



**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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IMO NEWS & EVENTS

WHAT'S NEW

IMO Council decisions on Black Sea and Sea of Azov situation

The International Maritime Organization (IMO) held an extraordinary session of its Council (C/ES.35) on 10 and 11 March to address the impacts on shipping and seafarers of the situation in the Black Sea and the Sea of Azov. [More...](#)

New guidance for national emission reduction

The IMO-Norway [GreenVoyage2050](#) Project has published a new guide on the development of National Action Plans (NAPs) to address GHG (Greenhouse Gas) emissions from ships. The guide responds to IMO's resolution MEPC.327(75) on "Encouragement of Member States to develop and submit voluntary national action plans to address GHG emissions from ships" and builds upon the Ship Emissions Toolkit developed under the Global Maritime Energy Efficiency Partnerships Project (GloMEEP). [More...](#)

Progress on life cycle GHG emissions guidelines and impact assessment

Progress on developing draft lifecycle GHG and carbon intensity guidelines for marine fuels and assessment of impacts of GHG measures has been made by an IMO working group.

The session, held remotely, was attended by more than 430 participants from some 70 Member States, as well as from NGOs in consultative status with IMO. [More...](#)

IMO supports future women maritime leaders

The International Maritime Organization (IMO) sponsored Maritime SheEO leadership accelerator programme was officially launched at a virtual event held on International Women's Day 2022. The event was attended by more than 200 participants from across the globe, who heard from IMO Secretary-General Kitack Lim, Maritime SheEO Founder Sanjam Gupta, president of the Women's International Shipping & Trading Association (WISTA) Depina Theodosiou; International Chamber of Shipping President Guy Platten, and also some participants from the programme itself. [More...](#)

Coronavirus disease (COVID-19) Pandemic

The COVID-19 pandemic has significantly impacted the shipping industry and seafarers themselves over the past few years. IMO is working tirelessly at all levels to find solutions.

Key worker designation

Travel restrictions imposed by governments around the world and restricted access to vaccines have created significant hurdles to [crew changes and repatriation of seafarers](#). This has humanitarian and safety implications. IMO has urged its Member States to designate seafarers as key workers, so they can travel between the ships that constitute their workplace, and their countries of residence. [More...](#)

MEETING SUMMARIES AND SCHEDULE

Previous Meetings (REMOTE)

[Sub-Committee on Ship Systems and Equipment \(SSE 8\)](#) – 28 February-4 March 2022

Intersessional Working Group on the Reduction of GHG Emissions from Ships (ISWG-GHG 11) – 14-18 March 2022

[Legal Committee \(LEG 109\)](#) – 21-25 March 2022

Forthcoming Meetings (REMOTE)

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

Maritime Safety Committee (MSC 105) – 20-29 April 2022

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Legal Committee (LEG 109) – 21-25 March 2022 ([Opening](#) remarks)

Council 35th Extraordinary Session (C ES 35) – 10-11 March 2022 ([Opening](#) remarks)

Sub-Committee on Ship Systems and Equipment (SSE 8) – 28 February-4 March 2022 ([Opening](#) remarks)

Sub-Committee on Human Element, Training and Watchkeeping (HTW 8) – 7-11 February 2022 ([Opening](#) remarks)

Launch of Maritime SheEO leadership accelerator programme – 8 March 2022 ([Opening](#) remarks)

[One Ocean Summit - Greening Maritime Corridors Forum: From R&D to zero emission ships](#) – 10 February 2022

IMO NEWS MAGAZINE

IMO PUBLISHING [Just Published 2022](#)

UNITED NATIONS

Teleworking during COVID: Risks, benefits and steps to a 'new normal'. *UN News.* 2 February 2022. Available from: <https://news.un.org/en/story/2022/02/1111062> More than two years since COVID-19 began disrupting office life around the world, crucial changes are needed to safeguard health while teleworking.

COVID's pushed us 'further off course' from Global Goals: Mohammed. *UN News.* 3 February 2022. Available from: <https://news.un.org/en/story/2022/02/1111252> The triple planetary crisis of climate change, biodiversity loss and pollution is worsening, the deputy UN chief told a new coordination meeting of the Economic and Social Council (ECOSOC) on Thursday, reminding that the world has less than nine years left to reach the ambitious Sustainable Development Goals (SDGs).

World must 'change track' to protect oceans from climate crisis: Guterres. *UN News.* 11 February 2022. Available from: <https://news.un.org/en/story/2022/02/1111772> The planet is facing the triple crises of climate disruption, biodiversity loss and pollution, Secretary-General António Guterres told the One Ocean Summit on Friday, warning that "the ocean shoulders much of the burden".

UN's Investigative Arm Launches Survey to Probe Racism & Discrimination in World Body. *Inter Press Service (IPS).* 11 February 2022. Available from: <https://www.ipsnews.net/2022/02/uns-investigative-arm-launches-survey-probe-racism-discrimination-world-body/> The Joint Inspection Unit (JIU)– the UN's only independent external oversight body mandated to conduct evaluations, inspections and investigations– is conducting a survey probing the widespread racism and discrimination in the world body.

Radio: The universal medium that leaves no one behind. *UN News.* 13 February 2022. Available from: <https://news.un.org/en/story/2022/02/1111882> In the age of new communication technologies and social media, the International Telecommunications Union (ITU) recently announced the designation of new FM frequencies to expand radio's reach in Africa.

Pandemic recovery must put people first: UN Secretary-General. Kjersti Aalbu. *UN News.* 22 February 2022. Available from: <https://news.un.org/en/story/2022/02/1112472> People must be at the heart of post-pandemic recovery, UN Secretary-General António Guterres told a global meeting that opened on Tuesday to examine the economic and social impact of the crisis.

Russia blocks Security Council action on Ukraine. *UN News.* 26 February 2022. Available from: <https://news.un.org/en/story/2022/02/1112802> Russia vetoed a UN Security Council resolution on Friday that would have demanded that Moscow immediately stop its attack on Ukraine and withdraw all troops, a move several Council members said was deplorable, but inevitable.

CASUALTIES

Seafarer lost overboard from Sarfo cargo ship off Turkey. Gary Dixon. *TradeWinds*.

31 January 2022. Available from: <https://www.tradewindsnews.com/casualties/seafarer-lost-overboard-from-sarfo-cargo-ship-off-turkey/2-1-1159902> A crew member is missing presumed dead after going overboard from a general cargo ship off Turkey.

Maersk drops 750 boxes in ocean, customers seek damages. Niklas Krigslund. *ShippingWatch*.

31 January 2022. Available from: <https://shippingwatch.com/carriers/Container/article13690171.ece> A ship from A.P. Moller-Maersk last year lost around 750 containers at sea when sailing into a storm en route from China to the US.

Crew of 18 airlifted from bulker after collision off Dutch coast. Richard Meade. *Lloyd's List*.

31 January 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139718> Dutch rescue helicopters have airlifted 18 crew from the bulk carrier *Julietta D* (IMO: 9590618) after a collision with a combined chemical and oil tanker *Pechora Star* (IMO: 9488322) off the coast of Yumiden, Netherlands on Monday.

Covid restrictions blamed for officer's fatal fall from Oldendorff bulker. Gary Dixon.

TradeWinds. 1 February 2022. Available from: <https://www.tradewindsnews.com/casualties/covid-restrictions-blamed-for-officer-s-fatal-fall-from-oldendorff-bulker/2-1-1160763> Turkish media have claimed Chinese Covid-19 restrictions contributed to the fatal fall of a chief officer from an Oldendorff Carriers bulker.

UPDATED: Fears mount for crew and environment after Nigeria FPSO explosion. *Upstream*.

3 February 2022. Available from: <https://www.upstreamonline.com/safety/updated-fears-mount-for-crew-and-environment-after-nigeria-fpso-explosion/2-1-1162716> A floating production, storage and offloading vessel in Nigeria has been destroyed by an explosion, with fears growing over the fate of its crew.

Nigerian oil production and storage vessel explodes. Tife Owolabi. *Reuters*. 3 February 2022.

Available from: <https://www.reuters.com/business/energy/nigerian-oil-production-vessel-explodes-2022-02-03> An oil production and storage vessel exploded off the coast of Nigeria early on Wednesday with 10 crew members on board though it was unclear if there were any casualties or how much crude might have spilled into the sea.

NUPRC commences investigation into SEPCOL vessel explosion. *Ships & Ports*.

4 February 2022. Available from: <https://shipsandports.com.ng/nuprc-commences-investigation-into-sepcol-vessel-explosion/> The Nigerian Upstream Petroleum Regulatory Commission (NUPRC) has commenced investigations into the explosion of a floating production, storage and offloading (FPSO) vessel in Warri, Delta state.

3 Die, 12 Missing As Oil Vessel Explodes In Delta. Felix Igbekoyi. *Leadership (Nigeria)*.

4 February 2022. Available from: <https://leadership.ng/just-in-10-oil-workers-missing-as-vessel-explodes-in-delta/> At least three oil workers have been feared dead after a Floating Production, Storage and Offloading (FPSO) vessel exploded on Wednesday in Delta State.

FPSO Explodes and Sinks off Nigeria with 10 Aboard. *Maritime Executive*. 4 February 2022.

Available from: <https://www.maritime-executive.com/article/fpso-explodes-and-sinks-off-nigeria-with-10-aboard> An aging tanker that was operating as a floating oil production and storage vessel (FPSO) exploded and caught fire before sinking off the coast of Nigeria on Wednesday, February 2.

Exploded Nigerian oil storage vessel was 'old, badly maintained' - sources. Tife Owolabi and Julia Payne. *Reuters*. 5 February 2022. Available from: <https://www.reuters.com/world/africa/exploded-nigerian-oil-storage-vessel-was-old-badly-maintained-sources-2022-02-04/> An oil vessel used for storage that exploded off the coast of Nigeria this week had not been maintained for sometime and had technical issues, two sources and an environmental group said on Friday, as its wreckage lay in the sea after the fire was put out.

Mauritian oil tanker stranded off the coast of Reunion Island. *Africanews*. 5 February 2022. Available from: <https://www.africanews.com/2022/02/05/mauritian-oil-tanker-stranded-off-the-coast-of-reunion-island/> Heavy weather following cyclone Batsirai has caused the Mauritian oil tanker, *Tresta star*, to run aground on the South coast of the French island of La Réunion, on Friday.

One dead, 3 found alive after SEPCOL oil vessel explosion. *Ships & Ports*. 7 February 2022. Available from: <https://shipsandports.com.ng/one-dead-3-found-alive-after-sepcol-oil-vessel-explosion/> Three out of the ten crew members on board the oil vessel that exploded and sunk around Escravos, Warri, last week have been found alive, the owner of the vessel, Shebah Exploration & Production Company Limited (SEPCOL) has said.

SEPCOL Explosion: More Bodies Recovered, Four Still Missing. *This Day (Nigeria)*. 8 February 2022. Available from: <https://www.thisdaylive.com/index.php/2022/02/08/sepcol-explosion-more-bodies-recovered-four-still-missing/> Two more bodies have been recovered from the Floating Production Storage and Offloading (FPSO) facility, belonging to Shebah Exploration & Production Company Limited (SEPCOL) which exploded in Warri, Delta State, last Wednesday.

10 killed, 11 missing after Spanish fishing boat sinks off Newfoundland coast. *Canadian Broadcasting Corporation (CBC)*. 15 February 2022. Available from: <https://www.cbc.ca/news/canada/newfoundland-labrador/spanish-fishing-vessel-1.6352082> A Spanish fishing boat sank off the coast of Newfoundland, killing at least 10 people, a Spanish official said Tuesday.

Canada Marks 40 Years Since the *Ocean Ranger* Sinking. Mike Schuler. *gCaptain*. 15 February 2022. Available from: <https://gcaptain.com/canada-marks-40-years-since-the-ocean-ranger-sinking> It's been 40 years since the semi-submersible drilling rig *Ocean Ranger* sank off the coast of Newfoundland during an intense North Atlantic storm with the loss of all 84 crew members, resulting in one of the offshore industry's worst disasters.

Blaze on MOL car carrier forces master to abandon ship off the Azores. Adam Corbett. *TradeWinds*. 17 February 2022. Available from: <https://www.tradewindsnews.com/casualties/blaze-on-mol-car-carrier-forces-master-to-abandon-ship-off-the-azores/2-1-1170382> The master of a Mitsui OSK Lines-operated car carrier has abandoned ship after a huge blaze broke out in the Atlantic.

Portuguese Navy in a rescue mission after ship carrying cars catches fire in Atlantic. Fatima Bahtić. *Naval Today*. 17 February 2022. Available from: <https://www.navaltoday.com/2022/02/17/portuguese-navy-in-a-rescue-mission-after-ship-carrying-cars-catches-fire-in-atlantic/> The Portuguese Navy, through its Ponta Delgada Maritime Search and Rescue Coordination Center (MRCC Delgada), has coordinated a rescue mission after a ship carrying cars catches fire.

Crew safe after fire on vehicle carrier off Portugal. Bridget Diakun. *Lloyd's List*. 17 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139893> Vehicle carrier *Felicity Ace* (IMO: 9293911), which was travelling from Germany to the US, reported a fire in one of its cargo decks at around 11:30 CET off the coast of Portugal yesterday.

Ferry fire: Eleven missing as hundreds rescued off Corfu. *BBC News*. 18 February 2022. Available from: <https://www.bbc.co.uk/news/world-europe-60428292> 📰 Eleven people are missing after a ferry burst into flames near the Greek island of Corfu on Friday, authorities say.

Salvage tug races to save MOL's fire-ravaged car carrier loaded with Porsches. Adam Corbett. *TradeWinds*. 18 February 2022. Available from: <https://www.tradewindsnews.com/casualties/salvage-tug-races-to-save-mol-s-fire-ravaged-car-carrier-loaded-with-porsches/2-1-1171075> Mitsui OSK Lines says salvage services are set to reach its car carrier — drifting dangerously in the Atlantic without a crew — today.

Unusual pilot practice leads to collision. *Marine Professional (IMarEST)*. 18 February 2022. Available from: <https://www.imarest.org/themarineprofessional/troublespot/6393-unusual-pilot-practice-leads-to-collision> In the early hours of Sunday 21 January 2018, the pilot cutter *Pollux* and bulk carrier *Nord Taurus* collided one nautical mile off the Netherlands coast — moments after a pilot had managed to step safely from *Nord Taurus* and onto another pilot vessel, the *Perseus*.

Grimaldi and truck drivers trade barbs over deadly ferry fire. Harry Papachristou. *TradeWinds*. 21 February 2022. Available from: <https://www.tradewindsnews.com/casualties/grimaldi-and-truck-drivers-trade-barbs-over-deadly-ferry-fire/2-1-1171635> A ropax fire that cost the life of at least one passenger in Greece may have been caused by a truck driver spending the night in their vehicle instead of their cabin.

Firefighters struggle to douse fire on luxury cars vessel off Azores islands. *Reuters*. 21 February 2022. Available from: <https://www.reuters.com/world/europe/firefighters-struggle-douse-fire-luxury-cars-vessel-2022-02-20/> Firefighters are struggling to put out a fire that broke out on Wednesday on a vessel carrying thousands of luxury cars, which is adrift off the coast of Portugal's Azores islands, a port official said, adding it was unclear when they would succeed.

Box spill off the Netherlands. Sam Chambers. *Splash 247.com*. 21 February 2022. Available from: <https://splash247.com/box-spill-off-the-netherlands/> 📰 The Dutch coastguard spent the weekend trying to find 26 empty containers which fell off the 6,350 teu *Marcos V* near the Wadden Islands during high winds encountered from Storm Eunice which battered much of northern Europe last week.

Cost of *Felicity Ace* Ro/Ro Fire Could Top \$400 Million. *Maritime Executive*. 21 February 2022. Available from: <https://www.maritime-executive.com/article/cost-of-felicity-ace-ro-ro-fire-could-top-400-million> The estimated cost of the *Felicity Ace* fire may be far greater than previously believed due to the high value of the luxury cars in her vehicle holds, according to an independent insurance consultancy.

Maersk lost 962 containers at sea in 2021: "Far above the norm". Dag Holmstad. *ShippingWatch*. 21 February 2022. Available from: <https://shippingwatch.com/carriers/Container/article13753622.ece> Several customers have sued Maersk, which, like other carriers, risks increased insurance premiums.

Deadly Nigerian Oil-Blast Ship Has Peers All Over the World. Paul Burkhardt and Julian Lee. *Bloomberg*. 21 February 2022. Available from: <https://www.bnnbloomberg.ca/deadly-nigerian-oil-blast-ship-has-peers-all-over-the-world-1.1726477> The decades-old, oil-storage ship that blew up off the coast of Nigeria recently—killing some of its crew and spewing its contents into the Atlantic Ocean—is one of many vessels of similar vintage dotted across the globe.

SEPCOL: Death toll rises to four as another body found after explosion. *Ships & Ports*. 22 February 2022. Available from: <https://shipsandports.com.ng/sepcol-death-toll-rises-to-four-as-another-body-found-after-explosion/> One more body has been recovered after the explosion of an oil storage vessel off the Nigerian coast over two weeks ago, bringing the death toll to four.

Oil tanker runs aground off Kavaratti coast. *New Indian Express*. 22 February 2022. Available from: <https://www.newindianexpress.com/states/kerala/2022/feb/22/oil-tanker-runs-aground-off-kavaratti-coast-2422235.html> *MV Thilaakkam*, an oil tanker transporting fuel to Lakshadweep Islands from Kochi, ran aground while entering Kavaratti port on Monday.

Video: Tanker Ashore on Reunion Island Breaks Apart in Cyclone. *Maritime Executive*. 22 February 2022. Available from: <https://www.maritime-executive.com/article/video-tanker-ashore-on-reunion-island-breaks-apart-in-cyclone> 📺 The 2,924 dwt tanker *Tresta Star* that was driven ashore nearly three weeks by a cyclone in the Indian ocean has now broken apart with reports of an oil slick after a second cyclone struck Reunion Island on Sunday.

What's Wrong With All the Ships? David A. Graham. *The Atlantic*. 24 February 2022. Available from: <https://www.theatlantic.com/ideas/archive/2022/02/whats-wrong-with-all-the-ships/622896/> Do recent boat disasters actually point to a global shipping industry in distress?

Cargill-chartered Turkish bulker hit by shell in Black Sea. Holly Birkett and Harry Papachristou. *TradeWinds*. 24 February 2022. Available from: <https://www.tradewindsnews.com/bulkers/cargill-chartered-turkish-bulker-hit-by-shell-in-black-sea/2-1-1174201> An ultramax bulker controlled by Yasa Shipping of Turkey has been hit by a projectile while underway from the port of Odessa, Ukraine.

Bomb hits Turkish-owned ship off Ukraine's Odessa. *Daily Sabah (Turkey)*. 24 February 2022. Available from: <https://www.dailysabah.com/world/europe/bomb-hits-turkish-owned-ship-off-ukraines-odessa> A Turkish-owned ship was hit by a bomb off the coast of Ukraine's port city of Odessa on Thursday, Turkey's Maritime General Directorate said.

Close quarters near miss between cruise vessel *Maud* and ro-ro ferry *Gardenia Seaways*. *UK Government*. 25 February 2022. Available from: <https://www.gov.uk/maib-reports/close-quarters-near-miss-between-cruise-vessel-maud-and-ro-ro-ferry-gardenia-seaways> At about 0230 on 4 November 2021, the cruise vessel *Maud* and roll-on/roll-off (ro-ro) ferry *Gardenia Seaways* passed each other at an approximate distance of 130m in the vicinity of the North Shipwash Buoy, to the north of Harwich Haven Authority jurisdictional limits.

Ships hit by missiles as Ukraine forces defend Odessa and Mariupol. Declan Bush. *Lloyd's List*. 25 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139981> Two more ships have sustained missile strikes as Ukraine fights to defend the ports of Odessa and Mariupol from Russian forces.

Russian warships hit Filipino-manned merchant vessels. Carmela I. Huelar. *Manila Times*. 26 February 2022. Available from: <https://www.manilatimes.net/2022/02/26/business/maritime/russian-warships-hit-some-merchant-ships-manned-by-filipinos/1834377> Three merchant vessels manned by Filipinos have been hit by Russian ships, which have been deployed in the invasion of Ukraine.

Ukraine says two commercial ships hit by Russian missiles near Odessa port. Julia Payne. *Reuters*. 26 February 2022. Available from: <https://www.reuters.com/world/europe/moldovan-flagged-tanker-hit-by-missile-ukraine-coast-2022-02-25/> Ukraine said Russian warships shelled a Moldovan-flagged chemical tanker and a Panamanian-flagged cargo ship due to load grain near Odessa port in the Black Sea on Friday, one day after Russia began a full-scale invasion of Ukraine.

Japan firm-owned cargo ship hit by missile off Ukraine, 1 hurt. *Kyodo News (Japan)*. 26 February 2022. Available from: <https://english.kyodonews.net/news/2022/02/3ecacda4d2b7-update1-japan-firm-owned-cargo-ship-hit-by-missile-off-ukraine.html> A cargo ship owned by a Japanese firm was hit by a missile off the coast of Ukraine in the Black Sea on Friday, injuring one crew member, the marine transportation firm in western Japan said Saturday, as heavy fighting ensued following the Russian invasion of its former Soviet neighbour.

ENVIRONMENT

Island States must bolster resilience to existential climate threats. *UN News*. 2 February 2022. Available from: <https://news.un.org/en/story/2022/02/1111112> The massive volcanic eruption and tsunami in Tonga followed by another earthquake and aftershocks just days afterwards, has highlighted once again the vulnerability of Small Island Developing States (SIDS), a meeting this week convened by the Food and Agriculture Organization (FAO) has heard.

France launches inquiry after spill of over 100,000 dead fish off Atlantic coast. Arnaud Siad and Hannah Ryan. *CNN*. 6 February 2022. Available from: <https://edition.cnn.com/2022/02/05/europe/dead-fish-french-coast-intl-scli/index.html> A spill of more than 100,000 dead fish in the Atlantic Ocean off the French coast has been described by the French Maritime Minister as “shocking” in an incident that has drawn the attention of environmental activist groups.

Samsung Repurposes Discarded Fishing Nets For New Galaxy Devices. *Samsung Electronics*. 6 February 2022. Available from: <https://news.samsung.com/us/samsung-repurposes-discarded-fishing-nets-new-galaxy-devices-unpacked-2022/> In a move that combines sustainability and innovation, Samsung Electronics developed a new material that gives ocean-bound plastics new life as they're incorporated into various Galaxy devices.

How overfishing threatens the world's oceans—and why it could end in catastrophe. Amy McKeever. *National Geographic*. 8 February 2022. Available from: <https://www.nationalgeographic.co.uk/environment-and-conservation/2022/02/how-overfishing-threatens-the-worlds-oceans-and-why-it-could-end-in-catastrophe> Scientists have long been sounding the alarm about a looming catastrophe of ocean overfishing—the harvesting of wildlife from the sea at rates too high for species to replace themselves.

France summit seeks action on ocean protection. *Phys.org*. 8 February 2022. Available from: <https://phys.org/news/2022-02-france-summit-action-ocean.html> World leaders, scientists and major companies gather in France this week to boost efforts to protect the oceans, which cover 70 percent of the planet but receive far less attention than land ecosystems.

Can you really carbon offset a power station? Sure – but it's unimpressive. Graham Readfearn. *The Guardian*. 9 February 2022. Available from: <https://www.theguardian.com/environment/2022/feb/10/can-you-really-carbon-offset-a-power-station-sure-but-its-unimpressive> EnergyAustralia is building a regular fossil fuel power station and buying carbon offsets based on its emissions.

Deep-Sea Mining: why now and how? *Watson Farley & Williams LLP*. 10 February 2022. Available from: <https://www.wfw.com/articles/deep-sea-mining-why-now-and-how/> Deep-sea mining has become a hot topic in recent months.

Indonesia to discuss blue economy, blue carbon during G20 presidency. *Antara*

News (Indonesia). 11 February 2022. Available from:

<https://en.antaranews.com/news/214805/indonesia-to-discuss-blue-economy-blue-carbon-during-g20-presidency> Indonesia will highlight the importance of the blue economy, blue carbon, and also marine debris handling during its Presidency of the G20, President Joko Widodo (Jokowi) has said.

UNEP establishes Copenhagen Climate Centre in collaboration with UNOPS. *United Nations Environment Programme (UNEP)*. 15 February 2022. Available from: <https://www.unep.org/news-and-stories/press-release/unep-establishes-copenhagen-climate-centre-collaboration-unops-0>

The United Nations Environment Programme (UNEP) today announced that its long-standing collaborating centre – the UNEP DTU Partnership a leading global research and advisory institution—will be renamed the UNEP Copenhagen Climate Centre and, moving forward, will be supported operationally by the United Nations Office for Project Services (UNOPS).

Most schemes to capture and reuse carbon actually increase emissions. Alex Wilkins.

New Scientist. 18 February 2022. Available from: <https://www.newscientist.com/article/2308935>

Most carbon capture and utilisation (CCU) technologies, which pull carbon dioxide from the air and use it for other emissions-lowering processes, emit more carbon than they capture.

Europe aims to scale up infrastructure for permanent carbon removals. Kira Taylor.

EurActiv. 22 February 2022. Available from: <https://www.euractiv.com/section/climate-environment/news/europe-aims-to-scale-up-infrastructure-for-permanent-carbon-removals/>

The European Commission is looking at ways of building up infrastructure for transporting and permanently storing CO₂ underground as well as recycling carbon into new products.

Climate change: a threat to human wellbeing and health of the planet. *Intergovernmental Panel on Climate Change (IPCC)*. 28 February 2022. Available from:

<https://www.ipcc.ch/report/ar6/wg2/resources/press/press-release/> Human-induced climate change is causing dangerous and widespread disruption in nature and affecting the lives of billions of people around the world, despite efforts to reduce the risks.

[IPCC Sixth Assessment Report: Climate Change 2022: Impacts, Adaptation and Vulnerability](#)

ENVIRONMENTAL POLLUTION

Ecuador oil spill pollutes river, protected Amazon area: Ministry. *Al Jazeera*. 31 January 2022.

Available from: <https://www.aljazeera.com/news/2022/1/31/ecuador-oil-spill-pollutes-river-protected-amazon-area-ministry> An oil spill in eastern Ecuador has reached a protected area of the nation's Amazon rainforest and contaminated a river that supplies water to Indigenous communities, Ecuador's environment ministry said.

Thai fishing crews fear five-year recovery after oil spill. *France 24*. 31 January 2022.

Available from: <https://www.france24.com/en/live-news/20220131-thai-fishing-crews-fear-five-year-recovery-after-oil-spill> The Thai navy is scrambling to clean up Tuesday night's spill from a pipeline that leaked at least 60 tonnes of crude oil 20 kilometres (12 miles) off the coast of Rayong province.

Abuja MoU chief, Captain Umoren decries oil spill by foreign vessels. *Ships & Ports*.

1 February 2022. Available from: <https://shipsandports.com.ng/abuja-mou-chief-captain-umoren-decries-oil-spill-by-foreign-vessels-2/> The Secretary General, Abuja Memorandum of Understanding on Port State Control (Abuja MoU), Captain Sunday Umoren, has decried the rate at which foreign vessels spill oil with impunity in the coastal regions of West and Central Africa.

Repsol says it will finish cleaning up Peru oil spill in late March. Marco Aquino. *Reuters*. 3 February 2022. Available from: <https://www.reuters.com/business/environment/repsol-says-it-will-finish-cleaning-up-peru-oil-spill-late-march-2022-02-03/> Spanish energy firm Repsol SA (REP.MC) said on Thursday it will only finish cleaning up a large oil spill off the coast of Peru in late March, pushing back an earlier timeline it had set of late February.

Stricter controls on chemical and plastic shipping are needed. *IPEN (International Pollutants Elimination Network)*. 7 February 2022. Available from: <https://ipen.org/news/stricter-controls-chemical-and-plastic-shipping-are-needed> Risks associated with the transport of chemicals and plastics in ever-larger container ships need to be addressed, say the authors of the first public study into the impacts on people and the environment of toxic chemicals released during the largest plastic pellet spill on record. [X-press pearl: a 'new kind of oil spill'](#)

Ocean plastic pollution to quadruple by 2050, pushing more areas to exceed ecologically dangerous threshold of microplastic concentration. *WWF*. 8 February 2022. Available from: https://wwf.panda.org/wwf_news/press_releases/?4959466 A new WWF-commissioned review of over 2,590 studies provides the most comprehensive analysis to-date of the alarming impact and scale of plastic pollution on ocean species and ecosystems. [Impacts of plastic pollution in the oceans on marine species, biodiversity and ecosystems](#)

'Oil spills of our time': experts sound alarm about plastic lost in cargo ship disasters. Karen McVeigh. *The Guardian*. 9 February 2022. Available from: <https://www.theguardian.com/environment/2022/feb/09/cargo-ship-disasters-are-oil-spills-of-our-time-because-of-health-risk-from-plastic> Container ship accidents at sea should be considered the “oil spills of our time”, warned environmental organisations that found a toxic mix of metals, carcinogenic and other harmful chemicals on plastic washed up on Sri Lanka’s beaches after a cargo ship fire.

Climate change: How barnacles and algae on ship hulls are driving up carbon emissions - and the small device that could be a 'game-changer'. Madeline Ratcliffe. *Sky News*. 10 February 2022. Available from: <https://bit.ly/3IRVKMn> A small device which emits tiny vibrations from the hull of a ship is a “game-changer” in the fight to make container vessels more environmentally friendly, its developer has said.

Maritime must face price of pollution — and prevarication. Terry Macalister. *TradeWinds*. 10 February 2022. Available from: <https://www.tradewindsnews.com/opinion/maritime-must-face-price-of-pollution-and-prevarication/2-1-1165057> The price of European Union allowances (EUA) for carbon on the bloc’s Emissions Trading System (EU ETS) hit €97 per tonne this week, with expectations that it will soon breach €100.

On Peru’s protected Fishermen’s Island, birds are still dying a month after oil spill. Marcelo Rochabrun. *Reuters*. 10 February 2022. Available from: <https://www.reuters.com/business/environment/perus-protected-fishermens-island-birds-are-still-dying-month-after-oil-spill-2022-02-10/> Peppered with fishing boats and thousands of hungry marine birds, from afar Peru’s protected Isla Pescadores - Spanish for Fishermen’s Island - looks much as it always has.

Thailand tackles 2nd offshore oil spill in 3 weeks. *Associated Press*. 11 February 2022. Available from: <https://apnews.com/article/oil-spills-business-thailand-environment-4c1699b0a899a8a0bef8ccfd3ae4fd74> Thai authorities scrambled Friday to contain the country’s second oil spill in less than three weeks in the Gulf of Thailand.

X-Press Pearl disaster: MEPA consults foreign legal experts. *The Morning (Sri Lanka)*. 13 February 2022. Available from: <https://www.themorning.lk/x-press-pearl-disaster-mepa-consults-foreign-legal-experts/> The Marine Environment Protection Authority (MEPA) held consultations with foreign legal experts yesterday (12), while the Government is preparing to file indictments against responsible parties in the coming weeks in relation to the *X-Press Pearl* disaster.

Company responsible for fuel spill off Newfoundland says it's working to mitigate impact. Kyle Mooney. *Canadian Broadcasting Corporation (CBC)*. 13 February 2022. Available from: <https://www.cbc.ca/news/canada/newfoundland-labrador/fuel-spill-alaskaborg-coast-guard-update-1.6350177> The owner of a cargo ship that dumped fuel into the waters south of Newfoundland says it is working to mitigate the impact of its accidental spill.

How 'forever chemicals' are using marine life to travel the world by sea. Anna Turns. *The Guardian*. 14 February 2022. Available from: <https://www.theguardian.com/environment/2022/feb/14/forever-chemicals-pcb-pfas-use-marine-life-to-travel-world-by-sea> When scientists found women in the remote Faroe Islands had unusually high concentrations of toxic industrial chemicals in their breast milk, it seemed a surprising discovery.

North Wales coast is monitored after oil pipeline spillage. Maya Wolfe-Robinson and Damien Gayle. *The Guardian*. 15 February 2022. Available from: <https://www.theguardian.com/uk-news/2022/feb/15/north-wales-coast-is-monitored-after-oil-pipeline-spillage> Authorities are monitoring parts of the north Wales coast for an oil slick after hydrocarbons were released into the sea following a pipeline failure.

Newfoundland oil spill a major concern for wildlife, says seabird biologist. *Canadian Broadcasting Corporation (CBC)*. 15 February 2022. Available from: <https://www.cbc.ca/news/canada/newfoundland-labrador/alaskaborg-oil-spill-sea-birds-1.6350766> A marine bird expert says wildlife is at risk after a cargo ship spilled roughly 30,000 litres of an oil-water mixture into the Atlantic Ocean off Newfoundland's south coast on Thursday.

1 month after oil spill, Lima's beaches empty, cleanup slow. Franklin Briceño. *Associated Press*. 17 February 2022. Available from: <https://apnews.com/article/oil-spills-business-peru-caribbean-environment-81688d1de9ecbba4f3f4ba06db095179> Dozens of beaches near Lima were deserted and thousands of fishermen remained without work Tuesday, one month after an oil spill at a refinery created what the United Nations called the worst ecological disaster in Peru's recent history.

Splashing down the International Space Station in the Pacific Ocean: Safe Disposal or Trashing the Ocean Commons? Vito De Lucia. *EJIL:Talk! Blog of the European Journal of International Law*. 23 February 2022. Available from: <https://www.ejiltalk.org/splashing-down-the-international-space-station-in-the-pacific-ocean-safe-disposal-or-trashing-the-ocean-commons/> The International Space Station (ISS) is reaching its end of life and will need to be disposed of.

An impending Red Sea disaster and Greece. Nikolas Katsimpras. *Ekathimerini (Greece)*. 23 February 2022. Available from: <https://www.ekathimerini.com/in-depth/analysis/1178116/> As all eyes are trained on Ukraine, there's another bomb just waiting to go off right in our backyard.

HEALTH & SAFETY

Fortune favours the prepared: Fixing the COVID-19 waste problem to build back better and tackle climate change. *World Health Organization (WHO)*. 31 January 2022. Available from: <https://www.who.int/news-room/feature-stories/detail/fortune-favours-the-prepared-fixing-the-covid-19-waste-problem-to-build-back-better-and-tackle-climate-change> When COVID-19 reached Lao People's Democratic Republic in early 2020, the country faced a waste problem — the volume of hazardous waste from its response to the pandemic, including masks and other personal protective equipment, quadrupled from 0.5 kilograms to 2 kilograms on average per person per day.

Mental health interventions for international seafarers during the COVID-19 Pandemic: a pilot study. Sanley Abila, Lijun Tang, Momoko Kitada, Serafin Malecosio and Rhea Subong. *World Maritime University*. January 2022. Available from: https://commons.wmu.se/cgi/viewcontent.cgi?article=1083&context=lib_reports The ongoing COVID-19 pandemic has highlighted the key role that seafarers play in the global supply chain.

COVID-19 crew change crisis: Have mental health interventions made a difference? *Lloyd's Register Foundation*. February 2022. Available from: <https://www.lrfoundation.org.uk/en/news/covid-19-crew-change-crisis/> A new report from an international research team, led by the University of the Philippines Visayas and funded by Lloyd's Register Foundation's small grants programme, reveals which interventions were offered to seafarers during the pandemic – and which they believed were most valuable in helping to manage mental health and wellbeing.

Virus enters Tonga along with disaster aid, lockdown planned. Nick Perry. *Associated Press*. 2 February 2022. Available from: <https://apnews.com/article/coronavirus-pandemic-health-new-zealand-australia-japan-0a39e4d762d2b241d26fc7b012d4aa5e> Tonga will enter a lockdown Wednesday evening after finding coronavirus infections in two port workers helping distribute aid arriving in the Pacific nation after a volcanic eruption and tsunami.

Healthy and safe telework: Technical brief. *World Health Organization (WHO)*. 2 February 2022. Available from: <https://www.who.int/publications/i/item/9789240040977> Telework, the practice of working remotely using informational technology, has an important and growing role in the workplace, and has a significant impact on the health, safety and wellbeing of workers. [Technical Brief](#)

Until now COVID-free, isolated Pacific islands hit with outbreaks as countries go into lockdowns. *ABC (Australia)*. 4 February 2022. Available from: <https://www.abc.net.au/news/2022-02-04/long-covid-free-isolated-pacific-islands-hit-with-outbreaks/100806888> For more than two years, the isolation of the Pacific archipelago nation of Tonga helped keep COVID-19 at bay.

Breaking point: Cases of psychosis among officers on the rise amid pandemic. Gary Dixon. *TradeWinds*. 7 February 2022. Available from: <https://www.tradewindsnews.com/insight/breaking-point-cases-of-psychosis-among-officers-on-the-rise-amid-pandemic/2-1-1162069> Cases of psychosis are on the increase among ship officers stretched to breaking point by the pandemic.

NAMMA Releases Survey Report on Seafarers' Ministries and Welfare in North America, 2022. Kevin Walker and Jason Zuidema. *Mare Report*. 10 February 2022. Available from: <https://marereport.namma.org/index.php/2022/02/10/namma-releases-survey-report-on-seafarers-ministries-and-welfare-in-north-america-2022> In January of 2022, the North American Maritime Ministry Association (NAMMA) distributed an online survey to its members, asking about the state of seafarers' welfare in their ports. [A Survey Report](#)

Overcoming challenges to set up Singapore's seafarer vaccination programme. *Seatrade Maritime News*. 16 February 2022. Available from: <https://www.seatrade-maritime.com/ship-operations/overcoming-challenges-set-singapores-seafarer-vaccination-programme> The Covid-19 pandemic has seen the Singapore Shipping Association (SSA) taking on roles normally outside its purview to assist the industry and its seafarers with crew change and vaccination.

RightShip Crew Welfare Self-Assessment Tool fails public transparency, accountability, and remediation review. *Human Rights at Sea (HRAS)*. 16 February 2022. Available from: <https://www.humanrightsatsea.org/news/rightship-crew-welfare-opinion> The RightShip Crew Welfare Self-Assessment Tool as part of the Seafarers Code of Conduct initiated by the Sustainable Shipping Industry (SSI) does not meet basic tests for public transparency, accountability, or remediation, while the flawed self-certification process includes the failure to identify and report egregious abuse and abusers through transparent public disclosure.

Omicron ripping through cargo ships may exacerbate shipping woes. *Hindu BusinessLine (India)*. 23 February 2022. Available from: <https://www.thehindubusinessline.com/news/world/omicron-ripping-through-cargo-ships-may-exacerbate-shipping-woes/article65076392.ece> Omicron is ripping through cargo ships, raising concerns that a surge in cases, coupled with China's tightened quarantine requirements for vessels, could delay supply chain stabilisation for the shipping industry.

IMO

Who Blocked the IMO From Passing New Midshipman X Initiatives? John Konrad. *gCaptain*. 10 February 2022. Available from: <https://gcaptain.com/who-blocked-the-imo-from-passing-new-midshipman-x-initiatives/> Did the US Coast Guard just block an important #MidshipmanX Sexual Assault And Harassment (SASH) initiative at the IMO?

UK Chamber President calls for greater action from the IMO. *UK Chamber of Shipping*. 14 February 2022. Available from: <https://ukchamberofshipping.com/latest/uk-chamber-president-calls-greater-action-imo/> Speaking at the UK Chamber of Shipping Annual Dinner last week, Chamber President John Denholm CBE called on the International Maritime Organisation to take more decisive action to cut emissions from the international shipping industry.

Cyprus Shipping Chamber Reappoints IMO Goodwill Maritime Ambassador. *Maritime Executive*. 14 February 2022. Available from: <https://www.maritime-executive.com/corporate/cyprus-shipping-chamber-reappoints-imo-goodwill-maritime-ambassador> The Cyprus Shipping Chamber welcomes the re-appointment of its Deputy Director General, Mr. Alexandros Josephides, as "International Maritime Organisation (IMO) Goodwill Maritime Ambassador" for Cyprus, for the period 2022-2023.

IMO enhances greenhouse gas plan. Carlos Salinas. *Manila Times*. 16 February 2022. Available from: <https://www.manilatimes.net/2022/02/17/business/maritime/imo-enhances-greenhouse-gas-plan/1833138> The climate crisis is real, and a greenhouse gas plan shall go a long way toward helping mitigate its effects.

United States Reappoints Carleen Lyden Walker as IMO Goodwill Maritime Ambassador. *All About Shipping*. 16 February 2022. Available from: <https://allaboutshipping.co.uk/2022/02/16/united-states-reappoints-carleen-lyden-walker-as-imo-goodwill-maritime-ambassador/> The International Maritime Organization (IMO) has just notified Carleen Lyden Walker, Co-Founder/Executive Director of NAMEPA (North American Marine Environment Protection Association) that the United States Government has reappointed her as an IMO Goodwill Maritime Ambassador.

MEPC's countdown to zero. Carly Fields. *Baltic Exchange*. 16 February 2022. Available from: <https://www.balticexchange.com/en/news-and-events/news/baltic-magazine/2022/mepcs-countdown-to-zero.html> With five months still to go, June's 78th session of the International Maritime Organisation's Marine Environmental Protection Committee is shaping up to be a seminal summit.

IMO chief says Euroferry Olympia blaze raises 'deep concern. Nigel Lowry. *Lloyd's List*. 22 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139919> The fatal blaze on board the ro-ro *Euroferry Olympia* (IMO: 9010175) has triggered "deep concern", International Maritime Organization secretary-general Kitack Lim has said, as efforts to locate 10 missing truck drivers entered a fifth day.

MAAP head named IMO ambassador. Yashika F. Torib. *Manila Times*. 23 February 2022. Available from: <https://www.manilatimes.net/2022/02/23/business/maritime/maap-head-named-imo-ambassador/1833876> Eduardo Ma. R. Santos, president of the Maritime Academy of Asia and the Pacific (MAAP), has been appointed as the Maritime Goodwill Ambassador of the Philippines in the International Maritime Organization (IMO).

LAW & POLICY

EU protects the Ocean. *European Union*. February 2022. Available from: <https://ec.europa.eu/commission/presscorner/api/files/attachment/871288> Healthier, cleaner and safer oceans are at the heart of the European Green Deal aiming to build a climate-neutral EU economy by 2050 and halting biodiversity loss.

Protecting the ocean, time for action. *European Commission*. February 2022. Available from: https://ec.europa.eu/oceans-and-fisheries/ocean/international-ocean-governance/protecting-ocean-time-action_en A high ambition coalition on Biodiversity Beyond National Jurisdiction (BBNJ) has been launched at the One Ocean Summit in Brest, on 11th of February 2022. [A High Ambition Coalition on Biodiversity beyond National Jurisdiction](#)

Dutch Detain Captain and Mate for Abandoning Drifting Bulker. *Maritime Executive*. 1 February 2022. Available from: <https://www.maritime-executive.com/article/dutch-detain-captain-and-mate-for-abandoning-drifting-bulker> In a strange twist to yesterday's dramatic sea rescue of the crew from a drifting bulker during a raging storm, Dutch authorities are now detaining the captain and chief mate from the *Julietta D*.

An Indo-Pacific test case: Tackling illegal fishing with counternarcotics tactics. Jeremy Greenwood. *Brookings Institution*. 1 February 2022. Available from: <https://www.brookings.edu/blog/order-from-chaos/2022/02/01/an-indo-pacific-test-case-tackling-illegal-fishing-with-counternarcotics-tactics/> Illegal, unreported, and unregulated fishing (IUU-F) has quickly become one of the largest environmental and economic issues facing the globe, as fish are responsible for providing an estimated 3.3 billion people with almost 20% of their average intake of animal protein.

Survey of gender bias in the IPCC. *Nature*. 1 February 2022. Available from: <https://www.nature.com/articles/d41586-022-00208-1> The Intergovernmental Panel on Climate Change needs to do more to include the expertise and voices of women, even as numbers and policies improve.

Deep ocean carbon drawdown not an easy climate fix. Phil Williamson. *Eco-Business*. 2 February 2022. Available from: <https://www.eco-business.com/opinion/deep-ocean-carbon-drawdown-not-an-easy-climate-fix/> More than 90 per cent of the extra heat from global warming has gone into the deep blue sea, with associated climate-driven changes reducing the productivity of fisheries and threatening more than 600 million people through sea-level rise.

A step forward for blue economy – Part 2. Bashir Jamoh. *The Guardian (Nigeria)*.

2 February 2022. Available from: <https://guardian.ng/business-services/a-step-forward-for-blue-economy-part-2/> The Federal Government recently took a bold step towards developing the nation's blue economy with the inauguration of the Expanded Committee on Sustainable Blue Economy in Nigeria by the Vice President, Professor Yemi Osinbajo, in Abuja. [Part 1](#)

As world drowns in plastic waste, U.N. to hammer out global treaty. Charles Pekow. *Mongabay*.

2 February 2022. Available from: <https://news.mongabay.com/2022/02/as-world-drowns-in-plastic-waste-u-n-to-hammer-out-global-treaty/> At the end of February, the United Nations Environment Assembly (UNEA) will tackle a challenging task: the creation of a landmark treaty to control plastic pollution worldwide.

EU carbon tax puts a price on shipping emissions. Isabelle Gerretsen. *China Dialogue*.

3 February 2022. Available from: <https://chinadialogue.net/en/transport/eu-carbon-tax-puts-a-price-on-shipping-emissions/> Ships emit around one billion tonnes of greenhouse gases every year, or 3% of global emissions.

EU: 2022 must see action on oceans, biodiversity, plastics. Edith M. Lederer. *Associated Press*.

4 February 2022. Available from: <https://apnews.com/article/climate-environment-united-nations-oceans-pollution-68adc70e074fcd17f2236d3e54d62c9> The European Union's environment chief said Thursday that 2022 must be the year for an ambitious agreement on the oceans, for action that protects the world's biodiversity, and for starting negotiations to tackle the global crisis of plastic pollution especially at sea.

Is it Time to Amend the Law of the Sea? Brian Gicheru Kinyua. *Maritime Executive*.

4 February 2022. Available from: <https://maritime-executive.com/editorials/is-it-time-to-amend-the-law-of-the-sea> It was amongst the first sessions convened to deliberate creation of a body of laws to govern the global oceans.

Crystal Cruises' Two Ships Arrested in the Bahamas. *Maritime Executive*. 5 February 2022.

Available from: <https://www.maritime-executive.com/article/crystal-cruises-two-ships-arrested-in-the-bahamas> Crystal Cruises' two ships after diverting to the Bahamas to avoid being detained in the United States have now been arrested by the Bahamian authorities.

UN praises 'positive' talks with Yemen sides on ageing oil tanker. *France 24*. 6 February 2022.

Available from: <https://www.france24.com/en/live-news/20220206-un-praises-positive-talks-with-yemen-sides-on-ageing-oil-tanker> The UN's humanitarian coordinator for war-torn Yemen said he held constructive talks with government officials and Huthi rebels over dealing with the threat posed by a rusting oil tanker abandoned offshore.

Isle of Man flag claims first with reduced fees for 'green' ships. Gary Dixon. *TradeWinds*.

7 February 2022. Available from: <https://www.tradewindsnews.com/esg/isle-of-man-flag-claims-first-with-reduced-fees-for-green-ships/2-1-1164075> The Isle of Man Ship Registry (IOMSR) says it will become the first flag to cut fees for vessels using "green" technology.

Climate pledges from top companies crumble under scrutiny. Jeff Tollefson. *Nature*.

7 February 2022. Available from: <https://www.nature.com/articles/d41586-022-00366-2> Study reviewing commitments from 25 high-profile businesses highlights the urgent need for a thorough system to evaluate industry's promises.

Maersk fires five employees after investigation into assault case. *ShippingWatch*.

8 February 2022. Available from: <https://shippingwatch.com/carriers/Container/article13716381.ece> Five employees have been fired after the investigation into the sexual assault claims from a US Merchant Marine Academy student.

Gabon provides blueprint for protecting oceans. *University of Exeter (UK)*. 8 February 2022. Available from: https://www.exeter.ac.uk/news/research/title_896436_en.html Gabon's network of Marine Protected Areas (MPAs) provides a blueprint that could be used in many other countries, experts say.

Major boost for offshore wind farm industry thanks to new legislation. *UK Maritime & Coastguard Agency*. 9 February 2022. Available from: <https://maritimecoastguard.blogspot.com/2022/02/major-boost-for-offshore-windfarm-industry-thanks-to-new-legislation.html> New rules proposed by the Maritime and Coastguard Agency to support the UK offshore wind farm industry are coming into force.

Achieving SDGs with blue economy. Bashir Jamoh. *The Guardian (Nigeria)*. 9 February 2022. Available from: <https://guardian.ng/business-services/achieving-sdgs-with-blue-economy/> The 2030 target set by the United Nations for the achievement of the Sustainable Development Goals (SDGs) is eight years from now.

Statutory guidance The High Speed Offshore Service Craft Code (HSOSC). *UK Maritime & Coastguard Agency*. 9 February 2022. Available from: <https://www.gov.uk/government/publications/the-high-speed-offshore-service-craft-code-hsosc/the-high-speed-offshore-service-craft-code-hsosc> The UK has the largest installed capacity of offshore wind, with around 10GW currently in operation off our coasts.

The EU's climate measures risk creating obstacles for each other. Maria Skipper Schwenn. *Danish Shipping*. 10 February 2022. Available from: <https://www.danishshipping.dk/en/press/news/the-eus-climate-measures-risk-creating-obstacles-for-each-other> The EU's good intentions of reducing greenhouse gas emissions from shipping could be hampered by two measures that interact poorly with each other.

UKHO supports maritime trade and economic growth in Belize. *UK Government*. 10 February 2022. Available from: <https://www.gov.uk/government/news/ukho-supports-maritime-trade-and-economic-growth-in-belize> The UK Hydrographic Office (UKHO) has started surveying the seabed of the southern waters of Belize as part of the UK government's Commonwealth Marine Economies (CME) Programme.

One Ocean Summit: new steps strengthen EU leadership in protecting the Ocean. *European Commission*. 11 February 2022. Available from: https://ec.europa.eu/commission/presscorner/detail/en/ip_22_843 The Commission is presenting today ambitious initiatives to promote a cleaner, healthier and safer ocean, as part of the EU's contribution to the One Ocean Summit hosted by France in Brest and a demonstration of EU's leading role in bringing a comprehensive response to oceans challenges.

The EBRD joins the Clean Oceans Initiative. Vanora Bennett. *European Bank for Reconstruction and Development (EBRD)*. 11 February 2022. Available from: <https://www.ebrd.com/news/2022/the-ebrd-joins-the-clean-oceans-initiative.html> The European Bank for Reconstruction and Development (EBRD) is joining the Clean Oceans Initiative (COI) to strengthen its action aimed at reducing ocean pollution, in particular from plastics.

Brest Commitments for the Oceans. *Government of France*. 11 February 2022. Available from: https://www.diplomatie.gouv.fr/IMG/pdf/brest_commitments_for_the_oceans_cle0dde15.pdf Brest Commitments for the Oceans Representatives of more than 100 countries from all sea basins and representing more than half the world's exclusive economic zones, have stated their determination to preserve the oceans by contributing to the "Brest Commitments for the Oceans", alongside the Secretary-General of the United Nations, the Director-General of UNESCO and the Secretary-General of the International Maritime Organization (IMO).

Protecting the ocean, time for action. *European Commission*. February 2022. Available from: https://ec.europa.eu/oceans-and-fisheries/ocean/international-ocean-governance/protecting-ocean-time-action_en A high ambition coalition on Biodiversity Beyond National Jurisdiction (BBNJ) has been launched at the One Ocean Summit in Brest, on 11th of February 2022.
[A High Ambition Coalition on Biodiversity beyond National Jurisdiction](#)

U.S. joins France in push for global treaty to cut ocean plastic pollution. Pamela Falk. *CBS News (US)*. 11 February 2022. Available from: <https://www.cbsnews.com/news/us-france-push-global-treaty-reduce-ocean-plastic-pollution/> The United Nations, the U.S. and France have set their sights on forging an ambitious U.N. treaty to reduce the amount of plastic pollution in the world's oceans.

Eleven additional governments commit to New Plastics Economy. *United Nations Environment Programme (UNEP)*. 11 February 2022. Available from: <https://www.unep.org/news-and-stories/story/eleven-additional-governments-commit-new-plastics-economy> Eleven new governments have announced today at the One Ocean Summit that they will join New Plastics Economy Global Commitment.

Pushing the Boundaries? Maritime Delimitation and evolving ICJ jurisprudence on International Law of the Sea. Tanzeel ur Rehman. *Modern Diplomacy*. 13 February 2022. Available from: <https://moderndiplomacy.eu/2022/02/13/pushing-the-boundaries-maritime-delimitation-and-evolving-icj-jurisprudence-on-international-law-of-the-sea/> Maritime delimitation is the process that involves “establishing lines separating from each other the maritime areas in which coastal states exercise sovereignty or jurisdiction”.

Ghana to deal with illegal, unregulated marine activities. Rex Mainoo Yeboah. *Ghana Today*. 14 February 2022. Available from: <https://ghanatoday.gov.gh/business/ghana-to-deal-with-illegal-unregulated-marine-activities/> President Nana Addo Dankwa Akufo-Addo has said Ghana is implementing a strategic plan to deal with illegal, unregulated and marine litter on its seas and fully supports a vigorous global treaties to combat plastic pollution and illegal marine activities on the high seas.

Joint call to action for a strategy on regional CO2 infrastructure in the Netherlands, Belgium and North Rhine-Westphalia. *Bellona Foundation*. 14 February 2022. Available from: <https://bellona.org/news/ccs/2022-02-joint-call-to-action-for-a-strategy-on-regional-co2-infrastructure-in-the-netherlands-belgium-and-north-rhine-westphalia> This letter, signed by a large group of civil society and private sector stakeholders from the Netherlands, Belgium and North-Rhine Westphalia, calls on the national and regional governments of the Netherlands, Belgium, Flanders, Wallonia, Germany, and North Rhine-Westphalia to accelerate and deepen their collaboration on industrial transformation planning.

Gov't built capacity to fully exploit maritime potentials. *Kenya News Agency (KNA)*. 15 February 2022. Available from: <https://www.kenyanews.go.ke/govt-built-capacity-to-fully-exploit-maritime-potentials/> The Government has rolled out various projects to resuscitate the Blue Economy and reposition it as a key player in the country's development agenda, Government Spokesman, Col. (Rtd.) Cyrus Oguna, has said.

Future International Trade Alliance. *Digital Container Shipping Association (DCSA)*. 15 February 2022. Available from: <https://dcsa.org/resource/future-international-trade-alliance/> Digital Container Shipping Association (DCSA), a neutral, non-profit group established to further digitalisation of container shipping technology standards, in conjunction with its nine member carriers, today announced the formation of the Future International Trade (FIT) Alliance with the signing of a memorandum of understanding (MOU) between DCSA, BIMCO, FIATA, the International Chamber of Commerce (ICC) and SWIFT in which the organisations commit to collaborating to standardise the digitalisation of international trade.

CDC lowers cruise warning to Level 3, 'high risk'. Anne Kalosh. *Seatrade Cruise News*. 15 February 2022. Available from: <https://www.seatrade-cruise.com/environmental-health/cdc-lowers-cruise-warning-level-3-high-risk> The US Centers for Disease Control and Prevention lowered its warning about cruise travel to Level 3, or 'high risk.'

Under-Secretary-General for Humanitarian Affairs and Emergency Relief Coordinator, Mr. Martin Griffiths - Statement to the Security Council on Yemen. *United Nations Office for the Coordination of Humanitarian Affairs (OCHA)*. 15 February 2022. Available from: <https://reliefweb.int/report/yemen/under-secretary-general-humanitarian-affairs-and-emergency-relief-coordinator-mr-0> 'The war in Yemen, Mr. President – and the wider crisis it has unleashed, as we have heard – continue to threaten millions of lives across the country.'

Agreement reached on transfer of oil from abandoned tanker off Yemen: UN. *France 24*. 16 February 2022. Available from: <https://www.france24.com/en/live-news/20220215-agreement-reached-on-transfer-of-oil-from-abandoned-tanker-off-yemen-un> An 'agreement in principle' has been reached to transfer the toxic cargo from a rusting oil tanker abandoned off the coast of war-torn Yemen to another ship, the UN said Tuesday.

Captain Convicted of Causing Grounding of Black Sea Cargo Ship. *Maritime Executive*. 16 February 2022. Available from: <https://www.maritime-executive.com/article/captain-convicted-of-causing-grounding-of-black-sea-cargo-ship> The captain of a cargo ship registered in Panama that grounded off Bulgaria last September pleaded guilty to criminal charges for his role in the incident and has been ordered to partially reimburse the state for expenses related to his prosecution.

Maritime and Environmental Law Crossroads: The Intensifying Problem of Biofouling and Preventative Measures. Chiara D. Kalogjera-Sackellares. *American Bar Association*. 16 February 2022. Available from: <https://bit.ly/3JR3vnd> Biofouling is the build-up of organisms on the surfaces of vessels as they travel through the water.

Global trade hits record high of \$28.5 trillion in 2021, but likely to be subdued in 2022. *United Nations Conference on Trade and Development (UNCTAD)*. 17 February 2022. Available from: <https://unctad.org/news/global-trade-hits-record-high-285-trillion-2021-likely-be-subdued-2022> All major trading economies saw imports and exports rise above pre-pandemic levels in the fourth quarter of 2021, with trade in goods increasing more strongly in the developing world than in developed countries.

South Africa adopts marine plastic pollution treaty ahead of UN environmental meeting. Onke Ngcuka. *Daily Maverick (South Africa)*. 17 February 2022. Available from: <https://www.dailymaverick.co.za/article/2022-02-17-south-africa-adopts-marine-plastic-pollution-treaty-ahead-of-un-environmental-meeting/> Plastic waste is a blight on the environment and the planet's oceans, taking a heavy toll on marine life.

Investigations underway amid allegations of illicit Iranian oil transfer. Richard Meade. *Lloyd's List*. 18 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139915> The financiers, insurer and classification society behind a tanker owned by Stamatis Molaris-led Empire Navigation have all launched internal investigations following allegations of an illicit transfer of sanctioned Iranian oil on February 12.

Fleetscape probing possible Iran oil transfer to ship it finances. Jonathan Saul. *Reuters*. 18 February 2022. Available from: <https://www.reuters.com/business/energy/fleetscape-probing-possible-iran-oil-transfer-ship-it-finances-2022-02-18/> UK-based maritime company Fleetscape is investigating the possible transfer of Iranian oil to a tanker it finances, the Oaktree Capital Management-backed firm said after allegations by a U.S. advocacy group.

IAEA Experts Make Headway in Reviewing Safety of Plan to Discharge Treated Water from Fukushima Site. *International Atomic Energy Agency (IAEA)*. 18 February 2022. Available from: <https://www.iaea.org/newscenter/pressreleases/iaea-experts-make-headway-in-reviewing-safety-of-plan-to-discharge-treated-water-from-fukushima-site> A Task Force of experts dispatched by the International Atomic Energy Agency (IAEA) collected water samples and scrutinized detailed technical data during their first mission to Japan this week to review the safety of its plan to discharge treated water from the Fukushima Daiichi Nuclear Power Station into the sea.

Australia to assist Sri Lanka in developing a comprehensive national maritime disaster preparedness mechanism. *ColomboPage (Sri Lanka)*. 19 February 2022. Available from: http://www.colombopage.com/archive_22A/Feb19_1645254438CH.php Australia has expressed willingness to assist Sri Lanka to develop a suitable maritime disaster preparedness plan in the aftermath of the *MV-X Press Pearl* disaster, the Foreign Ministry said.

India-France roadmap on the blue economy and ocean governance. *Government of India*. 20 February 2022. Available from: <https://www.mea.gov.in/bilateral-documents.htm?dtl/34882/> India and France are maritime nations with dynamic maritime economy sectors like marine technology and scientific research, fisheries, port and shipping, to name a few.

Coordinated Maritime Presences: Council extends implementation in the Gulf of Guinea for two years and establishes a new Maritime Area of Interest in the North-Western Indian Ocean. *Council of the European Union*. 21 February 2022. Available from: <https://bit.ly/3iP19ta/> The Council today approved two sets of conclusions on the Coordinated Maritime Presences (CMP) concept.

Knowledge Of Marine Assets Key To Sustainable Exploitation Of Blue Economy. Charnele Henry. *Jamaica Information Service*. 21 February 2022. Available from: <https://jis.gov.jm/knowledge-of-marine-assets-key-to-sustainable-exploitation-of-blue-economy/> Agriculture and Fisheries Minister, Hon. Parnel Charles Jr, says that knowledge of the assets within Jamaica's marine space is key in enabling the country to sustainably tap into the blue economy while protecting the marine ecosystem.

US sanctions five Russian ships in response to 'invasion' of Ukraine. Eric Watkins. *Lloyd's List*. 22 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139944> The US Treasury's Office of Foreign Assets Control has imposed sanctions on five ships owned by PSB Leasing, a subsidiary of Russia's Promsvyazbank Public Joint Stock Co, as part of a broader action against Moscow for its invasion of Ukraine.

Deep-Sea Mining: why now and how? Part 2 - The legal and regulatory framework and ESG risks. *Watson Farley & Williams LLP*. 23 February 2022. Available from: <https://www.wfw.com/articles/deep-sea-mining-why-now-and-how-part-2/> As discussed in Part 1 of this series of articles, deep-sea mining has become a hot topic in recent months. [Part 1](#)

California adopts first-in-nation microplastics reduction policy. Sharon Udasin. *The Hill (US)*. 23 February 2022. Available from: <https://thehill.com/policy/equilibrium-sustainability/595614-california-adopts-first-in-nation-microplastics-reduction> California on Wednesday became the first state to adopt a comprehensive strategy for the reduction of microplastics, part of a broad effort to protect the state's marine environment.

Plastic treaty would be historic for planet: UNEP chief. Nick Perry. *Phys.org*. 25 February 2022. Available from: <https://phys.org/news/2022-02-plastic-treaty-historic-planet-unep.html> The world has a rare opportunity to clean up the planet for future generations by uniting behind an ambitious treaty to tackle plastic trash, the UN environment chief told AFP.

France seizes cargo vessel targeted by US sanctions on Russia. *France 24.* 26 February 2022. Available from: <https://www.france24.com/en/europe/20220226-france-seizes-cargo-vessel-targeted-by-us-sanctions-on-russia> 🇫🇷 France on Saturday seized a car cargo ship in the English Channel that Washington says was linked to the son of a former Russian spy chief, in one of the first visible displays of the West enforcing sanctions on Moscow over its Ukraine invasion.

MARINE TECHNOLOGY

Pilotage Technology - A look inside a Pilot's technology toolkit. *Nautical Institute.* 2 February 2022. Available from: <https://www.nautinst.org/resources-page/pilotage-technology-a-look-inside-a-pilot-s-technology-toolkit.html> Ports around the world are investing in digital technology for better safety and commercial outcomes.

Digital warfare tech at sea helping US foes evade sanctions. Joshua Goodman. *Associated Press.* 3 February 2022. Available from: <https://apnews.com/article/technology-business-middle-east-iran-shipping-44d5cdc52e589c44a7bb0fc5be59d156> Technology to hide a ship's location previously available only to the world's militaries is spreading fast through the global maritime industry as governments from Iran to Venezuela — and the rogue shipping companies they depend on to move their petroleum products — look for stealthier ways to circumvent U.S. sanctions.

How data is the key to solving the supply chain woes. *Wallenius Wilhelmsen.* 3 February 2022. Available from: <https://www.walleniuswilhelmsen.com/news/how-data-is-the-key-to-solving-the-supply-chain-woes> The consequences of port congestion, pandemic restrictions and part shortages over the past 18 months have highlighted just how sensitive supply chains are to disruption.

Decarbonizing Marine Shipping: Clean fuels for a greener future? *Clear Seas.* 3 February 2022. Available from: <https://clearseas.org/en/blog/decarbonizing-marine-shipping-clean-fuels-for-a-greener-future/> Ship fuels manufactured using renewable electricity, and made purely from water and the gases found in the atmosphere, are being proposed as the solution to decarbonizing marine shipping.

Shipowners must act on ballast water as installation peak looms. *Lloyd's Register.* 9 February 2022. Available from: <https://www.lr.org/en/insights/articles/shipowners-must-act-on-ballast-water-as-installation-peak-looms/> Sahan Abeysekara discusses the current operational issues with ballast water treatment systems and takes a detailed look at upcoming commissioning testing requirements.

Lighted fishing nets may save sharks, sea turtles from accidental entrapment. Vanessa Johnston. *Reuters.* 9 February 2022. Available from: <https://www.reuters.com/business/environment/lighted-fishing-nets-may-save-sharks-sea-turtles-accidental-entrapment-2022-02-09/> 🇺🇸 Fishing nets that glow green with LED lights may prevent sea turtles, sharks and rays, including many threatened species, from becoming accidentally entangled, a study found.

Computing carbon storage: Researchers identifies factors for safe and effective carbon capture and storage. *Phys.org.* 10 February 2022. Available from: <https://phys.org/news/2022-02-carbon-storage-factors-safe-effective.html> The road to a stabilized climate is challenging and contentious.

Clean cargo ship announcement signals continued availability of technology. *Stand.earth*. 10 February 2022. Available from: <https://www.stand.earth/latest/protect-arctic/zero-emissions-shipping/clean-cargo-ship-announcement-signals-continued> Energy Observer, a French partnership for zero-emissions vessels, announced a new zero-emissions cargo ship today, Thursday, February 10, at the One Ocean Summit in Brest, France.

How autonomous underwater robots can spot oil plumes after an ocean spill. Neil Bose and Jimin Hwang. *The Conversation*. 10 February 2022. Available from: <https://theconversation.com/how-autonomous-underwater-robots-can-spot-oil-plumes-after-an-ocean-spill-175133> On April 20, 2010, the offshore oil rig Deepwater Horizon exploded, burned, sank in the Gulf of Mexico and terrified the world.

Scrubber alternative can now capture carbon emissions on vessels. *Hellenic Shipping News*. 14 February 2022. Available from: <https://www.hellenicshippingnews.com/scrubber-alternative-can-now-capture-carbon-emissions-on-vessels/> Value Maritime has modified an exhaust filtering system to collect carbon dioxide from emissions onboard ships.

Where can innovation make the biggest difference in maritime risk. *Lloyd's Register*. 15 February 2022. Available from: <https://www.lr.org/en/latest-news/where-can-innovation-make-the-biggest-difference-in-maritime-risk/> Experts drawn from across different sectors of the maritime and technology industries were each asked at a webinar hosted by Safetytech Accelerator last week to propose three of the most important areas where innovative technology could make an immediate difference in improving safety and risk management.

Wärtsilä and Grimaldi unveil new filter system to tackle ocean microplastics. *Wärtsilä Corporation*. 17 February 2022. Available from: <https://www.wartsila.com/media/news/17-02-2022-wartsila-and-grimaldi-unveil-new-filter-system-to-tackle-ocean-microplastics-3053386> The technology group Wärtsilä, together with the shipping company Grimaldi Group, have unveiled a new system that uses exhaust gas scrubber washwater to tackle the amount of microplastics in the world's oceans; a critical and growing global environmental challenge.

How the pandemic has propelled maritime tech deals to new peaks. Greg Miller. *Freight Waves*. 17 February 2022. Available from: <https://www.freightwaves.com/news/how-the-pandemic-propelled-maritime-tech-deals-to-new-peaks> Maritime tech has never seen anything like this — a whirlwind of deals that may be just the beginning.

Drones could help tackle maritime terrorists as UN warns of 'major' threat in Africa. Nicky Harley. *The National (UAE)*. 21 February 2022. Available from: <https://www.thenationalnews.com/world/uk-news/2022/02/22/drones-could-help-tackle-maritime-terrorists-as-un-warns-of-major-threat-in-africa/> Drones could help countries respond to maritime terrorists as the UN warns of a growing number of extremist groups gaining access to nations via sea routes in Africa.

More commercial ships utilize wind technologies to cut emissions. *DNV*. 25 February 2022. Available from: <https://www.dnv.com/expert-story/maritime-impact/more-commercial-ships-utilize-wind-technologies-to-cut-emissions.html> The shipping industry is rediscovering the propulsive potential of wind as the IMO trajectory towards 2050 and rising fuel prices underline the need to cut fuel consumption and carbon output.

INTERVIEW: Wärtsilä see LNG as 'Only Way' for immediate decarbonization. Jack Jordan. *Ship & Bunker*. 25 February 2022. Available from: <https://shipandbunker.com/news/world/614753> Maritime technology company Wärtsilä sees LNG bunkering as the natural choice for shipping firms seeking an immediate reduction in their carbon emissions.

MoEI discusses challenges, future insights for autonomous shipping. *Gulf Today (UAE)*. 27 February 2022. Available from: <https://www.gulftoday.ae/business/2022/02/27/moei-discusses-challenges-future--insights-for-autonomous-shipping> The Ministry of Energy and Infrastructure (MoEI) organised a virtual forum titled 'The Future of Autonomous Vessels in Maritime Shipping' as part of its activities during the Innovation Month, held under the theme 'UAE Innovates 2022'.

MARITIME EDUCATION & TRAINING

Tech File: Kongsberg Brings Training from the Cloud. *MarineLink*. 31 January 2022. Available from: <https://www.marinelink.com/news/tech-file-kongsberg-brings-training-cloud-493927> The shipping industry is facing a significant competence and capacity gap in the years to come with more advanced instrumentation, ships becoming more complex to operate, new regulations and requirements to fuel-types and sustainable operations.

Panama Maritime to audit PH training centers. Yashika F. Torib. *Manila Times*. 2 February 2022. Available from: <https://www.manilatimes.net/2022/02/02/business/maritime/panama-maritime-to-audit-ph-training-centers/1831446> The Panama Maritime Authority (PMA) will conduct periodic on-site audits, inspection and monitoring on the maritime training centers in the country.

Address deficiencies to avoid job losses, DFA urges MARINA. *Philippine News Agency (PNA)*. 4 February 2022. Available from: <https://www.pna.gov.ph/articles/1167086> The Department of Foreign Affairs (DFA) on Friday strongly urged the Maritime Industry Authority (MARINA) to make necessary reforms to address the deficiencies identified by the European Union in the country's seafarers' education, training, and certification system.

'Nigerian Seafarers Fail Competency Exam Due To Poor Class Attendance'. Yusuf Babalola. *Leadership (Nigeria)*. 7 February 2022. Available from: <https://leadership.ng/nigerian-seafarers-fail-competency-exam-due-to-poor-class-attendance/> The Rector, Maritime Academy of Nigeria (MAN) Oron, Commodore Emmanuel Effedua (rtd), has identified poor class attendance as factor responsible for seafarers' failures of the Certificate of Competency examinations.

Singapore and Indonesia Maritime Authorities Forge Stronger Ties Under Memorandum of Understanding on Co-operation on Human Resources Development of the Government Officers in Maritime Field. *Maritime and Port Authority of Singapore (MPA)*. 9 February 2022. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/62ee341e-7031-42e7-804b-e12b8dd8095f> The Maritime and Port Authority of Singapore (MPA) and the Directorate General of Sea Transportation (DGST), Ministry of Transportation, Republic of Indonesia, today signed a Memorandum of Understanding (MoU) to extend the co-operation on human resources development of the government officers in the maritime field for another three years.

LGBT+ inclusion at sea lags behind shoreside progress. Eric Priante Martin. *TradeWinds*. 16 February 2022. Available from: <https://www.tradewindsnews.com/business-focus/lgbt-inclusion-at-sea-lags-behind-shoreside-progress/2-1-1166082> Inclusiveness and protections for LGBT+ workers at sea are still lagging behind progress that has been made on land, advocates say.

Kenya Railways Marine School rolls out program to build HR capacity. *Kenya Broadcasting Corporation (KBC)*. 16 February 2022. Available from: <https://www.kbc.co.ke/kenya-railways-marine-school-rolls-out-program-to-build-hr-capacity/> The Kenya Railways Marine School in Kisumu has rolled out world-class programmes to build human resource capacity for the marine sector.

Culture of fear at Merchant Marine Academy silences students who say they were sexually harassed and assaulted. Blake Ellis and Melanie Hicken. *CNN*. 16 February 2022. Available from: <https://edition.cnn.com/2022/02/16/us/merchant-marine-academy-usmma-sexual-assault-rape-invs/index.html> On a 1,000-foot cargo ship in the middle of the ocean, the 19-year-old student felt trapped.

EU reiterates ultimatum on PH's seafarer training standards. *Philippine News Agency (PNA)*. 17 February 2022. Available from: <https://www.pna.gov.ph/articles/1168039> The European Union Delegation in Manila on Thursday reminded the Philippines to submit its formal reply over the deficiencies found by the bloc in its seafarer training standards on or before March 10.

LR and MatPal MoU to support maritime training in Guyana. *Lloyd's Register*. 18 February 2022. Available from: <https://www.lr.org/en/latest-news/matpal-mou-to-support-maritime-training-in-guyana/> LR and MatPal Marine Institute Inc., an ISO 9001:2015 maritime and oil and gas education training and support centre and the 'satellite' of the Panama Maritime Training Services Inc., have entered into a Memorandum of Understanding (MoU) to jointly support safe maritime training in Guyana, a growing market for the oil and gas industry.

IMRF Delivers First Two Online SAR Training Courses in Africa. *International Maritime Rescue Federation (IMRF)*. 21 February 2022. Available from: <https://www.international-maritime-rescue.org/news/imrf-delivers-first-two-online-sar-training-courses-in-africa> The IMRF has delivered its first two online SAR training courses in Africa, as part of its Global SAR Development Project.

Creating sea change: Why is ocean literacy key to protecting our marine ecosystems? Denis Loctier. *Euronews*. 22 February 2022. Available from: <https://www.euronews.com/green/2022/02/22/creating-sea-change-why-ocean-literacy-is-key-to-protecting-our-marine-ecosystems> Ocean travels to Malta and the Netherlands to meet the enthusiasts attempting to raise public awareness about the health of our seas and the marine environment.

MARITIME SAFETY

Counting the cost of Covid-19. Richard Clayton. *Lloyd's List*. 1 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139491/> Beyond the immediate crewing crisis, coronavirus has tested the limits of shipping's safety standards as long-term fatigue hit and shore-side support was stretched.

Calls for improved safety of container shipping after Mumbai Maersk grounding. *Nautilus International*. 4 February 2022. Available from: <https://www.nautilusint.org/en/news-insight/news/calls-for-improved-safety-of-container-shipping-after-mumbai-maersk-grounding/> Calls for measures to improve the safety of container shipping off the Dutch and German coastline have been reinforced by the grounding of a Maersk ultra large containership near the Wadden Sea.

The Lloyd's List Podcast: Has shipping become complacent when it comes to safety? *Lloyd's List*. 5 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139769> So far this week Lloyd's List has covered an exploding FPSO where 10 crew are missing presumed dead; we've seen a 20,000 teu Maersk giant run aground off Bremerhaven; and we all watched the seriously impressive skills of the helicopter pilots lifting 18 crew off a bulk carrier in high winds following a collision with a chemical tanker.

New safety rules for enclosed spaces on board vessels. *UK Maritime & Coastguard Agency.* 14 February 2022. Available from: <https://www.gov.uk/government/news/new-safety-rules-for-enclosed-spaces-on-board-vessels> Seafarers will be better protected as new UK rules come into force to tighten up safety for those who work in enclosed spaces on board vessels.
[Guidance: MGN 659 \(M+F\) Entry into enclosed spaces](#)

Pew Applauds Major Step Toward Advancing Legal—and Safer—Commercial Fishing. *Pew Charitable Trusts.* 14 February 2022. Available from: <https://www.pewtrusts.org/en/about/news-room/press-releases-and-statements/2022/02/14/pew-applauds-major-step-toward-advancing-legal-and-safer-commercial-fishing> Pew Charitable Trusts today applauded the announcement that six more governments will ratify a treaty that is vital to improving crew safety and stemming illegal fishing in the global commercial fishing industry.

London marine insurers add Russian, Ukrainian waters to high risk list. Jonathan Saul. *Reuters.* 15 February 2022. Available from: <https://www.reuters.com/world/uk/london-marine-insurers-add-russian-ukrainian-waters-high-risk-list-2022-02-15/> London's marine insurance market on Tuesday added the Ukrainian and Russian waters around the Black Sea and Sea of Azov to its list of areas deemed high risk as tensions persist in the region.

DMA: It's time to involve seafarers in decision-making for enhanced safety. *Safety4Sea.* 18 February 2022. Available from: <https://safety4sea.com/cm-dma-its-time-to-involve-seafarers-in-decision-making-for-enhanced-safety/> In an exclusive interview, Mr. Andreas Nordseth, Director-General of the Danish Maritime Authority (DMA), refers to initiatives that DMA supports towards carbon neutrality in 2050.

Ukraine risk for shipping hinges on sanctions escalation. Richard Meade. *Lloyd's List.* 23 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139941/> Financial markets wobbled on Tuesday in the wake of the Russian actions and the response from Western governments, but even as oil prices edged towards \$100 a barrel the impact on shipping markets remained muted.

TALKING POINT: Are Vessel Safety Management Systems a viable launchpad for crew welfare? Tyler Mowry. *International Seafarers' Welfare and Assistance Network (ISWAN).* 24 February 2022. Available from: <https://www.seafarerswelfare.org/news/2022/talking-point-are-vessel-safety-management-systems-a-viable-launchpad-for-crew-welfare> In the blue water shipping fleet, there are plenty of unknowns.

MARITIME SECURITY

60 Nations, International Organizations Kick Off Largest Maritime Exercise in Middle East. *United States Navy.* 31 January 2022. Available from: <https://www.navy.mil/Press-Office/News-Stories/Article/2917383/> International Maritime Exercise (IMX) 2022, an 18-day biennial naval training event led by U.S. Naval Forces Central Command, combines with exercise Cutlass Express led annually by U.S. Naval Forces Europe-Africa in East African coastal regions and the West Indian Ocean.

U.S., Qatari Defense Leaders Look to Deepen Cooperation in Persian Gulf. *US Department of Defense.* 31 January 2022. Available from: <https://www.defense.gov/News/News-Stories/Article/Article/2918131/> Secretary of Defense Lloyd J. Austin III held wide-ranging talks with Qatari Amir Sheikh Tamim bin Hamad Al Thani during a Pentagon meeting today.

Fulfilling the Pledge on Improved Maritime Security. *This Day (Nigeria)*. 1 February 2022.

Available from: <https://www.thisdaylive.com/index.php/2022/02/01/fulfilling-the-pledge-on-improved-maritime-security/> The Director of Information, Nigerian Navy, Commodore Suleman Dahun, who reviewed one year of Vice Admiral Awwal Zubairu Gambo's stewardship as the 21st indigenous Chief of Naval Staff, writes that he has won the confidence of officers and men because he is fulfilling his pledge on improved maritime security.

Second India-EU Maritime Security Dialogue. *Government of India*. 1 February 2022.

Available from: <https://www.mea.gov.in/press-releases.htm?dtl/34781> India and the European Union held their second maritime security dialogue in a virtual format on 1 February 2022.

Technological shift challenging the shipping safety paradigm. Øystein Goksøyr. *Lloyd's List*.

1 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139643> A shift to real-time risk management, together with a renewed focus on human and organisational factors, are required to tackle emerging safety hazards from digitalisation and decarbonisation in the shipping industry, despite a dramatic reduction in accidents over the past decade.

ISPS code, key component of maritime security architecture in Nigeria – Jamoh. Hassan Muaz.

Eagle Online (Nigeria). 6 February 2022. Available from: <https://theeagleonline.com.ng/isps-code-key-component-of-maritime-security-architecture-in-nigeria-jamoh/> The Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA) Dr. Bashir Jamoh says that the implementation of the International Ship and Port Facility Security Code, ISPS, is a major component of the security architecture NIMASA is implementing in the Nigerian maritime domain.

EMSA signs cooperation agreements with EU Naval Missions to provide enhanced maritime awareness for operations in Somalia and Libya. *European Maritime Safety Agency (EMSA)*.

11 February 2022. Available from: http://emsa.europa.eu/index.php?option=com_flexicontent&view=item&cid=24&id=4648 EMSA is supporting EU Naval Force operations – Atalanta and Irini – following the signature of two cooperation agreements with EU NAVFOR-Somalia (Operation Atalanta) on the one hand and EUNAVFOR MED (Operation Irini) on the other.

Maritime security of critical importance to Gambia –EU Ambassador. *The Voice (Gambia)*.

11 February 2022. Available from: <https://www.voicegambia.com/2022/02/11/maritime-security-of-critical-importance-to-gambia-eu-ambassador/> European Union Ambassador to The Gambia, Corrado Pampaloni, has underlined that “for a coastal country like The Gambia, maritime security is of critical importance”.

Why the *Trinity Spirit* FPSO explosion was not a safety anomaly. Richard Meade. *Lloyd's List*.

11 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139817> One week after an explosion ripped apart an unflagged, unclassified, 46-year-old floating production, storage and offloading unit owned by a defunct company in receivership, the Nigerian authorities have finally extinguished the fire, leaving a smouldering wreck and a list of questions for investigators.

Quad ministers address Indo-Pacific ‘coercion’, climate, COVID. Humeyra Pamuk and

Kirsty Needham. *Reuters*. 11 February 2022. Available from: <https://www.reuters.com/world/asia-pacific/quad-ministers-convene-address-indo-pacific-coercion-climate-covid-2022-02-10/> The United States, Australia, Japan and India pledged on Friday to deepen cooperation to ensure the Indo-Pacific region was free from “coercion”, a thinly veiled swipe at China's economic and military expansion.

Western ports cyber-attack another warning to upgrade resilience. *Marine Professional.*

11 February 2022. Available from: <https://www.imarest.org/themarineprofessional/interactions/6388>
The first days of February brought yet another reminder of the growing risk of cyber-attack in the maritime sector.

War risk insurers list Black Sea and Sea of Azov. David Osler and Richard Meade. *Lloyd's List.*

16 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139886>
The influential London-based Joint War Committee has designated Russian and Ukrainian waters in the Black Sea and the Sea of Azov as listed areas, which will see them attract additional premiums for war risk cover.

ECOWAS maritime security course begins in Accra. *BusinessGhana.* 19 February 2022.

Available from: <http://www.businessghana.com/site/news/general/256987> As part of efforts to combat maritime crimes within the sub-region, a 30-day Concentrated Maritime Affairs and Security Course for the Economic Community of West African States (ECOWAS) is currently ongoing at the Regional Maritime University (RMU) at Nungua, near Accra.

Cybersecurity and automation in shipping. Nir Ayalon. *Seatrade Maritime News.*

21 February 2022. Available from: <https://www.seatrade-maritime.com/opinions-analysis/cybersecurity-and-automation-shipping> As shipping moves toward semi-autonomous and autonomous vessels Nir Ayalon, CEO and founder of Cydome, says cybersecurity needs to be at the forefront of people's minds.

Ransomware attack hits Nhava Sheva container terminal. Angelo Mathais. *The Loadstar.*

22 February 2022. Available from: <https://theloadstar.com/ransomware-attack-hits-nhava-sheva-container-terminal/> A suspected ransomware attack has knocked-out the management information system (MIS) at Jawaharlal Nehru Port Container Terminal (JNPCT), one of five marine facilities in India's top container gateway of JNPT (Nhava Sheva).

Maritime Security: ECSA welcomes extension of Coordinated Maritime Presence. *European Community Shipowners' Associations (ECSA).* 23 February 2022. Available from:

<https://www.ecsa.eu/news/maritime-security-ecsa-welcomes-extension-coordinated-maritime-presence> The European shipping industry welcomes the EU's political commitment to the strengthening of maritime security in the Gulf of Guinea and North-Western Indian Ocean.

Senate passes bill to establish Nigerian Maritime Security Trust Fund. *Ships & Ports.*

24 February 2022. Available from: <https://shipsandports.com.ng/senate-passes-bill-to-establish-nigerian-maritime-security-trust-fund/> The Senate, on Wednesday, passed the bill seeking to establish a Nigerian Maritime Security Trust Fund (NMSTF), in concurrence with the House of Representatives.

Kenya unveils state of the art facility to boost maritime security. *Kenya Broadcasting Corporation (KBC).* 25 February 2022. Available from:

<https://www.kbc.co.ke/kenya-unveils-state-of-the-art-facility-to-boost-maritime-security/> Kenya has heightened its war against transnational organized crime in its terrestrial borders by unveiling a one of its kind training facility to boost enforcement capacity of maritime security.

MIGRANTS

439 rescued migrants disembark in Sicily. Charlotte Hauswedell. *InfoMigrants*. 31 January 2022. Available from: <https://www.infomigrants.net/en/post/38222/439-rescued-migrants-disembark-in-sicily> Nearly 440 migrants and refugees rescued by the Geo Barents in the Central Mediterranean have disembarked in Augusta, Italy.

UNHCR warns of increasing violence and human rights violations at European borders. Filippo Grandi. *United Nations High Commissioner for Refugees (UNHCR)*. 21 February 2022. Available from: <https://www.unhcr.org/uk/news/press/2022/2/62137a284> UNHCR is deeply concerned by the increasing number of incidents of violence and serious human rights violations against refugees and migrants at various European borders, several of which have resulted in tragic loss of life.

Ocean Viking migrants disembark in Sicily, 129 rescued off Libya. *InfoMigrants*. 21 February 2022. Available from: <https://www.infomigrants.net/en/post/38678/ocean-viking-migrants-disembark-in-sicily-129-rescued-off-libya> 247 people rescued from the Mediterranean by the *Ocean Viking* have landed in Italy, after spending days at sea.

Italy was entitled to inspect migrant rescue ships: Advocate General. Marion MacGregor. *InfoMigrants*. 22 February 2022. Available from: <https://www.infomigrants.net/en/post/38714/italy-was-entitled-to-inspect-migrant-rescue-ships-advocate-general> The European Court of Justice has been advised that Italy was legally entitled to carry out inspections of private rescue ships operating in the Mediterranean Sea.

According to Advocate General Rantos, the compliance with international standards of private ships engaged in regular sea search and rescue activities may be monitored by the port State. *Court of Justice of the European Union*. 22 February 2022. Available from: <https://curia.europa.eu/jcms/upload/docs/application/pdf/2022-02/cp220033en.pdf> Under EU law, the port State may adopt detention measures where the inaccuracies found pose a manifest risk to safety, health or the environment.

Home Office report confirms record number of UK migrant arrivals via the English Channel. Sertan Sanderson. *InfoMigrants*. 25 February 2022. Available from: <https://www.infomigrants.net/en/post/38808/home-office-report-confirms-record-number-of-uk-migrant-arrivals-via-the-english-channel> More than 28,500 people arrived in Britain by crossing the English Channel from France in small boats in 2021. These irregular journeys to the UK across one of the world's busiest shipping lanes have been sharply on the rise in recent years.

NAVIGATION & COMMUNICATIONS

Both Northeast and Northwest Passages of Northern Sea Route Remain Closed for the First Time in 12 Years. *Weathernews Inc.* 31 January 2022. Available from: <https://global.weathernews.com/news/16592/> The decline in sea ice area has been accelerating in recent years due to increases in water temperature, with some pointing out the possibility that warming may be progressing in the Arctic region at a rate two to three times faster compared to other regions.

AI improves navigation safety, but comes with challenges. Martyn Wingrove. *Maritime Optimisation & Communications*. 31 January 2022. Available from: <https://www.rivieramm.com/news-content-hub/ai-improves-navigation-safety-but-comes-with-challenges-69416> This event, held 26 January 2022 during Riviera's Vessel Optimisation Webinar Week, brought together academics and experts from around the world to debate how AI will improve navigational safety and lead to autonomous ships.

Errant Cruise Ship Forces SpaceX to Scrub Launch at Cape Canaveral. *Maritime Executive*. 31 January 2022. Available from: <https://www.maritime-executive.com/article/errant-cruise-ship-forces-space-x-to-scrub-launch-at-cape-canaveral> Port Canaveral likes to highlight its role as nexus where space flight and cruise ships converge, but it became a little too close for comfort yesterday forcing SpaceX mission control to abort a launch just over 30 seconds before blastoff.

Navigation woes raised in French Polynesia. *Radio New Zealand*. 1 February 2022. Available from: <https://www.rnz.co.nz/international/pacific-news/460643/> The review by the French authorities has been prompted by recent incidents involving large Chinese fishing vessels, which hit reefs and triggered fears of maritime pollution.

The Polar Code – From paper to practice. Mariska Buitendijk. *SWZ Maritime (Netherlands)*. 2 February 2022. Available from: <https://swzmaritime.nl/news/2022/02/02/the-polar-code-from-paper-to-practice/> For many years, vessels have been operating in the areas of Antarctica and the high Arctic.

Global container flows struggle to pick up speed, data shows. Jonathan Saul. *Reuters*. 2 February 2022. Available from: <https://www.reuters.com/business/global-container-flows-struggle-pick-up-speed-data-shows-2022-02-02/> Efforts to speed up the movement of goods around the world have yet to solve the supply chain bottlenecks caused by surging demand for retail goods and pandemic-related lockdowns, the latest shipping data shows.

Cruise ships, shipping vessels kill 20.000 whales every year. *Daily Herald (St. Maarten)*. 4 February 2022. Available from: <https://www.thedailyherald.sx/islands/cruise-ships-shipping-vessels-kill-20-000-whales-every-year> Data of a study carried out by international sustainability programme Friend of the Sea shows that approximately 20.000 whales are killed every year due to collisions with vessels.

'Giant obstacle course': call to reroute major shipping lanes to protect blue whales. Ashifa Kassam. *The Guardian*. 7 February 2022. Available from: <https://www.theguardian.com/environment/2022/feb/07/change-lane-whales-ahead-sri-lanka-urged-to-reroute-shipping-traffic> Scientists and conservation groups are calling for one of the world's busiest shipping lanes to be rerouted in an effort to protect the world's largest animal.

Papua New Guinea boosts shipping's navigational safety with new monitoring system. *Digital Ship*. 8 February 2022. Available from: <https://www.thedigitalship.com/news/electronics-navigation/item/7725> Norwegian technology company Vissim, together with project partner M-Nav Solutions, has successfully installed and upgraded an advanced coastal monitoring and surveillance system designed to ensure safer vessel navigation in Papua New Guinea's waters.

Green corridors: Route maps key to turning concept into reality. Johannah Christensen. *TradeWinds*. 9 February 2022. Available from: <https://www.tradewindsnews.com/opinion/green-corridors-route-maps-key-to-turning-concept-into-reality/2-1-1162991> The past year has seen shipping change course on climate change — at least when it comes to the final destination.

NSR digital platform on the plans to make Arctic shipping safer. *Safety4Sea*. 9 February 2022. Available from: <https://safety4sea.com/nsr-digital-platform-on-the-plans-to-make-arctic-shipping-safer/> FSUE Atomflot has signed a contract for a unified platform for digital services to make shipping via the Northern Sea Route (NSR) safer.

Russian Navy Restricts Black Sea Shipping With Live-Fire Drill Areas. *Maritime Executive*. 9 February 2022. Available from: <https://www.maritime-executive.com/article/russian-navy-restricts-black-sea-shipping-with-live-fire-drill-areas> The Russian Navy has announced live-fire exercise areas for a wide swath of the Black Sea and the majority of the Sea of Azov, effectively constraining navigation to Ukraine's commercial seaports.

Black Sea blockade: Ukraine accuses Russia of major maritime escalation. Peter Dickinson. *Atlantic Council*. 10 February 2022. Available from: <https://www.atlanticcouncil.org/blogs/ukrainealert/black-sea-blockade-ukraine-accuses-russia-of-major-maritime-escalation/> The Ukrainian Foreign Ministry has issued a formal protest over Russian plans to partially block the Black Sea and the Sea of Azov in the coming days under the guise of naval military exercises.

RRS Sir David Attenborough collaborates with cruise ship. *British Antarctic Survey (BAS)*. 11 February 2022. Available from: <https://www.bas.ac.uk/media-post/rrs-sir-david-attenborough-collaborates-with-le-commandant-charcot-in-support-of-science/> RRS Sir David Attenborough (SDA) has collaborated with the cruise ship *Le Commandant Charcot* in its efforts to deliver critical science cargo to the English Coast, Antarctica in support of the International Thwaites Glacier Collaboration.

Wales first in UK to require all commercial fishing boats have monitoring devices. *Welsh Government*. 15 February 2022. Available from: <https://gov.wales/wales-first-uk-require-all-commercial-fishing-boats-have-monitoring-devices> Boats 12m or more in length were already required to have such a system in place, but an Order coming into force today means those under this size, more than 350 boats, must have a VMS device.

Hapag-Lloyd AG to receive Friend of the Sea's Whale-Safe award. *Friend of the Sea*. 15 February 2022. Available from: <https://friendofthesea.org/hapag-lloyd-ag-to-receive-friend-of-the-seas-whale-safe-award/> Friend of the Sea, a conservation project by the World Sustainability Organization is pleased to award Hapag-Lloyd, one of the world's leading shipping companies, the highest level of Whale-Safe recognition for its outstanding degree of engagement and effort towards the conservation of endangered whales under ongoing threat from whale-ship collisions.

Challenges and solutions for migratory whales navigating national and international seas. *WWF*. 20 February 2022. Available from: <https://wwfwhales.org/resources/protecting-blue-corridors-report> A new collaborative report from WWF and partners provides the first truly comprehensive look at whale migrations and the threats they face across all oceans, highlighting how the cumulative impacts from industrial fishing, ship strikes, pollution, habitat loss, and climate change are creating a hazardous and sometimes fatal obstacle course for the marine species. [Protecting blue corridors](#) 📄

A 12,000 ton heavy gas plant module makes it through the ice from China to Murmansk. Atle Staalesen. *Independent Barents Observer (Norway)*. 21 February 2022. Available from: <https://thebarentsobserver.com/en/industry-and-energy/2022/02/12000-ton-heavy-gas-plant-module-makes-it-through-ice-china-murmansk> The successful shipment shows that year-round deliveries can be made on the Northern Sea Route, company Novatek argues after heavy loads carrier *Audax* completes six week voyage through thick sea-ice.

Tonga reconnects with outside world after data cable cut off by volcanic eruption, tsunami repaired. Edwina Seselja and Richard Ewart. *ABC (Australia)*. 22 February 2022. Available from: <https://www.abc.net.au/news/2022-02-22/tongas-internet-cable-restored/100846976> Tonga has been reconnected with the outside world, more than a month after the nation's international internet and phone cable was destroyed by a volcanic eruption.

History Repeats as *Endurance* Expedition is Briefly Stuck in Antarctic. *Maritime Executive*. 23 February 2022. Available from: <https://www.maritime-executive.com/article/history-repeats-as-endurance-expedition-is-briefly-stuck-in-antarctic> Polar researchers undertaking the mission that hopes to find the wreck of Sir Ernest Shackleton's lost ship the *Endurance* in the Antarctic briefly found themselves caught in a similar situation.

Maritime and Trade Talk - The basics of AIS (Automatic Identification of System). *IHS Markit.* 23 February 2022. Available from: <https://ihsmarkit.com/research-analysis/the-basics-of-ais-automatic-identification-of-system.html> What is AIS, what it's designed to do, how does it work?

Sea of Asov closed to shipping as Russia invades Ukraine. Richard Meade. *Lloyd's List.* 24 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139962> Shipping traffic in and out of the Sea of Asov appears to have been blockaded as Russian forces entered Ukraine from the north, south and east with reports of missile strikes and explosions in the key ports of Odessa and Mariupol.

Factbox: Pact gives Turkey oversight of warship transit to Russia, Ukraine. *Reuters.* 24 February 2022. Available from: <https://www.reuters.com/world/europe/pact-gives-turkey-oversight-warship-transit-russia-ukraine-2022-02-22/> Ukraine has asked Turkey to close the Bosphorus and Dardanelles straits to Russian ships, Ukraine's ambassador to Ankara said on Thursday, after Russia launched air and ground assaults on its neighbour.

Top lines divert ships and cargoes as Ukraine crisis hits container shipping. Ian Lewis. *TradeWinds.* 24 February 2022. Available from: <https://www.tradewindsnews.com/containerships/top-lines-divert-ships-and-cargoes-as-ukraine-crisis-hits-container-shipping/2-1-1174306> Liner giants Maersk and Mediterranean Shipping Co have suspended services to the Ukraine.

Russia-Ukraine crisis disrupts trade on crucial shipping route. *The National (UAE).* 26 February 2022. Available from: <https://www.thenationalnews.com/business/markets/2022/02/26/russia-ukraine-crisis-disrupts-trade-on-crucial-shipping-route/> Russia's invasion of Ukraine has brought turmoil to commodities markets as the conflict ensnares merchant shipping.

Turkiye set to implement provisions of Montreux Convention. *Anadolu Agency (Turkey).* 27 February 2022. Available from: <https://www.aa.com.tr/en/russia-ukraine-crisis/turkiye-set-to-implement-provisions-of-montreux-convention/2517137> Turkiye will implement all provisions of the Montreux Convention in a transparent manner as the situation in Ukraine constitutes a "war," Foreign Minister Mevlut Cavusoglu said on Sunday.

PIRACY

Piracy on the decline as NIMASA seeks collaboration for sustainability. *Nigerian Maritime Administration and Safety Agency (NIMASA).* 13 February 2022. Available from: <https://nimasa.gov.ng/piracy-on-the-decline-as-nimasa-seeks-collaboration-for-sustainability/> Director General of the Nigerian Maritime Administration and Safety Agency Dr. Bashir Jamoh says the Agency is committed to continuously collaborate with all stakeholders to ensure that Nigeria attains the status of not only the hub of maritime activities in the West and Central Africa region but also a major maritime player globally.

Beyond piracy: making waves in the Western Indian Ocean. Christian Bueger and Timothy Walker. *Institute for Security Studies (ISS).* 14 February 2022. Available from: <https://issafrica.org/iss-today/beyond-piracy-making-waves-in-the-western-indian-ocean> For almost two decades, maritime security in the Western Indian Ocean was associated with fighting pirates off the coast of Somalia.

Counting the cost of piracy. *Nautilus International*. 21 February 2022. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/counting-the-cost-of-piracy/> In the last year, there has been a robust effort on a global scale to tackle the effects of piracy on the maritime industry, particularly in the Gulf of Guinea and governments in piracy hotspots have amped up their anti-piracy initiatives.

PORT STATE CONTROL

Push for international seafarers to access COVID-19 vaccines and be allowed to come ashore.

Emily Bissland and Jeremy Lee. *ABC (Australia)*. 14 February 2022. Available from: <https://www.abc.net.au/news/2022-02-14/push-for-international-seafarers-shore-leave-covid-vaccinations/100813030> Inside the gates of Victoria's Port of Portland, out of public view, unfolds the plight of the international seamen who work aboard cargo ships importing and exporting goods around the world. [COVID-19 restrictions prevent international seafarers taking shore leave](#)

PORTS & HARBOURS

Striving to Become the Regional Port of Choice. *World Bank*. 25 January 2022. Available from: <https://www.worldbank.org/en/news/feature/2022/01/25/striving-to-become-the-regional-port-of-choice> At about 8 a.m. on a sunny weekday morning, the Port of Dar es Salaam is a hive of activity.

Employing Unmanned Surface Vehicles To Guard Ports and Harbors. *Center for International Maritime Security (CIMSEC)*. 31 January 2022. Available from: <https://cimsec.org/employing-unmanned-surface-vehicles-to-guard-ports-and-harbors/> "Globalization" instantly brings to mind the flow of international trade that has both lifted hundreds of millions out of poverty and delivered abundant choices to consumers.

The Prime Minister officially opens the UK's newest port, Tilbury2. *Tilbury2*. 31 January 2022. Available from: <http://tilbury2.co.uk/the-prime-minister-officially-opens-the-uks-newest-port-tilbury2/> The Port of Tilbury welcomed Rt Hon Boris Johnson MP to the UK's newest port today [31 January] to officially open Tilbury2.

Rotterdam tops ranking of port carbon polluters. *Transport & Environment*. 2 February 2022. Available from: <https://www.transportenvironment.org/discover/rotterdam-tops-ranking-of-port-polluters-doing-little-to-support-green-fuels/> T&E's ranking of Europe's ports by carbon emissions puts the spotlight on ports to do more to clean up shipping while industry profits soar. [EU Ports' Climate Performance](#)

Ports industry should be central to government 'Levelling Up' plans. *British Ports Association*. 2 February 2022. Available from: <https://www.britishports.org.uk/ports-industry-should-be-central-to-government-levelling-up-plans/> Plans for Levelling Up have today been welcomed by the UK ports industry but suggested the sector needs to be recognised as a key component of regional and national growth.

Port of Rotterdam Authority and BigMile make transport emissions transparent with digital platform. *Port of Rotterdam*. 2 February 2022. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/port-of-rotterdam-authority-and-bigmile-make-transport-emissions> Port of Rotterdam Authority and BigMile are developing a digital platform to identify transport-related emissions in the port.

Opinion: Now is the Time to Take Port Cyber Security Seriously. Jason P. Atwell. *Maritime Executive*. 4 February 2022. Available from: <https://www.maritime-executive.com/editorials/opinion-now-is-the-time-to-take-cyber-security-for-ports-seriously> If you think COVID-related supply chain issues at ports are bad, wait until a malicious actor wants to inflict similar chaos on purpose.

State banks on a marine academy to boost Kisumu port operations. *The Star (Kenya)*. 8 February 2022. Available from: <https://www.the-star.co.ke/business/kenya/2022-02-08-state-banks-on-a-marine-academy-to-boost-kisumu-port-operations/> Kenya is banking on the newly built Sh450 million marine school in Kisumu to boost capacity at the revived port and operations in Lake Victoria.

Port of Antwerp deploys drones to detect floating debris. *Port of Antwerp*. 8 February 2022. Available from: <https://newsroom.portofantwerp.com/port-of-antwerp-deploys-drones-to-detect-floating-debris#> Every year, about 50 tonnes of floating debris are collected from the docks in the port of Antwerp.

Russian warships depart Syrian port for drills in Black Sea. Sean Mathews. *Middle East Eye*. 8 February 2022. Available from: <https://www.middleeasteye.net/news/russian-warships-depart-syrian-port-drills-black-sea> A large group of Russian warships began transiting the Bosphorus Strait on Tuesday, making their way from the Mediterranean to the Black Sea, in what Russia's defence ministry said was a pre-planned movement for military exercises.

Hambantota International Port broke new ground in 2021. *The Island (Sri Lanka)*. 11 February 2022. Available from: <https://island.lk/hambantota-international-port-broke-new-ground-in-2021/> 2021 was a watershed year for HIP with the port's activities spreading in several new directions, which has created a unique ecosystem for economic prosperity for Sri Lanka.

Bangladesh in talks with UAE on seaport operations, direct shipping line: Foreign Minister. Binsal Abdulkader. *Emirates News Agency (UAE)*. 13 February 2022. Available from: <https://www.wam.ae/en/details/1395303020441> Bangladesh is keen to establish a direct shipping line with the UAE, which will reduce the existing navigation time by two thirds and pave the way for exponential growth in bilateral trade, a top Bangladeshi diplomat told the Emirates News Agency.

Important Black Sea container port facing impact from Ukraine crisis. Dag Holmstad. *ShippingWatch*. 14 February 2022. Available from: <https://shippingwatch.com/carriers/Container/article13736539.ece> If the conflict between Ukraine and Russia escalates, the large container port in Odessa may be blocked by Russia, creating problems for carriers, estimates analyst.

Aurelio Martínez: “The European programme for climate neutrality can generate environmental paradises”. *Port Authority of Valencia (PAV)*. 14 February 2022. Available from: <https://www.valenciaport.com/en/aurelio-martinez-the-european-programme-for-climate-neutrality-can-generate-environmental-paradises/> The European Union is working on the 'Fit for 55' legislative package with the aim of achieving climate neutrality by 2050 and reaching a 55% reduction by 2030. [Impact of EU ETS Implementation Measures under The “Fit For 55” Package](#)

Egypt lengthening two-way portion of Suez Canal by 10 kilometres. Patrick Werr. *Reuters*. 16 February 2022. Available from: <https://www.reuters.com/world/middle-east/suez-canal-expansion-increase-two-way-section-by-10km-2022-02-15/> Egypt is working to improve the Suez Canal by making an additional 10 kilometres accessible to two-way traffic, while widening and deepening another 30 kilometres, the chairman of the authority managing the waterway said on Tuesday.

Global port congestion shows little sign of improvement. Kim Biggar. *Splash 247.com*. 16 February 2022. Available from: <https://splash247.com/global-port-congestion-shows-little-sign-of-improvement/> Container shipping analysts around the world have this week been providing updates on the global port congestion picture with shippers told to brace for further hindrances going into Q2.

What is the L.A. port's shipping backlog doing to Southern California's environment? Kathryn Royster. *University of Southern California (US)*. 16 February 2022. Available from: <https://dornsife.usc.edu/news/stories/3636/la-shipping-backlog/> James Fawcett of the USC Sea Grant program at USC Dornsife explains how the line of ships floating off the coast waiting to offload goods is making a mark on the local environment.

The Antwerp@C project takes a major next step towards halving CO2 footprint. *Port of Antwerp*. 22 February 2022. Available from: <https://newsroom.portofantwerp.com/the-antwerp-c-project-takes-a-major-next-step-towards-halving-co2-footprint#> Antwerp@C, an initiative of Air Liquide, BASF, Borealis, ExxonMobil, INEOS, TotalEnergies, Fluxys and the Port of Antwerp has the ambition to support industries' efforts towards a 50% CO2 emissions' reduction within the Port of Antwerp, Belgium, by 2030 through the creation of a common CO2 infrastructure.

Pilot for mobile shore-based power on hydrogen with Cargow at Steinweg. *Port of Rotterdam*. 22 February 2022. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/pilot-for-mobile-shore-based-power-on-hydrogen-with-cargow-at-steinweg> On the site of C. Steinweg - Handelsveem B.V. (Steinweg) Beatrix terminal in Eemhaven area near Rotterdam, a pilot project with a mobile facility for shore-based power on hydrogen for Cargow's MPP (Multi purpose) vessels arriving twice a week is set to begin in late 2022.

President Biden and U.S. Department of Transportation Announce Historic New Funding to Strengthen Port Infrastructure and Supply Chain Resiliency. *US Department of Transportation*. 23 February 2022. Available from: <https://www.transportation.gov/briefing-room/president-biden-and-us-department-transportation-announce-historic-new-funding> The U.S. Department of Transportation's Maritime Administration (MARAD) announced nearly \$450 million in newly available grant funding for port-related projects through the Port Infrastructure Development Program (PIDP)—by far the largest investment in the program ever.

Ukraine shuts ports as conflict threatens grain supplies. Polina Devitt, Gleb Stolyarov and Natalia Zinets. *Reuters*. 24 February 2022. Available from: <https://www.reuters.com/world/europe/russia-halts-vessel-movement-azov-sea-black-sea-open-2022-02-24/> Ukraine's military has suspended commercial shipping at its ports after Russian forces invaded the country, an adviser to the Ukrainian president's chief of staff said, stoking fear of supply disruption from leading grain and oilseeds exporters.

Port city of Mariupol comes under fire after Russia invades Ukraine. Aleksandar Vasovic. *Reuters*. 24 February 2022. Available from: <https://www.reuters.com/world/europe/strategic-city-mariupol-wakes-blasts-russia-invades-ukraine-2022-02-24/> A residential area of Mariupol in southeastern Ukraine was hit by shelling on Thursday as residents worried that Russian forces will try to take the strategic port city.

Port of Vancouver to restrict release of scrubber wash water from ships. David Carrigg. *Vancouver Sun (Canada)*. 24 February 2022. Available from: <https://vancouversun.com/news/local-news/vancouver-port-pollution> As of March 1, ships that are anchored in the port or moored at a berth will be banned from discharge of scrubber wash water, though it will still be permitted if the wash water is coming from a main engine scrubber.

IAPH Environmental Ship Index to include new module of ships at berth. *International Association of Ports and Harbors (IAPH)*. 25 February 2022. Available from: <https://www.iaphworldports.org/news/iaphnews/12913/> IAPH is pleased to announce that the process to build a new module for the IAPH Environmental Ship Index (ESI) has commenced.

Port congestion contagion spreads. Sam Chambers. *Splash 247.com*. 25 February 2022. Available from: <https://splash247.com/port-congestion-contagion-spreads/> The global nature of the container port congestion saga, which has dogged supply chains during the pandemic, is illustrated clearly today with data from consultancy eeSea.

Dubai Maritime City launches \$38m infrastructure projects. *TradeArabia*. 25 February 2022. Available from: http://www.tradearabia.com/news/CONS_393523.html Dubai Maritime City (DMC), DP World's purpose-built maritime hub, has announced the launch of a major project to develop its infrastructure at a cost of AED140 million (\$38.1 million).

Foreign affairs minister says efforts underway to close EU ports for Russian ships. Peter Thomsen. *ShippingWatch*. 28 February 2022. Available from: <https://shippingwatch.com/regulation/article13777699.ece> Having just approved the closure of European air space, the European Union's member nations apparently now turn their gaze toward Russian ships and their ability to call at EU ports.

REGULATIONS

Regulating safe shipping is about to get harder. Declan Bush. *Lloyd's List*. 31 January 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139644> From the first Safety of Life at Sea Convention after the 1912 Titanic disaster, to double hulls and other reforms after the *Exxon Valdez* oil spill, regulation sought to find out what went wrong and stop it happening again.

MAS technology moving fast but regulatory and assurance concerns remain. *Lloyd's Register*. 1 February 2022. Available from: <https://www.lr.org/en/latest-news/mas-technology-moving-fast-but-regulatory-and-assurance-concerns-remain/> Maritime Autonomous Systems (MAS) technology is already 'light years' ahead of where it was just few years ago but more needs to be done – especially on the regulatory and assurance fronts – in order for its full benefits to be realised.

Barstad is right — but how does shipping sink the phantom fleet? Terry Macalister. *TradeWinds*. 2 February 2022. Available from: <https://www.tradewindsnews.com/opinion/barstad-is-right-but-how-does-shipping-sink-the-phantom-fleet-2-1-1160925> It is not often the shipping industry washes its dirty linen in public but when the "omerta" of non-disclosure falls away you know there is something seriously wrong.

Lawyers see more pressure on shipping from EU's new ETS rules. Tomas Kristiansen. *ShippingWatch*. 3 February 2022. Available from: <https://shippingwatch.com/article13691725.ece> The shipping sector could be put under further pressure if the amendments to the Emission Trading System (ETS) as suggested by the European Parliament's rapporteur Peter Liese are adopted, Watson Farley & Williams (WFW) says in a comment to ShippingWatch.

Explainer: Why should shipping come under the EU's carbon trading system? Jonathan Saul, Kate Abnett and Nina Chestney. *Reuters*. 7 February 2022. Available from: <https://www.reuters.com/business/environment/why-should-shipping-come-under-eus-carbon-trading-system-2022-02-07/> The European Commission has proposed adding shipping to the bloc's carbon market for the first time, in a move that is set to shake up the industry after years of avoiding pollution charges by the bloc.

The most effective route to meet shipping's new energy efficiency requirements. *Manifold Times (Singapore)*. 16 February 2022. Available from: <https://www.manifoldtimes.com/news/the-most-effective-route-to-meet-shippings-new-energy-efficiency-requirements/> Two new measures will enter into effect at the start of 2023 – the energy efficiency index for existing ships (EEXI) and the Carbon Intensity Indicator (CII).

PIL to fine clients who misdeclare cargo weight. Sam Chambers. *Splash 247.com*. 18 February 2022. Available from: <https://splash247.com/pil-to-fine-clients-who-misdeclare-cargo-weight/> Singapore's Pacific International Lines (PIL) will fine clients \$30,000 per container for any box it finds that there has been a misdeclaration of cargo weight, a move other carriers will likely follow.

Vessel sewage: is Marpol Annex IV fit for purpose? Craig Jallal. *Ballast Water Treatment Technology*. 23 February 2022. Available from: <https://www.rivieramm.com/news-content-hub/vessel-sewage--is-marpol-annex-iv-fit-for-purpose-69893> The GESAMP Working Group 43, a group of independent scientific experts, has completed a comprehensive review of various sea-based sources of marine litter and found quantifying the sources can be challenging due to a lack of information.

SALVAGE

Update: Abandoned Bulk Carrier *Julietta D* Arrives in Port, Ending Frantic Rescue. Mike Schuler. *gCaptain*. 1 February 2022. Available from: <https://gcaptain.com/update-abandoned-bulk-carrier-julietta-d-arrives-in-port-ending-frantic-rescue/> 🚢 The bulk carrier *Julietta D* was towed into port Tuesday after a wild 24 hours off the Dutch coast.

Maersk Megaship Refloated in Germany - Update. Mike Schuler. *gCaptain*. 3 February 2022. Available from: <https://gcaptain.com/maersk-mumbai-megaship-grounded-in-germany/> A Maersk megaship has run aground in the North Sea just off Germany, not far from a popular tourism island.

***Felicity Ace* Under Tow in First Phase of Salvage Operation.** *Maritime Executive*. 25 February 2022. Available from: <https://www.maritime-executive.com/article/felicity-ace-under-tow-in-first-phase-of-salvage-operation> After drifting for more than a week, salvage crews were able to board the car carrier *Felicity Ace*.

SEAFARERS

Supporting the essential task of seafarer vaccinations in the Port of Baltimore. *Mission to Seafarers*. 28 January 2022. Available from: <https://www.missiontoseafarers.org/news/seafarer-vaccinations-in-the-port-of-baltimore> Reverend Mary Davisson, The Mission to Seafarers Chaplain in Baltimore, shares her experiences of supporting seafarers in Autumn 2021, as the challenges relating to further COVID variants increased, and highlights the importance of being able to help in the most unexpected moments.

Shipping Australia calls for NSW controls on seafarer movements to be relaxed. *Shipping Australia Ltd*. 28 January 2022. Available from: <https://www.shippingaustralia.com.au/shipping-australia-calls-for-nsw-controls-on-seafarer-movements-to-be-relaxed/> Continued controls on seafarers arriving in New South Wales now seem to be rather pointless because they can no longer fulfil their policy goals and their monetary and non-monetary costs now outweigh their benefits, Shipping Australia has said in a submission to the NSW Government.

New seafarers welfare and wellbeing app. *Stella Maris*. 1 February 2022. Available from: <https://www.stellamaris.org.uk/new-seafarers-welfare-and-wellbeing-app/> Stella Maris is partnering with FrontM on their development of onship – a new crew collaboration and wellbeing platform and super-app.

‘A huge responsibility’ How Cargill is helping seafarers navigate the rough waters of COVID-19. *Cargill*. 1 February 2022. Available from: <https://www.cargill.com/story/a-huge-responsibility-how-cargill-is-helping-seafarers> Ships transport about 90% of world trade, according to the International Chamber of Shipping (ICS).

Covid takes human toll in casualty data. Michelle Wiese Bockmann. *Lloyd’s List*. 3 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139695> Hidden within 2021’s preliminary casualty data is the vast human toll that Covid-19 has taken on the world’s 1.5m seafarers.

MLC and Abandoned Seafarers - The Theory and the Practice. Tony Paulson. *West of England P&I Club*. 3 February 2022. Available from: <https://www.westpandi.com/publications/news/february-2022/mlc-and-abandoned-seafarers-the-theory-and-the-pra/> The 2014 amendments to the Maritime Labour Convention 2006 (MLC) entered into force in early 2017 with the aim of protecting seafarers who had been abandoned by their employers.

US ship management firm to provide more jobs to fresh Filipino seafarers. *Manila Standard*. 6 February 2022. Available from: <https://manilastandard.net/business/biz-plus/314205202/> A US-based ship management company leaned on the reputation of the Philippines as the most sought-after maritime nation and teamed up with a local shipping firm to provide opportunities to budding Filipino maritime professionals, as competition became tougher in the global seafaring arena.

Seafarers’ wellbeing or business, still a big paradox of the maritime industry.

Badri Tetemadze. *Safety4sea*. 7 February 2022. Available from: <https://safety4sea.com/seafarers-wellbeing-or-business-still-a-big-paradox-of-the-maritime-industry/> In this article, Captain Badri Tetemadze shares key findings of his scientific research on seafarers’ wellbeing which was conducted at the World Maritime University along with the professors: Maria Carrera Arce, Raphael Baumler & Inga Bartusevičiene as the supervisors.

Tanker crew ‘rescued’ from slave-like conditions after Panama refuses to act. *ITF Seafarers*. 7 February 2022. Available from: <https://www.itfseafarers.org/en/news/tanker-crew-rescued-slave-conditions-after-panama-refuses-act> Ten seafarers from Aframax oil tanker *Wind* (IMO: 9252967) have been freed from slave-like conditions only after the International Transport Workers’ Federation (ITF) demanded their release.

Turkish authorities’ seven-month delay in Ukrainian seafarers’ drug import case ‘totally unacceptable’: ITF. *ITF Seafarers*. 8 February 2022. Available from: <https://www.itfseafarers.org/en/news/turkish-authorities-seven-month-delay-ukrainian-seafarers-drug-import-case-totally> Seafarers’ unions are extremely concerned that four Ukrainian nationals have now been detained without charge by Turkish authorities for more than seven months.

COVID-19 and maritime labour issues: Extracts from the General report of the 2022 Report of the Committee of Experts on the Application of Conventions and Recommendations.

International Labour Organization (ILO). 10 February 2022. Available from:

https://www.ilo.org/wcmsp5/groups/public/---ed_norm/---normes/documents/meetingdocument/wcms_836883.pdf

The Committee reiterates its deep concern regarding the challenges and the impact that restrictions and other measures adopted by governments around the world to contain the spread of the COVID-19 pandemic have had, and continue to have, on the protection of seafarers' rights as laid out in the Maritime Labour Convention, 2006, as amended (MLC, 2006).

Warning of looming humanitarian crisis as seafarers' rights continue to deteriorate.

Nautilus International. 11 February 2022. Available from: <https://www.nautilusint.org/en/news-insight/news/warning-of-looming-humanitarian-crisis-as-seafarers-rights-continue-to-deteriorate/>

Warnings of an imminent humanitarian crisis have been made over the reintroduction of disproportionate quarantine and travel restrictions on seafarers by port States, despite the measures in place for Covid infection control.

Ukraine says shipping through Azov sea is now open again. *Reuters*. 11 February 2022.

Available from: <https://www.reuters.com/world/europe/ukraine-says-shipping-through-azov-sea-is-now-open-again-2022-02-11/> Russia has withdrawn previously announced restrictions for ships in the Sea of Azov linked to naval drills in the area, Ukraine's sea port Authority said on Friday.

Two Indian seafarers stranded since 2019 on cargo ship in Iran released: Maritime Union of India. *Times of India*. 11 February 2022. Available from: <https://timesofindia.indiatimes.com/two-indian-seafarers-stranded-since-2019-on-cargo-ship-in-iran-released-maritime-union-of-india/articleshow/89507760.cms>

Two Indian seafarers stranded without passports on a cargo ship in Iran's port city of Bushehr since 2019, have been released after the Indian Embassy in Tehran issued travel documents, the Maritime Union of India (MUI) said Friday.

Crew abandonment cases increase 138% during pandemic. Richard Meade. *Lloyd's List*.

14 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139848>

Cases of crew abandonment are increasing rapidly and just six weeks into the year, industry officials are already warning that 2022 is on track to exceed the past year's record high of 95 cases globally.

Levels of seafarer bullying 'have not changed in 30 years'. Richard Clayton. *Lloyd's List*.

14 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139851/>

Workplace bullying and harassment remains a significant problem in the maritime sector, according to a review of published scientific literature.

Over 50% of women seafarers suffer bullying and harassment: study. Marcus Hand. *Seatrade Maritime News*. 15 February 2022. Available from: <https://www.seatrade-maritime.com/ship-operations/over-50-women-seafarers-suffer-bullying-and-harassment-study>

A review of the problem of bullying and harassment in a scientific article by Cecilia Österman and Magnus Boström at Kalmar Maritime Academy at Linnaeus University showed that not much had changed since the first study on the topic back in 1995.

Stella Maris: Priority to shore leave will enhance the appeal of seafaring as a career in the post-COVID era. Martin Foley. *Safety4Sea*. 15 February 2022. Available from: <https://safety4sea.com/cm-stella-maris-priority-to-shore-leave-will-enhance-the-appeal-of-seafaring-as-a-career-in-the-post-covid-era/>

In an exclusive interview to SAFETY4SEA, Mr. Martin Foley, CEO of Stella Maris, highlights that seafarers are among the heroes of the pandemic and the charity will continue its work to ensure seafarers receive support and assistance.

New safety legislation for UK seafarers. Frankie Youd. *ShipTechnology*. 21 February 2022. Available from: <https://www.ship-technology.com/features/new-safety-legislation-for-uk-seafarers/> New legislation has come into place for UK seafarers, tightening safety for those working in enclosed spaces on board vessels.

Kenya ratifies key international labour standards for fishers and seafarers. *International Labour Organization (ILO)*. 21 February 2022. Available from: https://www.ilo.org/global/standards/maritime-labour-convention/WCMS_837650 The Government of Kenya has ratified two international labour standards that will promote decent work for the country's seafarers and fishers.

The Mission to Seafarers President, HRH The Princess Royal, recognises seafarers with personal thank you. *Mission to Seafarers*. 21 February 2022. Available from: <https://www.missiontoseafarers.org/news/the-mission-to-seafarers-president-hrh-the-princess-royal-recognises-seafarers-with-personal-thank-you> Port of Southampton represents the international port community at an event which honours seafarers and their support network.

RMT demands response from the maritime industry to decline in UK Seafarers. *National Union of Rail, Maritime and Transport Workers (RMT)*. 22 February 2022. Available from: <https://www.rmt.org.uk/news/rmt-demands-response-from-the-maritime-industry-to-decline-in/> Government statistics on UK Seafarers found UK Ratings numbers continued their pattern of decline.

Australian Maritime Levy Campaign for Seafarer Welfare reinforced by Counsel's legal opinion. *Human Rights at Sea (HRAS)*. 24 February 2022. Available from: <https://www.humanrightsatsea.org/news/australian-maritime-levy-campaign-seafarer-welfare-reinforced-counsels-legal-opinion-1> Having published Counsel's advisory opinion on a potential amendment to Australian maritime legislation today, Human Rights at Sea has reinforced its independent efforts to enhance seafarer support under its international Maritime Levy Campaign. [Potential legislative amendment to support shore-based seafarers' welfare in Australia](#) 📄

Russian and Ukrainian seafarers make up 14.5% of global shipping workforce, according to ICS. *International Chamber of Shipping (ICS)*. 24 February 2022. Available from: <https://bit.ly/3qPfeLI/> The International Chamber of Shipping, representing 80% of the world's merchant fleet, has warned of supply chain disruption should the free movement of Ukrainian and Russian seafarers be impeded.

Union sounds alarm as pandemic pressures leads to sharp fall in British seafarers. *Nautilus International*. 24 February 2022. Available from: <https://www.nautilusint.org/en/news-insight/news/union-sounds-alarm-as-pandemic-pressures-leads-to-sharp-fall-in-british-seafarers/> Nautilus International has raised the alarm as the number of UK seafarers active at sea fell sharply in 2021 due to coronavirus pandemic pressures.

Civil penalties for seafarers – welcome change or a new form of criminalisation? *Nautilus International*. 24 February 2022. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/civil-penalties-for-seafarers-welcome-change-or-a-new-form-of-criminalisation/> Nautilus International has responded to a recent consultation by the Maritime and Coastguard Agency (MCA) that could lead to a change in how seafarers and companies are penalised for maritime safety breaches.

'In shock': Danica looking after Ukrainian seafarers stranded in Turkey and Poland. Gary Dixon. *TradeWinds*. 25 February 2022. Available from: <https://www.tradewindsnews.com/people/-in-shock-danica-looking-after-ukrainian-seafarers-stranded-in-turkey-and-poland/2-1-1174635> Crew agency Danica Crewing Specialists says it is trying to get stranded Ukrainian seafarers home by land after the Russian invasion closed airports.

DFA: Filipino crew members on Turkish ship safe after Russian bombing.

ABS-CBN (Philippines). 26 February 2022. Available from: <https://news.abs-cbn.com/news/02/26/22/dfa-pinoy-crew-on-turkish-ship-safe-after-russian-bombing>

Filipino crew members aboard a Turkish ship are safe after the vessel was hit by a Russian bomb in the port city of Odessa, the Department of Foreign Affairs (DFA) said on Saturday.

Seafarers under increased threat as two bulk carriers are detained by Russian forces.

Sam Chambers. *Splash 247.com*. 28 February 2022. Available from:

<https://splash247.com/seafarers-under-increased-threat-as-two-bulk-carriers-are-detained-by-russian-forces/>

Concern is growing for the wellbeing of thousands of seafarers, both at sea and ashore, as Russia's invasion of Ukraine takes its toll on merchant shipping.

SEARCH & RESCUE

Tanker *Timofey Guzhenko* participates in Barents Sea rescue. *Sovcomflot*. 4 February 2022.

Available from: https://www.sovcomflot.ru/en/press_office/press_releases/item106861.html On 3 February 2022, the Arctic shuttle tanker *Timofey Guzhenko* took part in rescuing the crew of a fishing vessel (*RB-1633*) that was wrecked in the Barents Sea, off Cape Teribersky, 50 miles from Murmansk.

Search ends for 12 missing crew members of Spanish fishing vessel off Newfoundland coast.

Brian Owens. *Canadian Broadcasting Corporation (CBC)*. 16 February 2022. Available from:

<https://www.cbc.ca/news/canada/newfoundland-labrador/search-for-villa-de-pitanxo-crew-continues-1.6353419>

The search for the missing crew members of the Spanish fishing vessel *Villa de Pitanxo*, which sank 460 kilometres off the eastern coast of Newfoundland early Tuesday morning, has been called off.

Hundreds rescued after fire breaks out on Greece-Italy ferry. *Ekathimerini (Greece)*.

18 February 2022. Available from: <https://www.ekathimerini.com/news/1177751> Hundreds of people were rescued from a ferry that caught fire between Greece and Italy in the early hours of Friday, the Greek coast guard said.

Five 'missing' passengers found alive after ferry blaze in Greece. Helena Smith and Lorenzo

Tondo. *The Guardian*. 18 February 2022. Available from:

<https://www.theguardian.com/world/2022/feb/18/fire-ferry-greece-italy-euroferry-olympia-288-people-on-board>

Five out of 14 people feared missing after a ferry burst into flames have been found alive onboard, Greek media reported.

Three trapped, nine missing after flames engulf Greece-Italy ferry. Angeliki Koutantou and

Giselda Vagnoni. *Reuters*. 18 February 2022. Available from:

<https://www.reuters.com/world/europe/fire-breaks-out-ferry-greece-with-288-people-board-2022-02-18/>

Nine passengers were missing after a blaze engulfed a ferry sailing from Greece to Italy early on Friday and firefighters battled to rescue people trapped on the ship, authorities said.

Greece ferry fire: Passenger rescued alive but another found dead on ship near Corfu.

Euronews. 20 February 2022. Available from: <https://www.euronews.com/2022/02/20/greece-ferry-fire-passenger-found-alive-on-ship-near-corfu-but-11-still-missing>

One of the passengers reported missing on the Italian ferry on fire off the Greek island of Corfu has been found alive and rescued, the coast guard said on Sunday.

Greece reports first fatality after blaze on ferry, 10 still missing. Letteris Papadimas. *Reuters*. 20 February 2022. Available from: <https://www.reuters.com/world/europe/passenger-found-alive-after-blaze-greece-italy-ferry-greek-official-2022-02-20/> 📰 Firefighters battling for a third day a blaze on a ferry sailing from Greece to Italy recovered on Sunday the body of a passenger listed as missing, Greek authorities said.

Survivor and body found on burning ferry off Greek island. Demetris Nellas. *Associated Press*. 20 February 2022. Available from: <https://apnews.com/article/business-europe-fires-greece-italy-68f8a75eb3ba5517721becb592c68acb> Greek emergency workers rescued a Belarussian truck driver Sunday from a burning ferry off the island of Corfu and found the body of a Greek truck driver as they combed the wreckage for missing passengers.

Search for ten missing truck drivers on Euroferry *Olympia* continues into fifth day. Adis Ajdin. *Splash 247.com*. 22 February 2022. Available from: <https://splash247.com/search-for-ten-missing-truck-drivers-on-euroferry-olympia-continues-into-fifth-day/> 📰 The race against time continues as rescue teams are trying to locate the 10 missing passengers of the Euroferry *Olympia*, who have not shown signs of life since last Friday when the ship was engulfed in flames off Corfu.

SHIP RECYCLING

Watch: The Senglea residents living with a shipyard they say is making them sick. Mark Laurence Zammit. *Times of Malta*. 1 February 2022. Available from: <https://timesofmalta.com/articles/view/watch-the-senglea-residents-living-with-a-shipyard-they-say-is-making.931108> 📰 When Joseph Tonna began his medical practice nearly 40 years ago in Senglea, he would rarely encounter a case of asthma.

Ship Recycling Market Picks Up Speed. Nikos Roussanoglou. *Hellenic Shipping News*. 2 February 2022. Available from: <https://www.hellenicshippingnews.com/ship-recycling-market-picks-up-speed/> The ship recycling market has increased its pace over the past week, with prices rising across the board.

Platform publishes list of ships dismantled worldwide in 2021. *NGO Shipbreaking Platform*. 2 February 2022. Available from: <https://shipbreakingplatform.org/platform-publishes-list-2021/> According to new data released today by the NGO Shipbreaking Platform, 763 ocean-going commercial ships and floating offshore units were sold to the scrap yards in 2021. [The Toxic Tide - 2021 Shipbreaking Records](#)

EU may be opening up regarding shipbreaking in South East Asia. Astrid Sturlason. *ShippingWatch*. 2 February 2022. Available from: <https://shippingwatch.com/regulation/article13698872.ece> The European Commission now seems to want to break the deadlock between the EU and India which has blocked yards in Alang, for instance, from entering the EU's list of approved shipbreaking yards.

Shipowners must tackle sustainable recycling at South Asian yards due to 'EU capacity constraints', says Sea Sentinels. *Ship Management International*. 3 February 2022. Available from: <https://shipmanagementinternational.com/shipowners-must-tackle-sustainable-recycling-at-south-asian-yards-due-to-eu-capacity-constraints-says-sea-sentinels/> Sea Sentinels is calling on shipowners to raise their recycling game by promoting sustainable practices at South Asian shipbreaking yards that still handle over two-thirds of vessels dismantled globally due to capacity constraints for larger ships elsewhere.

Alang Ship Recyclers Make Renewed Push for Green Standards. Arjun Banerjee. *Maritime Executive*. 6 February 2022. Available from: <https://www.maritime-executive.com/editorials/along-ship-recyclers-make-renewed-push-for-green-standards> Alang is seeing a renewed push to develop ship recycling standards above the requirements of regulators and classification societies.

Recycling prices rise again amid shortage of demo tonnage. *Seatrade Maritime News*. 8 February 2022. Available from: <https://www.seatrade-maritime.com/shipyards/recycling-prices-rise-again-amid-shortage-demo-tonnage> Ship recycling facilities in Bangladesh, India, and Pakistan have hiked prices for demo units in recent days despite the Chinese New Year last week and that usual lull that surrounds the celebrations.

Another Former Carnival Cruise Ship Arrives at Breakers in Pakistan. *Maritime Executive*. 10 February 2022. Available from: <https://www.maritime-executive.com/article/another-former-carnival-cruise-ship-arrives-at-breakers-in-pakistan> After languishing for months off the coast of Sri Lanka, another of Carnival Cruise Line's former cruise ships has arrived at the breakers.

Ship Owners More Willing to Sell Their Vintage Tonnage. Nikos Roussanoglou. *Hellenic Shipping News*. 16 February 2022. Available from: <https://www.hellenicshippingnews.com/ship-owners-more-willing-to-sell-their-vintage-tonnage/> The current market sentiment is pointing towards more ship recycling activity moving forward.

Ship Recycling Picks Up Pace. Nikos Roussanoglou. *Hellenic Shipping News*. 24 February 2022. Available from: <https://www.hellenicshippingnews.com/ship-recycling-picks-up-pace/> The demolition market has come alive over the past few weeks, as firmer rates have triggered an increased supply of vintage tonnage.

SHIPBUILDING & SHIPREPAIR

Mitsubishi Shipbuilding Establishes New Specialized Organization for Marine Decarbonization. *Mitsubishi Heavy Industries*. 1 February 2022. Available from: <https://www.mhi.com/news/220201.html> Mitsubishi Shipbuilding Co., Ltd., a part of Mitsubishi Heavy Industries (MHI) Group, today established Marine Decarbonization Business Development Group responding to the energy transition strategy promoted by MHI Group.

Hyundai, Daewoo race for ship orders after merger fails. Jung-hwan Hwang. *Korea Economic Daily (South Korea)*. 4 February 2022. Available from: <https://www.kedglobal.com/newsView/ked202202040006> The world's two largest shipbuilders Hyundai Heavy Industries Group and Daewoo Shipbuilding & Marine Engineering Co. are battling it out to win ship orders after the European Commission vetoed the combination of the South Korean companies last month.

World's First LNG-Fueled Newcastlemax Bulker Starts Maiden Voyage. *Maritime Executive*. 8 February 2022. Available from: <https://www.maritime-executive.com/article/world-s-first-lng-fueled-bulker-starts-maiden-voyage> Australian mining giant BHP has welcomed the delivery of the *Mt. Tourmaline*, the world's first LNG-fueled Newcastlemax bulk carrier.

Kenya's Sh2.4 billion ship to be ready by April. Martin Mwita. *The Star (Kenya)*. 9 February 2022. Available from: <https://www.the-star.co.ke/business/kenya/2022-02-09-kenyas-sh24-billion-ship-to-be-ready-by-april/> Kenya will have its first home-built ship ahead of the August target, boosting the government's plans on the blue economy.

Low-carbon newbuildings set to boom in 2022 as owners go green. Adam Corbett. *TradeWinds*. 15 February 2022. Available from: <https://www.tradewindsnews.com/shipyards/low-carbon-newbuildings-set-to-boom-in-2022-as-owners-go-green/2-1-1168432> Newbuilding activity in 2022 is set to be dominated by alternative-fuel ships, judging by the latest figures from Clarksons.

Hydrogen MR Tanker Design Exceeds IMO Carbon Targets with Current Tech. *Maritime Executive*. 17 February 2022. Available from: <https://www.maritime-executive.com/article/hydrogen-mr-tanker-design-exceeds-imo-carbon-targets-with-current-tech> In the race to develop next-generation environmentally friendly vessels, Italian classification society RINA working with Sweden's FKAB Marne Design has developed a design for an MR tanker that exceeds the IMO's 2050 targets for emissions reductions using currently available technologies.

Ship Owners Reluctant to Commit to More Newbuildings. Nikos Roussanoglou. *Hellenic Shipping News*. 22 February 2022. Available from: <https://www.hellenicshippingnews.com/ship-owners-reluctant-to-commit-to-more-newbuildings/> Ship owners have remained coy when it comes to placing a large number of newbuilding orders during the past week, as has been the case of late.

Hurtigruten Norway kicks off one of Europe's biggest environmental upgrades. *Hurtigruten Group*. 22 February 2022. Available from: <https://press.hurtigruten.com/pressreleases/hurtigruten-norway-kicks-off-one-of-europes-biggest-environmental-upgrades-3163575> With the upgrades, to be completed in 2023, guests can look forward to greener sailings on all of Hurtigruten Norway's seven Norwegian Coastal Express ships.

SHIPPING

Drop-off in labour standards reporting mars strong overall performance from Flag States, ICS assessment shows. *International Chamber of Shipping (ICS)*. 31 January 2022. Available from: <https://www.ics-shipping.org/press-release/drop-off-in-labour-standards-reporting-mars-strong-overall-performance-from-flag-states-ics-assessment-shows/> The annual Shipping Industry Flag State Performance Table, from the International Chamber of Shipping, has identified reporting on seafarer wellbeing as a "casualty of the pandemic," following its publication this week. [Shipping Industry Flag State Performance Table 2021/2022](#)

POST NOTE Number 665: International shipping and emissions. *UK Parliamentary Office of Science and Technology*. January 2022. Available from: <https://researchbriefings.files.parliament.uk/documents/POST-PN-0665/POST-PN-0665.pdf> In 2021, the UK's share of emissions from international shipping was formally included in the nation's sixth carbon budget.

New study by OGCI and Concawe identifies pathways for shipping to reach climate targets. *Oil and Gas Climate Initiative (OGCI)*. 1 February 2022. Available from: <https://www.ogci.com/new-study-by-ogci-and-concawe-identifies-pathways-for-shipping-to-reach-climate-targets/>; A study by OGCI and Concawe has found that significant change is needed in the shipping industry if the IMO's climate goals are to be achieved. [Technological, Operational and Energy Pathways for Maritime Transport to Reduce Emissions Towards 2050](#)

Maritime Labor Blasts Proposed USVI Runaway Flag. *Seafarers International Union (SIU)*. 1 February 2022. Available from: <https://www.seafarers.org/maritime-labor-blasts-proposed-usvi-runaway-flag/> Maritime Labor is resolute in its opposition to a proposed second registry that would allow the U.S. Virgin Islands to operate a flag-of-convenience scam. [Statement](#)

Peru maritime agents warn of bunker blow after refinery closure. Eric Priante Martin. *TradeWinds*. 2 February 2022. Available from: <https://www.tradewindsnews.com/tankers/peru-maritime-agents-warn-of-bunker-blow-after-refinery-closure/2-1-1161185> A Peruvian trade group representing the country's shipping agents urged the government to consider the impact on marine fuelling after suspending tanker operations at a refinery at the centre of an oil spill investigation.

Decarbonisation should be the priority of cash-rich lines. James Hookham. *Splash 247.com*. 3 February 2022. Available from: <https://splash247.com/decarbonisation-should-be-the-priority-of-cash-rich-lines/> Director of Global Shippers Forum (GSF) James Hookham has a clear message for container lines pondering what to do with their massive cash surpluses.

Leading maritime cities playing a key role in the green and digital shift. DNV. 3 February 2022. Available from: <https://www.dnv.com/expert-story/maritime-impact/Leading-Maritime-Cities-2022-report-sees-Singapore-hold-on-to-top-ranking.html> The Leading Maritime Cities of the World report is back with a fresh ranking of the global maritime hubs and sees cities taking the lead in the green and digital transformation and attracting top experts and companies as future winners.

Shipping troubles threaten U.S. offshore wind — report. Heather Richards. *E&E News*. 3 February 2022. Available from: <https://www.eenews.net/articles/shipping-troubles-threaten-u-s-offshore-wind-report/> The U.S. offshore wind industry has a looming problem: Turbines are growing to huge sizes, but only a few ships in the world are big enough to mount them in the sea.

How digital transformation is re-shaping the global shipping business. Mark Warner. *Lloyd's Register*. 3 February 2022. Available from: <https://www.lr.org/en/insights/articles/how-digital-transformation-is-re-shaping-the-global-shipping-business/> In the first of a series of blogs looking at maritime digitalisation as an enabler of sustainable and profitable performance, Mark Warner identifies the pivot points required for digital maturity for companies across the maritime supply chain.

Poseidon Principles to ditch IMO goals for zero-carbon target. David Osler. *Lloyd's List*. 3 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139757> The Poseidon Principles will push on with plans to ditch the current alignment with International Maritime Organization goals and move to an explicit zero-carbon target in the near future, one of the scheme's leading lights has confirmed.

EU Beginning to Grasp Realities of Shipping, says INTERCARGO. *International Association of Dry Cargo Shipowners (INTERCARGO)*. 4 February 2022. Available from: https://www.intercargoo.org/wp-content/uploads/2022/02/INTERCARGO-MEDIA-RELEASE_04_02_2022.pdf The recent proposal by MEP Peter Liese to update Amendment 9 of the EU emissions trading system (ETS) draft directive and support the 'polluter pays' principle is cautiously welcomed by INTERCARGO, the international association representing the world's quality dry bulk shipping sector.

Shipowners urged to lower emissions, raising energy efficiency. Ayisy Yusof. *New Straits Times (Malaysia)*. 4 February 2022. Available from: <https://www.nst.com.my/business/2022/02/768563/shipowners-urged-lower-emissions-raising-energy-efficiency> Local shipowners can take steps towards reducing emissions across their fleet in the short term by increasing the energy efficiency of their vessels.

Disruption of ESG and Data Sharing. Frank Coles. *gCaptain*. 4 February 2022. Available from: <https://gcaptain.com/frank-coles-disruption-of-esg-and-data-sharing/> Over the last twenty years we have seen continuous discussions about the need for open sharing of data.

Statement: John Butler, President & CEO of the World Shipping Council on the Senate Ocean Shipping Reform Act. *World Shipping Council*. 4 February 2022. Available from:

<https://www.worldshipping.org/news/statement-john-butler-on-the-senate-ocean-shipping-reform-act>

The World Shipping Council (WSC) notes that the Senate has now introduced its own bill, the Ocean Shipping Reform Act, to amend the Shipping Act.

Emissions reduction poses greater challenge for shipowners. Ayisy Yusof. *New Straits Times (Malaysia)*. 5 February 2022. Available from:

<https://www.nst.com.my/business/2022/02/768829/emissions-reduction-poses-greater-challenge-shipowners>

Reducing emissions will be a difficult task for the shipping industry because shipowners will continue to prioritise the need to maintain a low-cost transportation model, according to PricewaterhouseCoopers (PwC) Malaysia.

Poseidon Principles aims to raise ambitions very soon. Daniel Logan. *ShippingWatch*.

7 February 2022. Available from: <https://shippingwatch.com/regulation/article13710462.ece>

Poseidon Principles hopes to raise its ambitions within the next couple of weeks rather than follow the International Maritime Organization's (IMO) goal of reducing greenhouse gas emissions 50 percent by 2050.

Green shipping boost as Maritime Minister announces plans to explore shore power.

Robert Courts MP. *UK Government*. 7 February 2022. Available from:

<https://www.gov.uk/government/news/green-shipping-boost-as-maritime-minister-announces-plans-to-explore-shore-power>

Maritime Minister Robert Courts will today (7 February 2022) accelerate the UK's ambitions to deliver a greener, more sustainable future for the shipping industry with plans to explore the rollout of emissions-cutting shore power at UK ports.

Why Mexico is ideally placed to become a zero-carbon shipping fuels hub. *World Economic Forum*.

7 February 2022. Available from: <https://www.weforum.org/agenda/2022/02/mexico-zero-carbon-shipping-fuels/>

With the International Maritime Organization calling for a 50% decrease in international shipping emissions by 2050 compared to 2008 rates, stakeholders across the maritime value chain are committed to commercializing and scaling zero-carbon vessels and fuels by 2030.

What is social responsibility in shipping? Nima Roshanaei. *Splash 247.com*. 7 February 2022.

Available from: <https://splash247.com/what-is-social-responsibility-in-shipping/> Social responsibility as a collective code of conduct is a fairly recent phenomenon, one that shapes social accountability through which industries and organisations set their business goals while maintaining the decorum of law, ethical practice and international standards.

Maersk investor sceptical toward CEO Søren Skou's logistics ambitions. Dag Holmstad.

ShippingWatch. 7 February 2022. Available from:

<https://shippingwatch.com/carriers/Container/article13710574.ece?> Maersk's logistics strategy looks successful, however, "a degree of scepticism is fair when they have failed at least three times before," states Bankinvest, which has roughly USD 200m invested in Maersk.

Scrubber alternative can now capture carbon emissions on vessels. Alyssa Sporrer. *Freight Waves*.

8 February 2022. Available from: <https://www.freightwaves.com/news/scrubber-alternative-can-now-capture-carbon-emissions-on-vessels>

Value Maritime has modified an exhaust filtering system to collect carbon dioxide from emissions onboard ships.

KR Launches Class Notation for Underwater Radiated Noise. *Hellenic Shipping News*.

8 February 2022. Available from: <https://www.hellenicshippingnews.com/kr-launches-class-notation-for-underwater-radiated-noise/>

The Korean Register (KR) has developed new 'Guidance for Underwater Radiated Noise' which will help protect marine ecosystems by reducing noise from ships.

MOL and PETRONAS Sign MoU on Liquefied CO2 Transportation for CCUS. *Mitsui O.S.K. Lines (MOL)*. 8 February 2022. Available from: <https://www.mol.co.jp/en/pr/2022/22019.html>
Based on the MoU, MOL and PETRONAS will study liquefied CO2 transportation for CCUS business within the Asia Pacific and Oceania region.

LNG – a fuel in transition. *SEA-LNG*. 8 February 2022. Available from: <https://sea-lng.org/reports/sea-lng-2021-22-a-view-from-the-bridge/> The rapidly growing order book for LNG-fuelled vessels illustrates that increasing numbers of ship owners and operators understand the environmental and climate benefits of LNG. [A view from the bridge](#) 

Nigerian Maritime Industry: 2021 In Review. *Bloomfield LP*. 8 February 2022. Available from: https://www.bloomfield-law.com/sites/default/files/2022-02/NIGERIAN%20MARITIME%20INDUSTRY%20-%202021%20IN%20REVIEW_0.pdf  As opposed to the global downtime that commercial activities faced in the preceding year; the year 2021 was a very busy year, as many businesses leveraged the opening up of international trade and lifting of travel restrictions in response to the global coronavirus pandemic (“COVID-19”).

The Global Centre for Maritime Decarbonisation and the Global Maritime Forum sign knowledge partnership to accelerate shipping decarbonisation. *Global Maritime Forum*. 10 February 2022. Available from: <https://bit.ly/3LvI9NO> The Global Centre for Maritime Decarbonisation (GCMD) and the Global Maritime Forum have signed a partnership agreement to support and accelerate the transition of the global maritime industry to a low-carbon future.

Liner shipping defines the six critical pathways to zero carbon shipping. *World Shipping Council*. 10 February 2022. Available from: <https://www.worldshipping.org/news/liner-shipping-defines-the-six-critical-pathways-to-zero-carbon-shipping> Transitioning global shipping from a carbon dependent industry into one that operates without greenhouse gas (GHG) emissions is a massive task.

Focus on green shipping at One Ocean Summit (Update 2). Gina Agapiou. *Cyprus Mail*. 10 February 2022. Available from: <https://cyprus-mail.com/2022/02/10/focus-on-green-shipping-at-one-ocean-summit-update-2/> Cyprus, as a global maritime power, will present government’s initiative on how to tackle climate change with a focus on green shipping during the One Ocean summit in France, deputy shipping minister Vasilis Demetriades said on Thursday.

UAE transport authority takes tough action over ship manager withholding seafarer wages. *ITF Seafarers*. 10 February 2022. Available from: <https://www.itfseafarers.org/en/news/uae-transport-authority-takes-tough-action-over-ship-manager-withholding-seafarer-wages> Twelve seafarers who have not been paid for more than nine months have been given a boost as the UAE Ministry of Energy and Infrastructure fined the ship’s manager 30,000 UAE Dirham (USD\$8000).

Melina Travlos becomes first woman president of the Union of Greek Shipowners. Adis Ajdin. *Splash 247.com*. 11 February 2022. Available from: <https://splash247.com/melina-travlos-becomes-first-woman-president-of-union-of-greek-shipowners/> The Union of Greek Shipowners (UGS) has elected its first female president in its 106-year history.

Anne Brown Frandsen is one of few female shipping executives: “It was important for me to ensure my voice was heard”. Astrid Sturlason. *ShippingWatch*. 11 February 2022. Available from: https://shippingwatch.com/Services/article13729081_ece She entered an executive team surrounded by men with many years of experience at the same company, so Anne Brown Frandsen had a concern before accepting her new job as CFO at Maersk Broker: “I had to make sure there would be room for my thoughts and ideas, too,” she says in an interview with ShippingWatch.

The Lloyd's List Podcast: The rhetoric and reality of decarbonising shipping. *Lloyd's List*. 12 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139837>  Listening in to recent speeches by various executives you would be forgiven for thinking that the industry is unified, aligned and working towards a common goal when it comes to decarbonisation.

Macron brings shipping big guns together to speed up the industry's decarbonisation. Sam Chambers. *Splash 247.com*. 14 February 2022. Available from: <https://splash247.com/macron-brings-shipping-big-guns-together-to-speed-up-the-industrys-decarbonisation/> During his first term as president of France, Emmanuel Macron has shown a great interest in cleaning up international shipping.

Oil transport means and modes and the 2020-2021 crisis. Giancarlo Elia Valori. *Modern Diplomacy*. 15 February 2022. Available from: <https://moderndiplomacy.eu/2022/02/15/oil-transport-means-and-modes-and-the-2020-2021-crisis/> The current international shipping market can be described as ups and downs.

Failure to address decarbonisation issues renders ICS report worthless. Nick Savvides. *The Loadstar*. 15 February 2022. Available from: <https://theloadstar.com/failure-to-address-decarbonisation-issues-renders-ics-report-worthless/> Discussions on developing the maritime economy in a post-pandemic world cannot take place in a shipping bubble.

Global shipping companies struggle with trillion-dollar challenge to cut CO2 emissions. Timothy Renshaw. *Business in Vancouver (Canada)*. 15 February 2022. Available from: <https://biv.com/article/2022/02/global-shipping-companies-struggle-trillion-dollar-challenge-cut-co2-emissions> Regulation, infrastructure, financing among net-zero challenges for cargo carriers grappling with a multitrillion-dollar decarbonization challenge.

Taxpayers Miss Out on Shipping's Pandemic Profit Bonanza. Chris Bryant. *Bloomberg*. 15 February 2022. Available from: <https://www.bloomberquint.com/gadfly/taxpayers-miss-out-on-shipping-s-pandemic-profit-bonanza> Container-shipping companies have found lots of ways to spend their enormous pandemic profits.

Shipping wants a voice in EU trade review. Declan Bush. *Lloyd's List*. 15 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139869> Shipping groups must have a voice as the European Union reforms its trade policy, according to the new head of the European Community Shipowners' Associations.

Quarter of EU shipping will run on LNG by 2030 locking in fossil fuels for decades. *Transport & Environment*. 16 February 2022. Available from: <https://www.transportenvironment.org/discover/quarter-of-eu-shipping-will-run-on-lng-by-2030-locking-in-fossil-fuels-for-decades/> EU policies to clean up shipping will lead to replacement of conventional marine fuels with fossil liquid natural gas (LNG), with little benefit to the climate.

How to drive the uptake of sustainable fuels in European shipping. *Transport & Environment*. 16 February 2022. Available from: <https://www.transportenvironment.org/discover/the-eus-fuel-maritime-proposal-will-lock-in-gas-until-the-2040s/> In July 2021, the European Commission proposed the first-ever legislative initiative requiring ships to progressively switch to alternative marine fuels. [FuelEU Maritime: T&E analysis and recommendations](#) 

IBIA and BIMCO launch survey to identify need for bunker licencing. *International Bunker Industry Association (IBIA)*. 16 February 2022. Available from: <https://ibia.net/2022/02/16/ibia-and-bimco-launch-survey-to-identify-need-for-bunker-licencing/> The International Bunker Industry Association (IBIA), with support from BIMCO, is launching an extensive online survey to identify to which extent the maritime industry believes there is a need for wider adoption of bunker licensing schemes and mass flow metering (MFM) to improve market conditions.

CLECAT calls for urgent Sector Inquiry in the container shipping sector to remove unfair and discriminatory rules. *European Association for Forwarding, Transport, Logistics and Customs Services (CLECAT)*. 17 February 2022. Available from: <https://www.clecat.org/news/press-releases/clecat-calls-for-urgent-sector-inquiry-in-the-cont> European businesses continue to experience rising container shipping costs, a record low level of reliability and reduced choice of services.

Decarbonization of shipping – emerging alternative fuels from a US perspective.

Sean T. Pribyl. *Gard*. 17 February 2022. Available from: <https://www.gard.no/web/updates/content/33127327/decarbonization-of-shipping-emerging-alternative-fuels-from-a-us-perspective> While the impact of COVID-19 on seafarers and port congestion have grabbed headlines over the past year, no single issue has dominated the maritime industry press more than decarbonization as climate change represents the greatest challenge of this century.

Estonia shares Europe's concern about ship-generated waste discharges. *Baltic Times*.

17 February 2022. Available from: https://www.baltictimes.com/estonia_shares_europe_s_concern_about_ship-generated_waste_discharges/ The government on Thursday approved Estonia's positions on the public consultation launched by the European Commission in December to update the regulation on the illegal discharge of ship-generated waste into the sea.

The www.allaboutshipping.co.uk 100 Top Women in Shipping for 2021. *All About Shipping*.

18 February 2022. Available from: <https://allaboutshipping.co.uk/2022/02/18/the-www-allaboutshipping-co-uk-100-top-women-in-shipping-for-2021/> 'As the business week ends today and pursuant to previous announcements, we are pleased to announce that 152 women out of 1,610 participating, proposed or ...otherwise from almost all sectors of the entire Shipping spectrum, shared the Top 100 places.'

How the maritime trade industry can avoid becoming a climate change. Simon Ring. *Container*

News. 19 February 2022. Available from: <https://container-news.com/how-the-maritime-trade-industry-can-avoid-becoming-a-climate-change-pariah/> The global shipping industry is under significant pressure to reduce its carbon emissions, risking pariah status if it fails to deliver.

EU's carbon quotas may increase cost of modern supertanker trips significantly.

Tomas Kristiansen. *ShippingWatch*. 21 February 2022. Available from: <https://shippingwatch.com/regulation/article13755218.ece> A roundtrip from the Gulf of Mexico to Rotterdam may increase from USD 1.6m to more than USD 2m for a supertanker when the EU's carbon quota system is implemented, according to calculations.

Soaring Diesel and Gasoline Prices Are Bleeding Into Shipping. Jack Wittels. *gCaptain*.

21 February 2022. Available from: <https://gcaptain.com/soaring-diesel-and-gasoline-prices-are-bleeding-into-shipping/> The shipping industry is starting to feel the full force of surging diesel and gasoline costs.

Taking Account: Maritime Anti Corruption Network Outlines 10 Years of Corruption

Reporting. *Maritime Anti Corruption Network (MACN)*. 21 February 2022. Available from: <https://macn.dk/taking-account-maritime-anti-corruption-network-outlines-10-years-of-corruption-reporting/> The Maritime Anti-Corruption Network has released the results and lessons learned from 10 years of collecting data of corrupt demands in maritime trade. [Report](#) 

Women dominate IBIA's 2022 board elections. *International Bunker Industry Association (IBIA)*.

21 February 2022. Available from: <https://ibia.net/2022/02/21/women-dominate-ibias-2022-board-elections/> Three of the four available positions in the 2022 International Bunker Industry Association board elections have been filled by women, meaning all the women standing for election were successful.

Waters choppy for cruise companies as pandemic continues. *Deutsche Welle (Germany)*. 21 February 2022. Available from: <https://www.dw.com/en/waters-choppy-for-cruise-companies-as-pandemic-continues/a-60860463> After boom years, the sector was suddenly forced into an almost-complete standstill due to the pandemic.

Finnish business and trade unions: The competitive disadvantage of arctic shipping must be compensated. *Finnish Shipowners' Association*. 22 February 2022. Available from: <https://shipowners.fi/en/finnish-business-and-trade-unions-the-competitive-disadvantage-of-arctic-shipping-must-be-compensated/> It is necessary that all industry sectors across the EU commit to achieving EU's new CO2 emission reduction targets.

Listen: Ammonia touted as potential 'staple fuel' as maritime sector eyes sustainable future. *S&P Global Platts*. 22 February 2022. Available from: <https://bit.ly/3JPg4iR> The International Maritime Organization has set its sights on slashing the global shipping industry's total emissions in half by 2050, with an interim target of cutting the carbon intensity of all ships by at least 40% by 2030.

Ship It Zero Campaign to Walmart: Protecting Oceans Requires Zero Emissions Shipping. *Ship it Zero*. 22 February 2022. Available from: <https://shipitzero.org/campaign-to-walmart/> Walmart Senior Vice President for Sustainability Jane Ewing will be a keynote speaker at the 9th annual World Ocean Summit Virtual Week taking place from March 1–4, 2022.

The future is bright for women in maritime industry – PLASS president. *GhanaWeb*. 24 February 2022. Available from: <https://www.ghanaweb.com/GhanaHomePage/business/The-future-is-bright-for-women-in-maritime-industry-PLASS-president-1476602> The president of the Port Ladies Association of the Ghana Ports and Harbours Authority (PLASS), Philippa Amanda Armah has made a clarion call for members of the association to remain diligent in their pursuit of a successful career in the shipping and maritime industry.

CMA CGM launches global biofuel bunkering trial in Singapore on clean energy drive. *Manifold Times (Singapore)*. 24 February 2022. Available from: <https://www.manifoldtimes.com/news/cma-cgm-launches-global-biofuel-bunkering-trial-in-singapore-on-clean-energy-drive/> CMA CGM Group, with the support of the Maritime and Port Authority of Singapore (MPA), on Thursday (24 February) said it has started biofuel bunkering in Singapore as part of its global trial to scale-up the wider adoption of the clean energy.

Widespread shipping fallout following Ukraine invasion. Paul Bartlett. *Seatrade Maritime News*. 25 February 2022. Available from: <https://www.seatrade-maritime.com/tankers/widespread-shipping-fallout-following-ukraine-invasion> The cost of fuel reflects the most immediate impact on shipping of the conflict.

Shipping scrambles to react to 'nightmare scenario'. Declan Bush and James Baker. *Lloyd's List*. 25 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139969/> The shipping industry is scrambling to work out how to respond to Russia's invasion of Ukraine, with the Sea of Azov blockaded and Ukrainian ports closed.

Shipping ignoring short-term environmental wins. Richard Clayton. *Lloyd's List*. 25 February 2022. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139972> It is just two years since Maersk Tankers announced the setting up of a standalone digital business "to reduce CO2 emissions and optimise vessels' earnings".

The shipping industry looks for green fuels. Mitch Jacoby. *Chemical & Engineering News*. 27 February 2022. Available from: <https://cen.acs.org/environment/greenhouse-gases/shipping-industry-looks-green-fuels/100/i8> Transporting goods by sea contributes significantly to global carbon emissions.

Shipping's Green Future: Decarbonisation Digest. *Bunker Port News*. 28 February 2022. Available from: <http://www.bunkerportsnews.com/News.aspx?ElementId=a3636493-4bc9-40ba-9908-d7b8c39853ca> Despite the long road that lies ahead, after years of lobbying efforts there is finally a shift in the collective mindset of the shipping industry to put more emphasis on its carbon footprint.

Tanker rates rocket on Ukraine conflict, outlook uncertain. Paul Bartlett and Marcus Hand. *Seatrade maritime News*. 28 February 2022. Available from: <https://www.seatrade-maritime.com/tankers/tanker-rates-rocket-ukraine-conflict-outlook-uncertain> In its weekly market report, London-based shipbroker, Gibson, noted that the failure so far to sanction Russian energy exports does not mean that tanker trade will not be impacted.

RESEARCH

Mannarini G, Carelli L, et al. **Towards Least-CO2 Ferry Routes in the Adriatic Sea.** *Journal of Marine Science and Engineering*. 23 January 2022. Available from: <https://www.mdpi.com/2077-1312/9/2/115> Carbon intensity of ship emissions is a cornerstone of contemporary regulatory actions, with measurable targets of reduction being enforced in the coming decade.

Baum-Talmor P and Kitada M. **Industry 4.0 in shipping: Implications to seafarers' skills and training.** *Transportation Research Interdisciplinary Perspectives*. 30 January 2022. Available from: <https://www.sciencedirect.com/science/article/pii/S2590198222000069?via%3Dihub> Industry 4.0 entails the modernisation of work, which is likely to have an impact on individuals' employment, training and skills in the foreseeable future.

Tam K, Hopcraft R, et al. **Case Study of a Cyber-Physical Attack Affecting Port and Ship Operational Safety.** *Journal of Transportation Technologies*. January 2022. Available from: <https://scirp.org/journal/paperinformation.aspx?paperid=113658> As the maritime sector embraces more technology to increase efficiency, lower carbon emissions, and adapt to meet modern challenges, cyber and cyber-physical safety become a more significant issue.

Aalbu K and Longva T. **From Progress to Delay: The Quest for Data in the Negotiations on Greenhouse Gases in the International Maritime Organization.** *Global Environmental Politics*. 1 February 2022. Available from: https://direct.mit.edu/glep/article-abstract/doi/10.1162/glep_a_00653/109354/From-Progress-to-Delay-The-Quest-for-Data-in-the This article examines the quest for data in the negotiations on the reduction of greenhouse gases in the International Maritime Organization (IMO) from 2012 to 2020.

Viktorelius M, Varvne H, et al. **An overview of sociotechnical research on maritime energy efficiency.** *WMU Journal of Maritime Affairs*. 3 February 2022. Available from: <https://link.springer.com/article/10.1007/s13437-022-00263-5#citeas> A qualitative synthesis is presented covering the literature on operational energy efficiency in shipping based on research from a sociotechnical perspective.

Baygi F, Blome C, et al. **Post-traumatic stress disorder and mental health assessment of seafarers working on ocean-going vessels during the COVID-19 pandemic.** *BMC Public Health*. 6 February 2022. Available from: <https://bmcpublihealth.biomedcentral.com/articles/10.1186/s12889-022-12673-4#citeas> There are increasing concerns about mental health consequences of the COVID-19 pandemic among seafarers.

Jonglertmontree W, Kaewboonchoo O, et al. **Mental health problems and their related factors among seafarers: a scoping review.** *BMC Public Health*. 11 February 2022. Available from: <https://bmcpublichealth.biomedcentral.com/articles/10.1186/s12889-022-12713-z> Seafarers are often reported to be engaged in a dangerous physical and psychosocial work environment.

Nisiforou O, Shakou LM, et al. **A Roadmap towards the Decarbonization of Shipping: A Participatory Approach in Cyprus.** *Sustainability*. 15 February 2022. Available from: <https://www.mdpi.com/2071-1050/14/4/2185/htm> Greenhouse gas (GHG) emissions from human activities are driving climate change and are currently at their highest levels in history.

Li M, Trencher G, et al. **The clean energy claims of BP, Chevron, ExxonMobil and Shell: A mismatch between discourse, actions and investments.** *PLOS ONE*. 16 February 2022. Available from: <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0263596> The energy products of oil and gas majors have contributed significantly to global greenhouse gas emissions (GHG) and planetary warming over the past century.

de Kleijne K, Hanssen SV, et al. **Limits to Paris compatibility of CO2 capture and utilization.** *One Earth*. 18 February 2022. Available from: [https://www.cell.com/one-earth/fulltext/S2590-3322\(22\)00044-6](https://www.cell.com/one-earth/fulltext/S2590-3322(22)00044-6) The Paris Agreement's temperature goals require global CO2 emissions to halve by 2030 and reach net zero by 2050.

Österman C and Boström M. **Workplace bullying and harassment at sea: A structured literature review.** *Marine Policy*. February 2022. Available from: <https://www.sciencedirect.com/science/article/pii/S0308597X21005212> Seafaring is a masculine-coded occupation with a strong professional culture that values practical experience.

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maritimeknowledgecentre@imo.org

About the cover

The CAB 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.