



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

“Sharing Maritime Knowledge”

CURRENT AWARENESS BULLETIN

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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.

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IMO NEWS & EVENTS

WHAT'S NEW

ISWG-GHG 12: Reducing GHG Emissions from Ships

GHG Working Group finalizes guidelines to support implementation of carbon intensity measures and agrees to further develop a "basket of candidate mid-term measures" including technical and carbon-pricing elements

Draft guidelines to support implementation of ship carbon intensity measures coming into effect in 2023 have been finalized by an International Maritime Organization (IMO) Working Group.

[More...](#)

18 May – celebrating women in maritime

The first International Day for Women in Maritime on 18 May 2022 provides a platform to highlight and celebrate the achievements of women in maritime and identify areas of improvement for gender balance.

IMO Secretary-General Kitack Lim said: "There is still a gender imbalance in maritime – but times are changing. It is recognized that diversity in maritime benefits the entire sector. Women in maritime are working everywhere to support the transition to a decarbonized, digitalized and more sustainable future. [More...](#)

Driving diversity in maritime through data

Gender diversity in maritime is extremely fragmented by sector, according to data from the newly-published 2021 IMO-WISTA (Women's International Shipping & Trading Association) Women in Maritime Survey Report.

The report, launched on the first IMO International Day for Women in Maritime, contains information about the proportion and distribution of women working in the maritime sector from IMO Member States and the maritime industry. The data demonstrates that women account for only 29% of the overall workforce in the general industry and 20% of the workforce of national maritime authorities in Member States. [More...](#)

Single window for ship data exchange to become mandatory

IMO's Facilitation Committee has adopted amendments to the Facilitation (FAL) Convention which will make the single window for data exchange mandatory in ports around the world, marking a significant step in the acceleration of digitalization in shipping.

Other amendments adopted include lessons learnt from the COVID-19 pandemic and add new and amended Recommended Practices to prevent corruption and illicit activities in the maritime sector.

[More...](#)

MEETING SUMMARIES AND SCHEDULE

Previous Meetings (REMOTE)

[Sub-Committee on Pollution Prevention and Response \(PPR 9\)](#) – 4-8 April 2022

[Maritime Safety Committee \(MSC 105\)](#) – 20-29 April 2022

[Facilitation Committee \(FAL 46\)](#) – 9-13 May 2022

[Intersessional Working Group on the Reduction of GHG Emissions from Ships \(ISWG-GHG 12\)](#) – 16-20 May 2022

Forthcoming Meetings (REMOTE)

Marine Environment Protection Committee (MEPC 78) – 6-10 June 2022

Sub-Committee on Safety of Navigation, Communication and Search and Rescue (NCSR 9) – 21-30 June 2022

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

[World Gas Conference](#) – 26 May 2022

["International Day of Women in Maritime" Symposium](#) – 18 May 2022

[IAPH Conference](#) – 16-18 May 2022

[FSO SAFER message](#) – 11 May 2022

Facilitation Committee, 46th session (FAL 46), 9-13 May ([Opening](#) remarks)

LATEST PRESS BRIEFINGS

[IMO Secretary-General urges support for FSO Safer plan](#)
23 May 2022

IMO NEWS MAGAZINE

IMO PUBLISHING [Just Published 2022](#)

UNITED NATIONS

Secretary-General Will Push Business, Investors, Cities to ‘Walk the Talk’ on Net-Zero Pledges, Launching Expert Group as Climate Crisis Worsens. *United Nations*. 31 March 2022.

Available from: <https://www.un.org/press/en/2020/sga2109.doc.htm> United Nations

Secretary-General António Guterres today launched his Expert Group to develop stronger and clearer standards for net-zero emissions pledges by non-State entities — including businesses, investors, cities and regions — and speed up their implementation.

Almost everyone now breathing polluted air, warns WHO. *UN News*. 4 April 2022. Available

from: <https://news.un.org/en/story/2022/04/1115492> An astonishing 99 per cent of the world’s population breathes polluted air that exceeds internationally approved limits, with negative health impacts kicking in at much lower levels than previously thought.

Ukraine’s President calls on Security Council to act for peace, or ‘dissolve’ itself. *UN News*.

5 April 2022. Available from: <https://news.un.org/en/story/2022/04/1115632> “We are dealing with a State that is turning the veto of the United Nations Security Council into the right to die”, President Zelenskyy warned.

Diverse, inclusive workplace: ‘Key driver of resilience and recovery’. *UN News*. 6 April 2022.

Available from: <https://news.un.org/en/story/2022/04/1115672> One-in-four people do not feel valued at work, and those who do are mostly in senior positions, according to a new report launched on Wednesday by the International Labour Organization (ILO).

Ukraine war unleashing a ‘perfect storm’ of crises, warns UN chief. *UN News*. 13 April 2022.

Available from: <https://news.un.org/en/story/2022/04/1116152> On Wednesday, UN

Secretary-General António Guterres presented the first detailed policy brief issued by the Global Crisis Response Group on Food, Energy and Finance (GCRG), which he set up to study the effects of the war in Ukraine on the world’s most vulnerable.

Guterres requests meetings with Russian and Ukrainian Presidents. *UN News*. 20 April 2022.

Available from: <https://news.un.org/en/story/2022/04/1116562> In efforts to end the war in Ukraine, Secretary-General António Guterres has written separate letters to the leaders of Russia and Ukraine to request meetings with them in their respective capitals, the United Nations said on Wednesday.

UN Secretary-General to meet separately next week with Putin and Zelenskyy. *UN News*.

22 April 2022. Available from: <https://news.un.org/en/story/2022/04/1116742> António Guterres will be traveling to Russia and Ukraine to meet with both the Foreign Ministers and Presidents of these countries.

‘Tomorrow could be too late’: The UN calls for an immediate halt to fighting in Mariupol,

Ukraine. *UN News*. 24 April 2022. Available from: <https://news.un.org/en/story/2022/04/1116772>

The UN’s crisis coordinator in Ukraine called on Sunday for an immediate stop to fighting in besieged Mariupol to allow trapped civilians to leave the city safely.

UN General Assembly mandates meeting in wake of any Security Council veto. *UN News*.

26 April 2022. Available from: <https://news.un.org/en/story/2022/04/1116982> The UN General Assembly decided on Tuesday to automatically meet within 10 days, if the veto is used in the Security Council by one of its five permanent members.

Russia agrees ‘in principle’ to UN and Red Cross involvement in evacuations from Mariupol.

UN News. 26 April 2022. Available from: <https://news.un.org/en/story/2022/04/1116932> Russia has agreed “in principle” to UN involvement in the evacuation of citizens from the last remaining holdout in the Ukrainian city of Mariupol, following a meeting between Secretary-General António Guterres and President Vladimir Putin in Moscow on Tuesday.

‘The world sees you’ UN chief tells Ukrainians, pledging to boost support. *UN News*. 28 April 2022. Available from: <https://news.un.org/en/story/2022/04/1117202> Describing Ukraine as “an epicenter of unbearable heartache and pain”, the UN chief took to the podium alongside its president in Kyiv on Thursday, vowing to increase support for the people amidst the suffering, and the millions displaced in the wake of Russia’s invasion.

Secretary-General’s remarks at press conference with President Volodymyr Zelenskyy of Ukraine. *UN News*. 28 April 2022. Available from: <https://bit.ly/3Nvnxp9> President Zelenskyy, thank you very much for your warm welcome in these most difficult times.

Ukraine war: Rockets hit Kyiv as UN chief admits failings. *BBC News*. 29 April 2022. Available from: <https://www.bbc.co.uk/news/world-europe-61265635> 🗣️ Antonio Guterres said the council had failed to prevent or end the war in Ukraine.

CASUALTIES

Interim Investigation Report - Very Serious Marine Casualty 103/21. *Federal Bureau of Maritime Casualty Investigation (Germany)*. 25 March 2022. Available from: https://www.bsu-bund.de/SharedDocs/pdf/EN/Investigation_Report/2022/Interim_Investigation_Report_103_21.pdf Accident with Subsequent Loss of Life on Board the Containership *SEOUL EXPRESS* at Sea between Manzanillo and Long Beach on 27 March 2021.

BSU Investigation: An accident resulted in subsequent loss of life on board. *Safety4Sea*. 6 April 2022. Available from: <https://safety4sea.com/bsu-investigation-an-accident-resulted-in-subsequent-loss-of-life-on-board/> The German Federal Bureau of Maritime Casualty Investigation published its report about an accident with subsequent loss of life on board, concerning the Containership *SEOUL EXPRESS*, on 27 March 2021.

Foreign ship sinks in Mariupol after missile attacks, says flag registry. Jonathan Saul. *Reuters*. 5 April 2022. Available from: <https://www.reuters.com/world/europe/foreign-merchant-ship-hit-by-missile-mariupol-ukrainian-official-2022-04-05/> A Dominica-flagged cargo ship sank on Tuesday in the besieged southern Ukrainian port city of Mariupol after being targeted by Russian missile strikes, the vessel's flag registry said.

General cargoship sinks off Mariupol after shelling as Ukrainians and Russians point fingers. Matt Coyne. *TradeWinds*. 5 April 2022. Available from: <https://www.tradewindsnews.com/casualties/general-cargoship-sinks-off-mariupol-after-shelling-as-ukrainians-and-russians-point-fingers/2-1-1197174> A Dominica-flagged general cargoship at anchor at Mariupol has sunk after three days of Russian shelling.

UN unveils plan to prevent stricken oil tanker disaster off Yemen coast. *UN News*. 8 April 2022. Available from: <https://news.un.org/en/story/2022/04/1115932> Critical funding and timely action are needed to prevent a decaying tanker anchored close to Yemen's coastline from sparking a major oil spill, the UN Humanitarian Coordinator for the country said on Friday in New York.

UN seeks \$80 million to prevent tanker disaster in Red Sea. Edith M. Lederer. *Associated Press*. 8 April 2022. Available from: <https://apnews.com/article/oil-spills-business-middle-east-united-nations-environment-9cde24aa7f684db7db4f28da0dce3629> The United Nations urged donor nations on Friday to provide \$80 million for an emergency operation to remove a million barrels of crude oil from a tanker moored off the coast of war-torn Yemen since 1988 that could explode or leak causing a major environmental disaster in the Red Sea and beyond.

Report produced on fatal *Gulf Livestock 1* sinking, findings not released. Che Baker. *Stuff (New Zealand)*. 8 April 2022. Available from: <https://www.stuff.co.nz/national/128311004> Panama authorities have released a report on the fatal *Gulf Livestock 1* sinking, that two New Zealanders went down on, to the men's families and New Zealand authorities.

Two bodies found after South Korea ship goes missing near Taiwan. Fabian Hamacher and Hyonhee Shin. *Reuters*. 8 April 2022. Available from: <https://www.reuters.com/world/asia-pacific/skorea-says-search-under-way-missing-ship-off-taiwan-coast-2022-04-08/> Taiwan has recovered two bodies after a ship carrying six South Koreans went missing in the Taiwan Strait, and search and rescue operations are under way, the Taiwanese and South Korean governments said on Friday.

Shipping casualties on the rise on day 47 of Russia's invasion of Ukraine. Sam Chambers. *Splash 247.com*. 11 April 2022. Available from: <https://splash247.com/shipping-casualties-on-the-rise-on-day-47-of-russias-invasion-of-ukraine/> Seafarers continue to be unwitting victims in the near 50-day war between Russia and Ukraine with casualties increasing and insurers essentially voiding the area.

Completed preliminary examination - Loss of 34 containers overboard from cargo vessel *Francisca*. *UK Marine Accident Investigation Branch (MAIB)*. 13 April 2022. Available from: <https://www.gov.uk/maib-reports/loss-of-34-containers-overboard-from-cargo-vessel-francisca>
On 31 October 2020, 34 containers were lost overboard from the Netherlands registered general cargo vessel *Francisca*, near Duncansby Head in the North Sea.

Are the lessons being learnt from shipping's serious accidents? *Splash 247.com*. 14 April 2022. Available from: <https://splash247.com/are-the-lessons-being-learnt-from-shippings-serious-accidents/> Often the only good thing that comes out of a tragedy or disaster is that the investigation gives us some knowledge of how to prevent similar incidents in the future.

One killed in oil tanker explosion off Hong Kong. *Al Jazeera*. 16 April 2022. Available from: <https://www.aljazeera.com/news/2022/4/16/one-person-dead-in-hong-kong-tanker-explosion>
At least six others injured and authorities unable to confirm if there was an oil spill because of poor visibility after nightfall.

One killed and six injured in oil tanker explosion off Hong Kong. Cichen Shen. *Lloyd's List*. 16 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140525/>
An explosion on a small chemical and oil tanker off Hong Kong has left at least one crew member dead and six others injured.

Divers inspect fuel-laden ship that sank off Tunisia. *France 24*. 17 April 2022. Available from: <https://www.france24.com/en/africa/20220417-divers-inspect-fuel-laden-ship-that-sank-off-tunisia>
Divers on Sunday inspected the hull of a tanker loaded with 750 tonnes of fuel that sank off southeastern Tunisia, with no leak detected so far, officials said.

Xelo tanker: no fuel leakage reported so far (minister) [Upd 1]. *Agence Tunis Afrique Presse (Tunisia)*. 17 April 2022. Available from: <https://www.tap.info.tn/en/Portal-Top-News-EN/15107413-xelo-tanker-no> No leakage of fuel has been reported so far from *Xelo* tanker, said Minister of Transport Rabii Mjidi.

First Images of the Lost Russian Cruiser *Moskva* Emerge. *Maritime Executive*. 17 April 2022. Available from: <https://www.maritime-executive.com/article/photos-first-images-of-the-lost-russian-cruiser-moskva-emerge> The first images believed to be of the damaged cruiser *Moskva* began circulating on social media on Sunday, and open-source intelligence analysts suggest that the photos appear to be authentic.

Bunker tanker sinks off Tunisian coast, raising environmental concerns. Matt Coyne. *TradeWinds*. 18 April 2022. Available from: <https://www.tradewindsnews.com/casualties/bunker-tanker-sinks-off-tunisian-coast-raising-environmental-concerns/2-1-1202601> Authorities in Tunisia continue to work to limit environmental damage following the Friday sinking of a bunker tanker carrying as much as 1,000 tonnes of fuel in the North African country's waters.

Sinking of oil tanker off Gabes: Several countries willing to offer help (Presidency). *Agence Tunis Afrique Presse (Tunisia)*. 18 April 2022. Available from: <https://www.tap.info.tn/en/Portal-Politics/15109802-sinking-of-oil> Several countries offered to help Tunisia after oil tanker *Xelo* sank off the Gulf of Gabes, in the south-east of the country, in a bid to avoid a potential environmental disaster.

ITF urges port safety inquiry after worker falls to death in Auckland. *International Transport Workers' Federation (ITF)*. 19 April 2022. Available from: <https://www.itfglobal.org/en/news/itf-urges-port-safety-inquiry-after-worker-falls-death-in-auckland> ITF President and ITF Dockers' Section chair, Paddy Crumlin, today expressed condolences on behalf of the global union federation and its hundreds of dockers' affiliates, to the family and workmates of a Maritime Union of New Zealand member who was killed working at the Ports of Auckland.

Xelo sinking: Defence Ministry reviews latest interventions. *Agence Tunis Afrique Presse (Tunisia)*. 21 April 2022. Available from: <https://www.tap.info.tn/en/Portal-Politics/15121208-xelo-sinking> The Ministry of National Defense has reviewed the latest interventions carried out to prevent marine pollution following the sinking of *Xelo*, a tanker loaded with 750 tonnes of diesel that sank Saturday off Gabes.

Cargo tank accident on Bahri tanker kills seafarer and injures another. Gary Dixon. *TradeWinds*. 22 April 2022. Available from: <https://www.tradewindsnews.com/casualties/cargo-tank-accident-on-bahri-tanker-kills-seafarer-and-injures-another/2-1-1204804> A seafarer has lost their life following an accident on a *Bahri* tanker off the Netherlands.

Unicorns and explosives: a burning ship off Victoria's coast hints at the dangerous secrets of cargo carriers. *The Narwhal (Canada)*. 25 April 2022. Available from: <https://thenarwhal.ca/bc-zim-kingston-dangerous-goods/> More than 100 sea cans were lost in B.C. waters after a storm wracked the *Zim Kingston* last fall.

Object ruled out as sunken Hokkaido boat after diver checks. *Kyodo News (Japan)*. 26 April 2022. Available from: <https://english.kyodonews.net/news/2022/04/fb6db6dcee90-sonar-shows-presence-of-sunken-vessels-amid-search-for-hokkaido-boat.html> Sonar readings have detected multiple objects on Tuesday in the search for the tour boat that disappeared off Hokkaido, with one near the scene already ruled out after diving investigations were curtailed by bad weather, the coast guard said.

P&O Ferries ship left stranded in Irish Sea for two hours after breakdown. Joanna Partridge. *The Guardian*. 26 April 2022. Available from: <https://www.theguardian.com/business/2022/apr/26/po-ferries-ship-left-stranded-in-irish-sea-for-two-hours-after-breakdown> A P&O Ferries passenger ship which operates between Scotland and Northern Ireland was stranded in the Irish Sea for two hours on Tuesday, after a mechanical failure.

Independent inquiry into port operations accidents at Lyttelton and Auckland. *New Zealand Transport Accident Investigation Commission (TAIC)*. 27 April 2022. Available from: <https://www.taic.org.nz/news/mo-2022-202-mo-2022-203-independent-inquiry-port-operations-accidents-lyttelton-and-auckland> The Transport Accident Investigation Commission (TAIC) is inquiring into the fatal accidents at Lyttelton Port and Ports of Auckland.

Government orders reviews into ports' operations after deaths. *Radio New Zealand*. 27 April 2022. Available from: <https://www.rnz.co.nz/news/political/466000/government-orders-reviews-into-ports-operations-after-deaths> Two deaths in the space of a week has prompted the government to order reviews of port operations across New Zealand.

Missing tourist boat found underwater off Hokkaido. *Kyodo News (Japan)*. 29 April 2022. Available from: <https://english.kyodonews.net/news/2022/04/29800f117f13-urgent-missing-tourist-boat-found-on-seabed-off-hokkaido.html> A tourist boat that went missing six days ago off Hokkaido was found underwater on Friday, the Japan Coast Guard said, as 12 of the 26 people aboard remained unaccounted for.

ENVIRONMENT

Live stream of virtual IPCC press conference releasing the report on mitigation of climate change, 3 p.m. GMT on 4 April 2022. *Intergovernmental Panel on Climate Change (IPCC).*

4 April 2022. Available from: <https://www.ipcc.ch/2022/04/01/live-stream-wgiii-ar6-pressconference/>

The Intergovernmental Panel on Climate Change (IPCC) will hold a virtual press conference to present the Summary for Policymakers of the report Climate Change 2022: Mitigation of Climate Change, subject to approval by the Panel. [IPCC Press Conference](#) 🗣️

Climate Change 2022: Mitigation of Climate Change Summary for Policymakers.

Intergovernmental Panel on Climate Change (IPCC). 4 April 2022. Available from:

<https://www.ipcc.ch/report/ar6/wg3/> The Working Group III report provides an updated global assessment of climate change mitigation progress and pledges, and examines the sources of global emissions. It explains developments in emission reduction and mitigation efforts, assessing the impact of national climate pledges in relation to long-term emissions goals. [Summary for Policymakers](#) 📄 [Technical Summary](#) 📄

UN climate report: It's 'now or never' to limit global warming to 1.5 degrees. *UN News.*

4 April 2022. Available from: <https://news.un.org/en/story/2022/04/1115452> Reacting to the latest findings of the Intergovernmental Panel on Climate Change (IPCC), the UN Secretary-General insisted that unless governments everywhere reassess their energy policies, the world will be uninhabitable.

Five takeaways from the IPCC's report on limiting dangerous global heating. Chloé Farand.

Climate Home News. 4 April 2022. Available from:

<https://www.climatechangenews.com/2022/04/04/five-takeaways-from-the-ipccs-report-on-limiting-dangerous-global-heating/> This is the last of three instalments of the Intergovernmental Panel on Climate Change's (IPCC) sixth assessment report.

UN oceans forum to chart course for 'Blue Deal' on economic recovery and sustainable growth. *United Nations Conference on Trade and Development (UNCTAD).* 4 April 2022. Available from:

<https://unctad.org/press-material/un-oceans-forum-chart-course-blue-deal-economic-recovery-and-sustainable-growth> Protecting our ocean and boosting its economic benefits demands a global trade, investment and innovation "Blue Deal" to create a sustainable and resilient ocean economy that benefits all.

Opinion: To Solve Climate Change, Dive Into the Power of the Ocean. Surangel S. Whipps and

John Kerry. *US Department of State.* 7 April 2022. Available from: <https://www.state.gov/dipnote-us-department-of-state-official-blog/opinion-to-solve-climate-change-dive-into-the-power-of-the-ocean/>

As governments around the world work to sustainably rebuild their economies in the wake of the COVID-19 pandemic, we would do well to remember that the ocean also holds as many opportunities for resilient low-carbon growth as can be found on land.

Oceans and their largest inhabitants could be the key to storing our carbon emissions.

David King and Jane Lichtenstein. *The Conversation.* 11 April 2022. Available from:

<https://theconversation.com/oceans-and-their-largest-inhabitants-could-be-the-key-to-storing-our-carbon-emissions-180901> While global governments have agreed to work towards limiting global temperature increase to 1.5°C, little in their behaviour suggests they are taking the challenge seriously, as emissions continue to rise year after year.

Emissions monitoring campaign kicks off over the Baltic Sea using specially equipped drones. *European Maritime Safety Agency (EMSA)*. 13 April 2022. Available from: <https://www.emsa.europa.eu/newsroom/press-releases/item/4682-emissions-monitoring-campaign-kicks-off-over-the-baltic-sea-using-specially-equipped-drones.html> Together with the Federal Maritime and Hydrographic Agency, the European Maritime Safety Agency (EMSA) is conducting a large-scale emissions monitoring campaign using remotely piloted aircraft, scheduled to begin later this month.

Battle over carbon capture as tool to fight climate change. Drew Costley. *Associated Press*. 14 April 2022. Available from: <https://apnews.com/article/climate-technology-science-business-louisiana-8e41ce52bcb66117ad97b58dffe3b607> In the latest report from the United Nations Intergovernmental Panel on Climate Change, the world's top scientists said carbon capture and storage technology has to be part of the range of solutions to decarbonize and mitigate climate change.

'Whup' and 'grumble' calls reveal secrets of humpback whales. *University of Exeter (UK)*. 21 April 2022. Available from: https://www.exeter.ac.uk/news/homepage/title_908304_en.html Scientists recorded sounds at the Vema Seamount in the Atlantic Ocean, hundreds of miles west of South Africa.

Torch Passed to Panama for Major Ocean Conference. *Global Fishing Watch*. 26 April 2022. Available from: <https://globalfishingwatch.org/news-views/torch-passed-to-panama-for-major-ocean-conference/> With the global ocean under unprecedented pressure from overfishing, climate change, pollution, and habitat destruction, this week leaders in government, business, and civil society gathered in Koror, Palau for the Our Ocean Conference, one of the world's leading forums to rally international support for marine conservation efforts.

OECS examines sustainable ocean economy. Santana Salmon. *Caribbean National Weekly*. 29 April 2022. Available from: <https://www.caribbeannationalweekly.com/business/oecs-examines-sustainable-ocean-economy/> The Organization of Eastern Caribbean States (OECS) has called for a shift to an integrated macro approach to climate adaptation and mitigation resilience measures for the maritime sector in the Eastern Caribbean region.

ENVIRONMENTAL POLLUTION

Marine plastic pollution - are nurdles a special case for regulation? Kim Jefferies and Thomas Maes. *Gard*. 4 April 2022. Available from: <https://www.gard.no/web/updates/content/33359358/marine-plastic-pollution-are-nurdles-a-special-case-for-regulation> The IMO Pollution Prevention and Response Sub-Committee (PPR) will meet on 4-8 April. Our authors discuss the cause and effect of nurdle spills and the specifics of the proposals on the agenda before the PPR.

Bellona Launches Clean Hull Initiative to Combat Scourge of Biofouling. *Ocean News*. 6 April 2022. Available from: <https://www.oceannews.com/news/science-and-tech/bellona-launches-clean-hull-initiative-to-combat-scourge-of-biofouling> Bellona put biofouling management center stage as it officially launched its Clean Hull Initiative (CHI) at the Nor-Shipping trade fair in Oslo.

Sanctions heighten uninsured oil spill risk, IOPC warns. David Osler. *Lloyd's List*. 12 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140491> Pervasive efforts to dodge restrictions imposed on sanctioned oil-exporting countries have left as much as 10% of oil moved by sea being carried by tankers without mainstream P&I cover, according to the new head of the compensation scheme that has to pick up the tab for any spills.

Sinking feeling: cruise ships chart return to Australia amid emissions concerns.

Royce Kurlmelovs. *The Guardian*. 16 April 2022. Available from:

<https://www.theguardian.com/environment/2022/apr/17/sinking-feeling-cruise-ships-chart-return-to-australia-amid-emissions-concerns> With pandemic disruption receding, will the industry's return and expansion lead to sustainable cruising – or more pollution?

How to save the planet from the largest vehicles on Earth. Umair Irfan. *Vox*. 21 April 2022.

Available from: <https://www.vox.com/recode/22973218> Container ships are major polluters and a tough challenge for the global climate.

No 'significant' harm from Galapagos diesel spill: reserve. *France 24*. 24 April 2022. Available from: <https://www.france24.com/en/live-news/20220424-no-significant-harm-from-galapagos-diesel-spill-reserve> A diesel spill off one of Ecuador's ecologically sensitive Galapagos islands caused no "significant" damage, the protected nature reserve said Sunday.

50,000+ people demand Ottawa stop cruise ship dumping. *Stand.earth*. 27 April 2022.

Available from: <https://www.stand.earth/latest/ocean-protection-shipping/canadian-shipping/50000-people-demand-ottawa-stop-cruise-ship> As the Port of Vancouver welcomed its first Alaska-bound cruise ship today since COVID-19 regulations were implemented, environmental advocates delivered a petition to the Fisheries and Oceans Canada office calling for an end to cruise ship dumping.

HEALTH & SAFETY

Columbia deploys team of Ukrainian psychologists to help seafarers and families. Gary Dixon. *TradeWinds*. 19 April 2022. Available from: <https://bit.ly/3zpDXuV> Giant ship manager Columbia Shipmanagement (CSM) has revealed a huge charitable drive to help seafarers and their families impacted by the war in Ukraine.

Ruby Princess Draws Attention with 253 COVID Cases in Five Weeks. *Maritime Executive*. 27 April 2022. Available from: <https://www.maritime-executive.com/article/ruby-princess-draws-attention-with-253-covid-cases-in-five-weeks> Princess Cruises ship the *Ruby Princess* is drawing the attention of health authorities and the media after reports of several recent cruises with passengers testing positive for the COVID-19 virus.

IMO

Flag states should cancel Russian vessel certificates if sanctions block payout, IMO rules.

David Osler. *Lloyd's List*. 31 March 2022. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1140369/Flag-states-should-cancel-Russian-vessel-certificates-if-sanctions-block-payout-IMO-rules> Flag states must ensure that Russian vessels certified for insurance or financial security purposes can still pay out despite the sanctions the country faces because of its invasion of Ukraine.

Critics push IMO's Lim to get up to speed on decarbonisation.

Yannick Guerry. *TradeWinds*. 4 April 2022. Available from: <https://www.tradewindsnews.com/news/critics-push-imo-s-lim-to-get-up-to-speed-on-decarbonisation/2-1-1196109> IMO secretary general Kitack Lim faced both diplomatic opposition and direct challenges from top industry and government speakers at an opening-day session of this year's long-delayed Nor-Shipping industry congress.

IPCC report takes veiled swipe at IMO.

Sam Chambers. *Splash 247.com*. 5 April 2022 Available from: <https://splash247.com/ipcc-report-takes-veiled-swipe-at-imo/> The United Nations' Intergovernmental Panel on Climate Change (IPCC) released yesterday its Working Group III report on the mitigation of climate change, a publication that might make for difficult reading at the London headquarters of another UN branch, namely the International Maritime Organization (IMO).

UN criticises 'insufficient' shipping climate change targets.

Michelle Wiese Bockmann. *Lloyd's List*. 5 April 2022. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1140411/> Current shipping decarbonisation goals are "insufficiently transformative" to meet climate change targets, a landmark United Nations paper concludes.

IMO secretary general Kitack Lim concerned about rise in Asian piracy incidents.

Jonathan Boonzaier. *TradeWinds*. 6 April 2022. Available from:

<https://www.tradewindsnews.com/casualties/imo-secretary-general-kitack-lim-concerned-about-rise-in-asian-piracy-incidents/2-1-1197249> Kitack Lim, secretary general of the International Maritime Organization (IMO), expressed his organisation's concern over the rise in robberies against ships transiting the Singapore Strait.

UN Shipping Body IMO Fails On Black Carbon, Lives Up To Reputation For Climate Inaction.

Clean Arctic Alliance. 7 April 2022. Available from: <https://cleanarctic.org/2022/04/07/un-shipping-body-imo-fails-on-black-carbon-lives-up-to-reputation-for-climate-inaction/> A week that opened with UN Secretary-General Antonio Guterres lambasting governments and industry for their climate inaction, and the IPCC's Climate Mitigation report criticising the poor climate governance of international shipping, is set to close with the UN's shipping agency, the IMO, again kicking climate concerns into the long grass, by failing to reduce the climate impacts on the Arctic from the black carbon emissions responsible for 20% of shipping's climate impact, said the Clean Arctic Alliance today.

ASA again issues plea to China to ratify Hong Kong Convention.

Michael Grinter. *Hong Kong Maritime Hub*. 12 April 2022. Available from: <http://www.hongkongmaritimehub.com/asa-again-issues-plea-to-china-to-ratify-hong-kong-convention/> In the latest instalment of a concerted campaign, the Asian Shipowners Association has again called upon China to ratify the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships (the Hong Kong Convention).

IMO urged to act on sexual assault and harassment at sea. Adam Corbett. *TradeWinds*. 13 April 2022. Available from: <https://www.tradewindsnews.com/esg/imo-urged-to-act-on-sexual-assault-and-harassment-at-sea/2-1-1201902> The International Maritime Organization is being urged to take measures to end the growing problem of sexual harassment and bullying at sea.

The IMO must now lead if it is to prove the doubters wrong. Terry Macalister. *TradeWinds*. 13 April 2022. Available from: <https://www.tradewindsnews.com/opinion/the-imo-must-now-lead-if-it-is-to-prove-the-doubters-wrong/2-1-1201402> Investors were told this week to steer clear of those shipowners who do not disclose their CO2 footprint as a first step towards decarbonisation.

Researcher Sees IMO 2020 Indirectly Causing 323 Million MT/Year CO2 Emissions Increase. *Ship & Bunker*. 18 April 2022. Available from: <https://shipandbunker.com/news/world/119630> The IMO 2020 transition may have indirectly led to an increase in global CO2 output of as much as 323 million mt/year, or almost a third of the shipping industry's carbon footprint, according to a recently published paper.

China submits its own shipping GHG plans to the IMO. Sam Chambers. *Splash 247.com*. 20 April 2022. Available from: <https://splash247.com/china-submits-its-own-shipping-ghg-plans-to-the-imo/> A new market-based measure to cut shipping emissions has been put forward to the International Maritime Organization (IMO) by a powerful grouping led by China and supported by Argentina, Brazil, South Africa and the United Arab Emirates.

IMO: It's time we all deliver! Sanne Henriksen. *Maersk*. 20 April 2022. Available from: <https://www.maersk.com/news/articles/2022/04/20/imo-its-time-we-all-deliver> Before starting my second maternity leave with a hectic schedule of supplying baby essentials, I wanted to share some personal hopes and reflections on the important year ahead for the IMO, the Albert Embankment UN institution in London where I have spent so many hours, and in a strange way have really missed.

EU, US, UK among growing host of nations demanding IMO revises targets to ensure shipping is GHG-free by 2050. Sam Chambers. *Splash 247.com*. 21 April 2022. Available from: <https://splash247.com/eu-us-uk-among-growing-host-of-nations-demanding-imo-revises-targets-to-ensure-shipping-is-ghg-free-by-2050/> Submissions are flying in ahead of the June meet-up of the Marine Environment Protection Committee (MEPC) at the London headquarters of the International Maritime Organization (IMO) with an increasing swathe of western democracies demanding that the IMO ups its green targets to ensure all greenhouse gas emissions from shipping are phased out by 2050 rather than the existing target of a 50% cut from a 2008 baseline.

MOWCA to strengthen relationship with IMO, others. *Nigerian Tribune*. 21 April 2022. Available from: <https://tribuneonline.ng/mowca-to-strengthen-relationship-with-imo-others/> Dr. Paul Adalikwu, Secretary General of Maritime Organisation of West and Central Africa (MOWCA) has assured of a strengthened relationship between the Organisation and other international, multilateral bodies sharing similar objectives.

Getting to grips with IMO's cyber resolution. *Naval Architect*. 21 April 2022. Available from: https://www.rina.org.uk/Getting_to_grips_with_IMOs_cyber_resolution.html With the introduction of MSC.428(98), Maritime Cyber Risk Management in Safety Management Systems at the start of 2021, IMO mandated that member states should take into account cyber protection and safeguards for every vessel over 500 gt, consistent with the requirements of the ISM Code and reflective of the reality that most modern ships are, to or greater or lesser extent, connected.

EU members push IMO over green fuel standard. Declan Bush. *Lloyd's List*. 21 April 2022. Available from: <https://lloydlist.maritimeintelligence.informa.com/LL1140567> European Union member states have renewed their push for the International Maritime Organization to set a greenhouse gas fuel standard, warning decarbonisation cannot happen without one.

LAW & POLICY

Nautilus statement on UK government package of measures on P&O Ferries. *Nautilus International*. 30 March 2022. Available from: <https://www.nautilusint.org/en/news-insight/news/nautilus-statement-on-uk-government-package-of-measures-on-p-and-o-ferries/> The Secretary of State for Transport has today laid out the initial government response to the disgraceful decision by P&O Ferries to dismiss 800 seafarers without notice or consultation.

Blue Economy Vision launch. *Government of Scotland*. 31 March 2022. Available from: <https://www.gov.scot/news/blue-economy-vision-launch/> Scotland's ambition for a world-leading 'Blue Economy' has been set out in a vision document. [Blue Economy - Vision for Scotland](#)

Getting to net zero: New policy insights on the role of carbon management strategies. Natasha Vidangos. *Environmental Defense Fund (EDF)*. 31 March 2022. Available from: <http://blogs.edf.org/climate411/2022/03/31/getting-to-net-zero-new-policy-insights-on-the-role-of-carbon-management-strategies/> This summary for policymakers, based on new modelling from Evolved Energy Research, shares insights on the potential role of carbon removal and carbon capture strategies in reaching net-zero emissions in the U.S.

Briefing: Sustainable maritime fuels - "Fit for 55" package: The FuelEU Maritime proposal. Marketa Pape. *European Parliamentary Research Service (EPRS)*. April 2022. Available from: <https://bit.ly/3zqJRfo> 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.

Cocaine seizure at sea the result of global intelligence networks, AFP says. *ABC (Australia)*. 1 April 2022. Available from: <https://www.abc.net.au/news/2022-04-01/afp-details-drug-cocaine-seizure-in-yorke-peninsula/100957610> The Australian Federal Police said the seizure of more than 400 kilograms of drugs from SA waters would likely lead to "payback" in the criminal underworld, and is warning of further arrests.

Bipartisan bill to address supply chain kinks moves closer to the president's desk. Claudia Grisales. *National Public Radio (US)*. 1 April 2022. Available from: <https://www.npr.org/2022/04/01/1090313383/bipartisan-bill-to-address-supply-chain-kinks-moves-closer-to-the-presidents-des?t=1651759813290> Bipartisan legislation that aims to help tackle supply chain woes that have wreaked havoc on the U.S. economy is inching closer to President Biden's desk.

Maintaining Vibrant National Economy Requires Attention To The Maritime Sector. Morkporkpor Anku. *Ghana News Agency*. 1 April 2022. Available from: <https://www.gna.org.gh/1.21446758> Dr. Jethro Brooks Junior, Acting Vice Chancellor of the Regional Maritime University has underscored the importance of the maritime sector and its related activities to the social and economic development of a country.

Seabed regulator accused of deciding deep sea's future 'behind closed doors'.

Karen McVeigh. *The Guardian*. 1 April 2022. Available from:

<https://www.theguardian.com/environment/2022/apr/01/worlds-seabed-regulator-accused-of-reckless-failings-over-deep-sea-mining> The UN-affiliated organisation that oversees deep-sea mining, a controversial new industry, has been accused of failings of transparency after an independent body responsible for reporting on negotiations was kicked out. [The race to mine the deep sea](#) 

UAE, Israel sign agreement to enhance maritime transport. *Gulf News (UAE)*. 3 April 2022.

Available from: <https://gulfnews.com/business/uae-israel-sign-agreement-to-enhance-maritime-transport-1.86932345> The UAE and Israel have signed an agreement in maritime transport, it was announced on Sunday.

Russian Ships Switch Flags at Record Rate on Sanctions Scrutiny. K. Oanh Ha. *Bloomberg*.

3 April 2022. Available from: <https://www.bnnbloomberg.ca/russian-ships-switch-flags-at-record-rate-on-sanctions-scrutiny-1.1747093> Many more Russian-flagged vessels than usual switched their flags to other countries in March, possibly to conceal their ties to Moscow and avoid being caught up in sanctions over the invasion of Ukraine, according to maritime consultancy Windward Ltd.

The Government of Canada and industry announce new environmental measures for cruise ships. *Government of Canada*. 4 April 2022. Available from: <https://bit.ly/3MqfyrX>

As Canada welcomes cruise ships back to its waters, the Government of Canada, in coordination with industry, announces new environmental measures for cruise ships in Canadian waters that exceed international standards.

Ocean dumping regulations welcomed, but not enough to keep cruise ships from treating Canada's coastline like their personal toilet bowl. *Stand.earth*. 4 April 2022. Available from:

<https://www.stand.earth/latest/ocean-protection-shipping/canadian-shipping/ocean-dumping-regulations-welcomed-not-enough> Transport Canada announced today that it will improve regulation on greywater and sewage pollution, a welcomed first step for better protecting Canada's oceans, but not nearly enough to prevent cruise ships from treating the British Columbia coastline as its personal toilet bowl.

High seas have become 'safe haven' for labor abuse, illegal fishing: study. *The Hill (US)*.

4 April 2022. Available from: <https://thehill.com/policy/equilibrium-sustainability/3259348-high-seas-have-become-safe-haven-for-labor-abuse-illegal-fishing-study/> Coastal regions off West Africa, the mid-Atlantic near Portugal and waters off Peru are the riskiest spots for illegal fishing and labor abuse, with most occurring aboard vessels registered to China and other countries with poor anti-corruption oversight, a new study has found.

UNDP, UWI discuss blue economy. Clint Chan Tack. *Newsday (Trinidad and Tobago)*.

5 April 2022. Available from: <https://newsday.co.tt/2022/04/05/undp-uwi-discuss-blue-economy/> The blue economy offers opportunities for growth in places such as the Caribbean.

President Biden Nominates Admiral Linda Fagan to Lead Coast Guard. Mike Schuler. *gCaptain*.

5 April 2022. Available from: <https://gcaptain.com/president-biden-nominates-admiral-fagan-to-lead-coast-guard/> With confirmation, Admiral Fagan will become the first woman to lead a branch of the U.S. Armed Services.

Marina forms multisectoral council for maritime programs. Genivi Verdejo. *Manila Times*. 6 April 2022. Available from: <https://www.manilatimes.net/2022/04/06/business/maritime/marina-forms-multisectoral-council-for-maritime-programs/1839015> The Maritime Industry Authority (Marina) has established the Multi-Sector Governance Council to ensure the implementation of the Marina Strategic Voyage Plan 2028 and the 10-year Maritime Industry Development Plan.

Transforming the vision, shifting direction. Brenda V. Pimentel. *Manila Times*. 6 April 2022. Available from: <https://www.manilatimes.net/2022/04/06/business/maritime/transforming-the-vision-shifting-direction/1839009> The maritime vision for the maritime industry in the 1970s up to the 1980s was shaped by the pathetic state of maritime transport in the country, which even during that time took pride in being an archipelago.

Protecting law and order at sea means educating people on their rights. Jay Batongbacal. *Lowy Institute (Australia)*. 6 April 2022. Available from: <https://www.lowyinstitute.org/the-interpreter/protecting-law-and-order-sea-means-educating-people-their-rights> In recent years, the rise of illegal, unreported, and unregulated fishing activities, transnational organised crime at sea, expansion of terrorist networks and activities by sea, and increasingly belligerent assertions of unilateral maritime claims have prompted coastal states in the East Asian region to strengthen efforts to establish and maintain law and order at sea to pursue their national security.

Maritime Transport Sector Need Support. *Loop Pacific*. 6 April 2022. Available from: <https://www.looppng.com/png-news/maritime-transport-sector-need-support-111268> The PNG Seafarers Association has called on the Government to consider enacting a Maritime Ministry that can prioritize the operation of the industry.

Abuja MoU to train West, Central Africa maritime administration heads. *Ships & Ports*. 8 April 2022. Available from: <https://shipsandports.com.ng/abuja-mou-to-train-west-central-africa-maritime-administration-heads/> The Abuja Memorandum of Understanding on Port State Control said it is set to train 21 heads of maritime administrations in the West and Central African countries.

Question and answers on the fifth package of restrictive measures against Russia. *European Commission*. 8 April 2022. Available from: https://ec.europa.eu/commission/presscorner/detail/en/qanda_22_2333 It is important to sustain utmost pressure on Putin and the Russian government at this critical point.

Iran's IRGC seizes foreign ship smuggling fuel in Persian Gulf, arrests entire crew. *Press TV (Iran)*. 10 April 2022. Available from: <https://www.presstv.ir/Detail/2022/04/10/680058/IRGC-foreign-tanker-vessel-fuel-smuggling-Persian-Gulf> Iran's Islamic Revolution Guards Corps (IRGC) has confiscated a foreign vessel smuggling thousands of liters of fuel in the Persian Gulf region and arrested the entire crew members, a senior Iranian Judiciary official says.

Nautilus seeks clarity on Russian sanctions. *Nautilus International*. 11 April 2022. Available from: <https://www.nautilusint.org/en/news-insight/news/nautilus-seeks-clarity-on-russian-sanctions/> Nautilus International is seeking clarity from the Maritime & Coastguard Agency and Department for Transport on how members are affected by sanctions rules covering Russian-linked vessels, including superyachts.

WTO Secretariat note examines impact of the crisis in Ukraine on global trade and development. *World Trade Organization (WTO)*. 11 April 2022. Available from: https://www.wto.org/english/news_e/news22_e/devel_08apr22_e.htm The war in Ukraine has not only created a humanitarian crisis of immense proportions but has also dealt a severe blow to the global economy, circumstances which the WTO Secretariat has analysed in a note issued on 11 April that looks into the implications for global trade and development. [The Crisis in Ukraine](#)

Oceana Analysis Finds U.S. Falls Short on Transparency at Sea. *Oceana*. 12 April 2022. Available from: <https://usa.oceana.org/press-releases/oceana-analysis-finds-u-s-falls-short-on-transparency-at-sea/> Oceana released a new analysis today finding that the United States' requirements for transparency of fishing vessels fall short of other countries' requirements, including the European Union. [Report](#)

Malta: a maritime jurisdiction. Daniel-Luc Farrugia. *Times of Malta*. 13 April 2022. Available from: <https://timesofmalta.com/articles/view/malta-a-maritime-jurisdiction-daniel-luc-farrugia.947842> Court specialisation is traditionally contemplated to correspond to crucial reform initiatives in order to trigger progress and development of judicial systems.

Green Deal: EU announces €1 billion worth of commitments to protect the ocean. *European Commission*. 14 April 2022. Available from: https://ec.europa.eu/commission/presscorner/detail/en/IP_22_2398 Today, at the Our Ocean Conference in Palau, the EU has renewed its pledges towards international Ocean governance.

A gold rush in the deep sea raises questions about the authority charged with protecting it. Todd Woody and Evan Halper. *Los Angeles Times*. 19 April 2022. Available from: <https://www.latimes.com/politics/story/2022-04-19/gold-rush-in-the-deep-sea-raises-questions-about-international-seabed-authority> The mining company would send large robots to explore the bottom of the ocean and harvest minerals, millions of years old, that could be used to make electric car batteries.

New Marine Highway Route, Two New Marine Highway Designations, and A Project Designation Extension Support Supply Chain Resiliency. *US Maritime Administration (MARAD)*. 19 April 2022. Available from: <https://www.maritime.dot.gov/newsroom/new-marine-highway-route-two-new-marine-highway-designations-and-project-designation> The U.S. Department of Transportation's Maritime Administration (MARAD) today announced the designation of a new Marine Highway Route, two new Marine Highway Projects, and one Project Designation Extension as part of the America's Marine Highway Program (AMHP).

War Dims Global Economic Outlook as Inflation Accelerates. *International Monetary Fund (IMF)*. 19 April 2022. Available from: <https://blogs.imf.org/2022/04/19/war-dims-global-economic-outlook-as-inflation-accelerates/> Global economic prospects have been severely set back, largely because of Russia's invasion of Ukraine.

Not the smoothest of handovers. Michael Grey. *Seatrade Maritime News*. 19 April 2022. Available from: <https://www.seatrade-maritime.com/opinions-analysis/not-smoothest-handovers> As a number of P&O Ferries vessels remain under detention Michael Grey explains why the process of changing crews has proved considerably more difficult than management seemed to anticipate.

Marina sets roadmap to protect marine environment. Genivi Verdejo. *Manila Times*. 20 April 2022. Available from: <https://www.manilatimes.net/2022/04/20/business/maritime/marina-sets-roadmap-to-protect-marine-environment/1840523> The Maritime Industry Authority (Marina) has set the roadmap for the country's implementation of the marine environment protection Conventions such as biodiversity and biofouling.

Unlocking the potential of the oceans economy. *South African Government News Agency*. 20 April 2022. Available from: <https://www.sanews.gov.za/south-africa/unlocking-potential-oceans-economy> As part of efforts to unlock the potential of the oceans economy and drive transformation in an aggressive way, government has prioritised the acceleration of interventions in the maritime sector.

World Court orders Colombia to cease activities in Nicaraguan maritime zone. Stephanie van den Berg. *Reuters*. 21 April 2022. Available from: <https://www.reuters.com/world/americas/world-court-rules-colombia-must-cease-activities-nicaraguan-maritime-zone-2022-04-21/> Judges at the International Court of Justice ruled on Thursday that Colombia must "immediately cease" patrolling and trying to control fishing in parts of the Caribbean that the ICJ said are within Nicaragua's exclusive economic zone.

Judgment: Alleged violations of sovereign rights and maritime spaces in the Caribbean Sea (Nicaragua v. Colombia). *International Court of Justice (ICJ)*. 21 April 2022. Available from: <https://www.icj-cij.org/public/files/case-related/155/155-20220421-JUD-01-00-EN.pdf> The Court's 2012 Judgment in Territorial and Maritime Dispute (Nicaragua v. Colombia) case delimited the Parties' continental shelf and exclusive economic zone up to 200-nautical-mile limit - Eastern endpoints could not be determined as Nicaragua had not notified location of baselines-Composition of San Andrés Archipelago.

Biden bans Russian ships from U.S. ports over Ukraine invasion. David Shepardson. *Reuters*. 21 April 2022. Available from: <https://www.reuters.com/world/us/biden-ban-russian-affiliated-ships-us-ports-sources-2022-04-21/> President Joe Biden announced on Thursday the United States will ban Russian-affiliated ships from American ports, joining Canada and European nations in the latest step to pressure Russia over its invasion of Ukraine.

A Proclamation on the Declaration of National Emergency and Invocation of Emergency Authority Relating to the Regulation of the Anchorage and Movement of Russian-Affiliated Vessels to United States Ports. *The White House*. 21 April 2022. Available from: <https://bit.ly/3mrOgXN> The policies and actions of the Government of the Russian Federation to continue the premeditated, unjustified, unprovoked, and brutal war against Ukraine constitute a national emergency by reason of a disturbance or threatened disturbance of international relations of the United States.

Six Drug Smugglers Arrested Posing as Cruise Passengers. *Maritime Executive*. 22 April 2022. Available from: <https://maritime-executive.com/article/six-drug-smugglers-arrested-posing-as-cruise-passengers> For the second time in weeks, Brazilian drug smugglers posing as cruise passengers were arrested while attempting to transport cocaine between Brazil and Europe.

Kenya names envoy for blue economy. Aggrey Mutambo. *East African (Kenya)*. 22 April 2022. Available from: <https://www.theeastafrican.co.ke/tea/news/east-africa/kenya-names-envoy-for-blue-economy-3791290> Kenya on Friday named a special envoy for maritime and blue economy affairs, indicating renewed focus on an area official initially ignored.

FMC Initiative Examining How Ocean Carriers Serve Export Shippers. *US Federal Maritime Commission (FMC)*. 22 April 2022. Available from: <https://www.fmc.gov/fmc-initiative-examining-how-ocean-carriers-serve-export-shippers/> Federal Maritime Commission staff have moved expeditiously in meeting the March 2022 directive of Chairman Daniel B. Maffei to examine how key ocean carriers are serving U.S. export shippers.

Iran Guards seize foreign ship in Gulf for smuggling fuel, Fars reports. Parisa Hafezi. *Reuters*. 24 April 2022. Available from: <https://www.reuters.com/world/middle-east/iran-guards-seize-foreign-ship-gulf-smuggling-fuel-fars-2022-04-24/> Iran's elite Revolutionary Guards have seized a foreign vessel in the Gulf for smuggling 200,000 litres of fuel, a senior Guards commander told the semi-official Fars news agency on Sunday.

Singapore-flag tonnage tax discounts for green vessels. Marcus Hand. *Seatrade Maritime News*. 25 April 2022. Available from: <https://www.seatrade-maritime.com/sustainability-green-technology/singapore-flag-tonnage-tax-discounts-green-vessels> Singapore-flagged vessels with engines capable of using LNG and other low carbon fuels will enjoy a 50% reduction in annual tonnage tax.

Global Transport's Role, Demand Lessen Climate Vulnerability. *Fitch Ratings*. 25 April 2022. Available from: <https://www.fitchratings.com/research/corporate-finance/global-transport-role-demand-lessen-climate-vulnerability-25-04-2022> Transportation sectors are fundamental to the world economy.

Gard shuts the door on sanctioned Sovcomflot as well. Idha Toft Valeur. *ShippingWatch*. 25 April 2022. Available from: <https://shippingwatch.com/suppliers/article13951284.ece> The world's largest marine insurer ends its client relationship with Russian Sovcomflot after the carrier was put on the sanctions list.

P&O Ferries hits back at staff pay cut claim. Michael Race and Simon Browning. *BBC News*. 25 April 2022. Available from: <https://www.bbc.com/news/business-61216840> P&O Ferries has hit back at claims that it tried to get its new cheaper agency staff to accept even lower wages.

Compensation adds to Singapore bunker contamination row. *Argus Media*. 27 April 2022. Available from: <https://www.argusmedia.com/en/news/2325797-compensation-adds-to-singapore-bunker-contamination-row?backToResults=true&selectedMarket=Oil%20products> Singapore's Maritime and Port Authority (MPA) on 13 April named trading firm Glencore as the initial supplier of the contaminated HSFO in Singapore, the world's largest bunkering hub.

Kenya, Norway partner in sustainable blue economy exploitation. *Kenya Broadcasting Corporation (KBC)*. 27 April 2022. Available from: <https://www.kbc.co.ke/kenya-norway-partner-in-sustainable-blue-economy-exploitation/> Scientists from the Kenya Marine and Fisheries Research Institute (KEMFRI) estimate that with proper investments, the country could benefit from 150,000 to 300,000 metric tons of fish available in the EEZ annually.

The Republic of the Marshall Islands becomes first Pacific island nation to publish fishing activity to Global Fishing Watch Map. *Global Fishing Watch*. 27 April 2022. Available from: <https://globalfishingwatch.org/press-release/rmi-to-publish-fishing-activity-to-gfw-map/> The Republic of the Marshall Islands has committed to sharing its vessel monitoring data on Global Fishing Watch's public map, bolstering ocean governance and promoting compliance throughout some of the world's richest fishing grounds.

US-ASEAN Summit opens up UNCLOS ratification issue. James Borton. *Asia Times*. 27 April 2022. Available from: <https://asiatimes.com/2022/04/us-asean-summit-opens-up-unclos-ratification-issue/> When President Joe Biden and his White House welcome Southeast Asian leaders on May 12 for the start of a two-day US-ASEAN Summit, it is worth noting that they will be commemorating a 45th anniversary of this relationship, one that validates the administration's Indo-Pacific Strategy as well as charting the future direction of the US with ASEAN's 10 member states.

Revealed: EU border agency involved in hundreds of refugee pushbacks. Katy Fallon. *The Guardian*. 28 April 2022. Available from: <https://www.theguardian.com/global-development/2022/apr/28/revealed-eu-border-agency-involved-in-hundreds-of-refugee-pushbacks> The EU's border agency has been involved in the pushbacks of at least 957 asylum seekers in the Aegean Sea between March 2020 and September 2021, according to a new investigation.

MARINE TECHNOLOGY

Shipping eyes biofuels on route to decarbonisation, shares Infineum expert. Rob Ashton. *Manifold Times (Singapore)*. 31 March 2022. Available from: <https://www.manifoldtimes.com/news/shipping-eyes-biofuels-on-route-to-decarbonisation-shares-infineum-expert/> The marine industry is ramping up activities to decarbonise in a concerted effort to slow down the harmful effects of greenhouse gas (GHG) emissions with respect to climate change.

Shipping on 'learning curve' in using ammonia as bunker fuel. Michael Juliano. *TradeWinds*. 31 March 2022. Available from: <https://www.tradewindsnews.com/business-focus/shipping-on-learning-curve-in-using-ammonia-as-bunker-fuel/2-1-1177844> Maritime is certainly targeting green ammonia as a future fuel to meet decarbonisation goals, but regulators say many unknowns still linger.

One Sea Whitepaper Offers Route Forward for Developing Rules for MASS. *One Sea*. 31 March 2022. Available from: <https://www.oneseaecosystem.net/defining-the-levels-of-automation-one-sea-whitepaper-offers-route-forward-for-developing-rules-for-mass/> The new whitepaper calls for urgency in developing common terms of reference covering autonomous and highly automated ship operations that can be used across the maritime industry. [Autonomous Ships Terms of Reference for Rule Development](#) 

Electronic certification for its ships and seafarers - 234/2022. *Government of Gibraltar*. 1 April 2022. Available from: <https://www.gibraltar.gov.gi/press-releases/electronic-certification-for-its-ships-and-seafarers-2342022-7836> In line with HM Government of Gibraltar's policy on digitalisation, the Gibraltar Maritime Administration (GMA) will be introducing electronic certification for its ships and seafarers as from the 4th April 2022.

How digitalisation can create a more agile, secure and cost-effective maritime industry. *Business Times (Singapore)*. 4 April 2022. Available from: <https://www.businesstimes.com.sg/transport/how-digitalisation-can-create-a-more-agile-secure-and-cost-effective-maritime-industry> As technology touches more and more aspects of daily life and work, digitalising systems and streamlining processes have become a necessity for ensuring that shipping keeps pace with fast-changing times.

Impact of digital technology on maritime sustainability explored in Inmarsat and Thetius decarbonisation report. *Inmarsat*. 4 April 2022. Available from:

<https://www.inmarsat.com/en/news/latest-news/maritime/2022/impact-of-digital-technology-on-maritime-sustainability-explored.html>

Inmarsat, the world leader in global, mobile satellite communications, has published a new decarbonisation report exploring the impact digital technology can make on shipping's greenhouse gas (GHG) emissions.

DNV to lead Nordic Roadmap partnership for zero-carbon ship fuels. *DNV*. 6 April 2022.

Available from: <https://www.dnv.com/news/dnv-to-lead-nordic-roadmap-partnership-for-zero-carbon-ship-fuels-223169> The Nordic Roadmap was launched at the Ministry of Climate and Environment, in Oslo.

The Europeans rush in as Singapore positions itself as an innovation hub. Nick Savvides.

The Loadstar. 7 April 2022. Available from: <https://theloadstar.com/the-europeans-rush-in-as-singapore-positions-itself-as-an-innovation-hub/> The International Maritime Organization and Maritime and Port Authority of Singapore (MPA) yesterday jointly launched NextGEN Connect, at the IMO-Singapore Future of Shipping conference.

“K” LINE’s Participation in Joint Study to Explore Ammonia as Marine Fuel in Singapore.

Kawasaki Kisen Kaisha, Ltd (“K” LINE). 7 April 2022. Available from:

https://www.kline.co.jp/en/news/Liquefied_gas/Liquefied_gas6120777980624874035/main/0/link/220406EN.pdf

Kawasaki Kisen Kaisha, Ltd. is pleased to announce that, effective as from today, we have participate in the feasibility study jointly conducted since March 2021 by and among A.P. Moller - Maersk, Fleet Management Limited, Keppel Offshore & Marine, Maersk Mc-Kinney Moller Center for Zero Carbon Shipping, Sumitomo Corporation, and American Bureau of Shipping, with the aim to establish a ship-to-ship based ammonia bunkering at the Port of Singapore, the largest bunkering port in the world.

Central EU negotiator to give shipping time for wide-scale fuel reorganization. Peter Thomsen.

ShippingWatch. 12 April 2022. Available from:

<https://shippingwatch.com/regulation/article13917369.ece> When ships in European waters in the future increase the share of green fuel, it must take place at an ambitious, yet controlled speed.

The MOL Group and The Trafigura Group sign a MOU to establish a biodiesel fuel supply system and conducts a successful sea trial. *Mitsui O.S.K. Lines (MOL)*. 19 April 2022.

Available from: <https://www.mol.co.jp/en/pr/2022/22053.html> Mitsui O.S.K. Lines, Ltd., its wholly-owned company MOL Chemical Tankers Pte. Ltd. (MOLCT), leading commodity trading company Trafigura Pte Ltd., and its vessel fuel supply joint-venture company TFG Marine Pte Ltd, have signed a Memorandum of Understanding (MOU) this month.

Government commits \$27m for electric ferries in Auckland. Adam Jacobson.

Stuff (New Zealand). 26 April 2022. Available from: <https://www.stuff.co.nz/environment/climate-news/128452777/government-commits-27m-for-electric-ferries-in-auckland>

The Government has confirmed Auckland will receive its first electric ferries by 2024.

San Francisco ferry becomes world's first to run on hydrogen fuel cells. Matt Mcknight.

World Economic Forum. 26 April 2022. Available from:

<https://www.weforum.org/agenda/2022/04/hydrogen-powered-ferry-prepares-to-launch-in-san-francisco-bay/> The aptly named *Sea Change* will be powered completely by hydrogen fuel cells.

Hapag-Lloyd first mover in equipping all containers with real-time tracking devices.

Hapag-Lloyd. 26 April 2022. Available from: <https://bit.ly/3zlG4ju> After successfully introducing real-time monitoring for its reefer container fleet in 2019 with the IoT product Hapag-Lloyd LIVE, the company will start to install newly developed devices to all standard containers of its three million TEU fleet.

World's first pure battery bunker tanker "Asahi" completes first car carrier refuelling op.

Manifold Times (Singapore). 28 April 2022. Available from: <https://www.manifoldtimes.com/news/worlds-first-pure-battery-bunker-tanker-asahi-completes-first-car-carrier-refuelling-op/> Mitsui O.S.K. Lines, Ltd. and Asahi Tanker Co., Ltd. on Wednesday (27 April) said bunkering vessel *Asahi* — the world's first pure battery tanker to operate completely on electricity — delivered marine fuel to the MOL-operated car carrier *Victorious Ace* at the Daikoku Pier C-1 Wharf in Yokohama on 26 April.

Managing risks in a sea of change: The marine industry's transition to biofuels.

Jarek Klimczak. *Seatrade Maritime News*. 29 April 2022. Available from: <https://www.seatrade-maritime.com/opinions-analysis/managing-risks-sea-change-marine-industrys-transition-biofuels> Many countries and companies are following the emissions targets set by the Paris Agreement.

MARITIME EDUCATION & TRAINING

GPHA urges females to partake in Maritime courses. Murinatu Zanzeh Adams. *Ghana News Agency*. 4 April 2022. Available from: <https://www.gna.org.gh/1.21447171> Mrs Florence Essel, Assistant General Manager in Charge of Administration, Ghana Ports and Harbour Authority has sounded the alarm trumpet to encourage more females to partake in maritime courses to operate equally within a male-dominated field.

WMU Partners in Developing IMO E-Learning Portfolio. *World Maritime University (WMU)*. 11 April 2022. Available from: <https://www.wmu.se/news/wmu-partners-in-developing-imo-e-learning-portfolio> On 7 April, the International Maritime Organization launched the first open access course in their e-learning portfolio with "An Introduction to Oil Pollution Preparedness, Response and Cooperation" developed in collaboration with the World Maritime University.

UAE, Brunei Darussalam collaborate to enhance training, assessment of seafarers.

Hazem Hussein and Mohd Aamir. *Emirates News Agency (UAE)*. 12 April 2022. Available from: <https://www.wam.ae/en/details/1395303038709> The UAE Ministry of Energy and Infrastructure signed a Memorandum of Understanding (MoU) with the Maritime and Port Authority of Brunei Darussalam, for a period of five years, in order to ensure improved training for seafarers, and recognition of certificates by both the parties.

New maritime autonomy research centre to focus on human element. *Nautilus International*.

12 April 2022. Available from: <https://www.nautilusint.org/en/news-insight/news/new-maritime-autonomy-research-centre-to-focus-on-human-element/> Solent University has established a new Warsash MASS Research Centre (WMRC) in a bid to become a centre of excellence in the field of maritime automation.

Peel Ports partners with Innovate Her to encourage inclusion and promote STEM subjects to Liverpool students. *All About Shipping*. 13 April 2022. Available from: <https://allaboutshipping.co.uk/2022/04/13/peel-ports-partners-with-innovate-her-to-encourage-inclusion-and-promote-stem-subjects-to-liverpool-students/> The national port operator has pledged its support to the organisation after recognising that the maritime sector must become more inclusive and support greater gender diversity.

NIMASA committed to Nigerian Maritime University development. -Jamoh. Osagie Edward. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 17 April 2022. Available from: <https://nimasa.gov.ng/nimasa-committed-to-nigerian-maritime-university-development-jamoh/> The Director General of the Nigerian Maritime Administration and Safety Agency, NIMASA, Dr. Bashir Jamoh has restated the Agency's commitment to development of the Nigerian Maritime University, (NMU) Okerenkoko Delta State.

ISMI holds regional cooperation training on maritime safety, security in the Gulf of Guinea on April 25. *Modern Ghana*. 22 April 2022. Available from: <https://www.modernghana.com/news/1153648/ismi-holds-regional-cooperation-training-on-mariti.html> The Interregional Maritime Security Institute (ISMI) will on April 25, 2022, commence its regional cooperation programme on maritime safety and security in the Gulf of Guinea.

MARITIME SAFETY

Experts warn Black Sea mines pose serious maritime threat. Jan D. Walter and Elmas Topcu. *Deutsche Welle (Germany)*. 2 April 2022. Available from: <https://www.dw.com/en/experts-warn-black-sea-mines-pose-serious-maritime-threat/a-61334599> Since last weekend, the Turkish navy has detected and defused several drifting naval or sea mines.

Car carrier firms start to turn away used EVs in wake of spate of serious fires. Sam Chambers. *Splash 247.com*. 5 April 2022. Available from: <https://splash247.com/car-carrier-firms-start-to-turn-away-used-evs-in-wake-of-spate-of-serious-fires/> Shipping operators are turning away transporting risky used electric vehicles (EVs) in greater numbers.

Drifting mines threaten seafarers' safe passage in Black Sea. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 6 April 2022. Available from: <https://www.seafarerswelfare.org/news/2022/driftng-mines-threaten-seafarers-safe-passage-in-black-sea> International maritime employers and unions are urging governments to significantly increase efforts to ensure safe and secure passage for vessels following reports of mines drifting in the Black Sea.

An engine room fire made master mariner Jaquelyn rethink her career at sea. Idha Toft Valeur. *ShippingWatch*. 8 April 2022. Available from: <https://shippingwatch.com/carriers/article13728128.ece> Jaquelyn Burton wanted to sail the world and work at sea, and so she did for many years until she experienced a terrible fire in an engine room as chief mate.

Tick-box culture won't reduce accidents, says safety expert. Richard Clayton. *Lloyd's List*. 12 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140485/> It is well documented that most maritime accidents are caused by human error.

EMSA Facts & Figures 2021. *European Maritime Safety Agency (EMSA)*. 13 April 2022.

Available from: <https://www.emsa.europa.eu/publications/download/7094/4681/23.html>

2021 was the second full year in which we took forward EMSA's 5-year strategy (2020-2024), consolidating our multifaceted role in each of our five strategic areas of action.

Seafarer lives don't need to be risked during lifeboat drills. *InterManager*. 19 April 2022.

Available from: <https://www.intermanager.org/2022/04/seafarer-lives-dont-need-to-be-risked-during-lifeboat-drills/> Seafarers are dying needlessly in lifeboat accidents when maritime legislation doesn't actually require lifeboats to be manned during drills.

Chloride contamination cases: IBIA proposes steps to mitigation. *International Bunker Industry Association (IBIA)*. 20 April 2022. Available from: <https://ibia.net/2022/04/19/chloride-contamination-cases-ibia-proposes-steps-to-mitigation/>

IBIA notes that the widely reported cases of problem bunker fuels supplied in Singapore during February and March have raised fears that the industry could be facing something similar to the 2018 episode of problem bunker fuel cases originating in Houston, and later spreading to other areas.

Electronic chart proliferation increases safety and insurance risks. David Osler. *Lloyd's List*.

21 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140583>

The current proliferation of electronic charts has reached the point at which it represents a real safety risk, experts have warned.

Why organic chlorides are fuelling shipping concerns. Naeem Javaid. *Lloyd's Register*.

25 April 2022. Available from: <https://www.lr.org/en/latest-news/why-organic-chlorides-are-fuelling-shiping-concerns/>

Robust bunker checks are essential as compounds can lead to a myriad of operational challenges, as well as engine damage.

Lifeboat safety is shipping's shameful secret. David Hughes. *Business Times (Singapore)*.

26 April 2022. Available from: <https://www.businesstimes.com.sg/transport/lifeboat-safety-is-shipings-shameful-secret> Since 1981, there have been 419 deaths involving lifeboats as well as 346 serious and 116 minor injuries.

OPINION: Eliminating the risk of container-stack collapses – solutions and unseaworthiness.

Glenn Mathias. *DCN - Daily Cargo News (Australia)*. 27 April 2022. Available from:

<https://www.thedcn.com.au/news/containers-and-container-shipping/opinion-eliminating-the-risk-of-container-stack-collapses-solutions-and-unseaworthiness/> The World Shipping Council (WSC) claim that its member companies operate about three quarters of the world's global containership capacity.

Entry into enclosed spaces - are you prepared? *Gard*. 27 April 2022. Available from:

<https://www.gard.no/web/updates/content/33477897/> The Republic of the Marshall Island continues to publish new Marine Safety Advisories warning that accidents in enclosed spaces remains one of the most common causes of work-related fatalities onboard ships.

Experts call future fuels the new frontier for cruise ship safety. Tom Stieghorst. *Seatrade*

Cruise News. 28 April 2022. Available from: [https://www.seatrade-cruise.com/safety-](https://www.seatrade-cruise.com/safety-security/experts-call-future-fuels-new-frontier-cruise-ship-safety)

[security/experts-call-future-fuels-new-frontier-cruise-ship-safety](https://www.seatrade-cruise.com/safety-security/experts-call-future-fuels-new-frontier-cruise-ship-safety) A host of new fuels are in the wings as cruise lines try to decarbonize and transition away from the bunker oil used in engines for the last hundred years.

MARITIME SECURITY

Somalia's sea-based policing boosted with new maritime facility. *United Nations Assistance Mission in Somalia (UNSAM)*. 30 March 2022. Available from: <https://unsom.unmissions.org/somalia%E2%80%99s-sea-based-policing-boosted-new-maritime-facility> Somalia's maritime capabilities received a major boost today with the inauguration of a new, state-of-the-art facility for the Somali Police Force (SPF) in the capital, Mogadishu, funded by the European Union and developed by the United Nations.

Shipping's digital disconnect may only be resolved by a disaster. *Dryad Global*. 1 April 2022. Available from: <https://channel16.dryadglobal.com/shippings-digital-disconnect-may-only-be-resolved-by-a-disaster?hsLang=en> Significant disconnects still exist between the industry's expectations of cyber security and the realities on the ground.

Piracy, sea robberies in the Singapore Strait on the rise: Anti-piracy group. *Osmond Chia*. *Straits Times*. 5 April 2022. Available from: <https://www.straitstimes.com/singapore/transport/piracy-sea-robberies-in-the-singapore-strait-on-the-rise-anti-piracy-group> Cases of piracy and sea robberies among trading ships and oil tankers have been on the rise in major shipping lanes near Singapore, which have been flagged as areas of concern by sea crime watch group ReCaap.

Floating mines in Black Sea endangering grain, oil trade, officials say. *Jonathan Saul*. *Reuters*. 5 April 2022. Available from: <https://www.reuters.com/world/europe/floating-mines-black-sea-endangering-grain-oil-trade-officials-2022-04-05/> The risk of coming across floating mines in the major Black Sea shipping route is adding to perils for merchant ships sailing in the region, and governments must ensure safe passage to keep supply chains running, maritime officials say.

Fight against maritime insecurity in West Africa: ECOWAS and the European Union unite for the supply of 5.4 million euros of equipment to ECOWAS coastal countries. *Economic Community of West African States (ECOWAS)*. 5 April 2022. Available from: <https://ecowas.int/?p=54653> A High-Level Seminar on Maritime Security is being held at the Nigeria Commission of the Economic Community of West African States (ECOWAS) in Abuja, Nigeria from 4-5 April 2022.

MarineTech Conference at Singapore Maritime Week 2022 lays out plans to boost cybersecurity and strengthen resilience in Singapore. *Maritime and Port Authority of Singapore (MPA)*. 5 April 2022. Available from: <https://bit.ly/3NCjEP6> The Maritime and Port Authority of Singapore (MPA) continues its push to develop industry-wide capabilities through strengthening R&D, piloting maritime technologies (MarineTech), and developing maritime cybersecurity capabilities to strengthen the industry's resilience and capacities to handle disruptions.

Shore thing: climate change and maritime security intrinsically linked. *Kate Clayton*. *Lowy Institute (Australia)*. 8 April 2022. Available from: <https://www.lowyinstitute.org/the-interpreter/shore-thing-climate-change-and-maritime-security-intrinsically-linked> Rising sea levels in Southeast Asia and the Pacific mean collaboration on maritime order is essential.

Russia fires on Turkish cargo ship on 'rescue mission' to Mariupol. *Gary Dixon*. *TradeWinds*. 11 April 2022. Available from: <https://www.tradewindsnews.com/casualties/russia-fires-on-turkish-cargo-ship-on-rescue-mission-to-mariupol/2-1-1200502> Russia has fired on and detained a Turkish-managed general cargo ship it claims was attempting a rescue mission to the devastated Ukrainian city of Mariupol.

US-India collaboration has 'visible impact' on COVID-19, maritime security: Jaishankar. *Asian News International (ANI)*. 12 April 2022. Available from: <https://www.aninews.in/news/world/us/us-india-collaboration-has-visible-impact-on-covid-19-maritime-security-jaishankar20220412002751/> External Affairs Minister S Jaishankar on Monday said that the collaboration between US and India has grown well beyond its bilateral scope and has a visible impact on global issues including COVID-19, climate action, maritime security, and critical technologies.

ICC IMB urges continued caution while welcoming lull in crew kidnappings in Gulf of Guinea. *International Chamber of Commerce (ICC)*. 12 April 2022. Available from: <https://bit.ly/3NuGOXl> The ICC International Maritime Bureau calls for efforts to be sustained in the Gulf of Guinea despite a welcome decrease in reported piracy and armed robbery incidents in these highly risky waters.

New International Naval Task Force to Enhance Red Sea Security. *United States Navy*. 17 April 2022. Available from: <https://www.navy.mil/Press-Office/News-Stories/Article/3001693/new-international-naval-task-force-to-enhance-red-sea-security/> Combined Maritime Forces (CMF) established a new international naval task force April 17 to enhance maritime security in the Red Sea region.

S. Korea, Ghana discuss maritime security cooperation, bilateral ties. *Yonhap News Agency (South Korea)*. 21 April 2022. Available from: <https://en.yna.co.kr/view/AEN20220421004900325> South Korea's Defense Minister Suh Wook held talks with Ghana's top envoy in Seoul on Thursday to discuss bilateral maritime security cooperation and other issues, his ministry said.

EU, Korean experts discuss maritime security. Kwon Mee-yoo. *Korea Times*. 22 April 2022. Available from: https://www.koreatimes.co.kr/www/nation/2022/05/120_327758.html The Indo-Pacific region has a growing focus in international geopolitics as the GDP of the countries in the region occupies 60 percent of that of the entire world.

Floating mines hit Danube traffic - APK-Inform. Pavel Polityuk. *Reuters*. 25 April 2022. Available from: <https://www.reuters.com/article/ukraine-crisis-danube-mines/floating-mines-hit-danube-traffic-apk-inform-idUSL2N2WN0LS> Ukrainian border guards last week closed several shipping lanes at the mouth of the Danube river due to drifting mines in Black Sea, analyst APK-Inform said on Monday.

AFRICOM and law enforcement cooperation enhances maritime security in West Africa. *United States Africa Command*. 26 April 2022. Available from: <https://www.africom.mil/pressrelease/34377> During the month-long operation, multinational maritime forces conducted two major interdictions in the Exclusive Economic Zone of Sierra Leone and Cabo Verde.

ABB's integrated ship operating systems receive key cyber security certification from DNV. *ABB*. 27 April 2022. Available from: <https://new.abb.com/news/detail/90466/abbs-integrated-ship-operating-systems-receive-key-cyber-security-certification-from-dnv> The certification confirms ABB's cyber security solutions meet DNV's 'Cyber Secure SP1' requirements based on the internationally recognised standard for control system cyber security, IEC62443.

MIGRANTS

Aid group: More than 90 migrants drowned in Mediterranean. Samy Magdy. *Associated Press*. 3 April 2022. Available from: <https://apnews.com/article/doctors-without-borders-europe-middle-east-mediterranean-sea-africa-34ed670ef5db5c77a33f93534d7290c8> More than 90 people in an overcrowded boat drowned in the Mediterranean Sea, a prominent humanitarian group said, in the latest tragedy involving migrants departing from North Africa to seek a better life in Europe.

Over 100 deaths at sea in one week as European States look away. Anna Pantelia. *Medecins Sans Frontieres (MSF)*. 6 April 2022. Available from: <https://www.msf.org/over-100-deaths-one-week-central-mediterranean> More than 100 people have drowned in the Central Mediterranean in one week while at least 130 others have been forcibly returned to Libya.

Tunisian shipwrecks: Six children among at least 13 dead. Emma Wallis. *InfoMigrants*. 11 April 2022. Available from: <https://www.infomigrants.net/en/post/39766/tunisian-shipwrecks-six-children-among-at-least-13-dead> Two migrant boats overturned in the space of a few hours on Saturday off the coast of Tunisia.

Q1 illegal border crossings into EU highest since 2016. *FRONTEX European Border and Coast Guard Agency*. 14 April 2022. Available from: <https://frontex.europa.eu/media-centre/news/news-release/q1-illegal-border-crossings-into-eu-highest-since-2016-vvVOak> The first quarter of this year was the busiest in terms of illegal border crossings at the EU's external borders since the migratory crisis in 2016.

UN Refugee Agency opposes UK plan to export asylum. *United Nations High Commissioner for Refugees (UNHCR)*. 14 April 2022. Available from: <https://www.unhcr.org/news/press/2022/4/62585e814> Following public announcements made today, UNHCR, the UN Refugee Agency, expressed strong opposition and concerns about the United Kingdom's plan to export its asylum obligations and urged the UK to refrain from transferring asylum seekers and refugees to Rwanda for asylum processing.

Migrant drownings in the Mediterranean continue: disgraceful moral failure by governments of countries of origin, destination. *Euro-Mediterranean Human Rights Monitor*. 17 April 2022. Available from: <https://euromedmonitor.org/en/article/5066> The continued indifference towards the increasing loss of life resulting from the sinking of migrant and asylum seekers' boats in the Mediterranean reflects a catastrophic moral failure of all parties involved, Euro-Mediterranean Human Rights Monitor said Sunday in a statement.

UNHCR, IOM: Shipwreck tragedy off the Lebanese coast underscores need for continuing support to Lebanon. *United Nations High Commissioner for Refugees (UNHCR)*. 24 April 2022. Available from: <https://www.unhcr.org/news/press/2022/4/626543974> UNHCR, the UN Refugee Agency, and the International Organization for Migration (IOM) are deeply saddened by the latest tragic incident at sea in which a boat reportedly carrying 84 people capsized off the coast of Tripoli, Lebanon, yesterday.

At least 17 dead after four boats capsize off Tunisia coast. *Al Jazeera*. 24 April 2022. Available from: <https://www.aljazeera.com/news/2022/4/24/dozen-dead-10-missing-as-migrant-boat-sinks-off-tunisia> The death toll from several migrant shipwrecks off the Tunisian coast has risen to 17 people, a judicial official has said.

Canary Islands: 25 feared dead as migrants' boat capsizes. Marion MacGregor. *InfoMigrants*. 26 April 2022. Available from: <https://www.infomigrants.net/en/post/40108/canary-islands-25-feared-dead-as-migrants-boat-capsizes> Around 25 people—including several babies—are feared dead after their boat capsized in the Atlantic Ocean off Spain's Canary Islands on Monday.

Lebanon orders military probe into deadly capsizing of refugee boat. *Middle East Eye*. 26 April 2022. Available from: <https://www.middleeasteye.net/news/lebanon-deadly-refugee-boat-capsizing-military-probe-ordered> Lebanon's government said on Tuesday it was tasking the armed forces with investigating how an overpacked refugee boat capsized on Saturday, an event some survivors have blamed on the military.

NAVIGATION & COMMUNICATIONS

Sovcomflot fires back against allegations of 'dark activity'. Eric Priante Martin. *TradeWinds*. 31 March 2022. Available from: <https://www.tradewindsnews.com/tankers/sovcomflot-fires-back-against-allegations-of-dark-activity-/2-1-1194422> Tanker giant Sovcomflot (SCF Group) has denied that any of its ships have turned off vessel tracking transmitters amid growing evidence of "dark activity" by Russian-linked tankers.

AMPI conference explores pathways into the future of pilotage. Abby Williams. *DCN - Daily Cargo News (Australia)*. 31 March 2022. Available from: <https://www.thedcn.com.au/news/staffing-crewing-and-training/ampi-conference-explores-pathways-into-the-future-of-pilotage/> Day two of the Australian Marine Pilots Institute conference explored diversification in the maritime industry, the evolution of maritime technology, and how the transition into the industry's future impacts the people at the centre of it.

ArcticInfo – A digital service for safer seaborne voyages in the Arctic. Anders Røeggen. *Independent Barents Observer (Norway)*. 5 April 2022. Available from: <https://thebarentsobserver.com/en/node/9619> Low temperatures and extreme weather conditions, limited daylight over long periods of time, limited communication and infrastructure, poor charts, and large distances are some of the challenges that navigators face in Arctic waters.

WMO support for Shipping in Polar Waters. *World Meteorological Organization (WMO)*. 5 April 2022. Available from: <https://community.wmo.int/activity-areas/Marine/WMO-Support-for-Shipping-polar-waters> Climate change and accelerating sea-ice melt in polar regions are opening up new polar shipping routes and increasing summer availability to traditionally ice-locked areas.

Ukraine says EU road links won't make up for loss of Black Sea trade. Sarah Anne Aarup, Eddy Wax and Hanne Cokelaere. *POLITICO*. 5 April 2022. Available from: <https://www.politico.eu/article/green-corridor-west-not-save-ukraine-trade/> Unblocking Ukraine's seaports 'is the only solution' to country's trade crisis, minister says.

New Techniques Reveal Fishing Vessel Identities in the Dark of Night. *Global Fishing Watch*. 6 April 2022. Available from: <https://globalfishingwatch.org/data/ais-viirs-reveals-dark-fleet/> When the sun sets, human activity on the ocean goes on.

Maritime industry joins forces with leading global miners in support of Australia-East Asia iron ore Green Corridor. *Global Maritime Forum*. 6 April 2022. Available from: <https://www.globalmaritimeforum.org/press/maritime-industry-joins-forces-with-leading-global-miners-in-support-of-australia-east-asia-iron-ore-green-corridor-2> A consortium, led by the Global Maritime Forum and consisting of BHP, Rio Tinto, Oldendorff Carriers and Star Bulk Carriers Corp., have today signed a letter of intent (LOI) to assess the development of an iron ore Green Corridor between Australia and East Asia.

Putin's War on Ukraine Throws Black Sea Commercial Shipping Into Turmoil. John C. K. Daly. *Jamestown Foundation (US)*. 8 April 2022. Available from: <https://jamestown.org/program/putins-war-on-ukraine-throws-black-sea-commercial-shipping-into-turmoil/> Russian President Vladimir Putin launched his "special military operation" against Ukraine in an early-morning TV address on February 24.

'Black carbon' threat to Arctic as sea routes open up with global heating. Karen McVeigh. *The Guardian*. 10 April 2022. Available from: <https://www.theguardian.com/environment/2022/apr/10/black-carbon-threat-to-arctic-as-sea-routes-open-up-with-global-heating> In February last year, a Russian gas tanker, *Christophe de Margerie*, made history by navigating the icy waters of the northern sea route in mid-winter.

Maritime must ditch analogue for digital if it is to keep casualties in check. Dor Raviv. *TradeWinds*. 11 April 2022. Available from: <https://www.tradewindsnews.com/opinion/maritime-must-ditch-analogue-for-digital-if-it-is-to-keep-casualties-in-check/2-1-1198656> The shipping industry is losing ships, cargo, and even lives — and this is in part due to an over-reliance on analogue methods of navigation.

Green Shipping Corridors. *US Department of State*. 12 April 2022. Available from: <https://www.state.gov/green-shipping-corridors/> In support of the effort to achieve global net-zero greenhouse gas emissions by no later than 2050, and in support of the effort to achieve zero greenhouse gas emissions from the international shipping sector by the same year, the United States is charting a course to advance domestic and international green shipping corridors.

Chilean Ministries of Energy, Transport and Telecommunications, and Foreign Affairs, together with the Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping launch joint project to establish green shipping corridors in Chile. *Maersk*. 13 April 2022. Available from: https://cms.zerocarbonshipping.com/media/uploads/documents/Chilean-Green-Corridors-Network_2022.04.13.pdf Today, the Ministry of Energy in Chile and the Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping announced a formal agreement to establish a network of green corridors allowing for green maritime transportation of goods in and out of Chile.

Can 'green corridors' tackle shipping's giant carbon footprint? *China Dialogue Ocean*. 13 April 2022. Available from: <https://chinadialogueocean.net/en/climate/can-green-corridors-tackle-shippings-giant-carbon-footprint/> At last year's COP26 climate summit in Glasgow, 22 countries, including the UK, US, Germany and Japan, signed up to the Clydebank Declaration, announcing their intention to establish various zero-emissions shipping routes known as "green corridors".

Russian Arctic science ship to sail with very low sulphur fuel oils. Polina Leganger Bronder. *Independent Barents Observer (Norway)*. 19 April 2022. Available from: <https://thebarentsobserver.com/en/arctic/2022/04/russian-arctic-science-ship-sail-very-low-sulphur-fuel-oils> The “*Severny Polyus*” (North Pole) will be the first Russian science expedition ship to be fuelled with Ultra-low sulfur diesel (ULSD), the Arctic and Antarctic Research Institute (AARI) informs.

Ahead of Biden visit, climate advocates call for Seattle-Busan green shipping corridor. *Ship it Zero*. 20 April 2022. Available from: <https://shipitzero.org/seattle-biden-visit/> Ship It Zero coalition demands retail companies, government leaders, port authorities work together on zero-emissions ocean shipping.

NATO rejects V. Group’s call for naval escorts in the Black Sea. Dale Wainwright. *TradeWinds*. 26 April 2022. Available from: <https://www.tradewindsnews.com/bulkers/nato-rejects-v-group-s-call-for-naval-escorts-in-the-black-sea/2-1-1206537> NATO has rejected calls by ship manager V. Group for naval escorts for commercial ships passing through the black sea.

North Korea oil imports slump but illicit shipments widespread, UN says. *Global Trade Review*. 27 April 2022. Available from: <https://www.gtreview.com/news/no-category/north-korea-oil-imports-slump-but-illicit-shipments-widespread-un-says/> The volume of oil shipped to North Korea in violation of international sanctions on the country fell dramatically in 2021, but the UN says Pyongyang is still using a network of enablers in China, Taiwan and elsewhere in Asia to circumvent the embargo.

Foreign fishing boats exploit African flags to plunder waters. David Thomas. *African Business*. 28 April 2022. Available from: <https://african.business/2022/04/energy-resources/foreign-fishing-boats-exploit-african-flags-to-plunder-waters%EF%BF%BC/> Foreign fishing operators are accessing and exploiting African flag registries in order to allow their vessels to act with legal impunity, according to a report by maritime intelligence organisations.

Spotlight on the use of African flag registries by high-risk fishing operators. *TMT and I.R. Consilium*. April 2022. Available from: https://1ae03060-3f06-4a5c-9ac6-b5c1b4a62664.usrfiles.com/ugd/1ae030_2626dc2f27d440c0b7201448e08ea996.pdf According to Article 91 of the United Nations Convention on the Law of the Sea (UNCLOS), ‘...Ships have the nationality of the State whose flag they are entitled to fly...’

Climate change may change the face of trade routes across GCC. *Arab News (Saudi Arabia)*. 29 April 2022. Available from: <https://www.arabnews.com/node/2072911> There are numerous scenarios for how climate change might affect the world.

PIRACY

Piracy threat gets more complex as incidents drop in 2021, Dryad reports. Paul Berrill.

TradeWinds. 31 March 2022. Available from: <https://www.tradewindsnews.com/insight/piracy-threat-gets-more-complex-as-incidents-drop-in-2021-dryad-reports/2-1-1193547> Global maritime security in 2021 was defined by an ever-increasing complex web of threat actors, shipping security firm Dryad Global says in its annual review.

First Piracy Boarding in Months Reported in Gulf of Guinea. *Maritime Executive*. 4 April 2022.

Available from: <https://maritime-executive.com/article/first-piracy-boarding-in-months-reported-in-gulf-of-guinea> The first vessel in more than three months was boarded in the Gulf of Guinea on Sunday, April 3 with analysts suggesting that it was a random event.

Italian Frigate Intervened to Protect Crew on Bulker from Pirates. *Maritime Executive*.

5 April 2022. Available from: <https://www.maritime-executive.com/article/italian-frigate-intervened-to-protect-crew-on-bulker-from-pirates> The Italian Navy provided additional details on the boarding that took place aboard a bulker in the Gulf of Guinea reporting that its frigate *Luigi Rizzo* intervened to stop the incident and provide security.

Is Somali piracy finally under control? Timothy Walker and Denys Reva. *Institute for Security Studies (ISS)*. 21 April 2022.

Available from: <https://issafrica.org/iss-today/is-somali-piracy-finally-under-control> With the lapsing of the Security Council's piracy resolution, Western Indian Ocean security practices can show their worth.

PORT STATE CONTROL

UK MCA Detains Third P&O Ferry as Line Struggles to Restart Sailing. *Maritime Executive*.

12 April 2022. Available from: <https://www.maritime-executive.com/article/uk-mca-detains-third-p-o-ferry-as-line-struggles-to-restart-sailing> UK regulators today detained yet another ferry from the beleaguered P&O Ferries a month after the company fired its union crews seeking to replace them with contracts with crewing agencies.

Beijing intervenes as carriers skip calls at Shanghai port. Xin Chen and Cichen Shen. *Lloyd's List*. 13 April 2022.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140509> The Chinese government is intervening in the reduction of vessel calls at Shanghai as carriers have started to bypass the world's largest container port which has been affected by coronavirus lockdowns.

P&O Ferries: UK fleet remains largely inactive as third vessel is detained. Rob Willmington.

Lloyd's List. 13 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140496/> Plans by beleaguered P&O Ferries to resume full passenger and ro-ro operations from the UK have suffered another setback following the detention of another of its vessels by the Maritime and Coastguard Agency.

Foreign flagged ships detained in the UK during March 2022 under Paris MOU. *UK Maritime & Coastguard Agency*. 14 April 2022.

Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-march-2022-under-paris-mou> The Maritime and Coastguard Agency (MCA) announced today that five foreign flagged ships remained under detention in UK ports during March 2022 after failing Port State Control (PSC) inspection.

MCA Clears P&O Ferries to Resume More Service. *Maritime Executive*. 25 April 2022. Available from: <https://www.maritime-executive.com/article/mca-clears-p-o-ferries-to-resume-more-service>
Beleaguered U.K. ferry operator P&O Ferries is reporting that it is set to resume service on its busiest route as the company has received clearance from the Maritime & Coastguard Agency and works to return to full service six weeks after firing its crews and replacing them with agency staffs.

PORTS & HARBOURS

Decentralization of cargo movement will help ease shipping congestion. Dave Casey. *Gulf News (UAE)*. 31 March 2022. Available from: <https://gulfnews.com/business/corporate-news/decentralization-of-cargo-movement-will-help-ease-shipping-congestion-1.1648730762179>
Relentless port congestion and rising freight costs are impacting heavily on global supply chains, with major disruption encountered in sectors such as fast-moving consumer goods, pharmaceutical and agricultural exports.

Thousands of Russia-Linked Ship Containers Pile Up in Rotterdam. *Bloomberg*. 1 April 2022. Available from: <https://www.bnnbloomberg.ca/thousands-of-russia-linked-ship-containers-pile-up-in-rotterdam-1.1746194>
In normal times, the Dutch port of Rotterdam is like a machine: hundreds of ships come and go each day, and tens of thousands of boxes are loaded and unloaded from those vessels, all to keep Europe's economy humming.

We rely on US ports — time for climate change protection. *The Hill (US)*. 4 April 2022. Available from: <https://thehill.com/opinion/energy-environment/3256797-we-rely-on-us-ports-time-for-climate-change-protection/>
Just over a year after the ship *Ever Given* famously blocked the Suez Canal, her sister ship the *Ever Forward* remains grounded in the Chesapeake Bay, casting a spotlight yet again on the role of shipping in the global supply chain.

EU Commission proposes banning Russian coal imports, ships from entering EU ports. *Reuters*. 6 April 2022. Available from: <https://www.reuters.com/world/europe/eu-commission-proposes-banning-russian-coal-imports-ships-entering-eu-ports-2022-04-05/>
The European Commission proposed on Tuesday new sanctions against Russia over its invasion of Ukraine, including a ban on buying Russian coal and on Russian ships entering EU ports, and said it was working on banning oil imports too.

How regional maritime single window can boost Kenya's port attractiveness. *Business Daily (Kenya)*. 6 April 2022. Available from: <https://www.businessdailyafrica.com/bd/corporate/shipping-logistics/how-regional-maritime-single-window-can-boost-kenyas-port-3772490>
Since the start of the Covid-19 pandemic two years ago, a revolution has been happening in the shipping industry, whose supply chains globalisation depends on moving pretty much everything to all corners of the globe.

477 Bulk Ships Wait Off East China's Ports Amid Virus Lockdowns. Ann Koh and Kevin Varley. *Bloomberg*. 11 April 2022. Available from: <https://www.bnnbloomberg.ca/477-bulk-ships-wait-off-east-china-s-ports-amid-virus-lockdowns-1.1750577>
Dotting the sea off Chinese ports are 477 bulk cargo ships waiting to deliver resources from metal ore to grain into the country.

Strict COVID-19 Lockdown Impacts Port Operations at Shanghai. *Maritime Executive*. 11 April 2022. Available from: <https://www.maritime-executive.com/article/strict-covid-19-lockdown-impacts-port-operations-at-shanghai>
Despite early official denials, the COVID-19 lockdown in Shanghai is having a significant effect on shipping operations around Hangzhou Bay, home to the largest concentration of container terminals in the world.

US imports now Gulf-bound as port congestion worsens on the east coast. Ian Putzger. *The Loadstar*. 11 April 2022. Available from: <https://theloadstar.com/us-imports-now-gulf-bound-as-port-congestion-worsens-on-the-east-coast/> US importers must be feeling like they're stuck in a game of 'whack-a-mole'.

World's largest inland port becomes latest victim of China's zero-Covid strategy. Sam Chambers. *Splash 247.com*. 14 April 2022. Available from: <https://splash247.com/worlds-largest-inland-port-becomes-latest-victim-of-chinas-zero-covid-strategy/> Trucking snarl-ups across China are wreaking havoc on supply chains despite initiatives from local and national government bodies to alleviate the situation while Nanjing, the largest inland port in the world, has become the latest port to report a Covid outbreak among its workforce leading to much of the port's operations along the Yangtze being shuttered.

European ports seek clarity and uniformity in ban on Russian vessels. Nidaa Bakhsh. *Lloyd's List*. 14 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140511> The European Sea Ports Organisation has called for "clarity and uniformity" in the application of the European Union's latest round of sanctions, which has banned Russian vessels calling at the bloc's ports.

Impact of the conflict between Russia and Ukraine on Port of Antwerp. *Port of Antwerp-Bruges*. 15 April 2022. Available from: <https://newsroom.portofantwerpbruges.com/impact-of-the-conflict-between-russia-and-the-ukraine-on-port-of-antwerp> Port of Antwerp expresses its support and empathy for all the human suffering caused by the conflict in Ukraine.

Maersk Says No To China Meat And Fish Exports. Ann Koh. *gCaptain*. 16 April 2022. Available from: <https://gcaptain.com/maersk-says-no-to-china-meat-and-fish-exports/> AP Moller-Maersk A/S, one of the biggest shipping lines in the world, has stopped bookings to ship refrigerated containers into Shanghai as a strict Covid lockdown stalls the trucking of meat and seafood from the port into the city.

Extended Shanghai lockdown expected to increase void sailings. Cichen Shen. *Lloyd's List*. 18 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140527/> Blank sailings are expected to increase at the port of Shanghai should the city's lockdown become even more protracted than it already has been.

Fiji's port safety praised. Savanah Waqalevu. *Fiji Times*. 19 April 2022. Available from: <https://www.fijitimes.com/fijis-port-safety-praised/> A United States Coast Guard representative commended Fiji for maintaining port security and ensuring global supply chain channels were "secure, prosperous and smooth".

Windward: Fifth of World's Containerships are Stuck in Port Congestion. *Maritime Executive*. 19 April 2022. Available from: <https://www.maritime-executive.com/article/windward-fifth-of-world-s-containerships-are-stuck-in-port-congestion> After signs of progress that the backlogs of containerships stacked up outside ports might be easing, it appears that the trend is reversing itself.

Massive floods put pressure on container logistics in Durban. Søren Pico and Astrid Sturlason. *ShippingWatch*. 20 April 2022. Available from: <https://shippingwatch.com/logistics/article13934042.ece> Massive floods in Durban, South Africa, where more than 440 persons have been killed, affect container traffic and limit access to the city's port from the land side, state Hapag-Lloyd and Maersk.

Mines and wrecks leave 500 seafarers and 84 ships stranded at Ukraine ports. Adam Corbett. *TradeWinds*. 20 April 2022. Available from: <https://bit.ly/39aDD8R> More than 500 crew members remain trapped in Ukrainian ports following the Russian invasion, according to latest figures from the International Maritime Organization.

P&O Ferries: Port of Dover refuses welfare check. *International Transport Workers' Federation (ITF)*. 20 April 2022. Available from: <https://www.itfglobal.org/en/news/po-ferries-port-dover-refuses-welfare-check> Officials at the Port of Dover yesterday refused access to ITF Inspectors who were present in order to investigate welfare issues that had been raised by replacement crew members on board P&O Ferries' vessels in the port.

PODCAST: Maritime and Trade Talk - EP5: Stirring the Melting Pot. *IHS Markit*. 21 April 2022. Available from: <https://ihsmarkit.com/podcasts/maritime/ep5-stirring-the-melting-pot.html> Gene Seroka, the executive director of the Port of Los Angeles, and Patrick Verhoeven, managing director of the International Association of Ports and Harbors (IAPH), discuss the congestion issues the maritime industry faces, digitalization, and the way forward.

Stena Line Ships to Add Shore Power Connections. *Ship & Bunker*. 21 April 2022. Available from: <https://shipandbunker.com/news/world/662545> Engineering company Yara Marine Technologies is set to equip four ferries operated by Stena Line with shore power connections.

Norway arrests activists blocking tanker unloading Russian oil. Terje Solsvik. *Reuters*. 25 April 2022. Available from: <https://www.reuters.com/world/europe/greenpeace-blocks-tanker-delivering-russian-oil-norway-2022-04-25/> Norwegian police said they had arrested 20 Greenpeace and Extinction Rebellion campaigners who on Monday blocked a tanker from delivering Russian oil to an Exxon Mobil terminal.

BPA Kick Starts the Establishment of 2050 Comprehensive Plan for Carbon Neutrality of Busan Port. *Busan Port Authority*. 25 April 2022. Available from: <https://www.busanpa.com/eng/Board.do?mode=view&mCode=MN0050&idx=27466> The plan will consist of detailed tasks to achieve zero carbon emission in Busan Port by 2050 and a mid-to-long-term carbon neutrality roadmap.

Port congestion grows as China's capital braces for Shanghai syndrome. Sam Chambers. *Splash 247.com*. 26 April 2022. Available from: <https://splash247.com/port-congestion-grows-as-chinas-capital-braces-for-shanghai-syndrome/> Familiar scenes of supermarket stampedes are emerging from the Chinese capital as mass testing gets underway in Beijing, the latest mega city to face the tough wrath of the country's dogged zero-Covid policy.

Shanghai maritime sector starts to resume operations. Xin Chen. *Lloyd's List*. 26 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140616> More Shanghai-based shipping companies are set to resume production as the city struggles with an economic slowdown.

The Port of Gothenburg is ready for methanol bunkering ship-to-ship. *Port of Gothenburg*. 26 April 2022. Available from: <https://www.portofgothenburg.com/news-room/press-releases/the-port-of-gothenburg-is-ready-for-methanol-bunkering-ship-to-ship/> The Gothenburg Port Authority is today publishing general methanol operating regulations for ship-to-ship bunkering.

European ports warn of deluge of imports. James Baker. *Lloyd's List*. 27 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140637/> European ports are calling on the European Commission to prepare for an onslaught of imports when the lockdown restrictions are lifted in Shanghai and a torrent of pent-up exports is released.

Maritime link Turku-Mariehamn-Stockholm now more climate smart. *Ports of Stockholm*. 27 April 2022. Available from: <https://www.portsofstockholm.com/about-us/news/2022/maritime-link-turku-mariehamn-stockholm-now-more-climate-smart/> Growing cargo and passenger volumes, Viking Line's new vessel M/S Viking Glory, and a need to develop more sustainable maritime transports.

Shipowners 'disappointed' by Suez and Panama canals' toll hikes. Declan Bush. *Lloyd's List*. 27 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140645> Shipowner groups say they were caught off guard by recent toll hikes at the Suez and Panama canals and have called for greater consultation by authorities.

FSRUs – oceans of opportunity. Anna Apostolopoulou. *Lloyd's Register*. 28 April 2022. Available from: <https://www.lr.org/en/insights/articles/fsrus-oceans-of-opportunity/> As I write this, world energy markets are in turmoil and the price of gas has transcended all previous peaks.

Port of Antwerp overcoming loss of Russian shipping export trade - CEO. Jonathan Saul. *Reuters*. 28 April 2022. Available from: <https://www.reuters.com/business/port-antwerp-overcoming-loss-russian-shipping-export-trade-ceo-2022-04-28/> The Port of Antwerp is adapting to losing shipping trade with Russia and its merger with the neighbouring Port of Zeebrugge is set to boost overall volumes in coming years, the group's chief executive said on Thursday.

First Ukrainian corn cargo leaves Romanian Black Sea port. *Reuters*. 29 April 2022. Available from: <https://www.reuters.com/world/europe/first-ukrainian-corn-cargo-leaves-romanian-black-sea-port-2022-04-29/> A cargo carrying over 71,000 tonnes of Ukrainian corn finished loading in the Romanian Black Sea port of Constanta on Thursday, the first since Russia invaded Ukraine on Feb. 24, the manager of port operator Comvex said.

REGULATIONS

Regulations: 2022 and beyond. Craig Jallal. *Tanker Shipping & Trade*. 4 April 2022. Available from: <https://www.rivieramm.com/news-content-hub/regulations-2022-and-beyond-70527> One of the major challenges facing tanker operators involves keeping track of the latest regulations which have a direct impact on operations.

Trafigura's Bach Nielsen urges quick action on global regulatory framework. Adis Ajdin. *Splash 247.com*. 5 April 2022. Available from: <https://splash247.com/trafiguras-bach-nielsen-urges-quick-action-on-global-regulatory-framework/> Rasmus Bach Nielsen, head of fuel decarbonisation at Swiss commodities trading giant Trafigura, has called on regulators to accelerate decision-making, emphasising the need for a shipping carbon levy before it is too late.

IACS Publishes Unified Requirement on Remote Classification Surveys. *International Association of Classification Societies (IACS)*. 7 April 2022. Available from: <https://iacs.org.uk/news/iacs-publishes-unified-requirement-on-remote-classification-surveys/> The significant impact of the COVID19 pandemic on the maritime industry resulted in an increase in the deployment of remote surveys by IACS Members to ensure the maritime industry was able to continue functioning in as smooth and efficient a manner as possible.

Plastic ban onboard our ships. *CMA CGM*. 11 April 2022. Available from: <https://www.cma-cgm.com/news/4064/plastic-ban-onboard-our-ships> As part of its renewed commitment towards more sustainable trade, the CMA CGM Group announced its decision to no longer carry plastic waste on our ships as of June 1st, 2022.

III Code Audit – excellent result for the United Kingdom. *UK Maritime & Coastguard Agency*. 12 April 2022. Available from: <https://www.gov.uk/government/news/iii-code-audit-excellent-result-for-the-united-kingdom> The UK continues to hold its own as a leader in the maritime world after the leading international agency responsible for safety of shipping carried out an audit that shows how well it does its work.

Upcoming emissions rules should lay ground for demolition derby. Adam Corbett. *TradeWinds*. 15 April 2022. Available from: <https://www.tradewindsnews.com/opinion/upcoming-emissions-rules-should-lay-ground-for-demolition-derby/2-1-1202125> Next year is likely to see a near doubling of ship demolition volumes as skyrocketing fuel prices, decarbonisation regulation and an ageing fleet push an increasing number of ships into retirement.

Maersk’s regulatory manager hopes for stronger IMO climate targets in 2023. Dag Holmstad. *ShippingWatch*. 21 April 2022. Available from: <https://shippingwatch.com/regulation/article13940130.ece> In a post published on Maersk’s website, Senior Regulatory Manager Sanne Henriksen has shared her “three wildest dreams” for new climate initiatives from the International Maritime Organization (IMO) when she returns from maternity leave in the spring of 2023.

SALVAGE

General Average Declared for *Ever Forward* After Unsuccessful Attempts to Refloat the Ship. Mike Schuler. *gCaptain*. 31 March 2022. Available from: <https://gcaptain.com/ever-forward-general-average-declared/> Evergreen Marine, the owner of the stuck *Ever Forward*, has declared General Average following two unsuccessful attempts to refloat the ship in Chesapeake Bay.

Shipping Company Invokes Maritime Law to Help Pay for Freeing Cargo Ship From Chesapeake Bay. Mark Segraves. *NBC News (US)*. 31 March 2022. Available from: <https://www.nbcwashington.com/news/local/shipping-company-invokes-maritime-law-to-help-pay-for-freeing-cargo-ship-from-chesapeake-bay/3013880/> The U.S. Coast Guard approved a new plan to refloat a massive cargo ship that’s been stuck in the Chesapeake Bay for almost three weeks, and the shipping company is invoking a maritime law that will affect everyone who has something on the ship.

Crews To Remove Nearly 5,000 Containers On *Ever Forward* In Refloat Plan B. Cristina Mendez. *CBS News (US)*. 4 April 2022. Available from: <https://baltimore.cbslocal.com/2022/04/04/crews-to-remove-all-5000-containers-on-ever-forward-in-refloat-plan-b/> After weeks of dredging and days of tugging, the *Ever Forward* still hasn’t budged.

Coast Guard announces revised strategy for *Ever Forward* refloat. *US Coast Guard News*. 4 April 2022. Available from: <https://coastguardnews.com/coast-guard-announces-revised-strategy-for-ever-forward-refloat/2022/04/04/> The U.S. Coast Guard, Maryland Department of the Environment and Evergreen Marine Corporation, in partnership with multiple state and local responders, have developed and announced a revised strategy to refloat the container ship *EVER FORWARD* effective immediately.

Container Feeder Barge: A solution for a grounding such as *Ever Forward*? Rich Madden. *gCaptain*. 9 April 2022. Available from: <https://gcaptain.com/container-feeder-barge-salvage-ever-forward/> The current salvage plan includes removal of a large number of containers – loaded and otherwise – to lighten the vessel and assist in re-floating.

Salvors Begin Removing Containers from *Ever Forward*. Eric Haun. *MarineLink*. 11 April 2022. Available from: <https://www.marinelink.com/news/salvors-begin-removing-containers-ever-495714> Salvors on Saturday started removing containers from the grounded containership *Ever Forward* in an effort to reduce ground force ahead of the next refloat attempt.

Container ship grounded in Chesapeake Bay refloated following 35-day salvage operation. *United States Coast Guard*. 17 April 2022. Available from: <https://content.govdelivery.com/accounts/USDHSCG/bulletins/313d6fa> The U.S. Coast Guard, Maryland Department of the Environment and Evergreen Marine Corporation, in partnership with multiple state and local responders, refloated the *Ever Forward* Sunday, following a 35-day-long salvage operation that began Sunday, March 13, after the 1,095-foot container ship grounded in the Chesapeake Bay near Craighill Channel.

SEAFARERS

UK promotes global debate on minimum wage for seafarers. Sam Chambers. *Splash 247.com*. 31 March 2022. Available from: <https://splash247.com/uk-promotes-global-debate-on-minimum-wage-for-seafarers/> The UK government has moved to initiate a global discussion on seafarer minimum pay in the wake of the sacking of 800 staff working for P&O Ferries earlier this month, a workforce that has subsequently been replaced by a team being paid as little as \$3 an hour.

Impact of seafarers' welfare maritime levy now evident in New Zealand, says Transport Minister. *Human Rights at Sea (HRAS)*. 31 March 2022. Available from: <https://www.humanrightsatsea.org/news/impact-seafarers-welfare-maritime-levy-now-evident-new-zealand-says-transport-minister> The maritime levy contribution secures sustainable support for seafarers' welfare services under a legislative change to the Maritime Transport Act 1994, which now explicitly provides for the funding of these services.

Concordia: Russian Seafarers Face Challenges in Receiving Pay. *Maritime Executive*. 1 April 2022. Available from: <https://www.maritime-executive.com/article/concordia-russian-seafarers-face-challenges-in-receiving-pay> Russian seafarers are encountering difficulties after the invasion of Ukraine because some shipping companies are unable to complete payment of their salaries, given the economic sanctions imposed on Russia.

Singapore allows shore leave for vaccinated seafarers. Marcus Hand. *Seatrade Maritime News*. 1 April 2022. Available from: <https://www.seatrade-maritime.com/ship-operations/singapore-allows-shore-leave-vaccinated-seafarers> With Singapore dropping quarantine requirements for all vaccinated travellers, shore leave will now also be granted for seafarers in vessels calling at one of the world's busiest ports.

Ships became 'prisons' for crew amidst the pandemic. *China Global Television Network (CGTN)*. 3 April 2022. Available from: https://www.youtube.com/watch?v=Plpiyv_dGYk CGTN's Digital Media editor Halligan Agade, travelled to the Kenyan coast to establish more about the impact of the pandemic on Seafarers globally.

DFA helps 4 Pinoy seafarers nabbed in Australia for cocaine trade. Raymond Carl Dela Cruz. *Philippine News Agency (PNA)*. 4 April 2022. Available from: <https://www.pna.gov.ph/articles/1171400> In a statement on Monday, the DFA said representatives of the Philippine Consulate General in Melbourne have talked to the four who were arrested for alleged “importation of a commercial quantity of border-controlled drugs”.

‘We’ll treat Russian seafarers fairly,’ say shipping leaders. Cichen Shen. *Lloyd’s List*. 5 April 2022. Available from: <https://loydlist.maritimeintelligence.informa.com/LL1140407/Well-treat-Russian-seafarers-fairly-say-shipping-leaders> Russian seafarers should be treated fairly and equally despite the invasion of Ukraine, according to shipping leaders.

Indian seafarers ensured global supply chains operational during pandemic: Minister. *The Hindu (India)*. 5 April 2022. Available from: <https://www.thehindu.com/news/national/indian-seafarers-ensured-global-supply-chains-operational-during-pandemic-minister/article65293123.ece> The role played by Indian seafarers in keeping the global supply chain operational can be gauged from the fact that even during the height of the COVID-19 pandemic, more than 2.1 lakh of them served on Indian and foreign ships in 2021, said Sarbananda Sonowal, Minister for Ports, Shipping and Waterways on Tuesday.

Government announces new measures to protect seafarers. *Clyde & Co LLP*. 6 April 2022. Available from: <https://www.clydeco.com/en/insights/2022/04/government-announces-measures-to-protect-seafarers> Following P&O Ferries’ decision to dismiss 800 workers last month, the government has announced a package of new measures designed to protect seafarers and other employees facing large scale redundancies, including so-called “fire and re-hire” tactics to change employment terms.

Focus Ukraine Crisis - International Maritime Shipping: Seafarers in Distress. Max Johns. *Hamburg School of Business Administration (HSBA)*. 6 April 2022. Available from: <https://www.hsba.de/en/hsba/news/news/detail/focus-ukraine-crisis-international-maritime-shipping-seafarers-in-distress> After the last humanitarian crisis at sea triggered by Corona, which trapped over 100,000 seafarers on their freighters, the situation for ships and especially ship crews in the war zone is now even more desperate: over 1,000 seafarers are currently stuck on their ships in Ukraine’s ports, with virtually no chance of leaving the area by sea.

NSML seeks more qualified Nigerian seafarers to aid shipping. *Ships & Ports*. 7 April 2022. Available from: <https://shipsandports.com.ng/nsml-seeks-more-qualified-nigerian-seafarers-to-aid-shipping/> The NLNG Ship Management Limited (NSML) has stressed the need for more qualified indigenous seafarers to aid LNG shipping in the country.

Ukraine: More than one hundred seafarers’ family members helped to escape conflict. *ITF Seafarers*. 7 April 2022. Available from: <https://www.itfseafarers.org/en/news/ukraine-more-one-hundred-seafarers-family-members-helped-escape-conflict> More than 100 people seeking refuge from the conflict in Ukraine have been supported to reach safety as part of a joint humanitarian initiative set up by the International Transport Workers’ Federation (ITF), the ITF Seafarers’ Trust, the Marine Transport Workers’ Trade Union of Ukraine (MTWTU) and global ship manager V. Group.

Indian crew stranded after tanker’s legal trouble in Sudan. Harry Papachristou. *TradeWinds*. 7 April 2022. Available from: <https://www.tradewindsnews.com/tankers/indian-crew-stranded-after-tanker-s-legal-trouble-in-sudan/2-1-1198600> A small tanker sold last year in the unwinding of the Xihe Group fleet has been entangled in a commercial dispute that left a dozen Indian seafarers stuck on it in Sudan.

Union leaders call for greater ‘inclusivity’ of women seafarers. Megawati Wijaya. *Lloyd’s List*. 8 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140460> Shipping firms should provide relevant support network and change their corporate culture to make the workplace more inclusive to women seafarers, Singapore Maritime Officers’ Union general secretary Mary Liew told Lloyd’s List.

ILO and IMO call for urgent action on seafarers stranded in Ukraine following Russian aggression. *International Labour Organization (ILO)*. 8 April 2022. Available from: https://www.ilo.org/global/about-the-ilo/newsroom/news/WCMS_841806/ An estimated 1,000 seafarers are currently stranded in Ukrainian ports and waters with dwindling vital supplies.

Russian military evacuating crew members trapped on ships in Mariupol. Matt Coyne. *TradeWinds*. 9 April 2022. Available from: <https://www.tradewindsnews.com/casualties/russian-military-evacuating-crew-members-trapped-on-ships-in-mariupol/2-1-1200406> Seafarers aboard four ships trapped in the besieged Ukrainian city of Mariupol have been taken by Russian forces and sent to Russia-controlled Donetsk.

Oman becomes 100th country to join Maritime Labour Convention 2006. *Times of Oman*. 10 April 2022. Available from: <https://timesofoman.com/article/115445> The Sultanate of Oman submitted the instrument of ratification of the Maritime Labour Convention 2006, as amended to the International Labour Organisation (ILO), on March 29, 2022, based on Royal Decree No.62/2021 that approved the accession of the Sultanate of Oman to the Maritime Labour Convention on October 26, 2021.

War crimes against seafarers and neutral merchant vessels warrant accountability. *Human Rights at Sea (HRAS)*. 11 April 2022. Available from: <https://www.humanrightsatsea.org/news/war-crimes-against-seafarers-and-neutral-merchant-vessels-warrant-accountability> The number of civilian deaths is rising exponentially day by day, as does incidents of indiscriminate attacks against civilians and civilian infrastructure.

Russian and Ukrainian seafarers: working together during a war. *BBC World Service*. 12 April 2022. Available from: <https://www.bbc.co.uk/sounds/play/w3ct3160> © Thousands of Russian and Ukrainian sailors crew cargo ships that carry goods around the world, so how are they coping living in such close quarters while their countries are at war?

Concern mounts for crew stranded in Mariupol. Sam Chambers. *Splash 247.com*. 12 April 2022. Available from: <https://splash247.com/concern-mounts-for-crew-stranded-in-mariupol/> Concern is mounting for the stranded crew in the besieged port of Mariupol as fighting in the city – and near the quayside – has ramped up with thousands of civilians dead and unconfirmed reports that Russian forces have used chemical weapons in the area.

Every single seafarer can contribute to greener shipping. *Bernhard Schulte Shipmanagement*. 12 April 2022. Available from: <https://www.bs-shipmanagement.com/media-centre/press-releases/every-single-seafarer-can-contribute-to-greener-shipping/> As part of a research and development project, Bernhard Schulte Shipmanagement (BSM) has for the first time investigated the influence of the behavioural change of individual seafarers on carbon emissions on selected ships managed by BSM Deutschland (BSMD).

Spotlight: Delivering the Things Seafarers Need in the Pandemic Era. Susan Huppert. *Maritime Executive*. 13 April 2022. Available from: <https://www.maritime-executive.com/editorials/spotlight-delivering-the-things-seafarers-need-in-the-pandemic-era> The 50-60 nationalities of seafarers employed on an average cruise ship find someone to serve them in return at the Canaveral Port Ministry.

Safety concerns raised following draft marking seafarer fatalities. *Nautilus International*. 13 April 2022. Available from: <https://www.nautilusint.org/en/news-insight/news/safety-concerns-raised-following-draft-marking-seafarer-fatalities/> Nautilus has added its voice to industry concerns after two separate seafarer fatalities, which occurred while officers carried out draft marking on vessels.

Ukraine: Stella Maris brings kindness and compassion. *Stella Maris*. 13 April 2022. Available from: <https://www.stellamaris.org.uk/ukraine-stella-maris-brings-kindness-and-compassion/> Stella Maris chaplains in Great Britain and around Europe are working tirelessly to support the immediate needs of the seafarers and their families, providing support such as SIM cards, food, transport, and temporary accommodation.

Investing on our seafarers' well-being. Carlos Salinas. *Manila Times*. 14 April 2022. Available from: <https://www.manilatimes.net/2022/04/14/business/maritime/investing-on-our-seafarers-well-being/1840015> Last April 9 was the Day of Valor in the Philippines, a day of remembering our heroes who gave up their lives for our freedom, and of giving recognition and showing gratitude to our modern-day heroes who make daily sacrifices to make our lives better.

Belgian shipowners reunite Ukrainian seafarers with their families. *Royal Belgian Shipowners' Association*. 16 April 2022. Available from: <https://kbrv.be/belgian-shipowners-reunite-ukrainian-seafarers-with-their-families/> The Royal Belgian Shipowners' Association has opened a temporary shelter where Ukrainian seafarers can reunite with their families who are fleeing the war-torn country after it has been invaded by Russia.

After months stuck on a merchant ship docked in Philly, Ukrainian sailors finally touch land. Marina Affo. *Philadelphia Inquirer (US)*. 20 April 2022. Available from: <https://www.inquirer.com/news/ukraine-ship-docked-philadelphia-humanitarian-parole-20220420.html> The seven Ukrainian sailors who have been stuck on a merchant ship docked in Philadelphia as Russia invaded their country have finally been allowed to come ashore — into the embrace of Philadelphia's Ukrainian community.

Cyprus Shipping Deputy Ministry supports seafarers impacted by Ukraine crisis by facilitating the opening of bank accounts. *Cyprus Shipping News*. 20 April 2022. Available from: <https://cyprusshippingnews.com/2022/04/20/cyprus-shipping-deputy-ministry-supports-seafarers-impacted-by-ukraine-crisis-by-facilitating-the-opening-of-bank-accounts/> The Cyprus Shipping Deputy Ministry has collaborated with the financial institutions in Cyprus to facilitate the opening of bank accounts for seafarers affected by the war in Ukraine.

At least 500 seafarers still stranded in Ukraine. Bridget Diakun. *Lloyd's List*. 20 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140552> At least 500 seafarers remain stranded in the Ukraine a month after the Russian incursion began, despite efforts to repatriate crew.

Gabes: Decision of travel ban against oil tanker “Xelo” crew. *Agence Tunis Afrique Presse (Tunisia)*. 20 April 2022. Available from: <https://www.tap.info.tn/en/Portal-Regions/15117885-gabes-decision-of> A travel ban decision was issued on Wednesday against the crew of the oil tanker “Xelo” which sank off Gabes, said the prosecutor at the Court of First Instance of Gabes.

Bulk carrier diverts as Ukrainian crew requests change before reaching Russia. Gary Dixon. *TradeWinds*. 21 April 2022. Available from: <https://www.tradewindsnews.com/bulkers/bulk-carrier-diverts-as-ukrainian-crew-requests-change-before-reaching-russia/2-1-1204337> Ukrainian seafarers on an Estonian bulker have asked to leave the vessel ahead of a port call in Russia.

Outlook: Surviving apartheid to make maritime history. *BBC World Service*. 21 April 2022. Available from: <https://www.bbc.co.uk/sounds/play/w3ct34vv> © Captain Knowledge Bengu battled racial discrimination to become the first black African ice pilot.

PH now has 9 active crew change hubs for seafarers. *Philippine News Agency (PNA)*. 25 April 2022. Available from: <https://www.pna.gov.ph/articles/1172917> Pursuant to the order given by Department of Transportation (DOTr) Secretary Art Tugade to establish more crew change hubs across the country, three more centers became operational in the ports of Zamboanga, Iloilo and in Puerto Princesa, Palawan.

War in Ukraine: Seafarers suffering human rights violations need our continued support. Emma Foley. *Global Maritime Forum*. 25 April 2022. Available from: <https://www.globalmaritimeforum.org/news/war-in-ukraine-seafarers-suffering-human-rights-violations-need-our-continued-support/> The Russian invasion of Ukraine has sent shockwaves around the world.

Hundreds of seafarers are still stranded in Ukraine waters – the legal rights of this profession are barely up to standard. Leïla Choukroune and Elisabeth Mavropoulou. *The Conversation*. 26 April 2022. Available from: <https://theconversation.com/hundreds-of-seafarers-are-still-stranded-in-ukraine-waters-the-legal-rights-of-this-profession-are-barely-up-to-standard-181507> While the world’s eyes have been on civilian casualties, forced displacement and potential war crimes on Ukrainian land, the plight of hundreds of seafarers trapped in commercial ships for the past several months has gone mostly unnoticed.

Asian Ship Owners Warn About the Lack of Crew Members in the Future. *Hellenic Shipping News*. 27 April 2022. Available from: <https://www.hellenicshippingnews.com/asian-ship-owners-warn-about-the-lack-of-crew-members-in-the-future/> On 21st April 2022, the 27th Interim Meeting of the Seafarers Committee (SC), Asian Shipowners’ Association (ASA), was held virtually.

Panama and Japan sign agreement to mutually recognize seafarer’s certificates. *Safety4Sea*. 27 April 2022. Available from: <https://safety4sea.com/panama-and-japan-sign-agreement-to-mutually-recognize-seafarers-certificates/> The Panama Maritime Authority (AMP) and the Ministry of Lands, Infrastructure, Transport and Tourism of Japan signed an agreement to mutually recognize for the first time the other country’s seafarer training certificates.

P&O Ferries: Nautilus issues statement on European Causeway incident. *Nautilus International*. 27 April 2022. Available from: <https://www.nautilusint.org/en/news-insight/news/po-ferries-nautilus-issues-statement-on-european-causeway-incident/> Nautilus International is highlighting the fact that the decision by P&O Ferries to sack experienced seafarers has directly led to an expensive multi-agency response, after the *European Causeway* lost power while sailing between Cairnryan and Larne yesterday.

Piracy survivors helped to rebuild after years in captivity. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 27 April 2022. Available from:

<https://www.seafarerswelfare.org/stories/piracy-survivors-helped-to-rebuild-after-years-in-captivity>

The four Iranian crew members suffered an unimaginable ordeal at the hands of the pirates.

Wave after wave of problems causes lowest level of seafarer satisfaction in eight years, says latest Seafarers Happiness Index. *Mission to Seafarers*. 28 April 2022. Available from:

<https://www.missiontoseafarers.org/news/wave-after-wave-of-problems-causes-lowest-level-of-seafarer-satisfaction-in-eight-years-says-latest-seafarers-happiness-index>

The latest Seafarers Happiness Index report, published today by The Mission to Seafarers, reveals the lowest levels of seafarer satisfaction for eight years, with the Index's measure of overall happiness decreasing from 6.41 to 5.85 and levels dropping across all categories. [Seafarers Happiness Index Q1 2022](#)

Seafarers' unions remember Hadisur Rahman, killed in Russia-Ukraine crossfire. *ITF Seafarers*. 28 April 2022. Available from:

<https://www.itfseafarers.org/en/news/seafarers-unions-remember-hadisur-rahman-killed-russia-ukraine-crossfire>

Today we mark International Workers' Memorial Day (IWMD).

As crew change problems fade, seafarer welfare must not lose the spotlight. Eric Priante

Martin. *TradeWinds*. 28 April 2022. Available from: <https://www.tradewindsnews.com/opinion/as-crew-change-problems-fade-seafarer-welfare-must-not-lose-the-spotlight/2-1-1206459>

Earlier in April, the Neptune Declaration's Crew Change Indicator showed a decrease in the percentage of seafarers who remain on board vessels after the end of their contracts.

SEARCH & RESCUE

Italy: Migrant rescue boat allowed to dock after waiting days. *Deutsche Welle (Germany)*.

6 April 2022. Available from: <https://www.dw.com/en/italy-migrant-rescue-boat-allowed-to-dock-after-waiting-days/a-61381360>

A boat carrying over 100 people was forced to stay at sea for days looking for a port to dock at.

Central Med: Rescues Continue to Rise On the Deadliest Sea Route to Europe, Pope Francis Denounces Malta's Treatment of Migrants and Condemns EU's Complicity in Libyan Abuse as Returns Continue Unabated. *European Council on Refugees and Exiles (ECRE)*. 8 April 2022.

Available from: <https://bit.ly/3MxDuty> IOM reports 318 dead or missing migrants on the central Mediterranean route in 2022 so far. In March alone, the NGO hotline Alarm Phone reported 131 dead or missing migrants on the central Mediterranean.

COSPAS SARSAT satellite technology deployment for enhanced maritime sector rescue under focus in South Africa this week. *South African Maritime Safety Authority (SAMSA)*.

12 April 2022. Available from: <https://blog.samsa.org.za/2022/04/12/copsas-sarsat-satellite-technology-deployment-for-enhanced-maritime-sector-rescue-under-focus-in-south-africa-this-week/>

South Africa and its member group of countries in the COSPAS SARSAT Programme, among them Australia; will have their gaze up in the skies above Africa for three full days this week, beginning on Tuesday, focussed on latest developments in satellite technology for the enhancement of maritime safety globally and in the southern hemisphere.

Tourist boat with 26 people missing off Hokkaido peninsula. *Kyodo News (Japan)*. 23 April 2022. Available from: <https://english.kyodonews.net/news/2022/04/2318a00c802f-breaking-news-tourist-boat-with-26-aboard-reports-flooding-off-hokkaido-coast-guard.html> A tourist boat with 26 crew and passengers including two children went missing in rough waters Saturday while sightseeing around the scenic Shiretoko Peninsula on Japan's northernmost main island of Hokkaido, the Japan Coast Guard said.

At least 6 dead, 48 rescued after migrant ship capsizes off Lebanon. *Radio France Internationale (RFI)*. 24 April 2022. Available from: <https://www.rfi.fr/en/middle-east/20220424-at-least-6-dead-48-rescued-after-migrant-ship-capsizes-off-lebanon> At least six people died, including a little girl, and almost 50 others were rescued after a migrant boat capsized off Lebanon, state media said, in the latest tragedy at sea off the crisis-hit country.

Fatalities from missing boat rise to 11 after girl confirmed dead. *Kyodo News (Japan)*. 25 April 2022. Available from: <https://english.kyodonews.net/news/2022/04/5ab9a7fd221b-fatalities-from-missing-boat-rise-to-11-after-girl-confirmed-dead.html> A child believed to be a 3-year-old girl was confirmed dead Monday, taking the death toll to 11 after a tourist boat with 26 passengers and crew aboard went missing in rough waters over the weekend off a World Heritage site on Japan's northernmost main island of Hokkaido, the coast guard and local officials said.

Mediterranean: 171 migrants rescued by NGO ships. *InfoMigrants*. 25 April 2022. Available from: <https://www.infomigrants.net/en/post/40067/mediterranean-171-migrants-rescued-by-ngo-ships> The humanitarian vessels *Ocean Viking* and *Geo Barents* both rescued groups of migrants in distress at sea off Libya over the weekend.

***Ocean Viking*: 295 migrants aboard after new rescue ops in Mediterranean.** *InfoMigrants*. 27 April 2022. Available from: <https://www.infomigrants.net/en/post/40129/ocean-viking-295-migrants-aboard-after-new-rescue-ops-in-mediterranean> The latest rescue operations carried out by the crew of the *Ocean Viking* took place in the Central Mediterranean on Tuesday night and Wednesday morning.

SHIP RECYCLING

Platform publishes South Asia Quarterly Update #29. *NGO Shipbreaking Platform*. 20 April 2022. Available from: <https://shipbreakingplatform.org/platform-publishes-south-asia-quarterly-update-29/> In this quarterly publication, the NGO Shipbreaking Platform informs about the shipbreaking industry in Bangladesh, India and Pakistan. [Report](#) 📄

International Shipbreaking in Texas Completes First Project After EU Ship Recycling Approval. Mike Schuler. *gCaptain*. 26 April 2022. Available from: <https://gcaptain.com/international-shipbreaking-eu-ship-recycling-regulation/> International Shipbreaking in Brownville, Texas has completed the first ship recycling project for an EU shipowner in compliance to the rigorous requirements of the EU Ship Recycling Regulation.

Fatal accident at Alang yard during cutting of BW Offshore vessel. *NGO Shipbreaking Platform*. 27 April 2022. Available from: <https://shipbreakingplatform.org/accident-alang-bwoffshore/> A worker lost his life while scrapping BW Offshore's Floating Production Storage and Offloading (FPSO) unit *CIDADE DE SAO VICENTE* (IMO 7380693) at an Indian beaching yard on 21 April.

SHIPBUILDING & SHIPREPAIR

Shipbuilding Supercycle. Dennis O'Neill. *Marine Professional (IMarEST)*. 1 April 2022. Available from: <https://www.imarest.org/themarineprofessional/the-long-read/6440-shipbuilding-supercycle> Environmental regulations, defence imperatives and a recovering global economy are driving shipbuilding demands to a new level — creating lucrative opportunities for shipyards, old and new, around the world.

Nearly half of new orders in Q1 were for ships ready for alternative fuels. Jens Thomsen. *ShippingWatch*. 6 April 2022. Available from: <https://shippingwatch.com/regulation/article13899333.ece> The proportion of new ships built for sailing on alternative fuels is increasing. LNG-powered vessels make up the majority of new tonnage says Clarksons Research.

HJ Shipbuilding develops dual-fuelled LNG container ship. *Yonhap News (South Korea)*. 14 April 2022. Available from: <https://en.yna.co.kr/view/AEN20220414004300320> South Korean shipyard HJ Shipbuilding & Construction Co. said Thursday it has succeeded in developing a dual-fuelled liquefied natural gas (LNG) container carrier that meets international environmental requirements.

Korea revises visa rules to secure more foreign workers for shipbuilders. Lee Kyung-min. *Korea Times*. 20 April 2022. Available from: https://www.koreatimes.co.kr/www/nation/2022/04/419_327609.html A total of 4,428 skilled foreign shipyard workers will be granted greater job opportunities at 335 small businesses partnering with seven local shipbuilding and marine companies, as the government eases rules on the E-7 visa, Tuesday.

Bureau Veritas, Vinssen and NTU Singapore to develop hydrogen fuelled vessels. *Bureau Veritas*. 26 April 2022. Available from: <https://marine-offshore.bureauveritas.com/newsroom/bureau-veritas-vinssen-and-ntu-singapore-develop-hydrogen-fuelled-vessels-venturing-future> Under the agreement, BV, Vinssen and EcoLabs, which is based in the university's Energy Research Institute @ NTU (ERI@N), will be working together to develop a pilot project in Singapore demonstrating hydrogen-based power generation by discovering in-depth knowledge about hydrogen to be used as an eco-friendly marine fuel by integrating hydrogen fuel cell systems on harbour crafts.

Newbuild prices set to surge as raw material cost rise squeezes yards. Irene Ang. *TradeWinds*. 27 April 2022. Available from: <https://www.tradewindsnews.com/shipyards/newbuild-prices-set-to-surge-as-raw-material-cost-rise-squeezes-yards/2-1-1207609> Newbuilding prices are set for another dramatic increase on the back of inflationary pressures and strong demand for new ships.

SHIPPING

Commercial interests hamper climate work in shipping. *University of Gothenburg (Sweden).* 31 March 2022. Available from: <https://www.gu.se/en/news/commercial-interests-hamper-climate-work-in-shipping> Instead of prioritising energy-efficient, sustainable sea transport, the focus is often on satisfying commercial interests when planning shipping routes.

Nigeria's consumer protection agency probes high cost of shipping services. *Ships & Ports.* 31 March 2022. Available from: <https://shipsandports.com.ng/nigerias-anti-competition-agency-probes-high-cost-of-shipping-services/> The Federal Competition and Consumer Protection Commission (FCCPC) said it has begun investigations of shipping companies over the high cost of shipping products to Nigeria.

The Perfect Storm: The Impact of COVID-19 on Shipping, Seafarers and Maritime Labour Markets. *International Chamber of Shipping (ICS).* April 2022. Available from: https://www.ics-shipping.org/wp-content/uploads/2022/04/The-Perfect-Storm_HSBA-and-ICS.pdf This research investigates macro and micro-effects of the COVID-19 pandemic on the shipping industry.

Gard Joins Companies Warning About Singapore HSFO Contamination. *Ship & Bunker.* 1 April 2022. Available from: <https://shipandbunker.com/news/apac/609578-gard-joins-companies-warning-about-singapore-hsfo-contamination> Insurance association Gard has joined the list of companies warning about a possible bunker contamination problem in Singapore.

Carbon Revenues From International Shipping: Enabling an Effective and Equitable Energy Transition. *World Bank.* 1 April 2022. Available from: <https://www.worldbank.org/en/topic/transport/publication/carbon-revenues-from-international-shipping> International shipping moves the world's clothes, electronics, and food from factories and farms to shops and households. [Technical Paper](#) [Summary for Policymakers](#)

Yara to set up Scandinavian green ammonia shipping fuel network. Victoria Klesty. *Reuters.* 1 April 2022. Available from: <https://www.reuters.com/business/sustainable-business/yara-set-up-scandinavian-green-ammonia-shipping-fuel-network-2022-04-01/> Norway's Yara and Azane Fuel Solutions have signed a deal to create a Scandinavian network of bunker terminals to supply ships with zero-carbon ammonia as marine fuel, the companies said on Friday.

Exclusive Ship fuel suppliers stop serving Russian vessels in the Med - sources. Jonathan Saul. *Reuters.* 1 April 2022. Available from: <https://www.reuters.com/world/europe/exclusive-ship-fuel-suppliers-stop-serving-russian-vessels-med-sources-2022-04-01/> Marine fuel sellers have stopped serving vessels flying the Russian flag at major European hubs including Spain and Malta in another blow to Moscow's exports, five industry sources with knowledge of the matter told Reuters.

The Lloyd's List Podcast: Five key forecasts for shipping. *Lloyd's List.* 1 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140385/The-Lloyds-List-Podcast-Five-key-forecasts-for-shipping> There may be storm clouds gathering over shipping, but for now at least the party is still in full swing for containers and dry bulk.

Shipowners must order 4,000 green ships a year to decarbonize shipping in time.

Tomas Kristiansen and Dag Holmstad. *ShippingWatch*. 4 April 2022. Available from: <https://shippingwatch.com/regulation/article13890242.ece> If the shipping industry is to deliver on its ambitions of halving CO2 emissions by 2050 or becoming completely carbon neutral, as some companies are aiming for, development needs to speed up considerably, says Jeremy Nixon, CEO of the world's sixth-largest container line, ONE.

Shipping's climate mitigation goals falling short says IPCC report. Paul Berrill. *TradeWinds*.

4 April 2022. Available from: <https://www.tradewindsnews.com/technology/shipping-s-climate-mitigation-goals-falling-short-says-ipcc-report/2-1-1196203> Without immediate and deep emissions reductions limiting global warming to 1.5°C is beyond reach, warned the Intergovernmental Panel on Climate Change (IPCC) report today on the Mitigation of Climate Change.

Decarbonisation in Shipping Podcast: Episode 5. *Clyde & Co LLP*. 4 April 2022. Available from:

<https://www.clydeco.com/en/insights/2022/04/decarbonisation-in-shipping-podcast-episode-5> Marie-Anne and Ioanna are joined by Martin Baber, Head of Chartering and Business Development, LNG and Offshore - MOL Europe and Africa to discuss MOL's own target to reach net zero by 2050 for greenhouse gas emissions.

London marine insurers label all Russian waters high risk. Jonathan Saul. *Reuters*. 4 April 2022.

Available from: <https://www.reuters.com/world/uk/london-marine-insurers-extend-high-risk-area-all-russian-waters-2022-04-04/> London's marine insurance market on Monday added all of Russia's waters to its list of areas deemed high risk, an advisory showed, which is likely to raise the cost of shipping and adds to the logistical pressures on Moscow.

Combating the sea of corruption in the maritime sector. Richard Chelin and Denys Reva.

Institute for Security Studies (ISS). 5 April 2022. Available from: <https://issafrica.org/iss-today/combating-the-sea-of-corruption-in-the-maritime-sector> Grand corruption in Africa's maritime sector has led to overfishing, resource scarcity and a rise in criminality, with coastal communities most affected.

CMA Shipping 2022: Disarray Around Decarbonization. Barry Parker. *gCaptain*. 6 April 2022.

Available from: <https://gcaptain.com/cma-shipping-2022-disarray-around-decarbonization/> The Connecticut Maritime Association conference wrapped up last week, bringing together hundreds of attendees to an "in person" setting.

Transforming enterprises through diversity and inclusion. *International Labour Organization*.

6 April 2022. Available from: https://www.ilo.org/actemp/publications/WCMS_841348/lang--en/index.htm This report presents the findings from one of the most comprehensive studies on equality, diversity and inclusion conducted by the ILO during a period of immense disruption as the impact of the COVID-19 pandemic was felt worldwide. [Report](#)

Israel mystery spill was 'tank washing not terrorism', says IOPC head. David Osler. *Lloyd's List*.

6 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140437> No responsibility has been established for the mystery oil spill in Israeli waters last year, and the incident is more likely down to tank washing than the deliberate act of Iranian environmental terrorism previously claimed by the Israeli government, according to the head of the International Oil Pollution Compensation Funds.

Shipping leaders value human element for industry transition. Xin Chen. *Lloyd's List*. 6 April 2022. Available from: <https://loydlist.maritimeintelligence.informa.com/LL1140433>
Maritime leaders have stressed the importance of ensuring seafarer training is accelerated equally to the rapid pace of technology progress in the industry.

International team nets €3.4M to advance ship-based carbon capture for maritime sector. *Hellenic Shipping News*. 7 April 2022. Available from: <https://www.hellenicshippingnews.com/international-team-nets-e3-4m-to-advance-ship-based-carbon-capture-for-maritime-sector/> A cross-boundary project involving science and industry experts has landed €3.4 million (total budget €4.9M) from an EU climate action fund to accelerate the uptake of ship-based carbon capture (SBCC) by international shipping companies.

Maersk's unpopular shore leave directives likely to end up in court. Sam Chambers. *Splash 247.com*. 7 April 2022. Available from: <https://splash247.com/maersks-unpopular-shore-leave-directives-likely-to-end-up-in-court/> Maersk's controversial shore leave directives during the pandemic are likely to end up in court.

Banks can help global shipping face energy transition issues. Elaine Lam. *Business Times (Singapore)*. 7 April 2022. Available from: <https://www.businesstimes.com.sg/opinion/banks-can-help-global-shipping-face-energy-transition-issues> Shipping is the backbone of international trade, responsible for 90 per cent of world commerce.

Singapore Maritime Foundation becomes first partner of Maritime Just Transition Task Force. *International Chamber of Shipping (ICS)*. 7 April 2022. Available from: <https://bit.ly/3tqCUXW> The Maritime Just Transition Task Force founded by the International Chamber of Shipping, the International Transport Workers' Federation and the UN Global Compact has announced that the Singapore Maritime Foundation has become its first public programme partner.

INTERVIEW: Monjasa Sees 'Uncertainties Like Never Before' for Bunker Industry in 2022. Jack Jordan. *Ship & Bunker*. 7 April 2022. Available from: <https://shipandbunker.com/news/world/756941> Global marine fuel supplier and trader Monjasa sees unprecedented uncertainty for the industry this year with the war in Ukraine leaving supply chains and global trade prospects in turmoil.

Report shows very little sampling of ship ballast water. Søren Pico. *ShippingWatch*. 8 April 2022. Available from: <https://shippingwatch.com/regulation/article13904601.ece>
To a great extent, ships are living up to tightened environmental requirements for ballast water, according to a report.

Technological advancement enhances women's contribution to development-Mrs Essel. Elizabeth Larkwor Baah. *Ghana News Agency*. 8 April 2022. Available from: <https://www.gna.org.gh/1.21452234> Technological advancement has enhanced women's participation in the maritime industry, previously dominated by men due to the nature of operations, which require a lot of physical strength.

Europe can be a global leader in shipping decarbonisation. Getting to Zero Coalition. *EurActiv*. 8 April 2022. Available from: <https://www.euractiv.com/section/shipping/opinion/europe-can-be-a-global-leader-in-shipping-decarbonisation/> The European Commission put forward a series of proposals to rein in shipping emissions as part of the "Fit for 55" legislative package.

Shani Ben-David is the First Woman to be Appointed as Captain in the Israeli Merchant Marine. *ZIM Integrated Shipping Services Ltd.* 10 April 2022. Available from: <https://investors.zim.com/news/news-details/2022/Shani-Ben-David-is-the-First-Woman-to-be-Appointed-as-Captain-in-the-Israeli-Merchant-Marine/default.aspx> Shani Ben-David, 39, was today appointed to the position of Captain.

Empowering women leaders for sustainable maritime industry. Izyan Munirah Mohd Zaideen. *The Sunday (Malaysia).* 11 April 2022. Available from: <https://www.thesunday.my/opinion/empowering-women-leaders-for-sustainable-maritime-industry-EL9058170> Women's leadership in the maritime industry is a controversial subject and the trend of women's rights has become a fascinating topic for debate, particularly in professions that are still dominated by men.

De-centralise cargo movement to ease shipping, says expert. *Hellenic Shipping News.* 11 April 2022. Available from: <https://www.hellenicshippingnews.com/de-centralise-cargo-movement-to-ease-shipping-says-expert/> There needs to be an effort to de-centralize cargo movement or at least reconsider the speed with which industry appears to be centralizing the distribution of goods, said Dave Casey, Group Chief Commercial Officer at GulfTainer.

VPS provides update on bunker fuel contamination cases in Singapore. *Manifold Times (Singapore).* 11 April 2022. Available from: <https://www.manifoldtimes.com/news/vps-provides-update-on-bunker-fuel-contamination-cases-in-singapore/> Marine fuels testing company VPS on Monday (11 April) provided an update on findings regarding contaminated bunkers delivered to vessels in the port of Singapore, following an earlier notice.

Shipping warned not to duck decarbonisation. David Osler. *Lloyd's List.* 11 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140477> Shipping is second only to oil among the industries facing significant challenges from decarbonisation and must make the environment central to its decision making, Citibank's chair of shipping has told an industry audience.

Shipowners' condemnation of Russia splits Ecsa membership. *Lloyd's List.* 11 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140480> Ten northern European national shipowners' associations have joined in a strongly worded condemnation of the Russian invasion of Ukraine and have indicated they will support even tougher sanctions against Russia than have already been adopted.

More than 40% of the energy used by the U.S. shipping fleet could be replaced with zero emissions solutions this decade, giving the U.S. enormous potential to lead shipping's decarbonisation. *University Maritime Advisory Services (UMAS).* 12 April 2022. Available from: <https://www.u-mas.co.uk/more-than-40-of-the-energy-used-by-the-u-s-shipping-fleet-could-be-replaced-with-zero-emissions-solutions-this-decade-giving-the-u-s-enormous-potential-to-lead-shippings-decarbonisation/> A new report by UMAS, commissioned by The Ocean Conservancy titled "The Maritime Fleet of the USA—the current status and potential for the future" shows, for the first time, the scale of U.S. shipping fleet emissions and opportunities to decarbonise the sector. [The Maritime Fleet of the USA – the current status and potential for the future](#)  [Understanding the US-flagged fleet](#)  [Mapping decarbonisation potential of clusters and routes](#) 

Methane escaping from 'green' gas-powered ships fuelling climate crisis – Investigation.

Transport & Environment. 13 April 2022. Available from:

<https://www.transportenvironment.org/discover/methane-escaping-from-green-gas-powered-ships-fuelling-climate-crisis-investigation/> Investigation into so-called 'green' liquid natural gas (LNG)

ships uncovers significant amounts of invisible methane being released into the atmosphere, exposing Europe's dirty secret at sea. [Methane at Sea: Finding the Invisible Climate Killer](#)

Executives call on EU to tighten climate law for shipping. Jens Thomsen. *ShippingWatch*.

13 April 2022. Available from: <https://shippingwatch.com/regulation/article13921679.ece>

Eight managing profiles at companies including Euronav, Maersk Tankers, Trafigura and Siemens Gamesa urge the EU to tighten its forthcoming climate package, Fit for 55, if the climate targets for shipping are to be achieved.

"Today is calm. If you do not take air raids and explosions into account". Tomas Kristiansen.

ShippingWatch. 13 April 2022. Available from:

<https://shippingwatch.com/carriers/Bulk/article13893293.ece> Director Gennadiy Ivanov explains to ShippingWatch how staff at Kronos Bulkers, continue to work from the office – digitally in other areas – as the port is mined and closed.

MPA: Glencore and PetroChina supplied contaminated bunkers to about 200 ships in the Port of Singapore. *Manifold Times (Singapore)*. 13 April 2022. Available from:

<https://www.manifoldtimes.com/news/mpa-glencore-and-petrochina-supplied-contaminated-bunkers-to-about-200-ships-in-the-port-of-singapore/>

The Maritime and Port Authority of Singapore (MPA) was notified on 14 March 2022 that a number of ships had been supplied with High Sulphur Fuel Oil (HSFO) containing high concentration levels of Chlorinated Organic Compounds (COC) (1,2-Dichloroethane, Tetrachloroethylene) in the Port of Singapore.

More green pledges are welcome — but watch for the fine print. *Lloyd's List*. 14 April 2022.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140524/> The COP26 climate change summit, and the brief outburst of green optimism it sparked at the end of 2021, feels like a long time ago.

The brands that are banding together to jumpstart clean fuels in transport and industry.

Terry Slavin. *Reuters*. 18 April 2022. Available from: <https://www.reuters.com/business/sustainable-business/brands-that-are-banding-together-jumpstart-clean-fuels-transport-industry-2022-04-18/>

The International Energy Authority estimates that half of the emissions reductions necessary to reach net-zero will come from technologies that are too nascent to be used commercially today.

Tanker pooling is a crucial tool for decarbonisation. Matthew Smith. *Splash 247.com*.

19 April 2022. Available from: <https://splash247.com/tanker-pooling-is-a-crucial-tool-for-decarbonisation/>

As consumers and financiers have better understood the pervasive nature of emissions, measuring, monitoring and ultimately reducing the carbon footprint of every step in the supply chain has become "table stakes" for end-users of oil and public stakeholders who drive regulators.

The Supply Chain: As Empty Containers Stack Up in the U.S., Challenges Persist.

Maritime Logistics Professional. 19 April 2022. Available from:

<https://www.maritimeprofessional.com/news/supply-chain-empty-containers-stack-375841>

According to a recent analysis by Container xChange, one of the many challenges for the supply chain now is the overflowing container depots in the U.S. and the pileup of empties that will push the container prices further downwards in the mid-term.

China's March marine fuel exports slide on COVID curbs. *Reuters*. 20 April 2022. Available from: <https://www.reuters.com/world/china/chinas-march-marine-fuel-exports-slide-covid-curbs-2022-04-20/> China's exports of marine fuel in March plunged 15% from a year ago, customs data showed on Wednesday, hit by high prices and COVID-19 curbs at domestic ports.

Shipping and ESG: sailing through a minefield. David Hughes. *Business Times (Singapore)*. 20 April 2022. Available from: <https://www.businesstimes.com.sg/transport/shipping-and-esg-sailing-through-a-minefield> When talking recently to a senior executive in a major London-based investment fund manager, the initials ESG (Environmental, Social, Governance) came up in almost every sentence.

Flag state's role in decarbonising the shipping industry. Thomas Klenum and Dallas Smith. *LNG Industry*. 20 April 2022. Available from: <https://www.lngindustry.com/special-reports/26042022> A major challenge facing shipowners today is: how are we going to meet the new MARPOL Annex VI requirements?

BIMCO publishes updated greenhouse gas position statement. Mette Kronholm Fraende. *BIMCO*. 20 April 2022. Available from: <https://www.bimco.org/news/priority-news/220420-bimco-publishes-updated-greenhouse-gas-position-statement> The Board of Directors of BIMCO has approved the organisation's updated greenhouse gas (GHG) position statement, elaborating on who it believes should pay for carbon pricing and warning that excessive retroactive measures could have negative unintended consequences.

Livestock carrier owner dismisses ILO abandonment reports. Harry Papachristou. *TradeWinds*. 20 April 2022. Available from: <https://www.tradewindsnews.com/esg/livestock-carrier-owner-dismisses-ilo-abandonment-reports/2-1-1203134> Owners of three livestock carriers listed as abandoned last month on the website of the International Labour Organisation (ILO) said the entry is misleading and that their crews are being paid in full.

How the IPCC report contradicts the EU's vision on shipping. Faig Abbasov. *EurActiv*. 20 April 2022. Available from: <https://www.euractiv.com/section/shipping/opinion/how-the-ipcc-report-contradicts-the-eus-vision-on-shipping/> The inclusion of natural gas in the European Commission's proposal on low-carbon shipping fuels is incompatible with the recommendations of the latest report by the Intergovernmental Panel on Climate Change, writes Faig Abbasov.

Misrepresenting status of methane slip risks delaying shipping's decarbonisation. *SEA-LNG*. 21 April 2022. Available from: <https://sea-lng.org/2022/04/misrepresenting-status-of-methane-slip-risks-delaying-shippings-decarbonisation/> Methane slip from LNG-fuelled vessels is a recognised problem that the maritime industry has been actively addressing for well over a decade.

Shipping decarbonisation needs to go beyond 'the West versus the rest'. *Lloyd's List*. 22 April 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1140596> There has long been global agreement that fighting climate change is a top priority for humanity over the next three decades.

Singapore: MPA revises Green Ship Programme to support maritime decarbonisation. Cheah Aun Aun. *Manifold Times (Singapore)*. 25 April 2022. Available from: <https://www.manifoldtimes.com/news/singapore-mpa-revises-green-ship-programme-to-support-maritime-decarbonisation/> The Maritime and Port Authority of Singapore (MPA) on Friday (22 April) issued Shipping Circular No. 7 of 2022 regarding a revision of the Green Ship Programme (GSP) for Singapore-flagged ships that will take effect from 1 May, 2022.

Commodities Titan Cargill Plans to Deploy Green Ships by 2030. Jack Wittels. *Bloomberg*. 25 April 2022. Available from: <https://www.bnnbloomberg.ca/commodities-titan-cargill-plans-to-deploy-green-ships-by-2030-1.1756484> Commodities trading giant Cargill Inc. expects some of its freight vessels to be powered by clean marine fuel before the end of this decade.

Crisis in Ukraine – an interview with Torunn Biller White. *Hellenic Shipping News*. 25 April 2022. Available from: <https://www.hellenicshippingnews.com/crisis-in-ukraine-an-interview-with-torunn-biller-white/> Torunn Biller White, Gard's Chief Risk Officer, talks with Senior Lawyer, Wan Jing Tan about the crisis in the Ukraine and how this has affected Gard and our Members and clients.

Singapore Bad Bunkers: What does 'Meets ISO 8217 Specification' actually mean? *Ship & Bunker*. 26 April 2022. Available from: <https://shipandbunker.com/news/world/586591> The recent 'bad bunkers' incident in Singapore has once again raised the importance of what it means for a marine fuel to meet the ISO 8217 specification.

Global shipping outlook: rebalancing with reshaped routes. *ING Bank N.V.* 26 April 2022. Available from: <https://think.ing.com/articles/global-shipping-outlook-rebalancing-with-reshaped-routes/> The shipping sector faces another extraordinary year, with ongoing supply chain frictions and the reshaping of routes in dry and liquid bulk markets following the war in Ukraine.

Green Seas: This charterer thinks it's 'logical' for charterers to pay for carbon. Eric Priante Martin. *TradeWinds*. 27 April 2022. Available from: <https://www.tradewindsnews.com/esg/green-seas-this-charterer-thinks-it-s-logical-for-charterers-to-pay-for-carbon/2-1-1205998> As the International Maritime Organization considers market-based measures such as a carbon tax to push shipping to cut its greenhouse gas footprint, shipowners have argued that charterers should pay that levy.

Green shipping a reality, says mining and shipping consortium. *Steel Times International*. 27 April 2022. Available from: <https://www.steeltimesint.com/news/green-shipping-a-reality-says-mining-and-shipping-consortium> The Global Maritime Forum is an international not-for-profit organization dedicated to shaping the future of global seaborne trade to increase sustainable long-term economic development and human wellbeing.

China's COVID lockdowns add to shipping backlog. What does it mean for Australia? Luke Radford. *ABC (Australia)*. 28 April 2022. Available from: <https://www.abc.net.au/news/rural/2022-04-28/china-lockdowns-drive-already-long-shipping-delays/101021770> The global shipping backlog is threatening to blowout into a multi-year saga as renewed lockdowns in China slow trading to a crawl at some of the largest ports in the world.

Shipping Fragmentation, Importance Deprioritise Decarbonisation. *Fitch Ratings*. 28 April 2022. Available from: <https://www.fitchratings.com/research/corporate-finance/shipping-fragmentation-importance-deprioritise-decarbonisation-28-04-2022> Fitch Ratings-London-28 April 2022: Global shipping's fragmentation and the public's less intense scrutiny of its emissions, along with its heavy debt burden and low margins, mean decarbonisation is a secondary issue for the industry, Fitch Ratings says.

Carbon-tracking start-up attracts big-name investors as it targets maritime sector. Dale Wainwright. *TradeWinds*. 29 April 2022. Available from: <https://www.tradewindsnews.com/finance/carbon-tracking-start-up-attracts-big-name-investors-as-it-targets-maritime-sector/2-1-1209035> A carbon-tracking start-up has secured backing from some major names in the shipping industry as it looks to develop its technology for the maritime sector.

RESEARCH

Poulsen RT, Viktorelius M, et al. **Energy efficiency in ship operations - Exploring voyage decisions and decision-makers.** *Transportation Research Part D: Transport and Environment*. January 2022. Available from:

<https://www.sciencedirect.com/science/article/pii/S1361920921004156> To mitigate climate change due to international shipping, the International Maritime Organization (IMO) requires shipowners and ship technical managers to improve the energy efficiency of ships' operations.

Todorov A. **Dire straits of the Russian Arctic: Options and challenges for a potential US FONOP in the Northern Sea Route.** *Marine Policy*. 8 March 2022. Available from:

<https://www.sciencedirect.com/science/article/pii/S0308597X22000677> Against the backdrop of growing tensions in the Arctic there are increasing discussions in the US on whether a Freedom of Navigation Operation (FONOP) is needed in the Northern Sea Route (NSR) to assert the state's disagreement with the Russian maritime claims in the Arctic.

Selig ER, Nakayama S, et al. **Revealing global risks of labor abuse and illegal, unreported, and unregulated fishing.** *Nature Communications*. 5 April 2022. Available from:

<https://www.nature.com/articles/s41467-022-28916-2> Labor abuse on fishing vessels and illegal, unreported and unregulated (IUU) fishing violate human rights, jeopardize food security, and deprive governments of revenues.

Campàs Velasco A. **Vulnerability and marginalisation at sea: maritime search and rescue, and the meaning of 'place of safety'.** *International Journal of Law in Context*. 6 April 2022. Available from:

<https://www.cambridge.org/core/article/vulnerability-and-marginalisation-at-sea-maritime-search-and-rescue-and-the-meaning-of-place-of-safety/02F2DF92166F4A2F6B8780E282500D4B>

This paper proposes an integrating interpretation of the term 'place of safety' in the International Convention on Maritime Search and Rescue, 1979, grounded in international human rights and refugee law.

Engtrø E. **A discussion on the implementation of the Polar Code and the STCW Convention's training requirements for ice navigation in polar waters.** *Journal of Transportation Security*.

12 April 2022. Available from: <https://link.springer.com/article/10.1007/s12198-021-00241-7>

In 2017, the International Maritime Organization (IMO) implemented the International Code for Ships Operating in Polar Waters (Polar Code), with mandatory requirements covering the Arctic and Antarctic Oceans.

Stopford M. **Maritime governance: piloting maritime transport through the stormy seas of climate change.** *Maritime Economics & Logistics*. 21 April 2022. Available from:

<https://link.springer.com/article/10.1057/s41278-022-00227-9> The new era of climate change and digital technology raises important issues about industry governance.

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maritimeknowledgecentre@imo.org

About the 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.