maritime sector is moving too slow to keep pace with changes in the industry, particularly concerning the transport of electric vehicles (EVs) and lithium-ion (li-ion) batteries.

Carbon Intensity Indicator (CII): Global Fleet Impact Assessment. Simon Rowse. *VesselsValue*. 16 March 2023. Available from: <https://blog.vesselsvalue.com/carbon-intensity-indicator-cii-global-fleet-impact-assessment/> Ahead of the Capital Link Annual International Shipping Forum in New York, we assessed the impact of CII on the global fleet using VesselsValue data.

Why regional powers have a pivotal role to play in shaping global shipping regulation. Chiara Mingozi. *TradeWinds*. 17 March 2023. Available from: <https://www.tradewindsnews.com/opinion/why-regional-powers-have-a-pivotal-role-to-play-in-shaping-global-shipping-regulation/2-1-1420790> In January, India made global headlines when the New Delhi shipping authorities announced they would ban ships above 25 or 30 years from entering its ports with immediate effect.

Assarmatori: “Italian shipowners meets the EU. Future challenges for the sector, starting with the revision of the CII”. *Assarmatori (Italy)*. 21 March 2023. Available from: <https://www.assarmatori.eu/en/assarmatori-italian-shipowners-meets-the-eu-future-challenges-for-the-sector-starting-with-the-revision-of-the-cii/> “Italian shipowners are on the front line on several EU and international dossiers, especially in relation to the decarbonisation of the sector; this is perfectly represented by our constant and competent participation to the main EU working tables.

SALVAGE

United Nations Takes Major Step Forward to Prevent Catastrophic Oil Spill in Red Sea as UN Development Programme Signs Agreement to Purchase Oil Tanker. *United Nations Development Programme (UNDP)*. 9 March 2023. Available from: <https://www.undp.org/news/united-nations-takes-major-step-forward-prevent-catastrophic-oil-spill-red-sea-un-development-programme-signs-agreement-purchase-oil-tanker> The United Nations Development Programme signed an agreement with Euronav today to secure the purchase of a Very Large Crude Carrier – or ‘VLCC’ – as part of the UN-coordinated operation to remove more than a million barrels of oil from a decaying tanker off Yemen’s Red Sea coast that threatens a humanitarian and environmental catastrophe.

Vessel to remove oil from stricken Yemen tanker could arrive by May. *UN News*. 9 March 2023. Available from: <https://news.un.org/en/story/2023/03/1134422> The *FSO Safer* has been moored off the west coast of Yemen for over three decades but has not been properly maintained since war erupted across the country in 2015 between Government forces, backed by a Saudi-led coalition, and Houthi rebels.

SEAFARERS

Swedish win in the Nordic photo contest for seafarers. Trine Carin Tynes. *Norwegian Maritime Authority*. 27 February 2023. Available from: <https://www.sdir.no/en/news/news-from-the-nma/swedish-win-in-the-nordic-photo-contest-for-seafarers/> Norway was the host nation when the 35th Nordic photo contest was held on 27 January.

Seafarers in the UK Shipping Industry: 2022. *UK Government*. 28 February 2023. Available from: <https://www.gov.uk/government/statistics/seafarers-in-the-uk-shipping-industry-2022> UK seafarers statistics on active at sea and non-UK seafarers qualified to work on UK registered vessels in 2022.

RMT calls for a new deal for seafarers. *National Union of Rail, Maritime and Transport Workers (RMT)*. 28 February 2023. Available from: <https://www.rmt.org.uk/news/rmt-calls-for-a-new-deal-for-seafarers/> Maritime union RMT, has called on the government to provide a new deal for seafarers after the latest statistics showed a big employment drop in the industry.

Nigerian-trained seafarers to face more career challenges. Adaku Onyenucheya. *Guardian (Nigeria)* 1 March 2023. Available from: <https://guardian.ng/saturday-magazine/travel-a-tourism/nigerian-trained-seafarers-to-face-more-career-challenges/> Nigerian-trained seafarers may face more difficulty getting employed by shipping companies following the International Chamber of Shipping (ICS) updated guidelines on the IMO International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW) convention for modern working environment.

The making of a maritime medic. *Nautilus International*. 3 March 2023. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/the-making-of-a-maritime-medic/> It’s a year since Dr Sue Stannard took over as MCA chief medical advisor, overseeing the ‘approved doctors’ who assess UK seafarers on their fitness to work at sea.

Synergy Group Rolls Out Tailor-Made Personal Protective Equipment to Female Seafarers on 60+ Vessels. *Synergy Group*. 6 March 2023. Available from: <https://www.synergymarinegroup.com/synergy-group-rolls-out-tailor-made-personal-protective-equipment-to-female-seafarers-on-60-vessels/> New Hercules Safety PPE was designed by textile engineers in conjunction with female seafarers and maritime safety experts.

The Seafarers' Charity calls for increased support for the safety and welfare of women seafarers. *Seafarers' Charity*. 8 March 2023. Available from:

<https://www.theseafarerscharity.org/news/the-seafarers-charity-calls-for-increased-support-for-the-safety-and-welfare-of-women-seafarers> A new research report released on International Women's Day shines a spotlight on the welfare needs of women working on cargo ships.

Port-Based Welfare Needs of Women Seafarers. *Seafarers International Research Centre (SIRC)*.

8 March 2023. Available from: <https://www.sirc.cf.ac.uk/Uploads/Publications/The%20port-based%20welfare%20needs%20of%20women%20seafarers.pdf> This study of the working lives and welfare needs of women seafarers was supported by The Seafarers' Charity. The aim of the research was to provide an understanding of the port-based welfare needs of women seafarers and to consider how well these are currently met.

Manning groups back seafarers' Bill of Rights. Carmela I. Huelar. *Manila Times*. 8 March 2023.

Available from: <https://www.manilatimes.net/2023/03/08/business/maritime/manning-groups-back-seafarers-bill-of-rights/1881740> In a rare move, local manning groups and former seafarers have joined hands in support of the proposed Bill of Rights of Filipino Seafarers, House Bill (HB) 7325, or the "Magna Carta for Filipino Seafarers," which seeks to boost the competitiveness of Filipino sea-based workers.

Bridge Watch: Stranded Seafarers. *Dryad Global*. 9 March 2023. Available from:

<https://channel16.dryadglobal.com/bridge-watch-stranded-seafarers> About 2,000 seafarers in 112 ships were berthed in Ukrainian ports across the Black Sea and the Sea of Azov before Russia's invasion.

Abuse survivor Hope Hicks 'sickened' that her attacker can still work at sea. Paul Peachey.

TradeWinds. 9 March 2023. Available from: <https://www.tradewindsnews.com/law/abuse-survivor-hope-hicks-sickened-that-her-attacker-can-still-work-at-sea/2-1-1415835> The former cadet whose shocking account of being raped at sea sparked demands for cultural change within shipping has called for tougher enforcement action after being told her alleged attacker continues to work on vessels.

Philippines Enacts Law to Curb Seafarer Exploitation. *Maritime Executive*. 10 March 2023.

Available from: <https://www.maritime-executive.com/article/philippines-enacts-a-new-law-to-curb-seafarer-exploitation> The Philippines' House of Representatives this week overwhelmingly voted for a new bill seeking to protect the rights and interests of Filipino seafarers.

Group slams 'anti-seafarer provisions' in new Magna Carta bill. Cristina Chi. *Philippine Star*.

10 March 2023. Available from: <https://www.philstar.com/business/2023/03/10/2250715/group-slams-anti-seafarer-provisions-new-magna-carta-bill> A migrant workers coalition sounded the alarm on Friday over the "anti-seafarer" provisions in the Magna Carta for seafarers bill approved on final reading at the House of Representatives.

Seafarers as collateral strike damage. Steve Jones. *Splash 247.com*. 14 March 2023. Available

from: <https://splash247.com/seafarers-as-collateral-strike-damage/> Steven Jones, the founder of the Seafarers Happiness Index, on how the wave of industrial action at quaysides around the world is keeping seafarers at sea.

Ex-P&O Ferries worker condemns legislation on seafarers' pay. Harry Stedman. *Irish News*. 14 March 2023. Available from: https://www.irishnews.com/news/uknews/2023/03/14/news/ex-p_o_ferries_worker_condemns_legislation_on_seafarers_pay-3134333/ A former P&O Ferries employee who was sacked in last year's scandal has described proposed Government legislation as "like a colander".

Philippines legislature passes law planned to curb seafarer exploitation. *Insurance Marine News*. 14 March 2023. Available from: <https://insurancemarineneews.com/insurance-marine-news/philippines-legislature-passes-law-planned-to-curb-seafarer-exploitation/> The Philippines' House of Representatives last week voted for a bill that would aim to protect the rights and interests of seafarers from the Philippines, who make up a significant proportion of the seafarers serving on international vessels.

Seafarer abandonment a growing worldwide issue but UAE cases recede. Nick Webster. *The National (UAE)*. 16 March 2023. Available from: <https://www.thenationalnews.com/uae/2023/03/16/seafarer-abandonment-a-growing-worldwide-issue-but-uae-cases-recede/> The number of seafarers abandoned without pay is beginning to recede in the UAE thanks to tougher deterrents against rogue shipping contractors, experts said.

On-The-Spot Advocates for Seafarers. James Kollin. *Seamen's Church Institute*. 16 March 2023. Available from: <https://seamenschurch.org/on-the-spot-advocates-for-seafarers/> On a recent ship visit, I encountered a crew complaining about problems with the food they were given during their voyage.

One year on from P&O Ferries, the government is still letting workers down. *Trades Union Congress (TUC)*. 17 March 2023. Available from: <https://www.tuc.org.uk/blogs/one-year-po-ferries-government-still-letting-workers-down> A year ago today P&O Ferries made nearly 800 workers redundant with only half an hour's notice. [P&O Ferries mass sackings – one year on](#) 📰

70 percent of sacked P&O workers have left the industry. *National Union of Rail, Maritime and Transport Workers (RMT)*. 17 March 2023. Available from: <https://www.rmt.org.uk/news/70-percent-of-sacked-pando-workers-have-left-the-industry/> The majority of unlawfully sacked P&O staff have left the industry following their appalling treatment last year, an RMT survey has found.

Seafarers from Ukraine now working on Great Lakes Ships. *Bay Observer (Canada)*. 17 March 2023. Available from: <https://bayobserver.ca/seafarers-from-ukraine-now-working-on-great-lakes-ships/> Algoma, CSL, Groupe Desgagnés, and Hamilton's McKeil Marine are among the Canadian ship owners that have welcomed qualified Ukrainian seafarers and other marine personnel after Russia invaded their homeland in February 2022.

Australian Government Support for Sustainable Seafarer Welfare Funding is Failing those Most in Need. *Human Rights at Sea (HRAS)*. 20 March 2023. Available from: <https://www.humanrightsatsea.org/news/australian-government-support-sustainable-seafarer-welfare-funding-failing-those-most-need> For a State that critically relies on sea trade, conflicting self-interests are increasingly responsible for the ongoing fiasco, which is rapidly becoming embarrassing in comparison to providing a solution.

Sexual abuse at sea: Where we stand. *Safety4Sea*. 20 March 2023. Available from: <https://safety4sea.com/cm-sexual-abuse-at-sea-where-we-stand/> The International Seafarers' Welfare and Assistance Network has identified abuse and harassment-including sexual abuse and harassment-as key challenges to seafarers' mental health.

Final crew members of *Yangtze Fortune* to be repatriated following sale of abandoned carrier. *ABC (Australia)*. 21 March 2023. Available from: <https://www.abc.net.au/news/2023-03-21/yangtze-fortune-crew-repatriated-home-abandoned-ship/102125840> After more than five months at sea on an abandoned ship, the remaining crew of the *Yangtze Fortune* is finally going home.

ITF delivers justice for *Yangtze Fortune* crew abandoned off Australian coast – seafarers repaid missing wages and repatriated home. *International Transport Workers' Federation (ITF)*. 22 March 2023. Available from: <https://www.itfglobal.org/en/news/itf-delivers-justice-yangtze-fortune-crew-abandoned-australian-coast-seafarers-repaid-missing> Seafarers stranded aboard a livestock carrier vessel abandoned off the Australian coast have finally been repaid their missing wages and repatriated home with the assistance of the International Transport Workers' Federation.

A better future for cadets. *Nautilus International*. 23 March 2023. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/a-better-future-for-cadets/> The Cadet Training & Modernisation (CT&M) Programme is currently labouring to improve the experience for UK cadets – including on sea time.

They call us derogatory names, label us as witches just to prevent us from undertaking roles of men in fishing — Women Fish Processors. *Kwame Malcolm. Modern Ghana*. 23 March 2023. Available from: <https://www.modernghana.com/news/1218767/they-call-us-derogatory-names-label-us-as-witches.html> Fish processors mostly women are unhappy how they are often discouraged from undertaking key roles in fishing which have been made the preserve of fishermen all in a bid to discourage them.

New UK law to boost seafarer pay. *UK Government*. 23 March 2023. Available from: <https://www.gov.uk/government/news/new-uk-law-to-boost-seafarer-pay> The new law is designed to protect those working on vessels operating an international service from being paid less than the National Minimum Wage.

Stranded in Iran for four years, 5 Indian sailors to return home today. *Indo-Asian News Service (IANS)*. 24 March 2023. Available from: https://ianslive.in/news/stranded_in_iran_for_four_years_5_indian_sailors_to_return_home_today-954914/NATION/1 Five Indian sailors who went to join a merchant navy ship in June 2019 and got stranded in Iran later, will finally return home on Friday afternoon after surviving a nightmarish ordeal of nearly four years, a family member said here.

Two seafarers die on Pertamina-chartered tanker after fire off Indonesia. *Gary Dixon. TradeWinds*. 27 March 2023. Available from: <https://www.tradewindsnews.com/casualties/two-seafarers-die-on-pertamina-chartered-tanker-after-fire-off-indonesia/2-1-1426087> 🚢 State energy company Pertamina said another seafarer was missing following the blaze on its chartered 5,000-dwt *Kristin* (built 2003).

MBIE told to apologise to seafarers who struggled to get MIQ spot. *Radio New Zealand*. 28 March 2023. Available from: <https://www.rnz.co.nz/news/national/486892/mbie-told-to-apologise-to-seafarers-who-struggled-to-get-miq-spot> The chief ombudsman says the Ministry of Business, Innovation and Employment (MBIE) acted unreasonably while handling a MIQ case involving seafarers.

The Ukraine effect podcast: Shipping's continuing crewing crisis. *Richard Meade. Lloyd's List*. 28 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144482/> 📍 The shipping industry has had to adapt rapidly since Vladimir Putin ordered his tanks across the Ukrainian frontier a year ago.

Seafarer loses leg in accident on Zim container ship in Argentina. Gary Dixon. *TradeWinds*. 29 March 2023. Available from: <https://www.tradewindsnews.com/casualties/seafarer-loses-leg-in-accident-on-zim-container-ship-in-argentina/2-1-1427344> The country's maritime authority said it was alerted to an emergency situation on the 9,115-teu *Zim Norfolk* (built 2015) on the evening of 27 March.

New infographic shines spotlight on issues faced by seafarers in 2022. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 29 March 2023. Available from: <https://www.seafarerswelfare.org/news/2023/new-infographic-shines-spotlight-on-issues-faced-by-seafarers-in-2022> The International Seafarers' Welfare and Assistance Network (ISWAN) has shared insights into the issues faced by seafarers and their families in 2022 with a new infographic of data from its helplines. [ISWAN Insights: Spotlight on 2022](#) 📄

Shipowners fear wide-ranging consequences of law against low wages. Niklas Krigslund and Dag Holmstad. *ShippingWatch*. 29 March 2023. Available from: <https://shippingwatch.com/regulation/article15485693.ece> While DFDS is happy to see a UK intervention against social dumping, the carrier's own trade association is worried that the new legislation could open the door to an ensuing chaos of local rules for shipping companies.

SEARCH & RESCUE

Philippine Coast Guard Forms Human Chain to Rescue Stranded Crew. *Maritime Executive*. 28 February 2023. Available from: <https://maritime-executive.com/article/philippine-coast-guard-forms-human-chain-to-rescue-stranded-crew> The Philippine Coast Guard is reporting that it was able to rescue 14 crewmembers from a grounded dry mini bulker that had gone aground near Lubang Island in the western Philippines south of Manila.

Humanitarian ships grapple with Italy's new rules on sea rescue operations. Natalia Mendoza. *France 24*. 5 March 2023. Available from: <https://www.france24.com/en/europe/20230305-humanitarian-ships-grapple-with-italy-s-new-rules-on-sea-rescue-operations> 📄 A week after dozens of migrants died when their boat capsized a few hundred metres off the Italian coast, humanitarian ships are grappling with a new "code of conduct" for rescues at sea.

ATB Legacy Crew Rescues 8. *Seafarers International Union (SIU)*. 9 March 2023. Available from: <https://www.seafarers.org/atb-legacy-crew-rescues-8/> Rescues at sea are nothing new for long time SIU member AB Donnie Collins, but that doesn't mean he takes them lightly.

Two seafarers missing after cargo ship sinks off Vietnam. Gary Dixon. *TradeWinds*. 13 March 2023. Available from: <https://www.tradewindsnews.com/casualties/two-seafarers-missing-after-cargo-ship-sinks-off-vietnam/2-1-1418321> A search was continuing on Monday for two crew members missing after their small general cargo ship sank off Vietnam.

China rescues foreign cargo ship with 21 crew in South China Sea. *China Daily*. 17 March 2023. Available from: <https://www.chinadaily.com.cn/a/202303/17/WS641469f6a31057c47ebb526b.html> A foreign cargo ship with 21 crew members on board has been towed to safety in the Pearl River estuary by a Chinese professional rescue ship after it broke down off the Nansha Islands in the South China Sea on March 3, the Ministry of Transport said Friday.

US sailboat crew rescued in Pacific after abandoning ship sunk by whale. Karen Schwartz. *Stuff (New Zealand)*. 22 March 2023. Available from: <https://www.stuff.co.nz/world/us-canada/300836962/us-sailboat-crew-rescued-in-pacific-after-abandoning-ship-sunk-by-whale> "Tommy this is no joke," he typed to his friend and fellow sailor Tommy Joyce, "We hit a whale and the ship went down."

Banksy's migrant rescue ship seized by Italy's coast guard in Lampedusa. *Reuters.*

26 March 2023. Available from: <https://www.reuters.com/world/europe/banksys-migrant-rescue-ship-seized-by-italys-coast-guard-lampedusa-2023-03-26/> A rescue ship funded by British street artist Banksy was seized in Lampedusa on Sunday after Italy's coast guard said the boat had disobeyed its instructions to head to Sicily after carrying out a migrant rescue operation.

PCG continues SAR operations on M/V LADY MARY JOY 3 caught on fire onboard. *Philippine Coast Guard (PCG).*

31 March 2023. Available from: <https://coastguard.gov.ph/index.php/11-news/5082> The Philippine Coast Guard (PCG) continues its search and rescue / retrieval (SAR) operations after M/V LADY MARY JOY 3 reported fire onboard while traversing the vicinity waters off Baluk-Baluk Island, Hadji Muhtamad, Basilan.

SHIP RECYCLING

Sheet Harbour becoming centre for green marine dismantling. *Guysborough Journal (Canada).*

1 March 2023. Available from: <https://www.guysboroughjournal.com/?page=post&ID=1233> With one project almost complete and two more getting ready to start, Sheet Harbour may be on its way to becoming a centre of excellence for green marine reclamation and recycling.

Ship Recycling: Tonnage Still Scarce, But Demand is on the Rise. *Hellenic Shipping News.*

1 March 2023. Available from: <https://www.hellenicshippingnews.com/ship-recycling-tonnage-still-scarce-but-demand-is-on-the-rise/> The ship recycling market is seemingly on the rise again, despite the fact that not too many candidates are available.

This scuttling of an asbestos-riddled aircraft carrier shames shipping. *Bob Rust. TradeWinds.*

2 March 2023. Available from: <https://www.tradewindsnews.com/opinion/this-scuttling-of-an-asbestos-riddled-aircraft-carrier-shames-shipping/2-1-1411490> The problem of unintended regulatory consequences in ship recycling made a dismally spectacular splash with the scuttling of a Brazilian aircraft carrier.

NYK Certifies Ship-Recycling Facility in Bangladesh for Meeting Environmental, Safety, and Human Rights Standards. *NYK Line.*

13 March 2023. Available from: https://www.nyk.com/english/news/2023/202303013_01.html NYK has certified PHP Ship Recycling Facility in Bangladesh for meeting NYK's standards for ship-recycling measures pertaining to the environment, safety, occupational health, and respect for human rights.

Ship Recycling Activity Posts Strong Recovery. *Nikos Roussanoglou. Hellenic Shipping News.*

15 March 2023. Available from: <https://www.hellenicshippingnews.com/ship-recycling-activity-posts-strong-recovery/> The ship recycling market has shown signs of a strong recovery, as prices have increased and more owners have the financial incentive to sell their older ships.

Commission consults citizens and stakeholders on the Ship Recycling Regulation.

European Commission. 15 March 2023. Available from: https://environment.ec.europa.eu/news/commission-consults-citizens-and-stakeholders-ship-recycling-regulation-2023-03-15_en The European Commission has launched an online public consultation on the evaluation of the Ship Recycling Regulation that will run until June 7, 2023.

MSC Teams Up with GCMD to Accelerate Industry Efforts to Decarbonize. *Mediterranean Shipping Company (MSC).*

16 March 2023. Available from: <https://www.msc.com/en/newsroom/news/2023/march/msc-teams-up-with-gcmd-to-accelerate-industry-efforts-to-decarbonize> MSC and the Global Centre for Maritime Decarbonisation (GCMD) have announced the signing of a five-year Impact Partnership agreement.

Kabir ship-breaking yard gets green certification. *Financial Express (Bangladesh).*

29 March 2023. Available from: <https://today.thefinancialexpress.com.bd/stock-corporate/kabir-ship-breaking-yard-gets-green-certification-1680023312> Kabir Ship Recycling Facilities, a ship-breaking yard of Kabir Group, situated at Sitalpur in Chattogram's Sitakunda upazila, has received the certificate of 'Green Yard'.

Container shipping asked to clean up its act in view of upcoming scrapping wave. *NGO*

Shipbreaking Platform. 29 March 2023. Available from: <https://shipbreakingplatform.org/container-shipping-scrapping-wave/> Triggered by overcapacity, lower freight rates and the new carbon regulations expected this year, numerous container ships will be sold for scrapping in the near future.

SHIPBUILDING & SHIPREPAIR

Methanex and MOL complete first-ever net-zero voyage fuelled by bio-methanol. *Mitsui O.S.K.*

Lines (MOL). 27 February 2023. Available from: <https://www.mol.co.jp/en/pr/2023/23021.html> Methanex Corporation (Methanex) and Mitsui O.S.K. Lines, Ltd. (MOL) are pleased to announce the dual-fuel vessel "Cajun Sun" successfully completed the first-ever net-zero voyage fuelled by bio-methanol.

Norwegian: Fifth and Sixth Prima Cruise Ships To Be Methanol Ready. *Cruise Industry News.*

28 February 2023. Available from: <https://cruiseindustrynews.com/cruise-news/2023/02/norwegian-fifth-and-sixth-prima-cruise-ships-to-be-methanol-ready/> The final two Prima-plus class newbuilds for Norwegian Cruise Line will be ready to run green methanol, according to the company.

Vessels face a lifetime of retrofits to maintain CII. *Craig Jallal. Tanker Shipping & Trade.*

6 March 2023. Available from: <https://www.rivieramm.com/news-content-hub/vessels-face-a-lifetime-of-retrofits-to-maintain-cii-75233> A new dimension has been added to vessel operations with the introduction of IMO's CII rating, which became a mandatory measure under Marpol Annex IV on 1 January 2023.

Labor shortage puts pressure on deliveries of new ships from South Korea.

Tomas Kristiansen. *ShippingWatch.* 8 March 2023. Available from: <https://shippingwatch.com/suppliers/article15273636.ece> Evergreen is currently in talks with Samsung Heavy Industries about how to avoid delays for the carrier's massive order for new ships.

Strict enforcement of shipbuilding guides sought after oil spill. *Philippine News Agency (PNA).*

8 March 2023. Available from: <https://www.pna.gov.ph/articles/1196947> Negros Occidental 3rd District Representative Jose Francisco Benitez on Wednesday filed a bill seeking to empower the Maritime Industry Authority (MARINA) to strictly enforce shipbuilding standards and ensure that vessels are constructed and equipped with materials and apparatus to prevent discharge or emission of oil, sewage, garbage and other harmful substances and pollutants into Philippine seas.

Competition intensifying between Korean, Chinese Shipbuilders in taking orders for Methanol-Powered Ships. *Jung Min-hee. Business Korea (South Korea).*

10 March 2023. Available from: <http://www.businesskorea.co.kr/news/articleView.html?idxno=110757> As methanol-powered ships are rapidly emerging as next-generation eco-friendly ships, competition is heating up between Korean and Chinese shipbuilders about which is taking more shipbuilding orders.

New zero-emissions ferry to begin operating in San Francisco. Robert J. Lopez. *Los Angeles Times*. 13 March 2023. Available from: <https://www.latimes.com/california/story/2023-03-13/new-zero-emissions-ferry-to-begin-operating-in-san-francisco> A new zero-emissions ferry powered by hydrogen fuel cell technology has arrived in San Francisco, where it will undergo trial runs and preparations to carry passengers later this year.

Share of ships with scrubbers seen rising despite 24% fall in fittings in 2022.

Niels Rasmussen. *BIMCO*. 15 March 2023. Available from: <https://www.bimco.org/news-and-trends/market-reports/shipping-number-of-the-week/20230315-snow> Since 1 January 2020, ships have had to use ultra or low sulphur fuel (eg ULSFO or VLSFO) to comply with limits for sulphur emissions.

HD Hyundai forms S. Korea's first integrated carbon footprint team in shipbuilding.

Jae-Fu Kim. *Korea Economic Daily (South Korea)*. 17 March 2023. Available from: <https://www.kedglobal.com/carbon-neutrality/newsView/ked202303170012> South Korea's HD Hyundai Co. has teamed up with domestic shipbuilders and classification societies to form the first integrated "carbon footprint" team in the domestic shipbuilding industry.

Samsung Heavy teams up with Kongsberg to develop autonomous LNG carriers.

Pulse (South Korea). 20 March 2023. Available from: <https://pulsenews.co.kr/view.php?year=2023&no=216751> Samsung Heavy Industries Co., one of the three biggest shipbuilders in South Korea, signed a joint development agreement with Kongsberg Maritime, a global marine solution provider in Norway, to develop autonomous vessels.

India aims at becoming 'Global Hub for Green Ship' building by 2030 with launch of Green Tug Transition Programme (GTTP). *Government of India*. 22 March 2023. Available from: <https://pib.gov.in/PressReleaseFramePage.aspx?PRID=1909599> Union Minister of Ports, Shipping & Waterways (MoPSW) and Ayush Shri Sarbananda Sonowal has said India aims at becoming 'Global Hub for Green Ship' building by 2030 with launch of Green Tug Transition Programme.

Crewless container ships appear on the horizon. Adrienne Murray. *BBC News*. 23 March 2023. Available from: <https://www.bbc.co.uk/news/business-64875319> However, by the end of the year, the number of crew on board will be reduced from five to two and then, if all goes well, in two more years the vessel's bridge will be removed and there won't be any crew on board at all.

Artificial intelligence in shipyard...Samsung Heavy Industries developed a chatbot. *Samsung Heavy Industries*. 27 March 2023. Available from: http://www.samsungshi.com/eng/Pr/news_view.aspx?Page=1&Seq=1235&mac=e8d85f3132c3873f27ca08935144da36 Chatbots, which have been introduced in businesses with customer service work including financial and public institutions, are also being used in the shipbuilding industry.

Mitsubishi Shipbuilding Holds Launch Ceremony in Shimonoseki for Demonstration Test Ship for Liquefied CO2 Transport. *Mitsubishi Heavy Industries*. 28 March 2023. Available from: <https://www.mhi.com/news/230328.html> 🗳️ The ceremony, conducted in the presence of representatives of the ship's owner Sanyu Kisen Co., Ltd. and other partners, was held at the Enoura Plant of MHI's Shimonoseki Shipyard & Machinery Works in Shimonoseki, Yamaguchi Prefecture.


SHIPPING

Maritime roadshows for girls revival. *Nautilus International*. 27 February 2023. Available from: <https://www.nautilusint.org/en/news-insight/news/maritime-roadshows-for-girls-revival/> A series of maritime roadshows for girls to encourage more interest in Science, Technology, Engineering and Maths (STEM) subjects in schools has been revived by Maritime UK.

Cyprus president names new shipping deputy minister. Nigel Lowry. *Lloyd's List*. 28 February 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144134/Cyprus-president-names-new-shipping-deputy-minister> Lawyer Marina Hadjimanolis has been named as Cyprus' new deputy shipping minister.

What the era of carbon pricing will mean for the maritime industry. Panos Koutsourakis. *Safety4Sea*. 28 February 2023. Available from: <https://safety4sea.com/what-the-era-of-carbon-pricing-will-mean-for-the-maritime-industry/> The shipping industry's relationship to environmental regulation continues to evolve, with regional initiatives set to play an important role in the years ahead.

Companies must act to abandon dirty ships: New research names top brands responsible for shipping pollution. *Ship It Zero*. 1 March 2023. Available from: <https://shipitzero.org/companies-must-act-to-abandon-dirty-ships/> New research released today by the Ship It Zero campaign finds that Walmart, Target and Home Depot were the largest ocean import polluters of 2021, as e-commerce demands skyrocketed in the U.S. and globally.

All Brands on Deck: Furniture, Fashion, Retail & Technology Companies Must Act Now to Abandon Dirty Ships. *Stand.earth*. 1 March 2023. Available from: https://shipitzero.org/wp-content/uploads/2023/03/SIZ_AllBrandsonDeck.pdf;  In 2021, news media shone a rare spotlight on international shipping, a sector that is largely out-of-mind and out-of-sight for everyday citizens.

Virginia McVea to run MCA as female influence grows at the top of UK shipping. Gary Dixon. *TradeWinds*. 1 March 2023. Available from: <https://www.tradewindsnews.com/people/virginia-mcvea-to-run-mca-as-female-influence-grows-at-the-top-of-uk-shipping/2-1-1411860> Experienced civil servant Virginia McVea has been appointed the new chief executive of the UK's Maritime & Coastguard Agency (MCA).

ONE'S Nixon says decarbonizing shipping could add \$2,000-\$3,000 per container. Stas Margaronis. *American Journal of Transportation (AJOT)*. 1 March 2023. Available from: <https://www.ajot.com/insights/full/ai-ones-nixon-says-decarbonizing-shipping-could-add-2000-3000-per-container> Ocean carriers should focus on transitioning from fossil fuels to decarbonized green fuels but expect an added cost of between \$2000-\$3000 per forty-foot container, warned Jeremy Nixon, CEO of Ocean Network Express (ONE).

International Chamber of Shipping and Suez Canal Authority commit to continue open communication. *International Chamber of Shipping (ICS)*. 1 March 2023. Available from: <https://www.ics-shipping.org/press-release/international-chamber-of-shipping-and-suez-canal-authority-commit-to-continue-open-communication/> The International Chamber of Shipping and Egypt's Suez Canal Authority have re-signed an agreement covering key issues impacting international shipowners and operations of the Suez Canal.

War In Ukraine Has Had a Structural Change In Global Shipping. Nikos Roussanoglou. *Hellenic Shipping News*. 3 March 2023. Available from: <https://www.hellenicshippingnews.com/war-in-ukraine-has-had-a-structural-change-in-global-shipping/> Russia's invasion in Ukraine, a year and a few days ago, has had a profound impact on shipping.

Embracing gender equity in shipping. *Nautilus International*. 3 March 2023. Available from: <https://www.nautilusint.org/en/news-insight/news/embracing-gender-equity-in-shipping-join-the-conversation/> Nautilus celebrated the many strides towards equity that women in maritime have made during events for 2023's International Women's Day on 8 March.

The International Chamber of Shipping continues to grow with Luxembourg and Brazil joining the global shipowners' association. *International Chamber of Shipping (ICS)*. 3 March 2023. Available from: <https://www.ics-shipping.org/press-release/the-international-chamber-of-shipping-continues-to-grow-with-luxembourg-and-brazil-joining-the-global-shipowners-association/> The ICS, representing over 80% of the world's merchant fleet, is pleased to announce FEDIL Shipping, Luxembourg and the Brazilian Association of Cabotage Owners becoming Affiliate Member National Associations.

The Lloyd's List Podcast: Why is shipping still not taking Diversity, Equity and Inclusion seriously? *Lloyd's List*. 4 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144178/The-Lloyds-List-Podcast-Why-is-shipping-still-not-taking-Diversity-Equity-and-Inclusion-seriously> © The shipping industry has still not fully grasped the importance or the business case for Diversity, Equity and Inclusion, known as DEI, despite it being so integral to the structural long-term challenges ahead.

UN Adopts High Seas Treaty with Protected Zones and Shipping Limits. *Maritime Executive*. 6 March 2023. Available from: <https://maritime-executive.com/article/un-adopts-high-seas-treaty-with-protected-zones-and-shipping-limits> United Nations delegates completed the first-ever high seas treaty after a non-stop two-day marathon session going beyond the declared end for the fifth round of negotiations.

UN's High Seas Treaty contains significant ramifications for the global merchant fleet. Sam Chambers. *Splash 247.com*. 6 March 2023. Available from: <https://splash247.com/uns-high-seas-treaty-contains-significant-ramifications-for-the-global-merchant-fleet/> Global merchant shipping could be in for a shake-up following the signing of the High Seas Treaty at the United Nations headquarters in New York over the weekend.

Podcast: Why the shipowner lobby wants a price on carbon 'as soon as possible'. Eric Priante Martin. *TradeWinds*. 7 March 2023. Available from: <https://www.tradewindsnews.com/esg/podcast-why-the-shipowner-lobby-wants-a-price-on-carbon-as-soon-as-possible-/2-1-1413044> © The International Chamber of Shipping wants the global shipping regulator to put a price on carbon by 2024.

ICS statement on the High Seas Treaty. *International Chamber of Shipping (ICS)*. 7 March 2023. Available from: <https://www.ics-shipping.org/statement/ics-statement-on-the-high-seas-treaty/> The International Chamber of Shipping (ICS) welcomes the historic breakthrough in finalising the text the landmark High Seas Treaty agreement achieved at the United Nations (UN) this weekend.

The health of the oceans is shipping's problem too. Enes Tunagur. *Lloyd's List*. 7 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144270/The-health-of-the-oceans-is-shippings-problem-too> An industry that routinely allowed garbage to be dumped overboard until just 10 years ago needs to get with the programme.

Viewpoint: Rewriting the ‘hidden’ women into maritime history. Louise Sanger. *TradeWinds*. 8 March 2023. Available from: <https://www.tradewindsnews.com/opinion/viewpoint-rewriting-the-hidden-women-into-maritime-history/2-1-1411379> Leading shipping organisations are collaborating on a project to highlight the many opportunities undertaken by women to forge their careers — and making the information free.

Tricky stats for shipping on International Women’s Day. Sam Chambers. *Splash247.com*. 8 March 2023. Available from: <https://splash247.com/tricky-stats-for-shipping-on-international-womens-day/> Today marks International Women’s Day, a moment to reflect once again on the extraordinary dominance men hold within the shipping industry.

Breaking barriers: how women in maritime are overcoming gender bias. Alice Chambers. *Cruise & Ferry*. 8 March 2023. Available from: <https://www.cruiseandferry.net/articles/breaking-barriers-how-women-in-maritime-are-overcoming-gender-bias-1> Did you know that women only make up 1.2 per cent of the global seafarer workforce?

Call for more historical content to aid ‘Rewriting Women into Maritime History’. *Lloyd’s Register*. 8 March 2023. Available from: <https://www.lr.org/en/latest-news/call-for-more-historical-content-to-aid-rewriting-women-into-maritime-history/> A pioneering project to highlight the activities of women in the commercial shipping industry, ‘Rewriting Women into Maritime History’ is using International Women’s Day 2023 to call for more organisations to search their archives and submit stories of women’s vital role in global shipping through the ages.

IWD 2023: Leaders strive for ‘equal opportunities’ in the maritime industry. Charie Mae F. Abarca. *Manila Bulletin*. 8 March 2023. Available from: <https://mb.com.ph/2023/03/08/iwd-2023-leaders-strive-for-equal-opportunities-in-the-maritime-industry/> In time for the International Women’s Day (IWD), Filipino leaders expound the life of women seafarers and the challenges that they continue to face.

The Aspen Institute, Amazon, Patagonia, and Tchibo Launch the Zero Emission Maritime Buyers Alliance (ZEMBA) to Accelerate Maritime Shipping Decarbonization. *Aspen Institute*. 9 March 2023. Available from: <https://www.aspeninstitute.org/news/zero-emission-maritime-buyers-alliance-launch/> Last night, during the Aspen Ideas: Climate event in Miami Beach, Florida, USA, the Aspen Institute was pleased to announce the formation of the Zero Emission Maritime Buyers Alliance (ZEMBA), alongside co-founders Amazon, Patagonia, and Tchibo.

CLIA and SEA Europe announce Joint Declaration calling for the EU to include cruise ship building and maritime technology in the Net Zero Industry Act. *Cruise Lines International Association (CLIA)*. 9 March 2023. Available from: https://europe.cruising.org/knowledge_hub/press-release-joint-declaration-paris-summit-2023/ Cruise lines, shipyards and marine equipment manufacturers have issued a Joint Declaration calling on the European Commission and European governments to include cruise ship building and the maritime technology sector in the forthcoming Net Zero Industry Act.

How the U.S. can cut maritime emissions. Caroline Bonfield. *Ocean Conservancy*. 10 March 2023. Available from: <https://oceanconservancy.org/blog/2023/03/10/how-us-can-cut-maritime-emissions/> For several years, Ocean Conservancy has joined with partners to sound the call for the decarbonization of the shipping industry.

Reducing Greenhouse Gases in the Maritime Sector. *Ocean Conservancy*. 10 March 2023.

Available from: <https://oceanconservancy.org/climate/shipping/zero-emission-pathways/decarbonizing-us-fleet/> The United States has committed to eliminating all greenhouse gas emissions in the transportation sector by 2050.

[Reducing Greenhouse Gases in the Maritime Sector: Approaches for Decarbonizing the U.S. Fleet](#) 🇺🇸

Shipowners could be stuck in slow-steaming CII ‘straitjacket’ during market spikes,

Clarksons says. Gary Dixon. *TradeWinds*. 13 March 2023. Available from:

<https://www.tradewindsnews.com/bulkers/shipowners-could-be-stuck-in-slow-steaming-cii-straitjacket-during-market-spikes-clarksons-says/2-1-1418420> Clarksons Research managing director Stephen Gordon has warned that owners may be unable to respond to market spikes with ship speed increases.

Boskalis’ road to climate neutrality. Eldin Ganic. *Dredging Today*. 13 March 2023. Available from:

<https://www.dredgingtoday.com/2023/03/13/boskalis-road-to-climate-neutrality/> “We seek to further reduce emissions from our activities and, at the same time, drive our competitive advantage through our ability to offer a range of accessible, low-carbon solutions to our clients,” the company said.

Why the Global Shipping Industry Can’t Clean Up Its Act. William Ralston. *Bloomberg*.

14 March 2023. Available from: <https://www.bnnbloomberg.ca/why-the-global-shipping-industry-can-t-clean-up-its-act-1.1895217> Singapore-based BW LPG goes about its business differently than many shipowners.

Post IMO 2020 high sulphur fuel accounts for 26% of global bunker sales. Marcus Hand and Peter Shaw-Smith. *Seatrade Maritime News*. 15 March 2023. Available from: <https://www.seatrade-maritime.com/bunkering/post-imo-2020-high-sulphur-fuel-accounts-26-global-bunker-sales> With the IMO 2020 regulation restricting bunker fuel to 0.5% sulphur content from 1 January 2020 market observers had been expecting HSFO to become marginalised and potentially difficult to purchase in many ports.

Green Seas: Are small vessels a missed opportunity for slashing carbon? Eric Priante Martin.

TradeWinds. 15 March 2023. Available from: <https://www.tradewindsnews.com/technology/green-seas-are-small-vessels-a-missed-opportunity-for-slashing-carbon-/2-1-1419605> The International Maritime Organization has focused many of its greenhouse gas regulations on bigger ships that make up 85% of the industry’s carbon footprint.

The Future of OSVs: Preparing for carbon neutrality. Wei Huang. *North American Clean Energy*.

15 March 2023. Available from: <https://www.nacleanenergy.com/energy-efficiency/the-future-of-osvs-preparing-for-carbon-neutrality> The offshore support vessel (OSV) market is entering a period of exciting transition.

California and Japan to Collaborate on Clean Ports and Shipping. *California State*

Transportation Agency. 15 March 2023. Available from: <https://calsta.ca.gov/press-releases/2023-03-15-ca-japan-collaborate-on-clean-ports> The governments of California and Japan today announced a new effort to work together to clean up a critical link in the global supply chain by collaborating on strategies to cut planet-warming pollution at seaports and establish green shipping corridors.

BIMCO launches campaign to accelerate uptake of electronic bills of lading. *BIMCO*.

16 March 2023. Available from: <https://www.bimco.org/news/priority-news/20230316-25by25> The use of electronic bills of lading (eBLs) increases efficiency, reduces costs and improves the overall transparency and security of trade.

Over 100 falsely flagged ships are trading in plain sight. Richard Meade. *Lloyds List*. 16 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144324/Over-100-falsely-flagged-ships-are-trading-in-plain-sight> A growing fleet of ships using fraudulent certificates issued by fake flag registries, often broadcasting falsified AIS data, is trading internationally with almost no oversight and a limited range of enforcement tools to stop them.

UN at defining moment for 2030 and 2040 climate action on shipping. *Clean Shipping Coalition (CSC)*. 17 March 2023. Available from: <https://cleanshipping.info/news/un-at-defining-moment-for-2030-and-2040-climate-action-on-shipping/> The International Maritime Organization (IMO) has a historic opportunity in the next three months to put the global shipping industry on an equitable, 1.5°C-aligned decarbonisation pathway.

Sustainable maritime fuels - 'Fit for 55' package: the FuelEU Maritime proposal. *European Parliament*. 17 March 2023. Available from: [https://www.europarl.europa.eu/thinktank/en/document/EPRS_BRI\(2021\)698808](https://www.europarl.europa.eu/thinktank/en/document/EPRS_BRI(2021)698808) In July 2021, the European Commission put forward the 'fit for 55' package of legislative proposals, aimed at ensuring the success of the European Green Deal. [Briefing](#)

US wants to cut CO2 emissions from global shipping by 96 percent in 2040.. *ShippingWatch*. 20 March 2023. Available from: <https://shippingwatch.com/regulation/article15398264.ece> There is a mere 100 days till the next climate meeting at IMO wherein there will be talks of a complete elimination of CO2 emissions by 2050.

IPCC confirms shipping must halve emissions by 2030. *Clean Shipping Coalition (CSC)*. 20 March 2023. Available from: <https://cleanshipping.info/news/ipcc-confirms-shipping-must-halve-emissions-by-2030/> The report comes just in time for another round of crucial climate negotiations on reducing emissions from global shipping at the International Maritime Organization (IMO).

Net-zero shipping: where there's a will. Oliver Gordon. *Energy Monitor*. 20 March 2023. Available from: <https://www.energymonitor.ai/sectors/transport/net-zero-shipping-where-theres-a-will/> There are whispers of a global decarbonisation agenda for the archaic monolith that is the maritime shipping industry – but will the technology be ready to turn the tanker in time?

CSA, IDB sign agreement to accelerate shipping industry decarbonization. *Caribbean Shipping Association*. 20 March 2023. Available from: <https://caribbeanshipping.org/csa-idb-sign-agreement-to-accelerate-shipping-industry-decarbonization/> The Caribbean Shipping Association (CSA) and the Inter-American Development Bank (IDB) will collaborate to decarbonize the shipping industry after signing a Memorandum of Understanding (MoU) on Friday, March 17.

Lee: Taskforce formed to look into classification of ships in Sarawak. *Borneo Post Online*. 20 March 2023. Available from: <https://www.theborneopost.com/2023/03/20/lee-taskforce-formed-to-look-into-classification-of-ships-in-sarawak/> The Sarawak Ministry of Transport has formed a task force to look into the classification of ships in Sarawak following the recent requirement under the International Convention for the Safety of Life at Sea (Solas).

Greener Shipping Summit delivers clear message: Collaboration Is Key To Safe Decarbonisation. *Bunker Ports News Worldwide*. 20 March 2023. Available from: <http://www.bunkerportsnews.com/News.aspx?ElementId=1bd29b16-8b40-4111-89f7-45e3f12b4216> Though education in the latest technology is a must, "education should not underestimate and cannot replace the importance of traditional values and principles" declared Panos Kourkountis, the keynote speaker at this week's Greener Shipping Summit.

Global merchant fleet ageing rapidly. Sam Chambers. *Splash 247.com*. 21 March 2023. Available from: <https://splash247.com/global-merchant-fleet-ageing-rapidly/> The global merchant fleet is getting old fast with a growing number of experts suggesting shipping could face a bottleneck in the coming years as a paucity of available newbuild slots fail to cover the volume of ships hitting their demolition age.

The Poseidon Principles — now it's going to get difficult. Gary Howard. *Seatrade Maritime News*. 22 March 2023. Available from: <https://www.seatrade-maritime.com/finance-insurance/poseidon-principles-now-its-going-get-difficult> Speaking on the opening day of CMA Shipping 2023 in Connecticut, Michael Parker, Chairman, Global Shipping, Logistics & Offshore at Citi and one of the architects of the Poseidon Principles, said that the ambitions and commitments within the framework would make for tough decisions in coming years.

Business as usual 'not an option' on shipping's path to decarbonisation. Tomer Raanan. *Lloyd's List*. 22 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144410/> The coming year will be defining for shipping's decarbonisation journey and the industry can no longer go about its business as usual, according to shipowner group BIMCO.

Pressure grows on shipping industry to accept carbon levy. Fiona Harvey. *The Guardian*. 22 March 2023. Available from: <https://www.theguardian.com/environment/2023/mar/22/pressure-grows-on-shipping-industry-to-accept-carbon-levy> World Bank among those urging levy to fund climate action in developing world and encourage fleets to upgrade.

INTERVIEW: Wärtsilä Sees Container Downturn Driving New Wave of Scrubber Investments. Jack Jordan. *Ship & Bunker*. 22 March 2023. Available from: <https://shipandbunker.com/news/world/913966> Engineering firm Wartsila is expecting to see a new wave of scrubber installations this year, driven in part by recent weakness in the container market.

Fit for 55: deal on new EU rules for cleaner maritime fuels. *European Parliament*. 23 March 2023. Available from: <https://www.europarl.europa.eu/news/en/press-room/20230320IPR77909/> Parliament and Council reached a deal on cleaner maritime fuels, asking to cut ship emissions by 2% as of 2025 and by 80% as of 2050, to help the EU become climate neutral.

EU finally reaches deal on FuelEU Maritime. *Danish Shipping*. 23 March 2023. Available from: <https://www.danishshipping.dk/en/press/news/fuel-eu-maritime-finally-adopted> This morning, the extensive regulation FuelEU Maritime was agreed upon in Brussels.

EU agrees to the world's first green shipping fuel requirement: The beginning of the end for dirty shipping fuels. *Transport & Environment*. 23 March 2023. Available from: <https://www.transportenvironment.org/discover/eu-confirms-the-worlds-first-green-shipping-fuel-requirement/> Ships will be required to increasingly switch to sustainable fuels and at least 2% of the bloc's shipping fuels will need to come from e-fuels derived from renewable electricity by 2034, at the latest.

Cargo ships must use 2 percent green fuel in EU from 2025. Daniel Logan. *ShippingWatch*. 23 March 2023. Available from: <https://shippingwatch.com/carriers/article15438820.ece> The EU reaches agreement on new legislation which entails that freighters must initiate cuts to greenhouse gas emissions from fuels.

Green solutions for shipping. Liu Hongming. *China Daily*. 23 March 2023. Available from: <http://epaper.chinadaily.com.cn/a/202303/23/WS641b90b2a3107776898878fd.html> Reducing industry's emissions can help China achieve its carbon neutrality goal and address global climate change.

EU to set 2% renewable marine fuel target to cut carbon emissions. Enes Tunagur. *Lloyd's List*. 23 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144425/> The European Union has reached a provisional agreement to set a 2% sub-quota for renewable marine fuels from 2034.

FuelEU Maritime Marks the 'Beginning of the End' for Dirty Fuels in Shipping. Nick Savvides. *gCaptain*. 23 March 2023. Available from: <https://gcaptain.com/fueleu-maritime-marks-the-beginning-of-the-end-for-dirty-fuels-in-shipping/> Shipping, forwarding and environmental groups have welcomed the world's first law requiring ships to use sustainable fuel.

FuelEU Maritime: a step forward towards shipping's energy transition. *European Community Shipowners' Associations (ECSA)*. 23 March 2023. Available from: <https://www.ecsa.eu/index.php/news/fueleu-maritime-step-forward-towards-shippings-energy-transition> The agreement gives a strong political signal and provides clear climate targets and guidance for the industry as regards the fuels that may be used towards the energy transition of the sector.

Insurers covering Ukraine grain corridor shipments for now - Lloyd's exec. Jonathan Saul. *Reuters*. 23 March 2023. Available from: <https://reut.rs/3W4ND7D> Insurers continue to cover grain shipments from Ukraine through a U.N.-backed corridor although more clarity will be required soon, a senior Lloyd's of London official said on Thursday, after the export accord was renewed for at least 60 days.


Workers pay more in tax than Maersk - research. *International Transport Workers' Federation (ITF)*. 23 March 2023. Available from: <https://www.itfglobal.org/en/news/workers-pay-more-in-tax-maersk-research> It's likely that A.P. Moller – Maersk's employees around the world pay a far higher rate of tax than the shipping multinational they work for, according to new analysis being released ahead of the Maersk AGM next week.

PISR says ITF "falsely" targets Palau ship registry as one of the worst flags. *Island Times (Palau)*. 24 March 2023. Available from: <https://islandtimes.org/pisr-says-itf-falsely-targets-palau-ship-registry-as-one-of-the-worst-flags/> The Palau International Shipping Registry (PISR) said that the International Transport Workers' Federation (ITF) "falsely and unreservedly targeted the Republic of Palau and its Ship Registry as one of the four worst flags."

Shipping faces 'increasing' expectations to improve diversity. Tomer Raanan. *Lloyd's List*. 24 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144437/> Maritime needs to integrate diversity, equity and inclusion in its business objectives rather than treat it as a human resources issue.


The Lloyd's List Podcast: The view from CMA. *Lloyd's List*. 26 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144449/> The podcast is stateside this week, coming to you live from the annual Connecticut Maritime Association event in Stamford.

EU raises the target for shipping's decarbonisation, but IMO doesn't yet. *Ship Management International*. 27 March 2023. Available from: <https://shipmanagementinternational.com/eu-raises-the-target-for-shippings-decarbonisation-but-imo-doesnt-yet/> The European Commission has welcomed the political agreement reached between the European Parliament and the Council that increases the maritime transport sector's contribution to reaching the EU-wide target of reducing net greenhouse gas emissions by at least 55% by 2030, and to achieving climate neutrality in 2050.

Shipping industry can save \$50 bn through four enablers of operational efficiency. *Global Maritime Forum*. 27 March 2023. Available from: <https://www.globalmaritimeforum.org/press/shipping-industry-can-save-50-bn-through-four-enablers-of-operational-efficiency> The shipping industry is facing a major transformation as it is working towards full decarbonisation by 2050. [Insight Brief - Short-Term Action Opportunities](#) 

Clarksons upbeat on tankers as 'dark' fleet estimated at 10% of total capacity. Gary Dixon. *TradeWinds*. 27 March 2023. Available from: <https://www.tradewindsnews.com/tankers/clarksons-upbeat-on-tankers-as-dark-fleet-estimated-at-10-of-total-capacity/2-1-1426255> The war in Ukraine has changed everything for the crude and product sector, with the UK company's managing director Stephen Gordon estimating the so-called "dark" fleet handling Russian cargoes could now constitute 10% of capacity.

CMA Shipping 2023: Liner Shipping's Commercial and Data-Driven Future. Barry Parker. *gCaptain*. 27 March 2023. Available from: <https://gcaptain.com/cma-shipping-2023-liner-shippings-commercial-and-data-driven-future/> During the discussion, questions came up regarding the future of alliances between carriers, which was not surprising given the recent breakup of the 2M Alliance (Maersk and MSC) and the unravelling of the TradeLens effort (Maersk and IBM) to build an industry-wide blockchain platform for liner shipping.

Deep Waters: The hidden world of global shipping. *BBC World Service*. 28 March 2023. Available from: <https://www.bbc.co.uk/programmes/w3ct59sd>  Bulk carriers like the *MV Raeda* and the *MV Olivian Confidence* carry necessary supplies across the oceans.

Spain cracks down on ship-to-ship transfers. Sam Chambers. *Splash 247.com*. 28 March 2023. Available from: <https://splash247.com/spain-cracks-down-on-ship-to-ship-transfers/> Spain is cracking down on ship-to-ship (STS) transfers as its coastline becomes a hotspot for Russian cargoes heading to Asia, often on old, substandard tonnage.

Decarbonisation and digitalisation are opportunities to get more women into shipping, WISTA head says. Matt Coyne. *TradeWinds*. 29 March 2023. Available from: <https://www.tradewindsnews.com/people/decarbonisation-and-digitalisation-are-opportunities-to-get-more-women-into-shipping-wista-head-says/2-1-1426383> Environmental, social and corporate governance (ESG) issues and the push for decarbonisation are opportunities to get more women involved in shipping, says WISTA International's new president.

Maritime 2050: the race to zero-emission shipping. Jonathan Taylor. *ShipTechnology*. 29 March 2023. Available from: <https://www.ship-technology.com/comment/maritime-2050-the-race-to-zero-emission-shipping/> Jonathan Taylor, Marine VP at Expleo, looks at what still needs to be done to ensure the UK marine industry hits the Maritime 2050 target.

Hong Kong Shipowners Association celebrates 65 years in its role at the heart of the world's shipping family. Michael Grinter. *Hong Kong Maritime Hub*. 30 March 2023. Available from: <http://www.hongkongmaritimehub.com/hong-kong-shipowners-association-celebrates-65-years-in-its-role-at-the-heart-of-the-worlds-shipping-family/> In February this year the Hong Kong Shipowners Association held its annual lunar new year gathering at a downtown hotel.

Headwinds Hamper the Poseidon Principles. James Clayton. *Maritime Logistics Professional*. 30 March 2023. Available from: <https://www.maritimeprofessional.com/news/headwinds-hamper-poseidon-principles-383977> The Poseidon Principles provide a platform for financing shipping's sustainable future, but the technical guidance underpinning the initiative remains under scrutiny.

UK pushes for 'genuine link' between vessels and flag states. Paul Peachey. *TradeWinds*. 30 March 2023. Available from: <https://www.tradewindsnews.com/law/uk-pushes-for-genuine-link-between-vessels-and-flag-states/2-1-1428875> The International Maritime Organization has signalled a path to ending the 37-year wait for a system to ensure a genuine link between vessels and flag states to tackle the growing problem of registry fraud.

Russia Still Uses Western Insurance for Half of Oil Shipments. *Bloomberg*. 30 March 2023. Available from: <https://www.bnnbloomberg.ca/russia-still-uses-western-insurance-for-half-of-oil-shipments-1.1902483> Russia still relies on Western insurers to cover more than half of the tanker fleet that exports its oil, according to data compiled by Bloomberg, and the country's energy officials are voicing concerns about the situation.

The Ukraine effect podcast: Shipping's shifting macro risk. Richard Meade. *Lloyd's List*. 30 March 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144520/> © The shipping industry has had to adapt rapidly since Russia invaded Ukraine in February 2022.

RESEARCH

Smyth T, Deakin A, et al. **Faster, Better, Cheaper: Solutions to the Atmospheric Shipping Emission Compliance and Attribution Conundrum.** *Atmosphere*. 4 March 2023. Available from: <https://www.mdpi.com/2073-4433/14/3/500> Global concerns regarding air quality have over the past decade led to the introduction of regulations by the IMO curbing the emissions of sulphur and nitrogen oxides (SO_x, NO_x).

Eriksen M, Cowger W, et al. **A growing plastic smog, now estimated to be over 170 trillion plastic particles afloat in the world's oceans—Urgent solutions required.** *PLOS ONE*. 8 March 2023. Available from: <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0281596> As global awareness, science, and policy interventions for plastic escalate, institutions around the world are seeking preventative strategies.

Levin LA, Alfaro-Lucas JM, et al. **Deep-sea impacts of climate interventions.** *Science*. 9 March 2023. Available from: <https://www.science.org/doi/abs/10.1126/science.ade7521> Ocean manipulation to mitigate climate change may harm deep-sea ecosystems.


Bach H and Hansen T. **Flickering guiding light from the International Maritime Organisation's policy mix.** *Environmental Innovation and Societal Transitions*. 10 March 2023. Available from: <https://www.sciencedirect.com/science/article/pii/S2210422423000308> The maritime shipping sector is one of the hard-to-abate sectors in need of policy guidance for enabling sustainability transitions.

Zhang Y, Wu P, et al. **Plastic waste discharge to the global ocean constrained by seawater observations.** *Nature Communications*. 13 March 2023. Available from: <https://www.nature.com/articles/s41467-023-37108-5> Marine plastic pollution poses a potential threat to the ecosystem, but the sources and their magnitudes remain largely unclear.

ZoBell VM, Gassmann M, et al. **Retrofit-induced changes in the radiated noise and monopole source levels of container ships.** *PLOS ONE*. 16 March 2023. Available from: <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0282677> The container shipping line Maersk undertook a Radical Retrofit to improve energy efficiency of twelve sister container ships.

Abila S, Kitada M, et al. **Empowering Seafarers as Agents of Their Mental Health: The Role of Information and Communication Technology in Seafarers' Well-Being.** *Journal of Health Care Organization, Provision, and Financing*. 22 March 2023. Available from: <https://journals.sagepub.com/doi/abs/10.1177/00469580231162752> The academic literature seldom views information and communication technology (ICT) as a means to empower merchant seafarers in terms of their active and positive contributions to their mental health (MH) and overall well-being.

Kwon J-W, Yeo S, et al. **Assessment of Shipping Emissions on Busan Port of South Korea.** *Journal of Marine Science and Engineering*. 26 March 2023. Available from: <https://www.mdpi.com/2077-1312/11/4/716/htm> This study aims to accurately estimate the emissions of seven air pollutants from ships for 2020 in the busiest port in Korea, Busan Port.

Wissner N, Healy S, et al. **Methanol as a marine fuel: Advantages and limitations.** *Öko-Institut e.V. Institute for Applied Technology (Germany)*. March 2023. Available from: <https://www.oeko.de/en/publications/p-details/methanol-as-a-marine-fuel> E-Methanol is prominently discussed as a potential candidate to decarbonise deep-sea shipping. [Report](#) 

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maritimeknowledgecentre@imo.org

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.