



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

“Sharing Maritime Knowledge”

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MARPOL AT 50
OUR COMMITMENT GOES ON

About the MKC Current Awareness Bulletin (CAB)

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

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

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

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IMO NEWS & EVENTS

WHAT'S NEW

Future Fuels and Technology Project to inform GHG Strategy update

The decarbonization of international shipping is a priority for IMO and by mid-2023, the organization aims to have in place a revised and strengthened Strategy on Reduction of GHG Emissions from Ships.

A new IMO project aims to provide an assessment of the state of availability and readiness of low- and zero-carbon ship technology and marine fuels, in order to help inform Member States as they work towards the revision of the IMO GHG Strategy. [More...](#)

Professor Max Mejia to lead WMU

Following a competitive selection process, Professor Max Mejia has been selected by the Secretary-General of the International Maritime Organization, Chancellor of the university, to succeed Dr. Cleopatra Doumbia-Henry as the new President of the World Maritime University (WMU), based in Malmö, Sweden.

It is expected that Professor Mejia will take over the president's role on 29 June 2023, when Dr. Doumbia-Henry's term expires. [More...](#)

Learning the lessons from the COVID-19 pandemic

Designating transport workers, including seafarers, as keyworkers and ensuring such workers' needs and challenges are voiced during a pandemic are among the recently published recommendations from a joint United Nations and industry sector action group.

The Joint Action Group was established in December 2021 to review the impact of the COVID-19 pandemic on the world's transport workers and the global supply chain. The Group included IMO, the International Labour Organization (ILO), the World Health Organization (WHO), the International Civil Aviation Organization (ICAO), the International Chamber of shipping (ICS) and the International Transport Workers' Federation (ITF), and air and road entities. [More...](#)

Mandatory Maritime Single Window: One year to go

From 1 January 2024 it will be compulsory for ports around the world to operate Maritime Single Windows (MSWs) for the electronic exchange of information required on ships' arrival at a port, their stay and their departure. This mandatory change follows the adoption by IMO's Facilitation Committee of amendments to the FAL Convention.

With this key date in mind, IMO hosted "Maritime Single Window 2024 – A window of opportunities", a two-day Symposium (18-19 January 2023) jointly organized by IMO, IAPH and BIMCO, with the support of the International Port Community Systems Association (IPCSA). [More...](#)

MEETING SUMMARIES AND SCHEDULE

Previous Meetings

[Sub-Committee on Ship Design and Construction \(SDC 9\)](#) 23 – 27 January 2023

[Sub-Committee on Human element, Training and Watchkeeping \(HTW 9\)](#) 6-10 February 2023

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

Forthcoming Meetings

Facilitation Committee (FAL 47) 13-17 March 2023

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

Legal Committee (LEG 110) 27-31 March 2023

[Programme of Meetings for 2023](#) 

UNITED NATIONS

General Assembly President hosts children from around the world, on MLK Day. *UN News.* 17 January 2023. Available from: <https://news.un.org/en/story/2023/01/1132497> Swarming the office of President Csaba Kőrösi, the children – who ranged in age from toddler to high-school teen – pulled on the UN and Hungarian flags that flank a UN seal in the office and ran around to look at the skyline outside of the balcony.

António Guterres (UN Secretary-General) at WEF 2023 in Davos. *United Nations.* 18 January 2023. Available from: <https://media.un.org/en/asset/k1o/k1o7sf82x5> Special address by UN Secretary-General António Guterres to the World Economic Forum Annual Meeting in Davos, Switzerland: “The State of the World”.

UN chief blasts Big Oil for ‘peddling the big lie’ on climate. *Al Jazeera.* 18 January 2023. Available from: <https://www.aljazeera.com/news/2023/1/18/un-chief-blasts-big-oil-for-peddling-the-big-lie-on-climate> Some big oil companies ignored their own science on the dangers of climate change and “peddled the big lie” for decades about the safety of burning fossil fuels, the United Nations chief said.

Cabo Verde ‘on the frontlines’ of climate crisis, says Guterres ahead of Ocean Summit. *UN News.* 21 January 2023. Available from: <https://news.un.org/en/story/2023/01/1132692> The answer goes back to 2015, when the national Government detailed a strategic plan on how the blue economy would be a central part of the island nation’s future, as well as to a series of investments that have been made since then.

‘Let’s all become the champions the ocean needs’ – UN chief Guterres. *UN News.* 23 January 2023. Available from: <https://news.un.org/en/story/2023/01/1132752> The Secretary-General was speaking from the Ocean Science Centre Mindelo, in São Vicente, a state-of-the-art facility that hosts large marine scientific equipment such as deep-sea robots, as well as electronics workshops, and cutting-edge laboratories.

Odesa added to UNESCO’s World Heritage List amid threats of destruction. *UN News.* 25 January 2023. Available from: <https://news.un.org/en/story/2023/01/1132807> “Odesa, a free city, a world city, a legendary port that has left its mark on cinema, literature and the arts, is thus placed under the reinforced protection of the international community,” said Audrey Azoulay, Director-General of UNESCO.

IOM steps up support as Rohingya refugee numbers rise in Southeast Asia. *UN News.* 31 January 2023. Available from: <https://news.un.org/en/story/2023/01/1133017> Almost 3,300 arrived in Indonesia, Malaysia and Thailand last year, the UN agency said, a roughly 290 per cent rise over the 850 people recorded in 2021.

CASUALTIES

Onego Traveller: Clean up crews to assist with oil remediation efforts. Leandra Rolle.

The Tribune (Bahamas). 1 January 2023. Available from:

<http://www.tribune242.com/news/2023/jan/01/onego-traveller-clean-crews-assist-oil-remediation/>

Clean up crews have been deployed to Abaco to assist with oil remediation efforts after a cargo ship that was carrying heavy fuel onboard sank in waters in the southern part of the island.

2022 in review: Some of the major incidents related to offshore oil & gas. Melisa Cavcic.

Offshore Energy. 3 January 2023. Available from: <https://www.offshore-energy.biz/2022-in-review-some-of-the-major-incidents-related-to-offshore-oil-gas/>

While action has been taken to minimise the risks of accidents on offshore installations and improve the safety of offshore oil and gas infrastructure, incidents still occur for various reasons.

'No oil spill from ship' says Abaco MP. Jade Russell. *The Tribune (Bahamas)*. 4 January 2023.

Available from: <http://www.tribune242.com/news/2023/jan/04/no-oil-spill-ship-says-abaco-mp/>

Central and South Abaco MP John Pinder denied claims of an oil spill on the south coast of the island, describing it as "erroneous".

Bahamas Maritime Authority to investigate how Jersey fishing boat collision happened. *ITV News (UK)*.

8 January 2023. Available from: <https://www.itv.com/news/channel/2023-01-08/jersey-fishing-boat-collision-to-be-investigated-by-authorities-in-bahamas>

Part of the investigation into a collision between a freight ship and a fishing boat off Jersey's coast will now be carried out by the Bahamas Maritime Authority (BMA).

MSC Containership Grounds on Italian Breakwater-Video. Mike Schuler. *gCaptain*.

9 January 2023. Available from: <https://gcaptain.com/msc-container-grounds-on-italian-breakwater-video/>

AIS data from MarineTraffic.com shows the ship, the 340-meter-long *MSC Elaine*, was outbound from the port when it apparently swung wide on a turn and grounded along a breakwater at the harbor's entrance just after 9 a.m. Monday morning.

Ukraine grain ship runs aground in Suez Canal. *Sky News*. 9 January 2023. Available from:

<https://news.sky.com/story/ukraine-grain-ship-runs-aground-in-suez-canal-12782952>

Tugs were able to move the ship to a repair area - avoiding any repeat of the infamous *Ever Given* incident that delayed world trade two years ago.

Japanese Destroyer Disabled and Leaking Oil After Hitting Rock. *Maritime Executive*.

10 January 2023. Available from: <https://maritime-executive.com/article/japanese-destroyer-disabled-and-leaking-oil-after-hitting-rock>

One of Japan's Murasame-class destroyers, the *JS Inazuma*, hit a rock while on sea trials off the coast of Japan disabling the ship and causing an oil spill.

Marine Accident Report on Occupational Accident on Nord Magic on 17 June 2022. *Danish Maritime Accident Investigation Board (DMAIB)*.

10 January 2023. Available from:

https://dmaib.com/Media/638088635560435483/NORD_MAGIC_Occupational_accident_on_17_June_2022.pdf

On 17 June 2022, the Danish Maritime Authority informed DMAIB that two technicians had succumbed due to exposure to a toxic gas during inspection of a cargo tank on the Danish chemical/product tanker *NORD MAGIC*, while the ship was at anchor off Chittagong, Bangladesh.

Accident board blames faulty safety measures aboard Norden tanker for fatal incident.

Dag Holmstad. *ShippingWatch*. 11 January 2023. Available from: <https://shippingwatch.com/regulation/article14825784.ece> The Danish Maritime Accident Investigation Board lashes out at the safety measures installed on a Norden tanker, on which two technicians suffered fatal accidents during a routine inspection.

What happens when a huge ship sinks? A step-by-step guide to averting disaster.

Emma Bryce and Harvey Symons. *The Guardian*. 11 January 2023. Available from: <https://www.theguardian.com/environment/2023/jan/11/what-happens-when-a-huge-ship-sinks-a-step-by-step-guide-to-averting-disaster> The MS *Seascope* – a 200-metre, six-storey cargo vessel carrying 4,000 new electric vehicles – is pushed by swells into a coral reef.

Humber pilot Francisco Galia died in fall while boarding vessel. BBC News.

11 January 2023. Available from: <https://www.bbc.co.uk/news/uk-england-humber-64223424> Mr Galia fell from a rope ladder as he tried to board the vessel, bound for King George Dock in Hull, shortly after midday on Sunday, a colleague said.

If You Think the *Ever Given* Was Bad, Wait Until You See the *Safer*.

Ian Ralby and Alan Duncan. *Maritime Executive*. 11 January 2023. Available from: <https://www.maritime-executive.com/editorials/op-ed-if-you-think-ever-given-was-bad-wait-until-you-see-the-safer> The *Ever Given* blocked the Suez Canal for six days in March 2021, causing shortages of critical supplies in different parts of the world and sending global trade into a frenzy.

Two missing after Chinese tanker torn in two by explosion. Gary Dixon. TradeWinds.

12 January 2023. Available from: <https://www.tradewindsnews.com/casualties/two-missing-after-chinese-tanker-torn-in-two-by-explosion/2-1-1386833> Two seafarers were reported missing following a blast on a Chinese tanker in the Rizhao area.

Seafarers evacuated after Indonesian cargo ship suffers major fire. Gary Dixon. TradeWinds.

13 January 2023. Available from: <https://www.tradewindsnews.com/casualties/seafarers-evacuated-after-indonesian-cargo-ship-suffers-major-fire/2-1-1387414> All 17 crew members were safely taken off a cargo ship after it suffered a serious blaze at anchorage in Indonesia.

Yemen – United Nations – France’s contribution to the *Safer* oil tanker rescue plan.

Government of France. 16 January 2023. Available from: <https://bit.ly/3F7rtu2> With the oil tanker *Safer*, abandoned off the coast of Yemen, posing the risk of an ecological disaster in the Red Sea, France has decided to make an extra contribution of €1 million to the United Nations rescue plan.

Norway naval officer denies negligence in oil tanker collision. Euronews.

17 January 2023. Available from: <https://www.euronews.com/2023/01/17/norway-accident> A Norwegian naval officer on Monday denied negligence leading up to the 2018 collision between a warship he commanded and an oil tanker in which the military vessel sank.

Seven seafarers missing as huge explosions rip through product tanker in Thailand.

Gary Dixon. *TradeWinds*. 17 January 2023. Available from: <https://www.tradewindsnews.com/casualties/seven-seafarers-missing-as-huge-explosions-rip-through-product-tanker-in-thailand/2-1-1389138> The explosions hit the 6,500-dwt *Smooth Sea 22* (built 2018) on Tuesday morning on the Mae Klong river, injuring four other people.

Tanker explodes, 1 dead, 4 hurt, others missing. *Bangkok Post*. 17 January 2023. Available from: <https://www.bangkokpost.com/thailand/general/2484520/> 📄 One dock worker was confirmed killed and four others injured by an explosion and fire aboard an oil tanker moored for maintenance at a dockyard on the Mae Klong river in Muang district on Tuesday morning.

UN: Cost is new obstacle to oil transfer from Yemen tanker. Edith M. Lederer. *Associated Press*. 18 January 2023. Available from: <https://apnews.com/article/oil-spills-united-nations-yemen-business-4ec17509e2284b3412a35438a0b38d00> The rising cost of purchasing or leasing a vessel that can hold more than 1 million barrels of crude oil now in a rusting old tanker off the coast of war-torn Yemen is the latest obstacle to resolving the grave threat of massive environmental damage from a possible oil spill or explosion, the U.N. said Tuesday.

UN has cash for Safer salvage but finding a replacement vessel is proving a challenge. *Arab News (Saudi Arabia)*. 18 January 2023. Available from: <https://www.arabnews.com/node/2234366/> The UN is “closer than ever” to beginning the first phase of the salvage operation on the decaying *Safer* oil tanker off the coast of Yemen.

Surging prices delay UN plan to offload oil from ‘time bomb’ tanker. Paul Peachey. *TradeWinds*. 18 January 2023. Available from: <https://www.tradewindsnews.com/tankers/surging-prices-delay-un-plan-to-offload-oil-from-time-bomb-tanker/2-1-1389580> The booming market for secondhand VLCCs has delayed the operation to offload crude oil from a floating storage vessel at risk of breaking up off the coast of Yemen.

UK-insured tanker damaged in fatal explosions is linked to vessel identity laundering fraud. Michelle Wiese Bockmann. *Lloyd’s List*. 18 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143651/> A tanker that exploded while at dock in Thailand with the loss of as many as eight people, was at the centre of a suspected vessel identity laundering fraud.

Defuelling of sunken vessel will be completed in a month’s time, says DC. Naina J A. *Deccan Herald (India)*. 18 January 2023. Available from: <https://www.deccanherald.com/state/mangaluru/defuelling-of-sunken-vessel-will-be-completed-in-a-month-s-time-says-dc-1182338.html> Measures have been taken for the defuelling of the sunken vessel *M V Princess Miral*.

Low Oil Leakage from Sunken Vessel as No Fuel Onboard: Inspection Reveals No Pollution at this Stage. Fredrick Kusu. *SIBC (Solomon Islands Broadcasting Corporation)*. 19 January 2023. Available from: <https://www.sibconline.com.sb/low-oil-leakage-from-sunken-vessel-as-no-fuel-onboard-inspection-reveals-no-pollution-at-this-stage/> There is only light oil leakage from the sunken vessel *MV J. HARMS* that sank off a reef near Noro, Western Province on January 16th, 2023.

Preliminary assessment of new information about the sinking of the passenger ship *M/S Estonia*. *Swedish Accident Investigation Authority*. 23 January 2023. Available from: <https://www.havkom.se/en/investigations/civil-sjoefart/preliminaer-bedoemning-av-nya-uppgifter-om-foerlisningen-av-passagerarfartyget-estonia> The 23 January 23, 2023, the investigation authorities published an interim report that describes the surveys that have been carried out so far and the preliminary conclusions that can be drawn from them. [Report](#) 📄

Estonia ferry disaster inquiry backs finding bow door was to blame. Jon Henley. *The Guardian*. 23 January 2023. Available from: <https://www.theguardian.com/world/2023/jan/23/estonia-ferry-disaster-inquiry-backs-finding-bow-door-was-to-blame> The 1994 *Estonia* ferry disaster that claimed the lives of 852 people was caused by a faulty bow door rather than by a collision or explosion, according to the preliminary findings of an intergovernmental investigation.

'Why I still feel numb when I write about MV Estonia'. Richard Clayton. *Lloyd's List*. 24 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143733/> There were 989 people on board that tragic night in September 1994, of whom 852 perished.

Bulk carrier takes on water in engine room while moored off Mackay coast. Lillian Watkins and Tahlia Kraefft. *ABC (Australia)*. 24 January 2023. Available from: <https://www.abc.net.au/news/2023-01-24/bulk-carrier-takes-on-water-off-coast-of-mackay/101888862> A bulk carrier estimated to be about 300 metres long has taken on water off the coast of Mackay in Queensland's north.

Cargo ship sinks off Japan, leaving two dead, nine missing. Mariko Katsumura. *Reuters*. 25 January 2023. Available from: <https://www.reuters.com/world/asia-pacific/rescue-efforts-under-way-22-crew-members-capsized-cargo-ship-2023-01-25/> Two people died and nine were missing after a cargo ship sank off southwestern Japan early on Wednesday amid fierce winter winds, the coast guard said, as it continued to search for survivors.

Cargo ship with 22 aboard sinks in East China Sea, 2 dead, 9 missing. *Kyodo News (Japan)*. 25 January 2023. Available from: <https://english.kyodonews.net/news/2023/01/916d153183b6-urgent-cargo-ship-with-22-aboard-capsizes-off-southwestern-japan.html> A Hong Kong-registered cargo ship with 22 people aboard sank in the East China Sea off Japan's Nagasaki Prefecture early Wednesday, killing two crew members and leaving nine others missing, the coast guard said.

Chinese ship grounds on the edge of Japan's largest coral reef. Sam Chambers. *Splash 247.com*. 25 January 2023. Available from: <https://splash247.com/chinese-ship-grounds-on-the-edge-of-japans-largest-coral-reef/> A Panamanian-flagged general cargo ship grounded early yesterday morning in stormy waters on the edge of Japan's largest coral reef to the far south of the country.

Turkish cargo ship hit by missile in Ukraine. Harry Papachristou and Gary Dixon. *TradeWinds*. 25 January 2023. Available from: <https://www.tradewindsnews.com/news/turkish-cargo-ship-hit-by-missile-in-ukraine/2-1-1393080> A small cargo ship stuck for months in the Ukrainian port of Kherson at the Dnipro river suffered damages from an incoming projectile, Turkish media reported.

Missile hit Turkish-owned ship in Ukraine's Kherson port -video, sources. Deniz Uyar, Can Sezer and Jonathan Saul. *Reuters*. 25 January 2023. Available from: <https://www.reuters.com/world/europe/missile-hit-turkish-owned-ship-ukraines-kherson-port-video-sources-2023-01-25/> A Turkish-owned general cargo ship was struck by a missile in the port of the southern Ukrainian city of Kherson, sparking a fire, according to video footage from the scene and shipping sources.

Cargoships damaged during attacks on port of Kherson. Bridget Diakun. *Lloyd's List*. 25 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143745/> Two multi-purpose general cargo vessels have been hit during missile attacks on the Ukrainian port of Kherson, according to reports.

Death toll from capsizing of Hong Kong-flagged cargo ship rises to 8 crew members with 9 still missing. Harvey Kong. *South China Morning Post*. 26 January 2023. Available from: <https://www.scmp.com/news/hong-kong/transport/article/3208100/death-toll-capsizing-hong-kong-flagged-cargo-ship-rises-8-crew-members-9-still-missing> The death toll from the capsizing of a Hong Kong-flagged cargo ship in waters between South Korea and Japan has risen to at least eight crew members, including six Chinese nationals, with nine others still missing.

NTSB Finds Fatigue Led to Striking of an Oil and Gas Production Platform. *US National Transportation Safety Board (NTSB)*. 26 January 2023. Available from: <https://www.nts.gov/news/press-releases/Pages/NR20230126A.aspx> A company not adhering to their 12-hour work limit led to an offshore supply vessel striking an oil and gas production platform, the National Transportation Safety Board said Thursday.

Eight confirmed dead and nine missing after Chinese cargo ship sinking. Gary Dixon. *TradeWinds*. 27 January 2023. Available from: <https://www.tradewindsnews.com/casualties/eight-confirmed-dead-and-nine-missing-after-chinese-cargo-ship-sinking/2-1-1394538> Japan has confirmed that eight crew members died after their cargo ship sank, and nine more are still missing.

Rolling in the deep. *Marine Professional (IMarEST)*. 27 January 2023. Available from: <https://www.imarest.org/themarineprofessional/troublespot/6743> When a ship lost hundreds of its containers overboard after rolling heavily in benign seas, accident investigators found the incident was caused by a common yet fundamentally misunderstood maritime phenomenon — parametric resonance.

An urgent appeal to the shipping community: Help the UN avert catastrophe in Yemen. *Lloyd's List*. 27 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143781/> The late twentieth century was punctuated by a sorry litany of tanker break-up oil spills that ran from *Torrey Canyon*, *Amoco Cadiz*, *Exxon Valdez*, *Braer* and *Sea Empress* to *Erika* and *Prestige*.

Crew member dead following onboard fire of Chinese vessel in Hong Kong waters. Michael Grinter. *Hong Kong Maritime Hub*. 30 January 2023. Available from: <http://www.hongkongmaritimehub.com/crew-member-dead-following-onboard-fire-of-chinese-vessel-in-hong-kong-waters/> One member of a 12-man crew aboard the Chinese-registered *Guo Xin 1* in Hong Kong waters has died of his injuries this morning (30 January).

Containership Suffers Engine Room Fire at the Panama Canal. Mike Schuler. *gCaptain*. 30 January 2023. Available from: <https://gcaptain.com/containership-suffers-engine-room-fire-at-the-panama-canal/> The Panama Canal Authority is reporting that a fire broke out in the engine room of a containership near the Pacific entrance of the Panama Canal on Monday.

Incident at the Pacific Entrance of the Panama Canal under control. *Panama Canal Authority*. 30 January 2023. Available from: <https://pancanal.com/en/incident-at-the-pacific-entrance-of-the-panama-canal-under-control/> The Panama Canal reports that this morning the container vessel *CAPE KORTIA*, while moving towards the PSA port in the Pacific, reported a fire outbreak in the engine room.

There's a decrepit supertanker off the coast of Yemen — it's another *Exxon Valdez* disaster just waiting to happen. Frank Giustra. *The Star (Canada)*. 31 January 2023. Available from: <https://www.thestar.com/business/opinion/2023/01/31/yemens-looming-red-sea-oil-disaster-is-an-exxon-valdez-waiting-to-happen.html> An oil spill from abandoned supertanker *FSO Safer*, anchored off the coast of war-torn Yemen, would parallel the 1989 Valdez disaster in Alaska, the effects of which are still felt today.

ENVIRONMENT

More than 100,000 tourists will head to Antarctica this summer. Should we worry about damage to the ice and its ecosystems? Elizabeth Leane, Anne Hardy, Can Seng Ooi, Carolyn Philpott, Hanne E.F. Nielsen and Katie Marx. *The Conversation*. 4 January 2023. Available from: <https://theconversation.com/more-than-100-000-tourists-will-head-to-antarctica-this-summer-should-we-worry-about-damage-to-the-ice-and-its-ecosystems-192843> Travelling on one of more than 50 cruise ships, they will brave the two-day trip across the notoriously rough Drake Passage below Patagonia, destined for the polar continent of Antarctica.

Europe: Warm start to 2023 breaks records and skiers' hearts, says WMO. *UN News*. 5 January 2023. Available from: <https://news.un.org/en/story/2023/01/1132177> The unusually warm conditions in Europe that marked the festive season broke records – and likely skiers' hearts - in several countries on the continent, on New Year's Eve and New Year's Day, the UN World Meteorological Organization has confirmed.

What the BBNJ negotiations could mean for the ocean's 'twilight zone'. Vrinda Suresh, Julia Mason and Doug Rader. *Environmental Defense Fund (EDF)*. 9 January 2023. Available from: <https://blogs.edf.org/edfish/2023/01/09/what-the-bbnj-negotiations-could-mean-for-the-oceans-twilight-zone/> During the last two weeks of August 2022, delegates from across the globe gathered in New York City for the Fifth Session of the Intergovernmental Conference, or IGC5, to develop a new treaty to protect biodiversity in offshore waters, called the Biodiversity Beyond National Jurisdiction Agreement, or BBNJ Agreement.

Ozone layer recovery is on track, due to success of Montreal Protocol. *UN News*. 9 January 2023. Available from: <https://news.un.org/en/story/2023/01/1132277> But the group also warned of the unintended impacts on the ozone layer of new technologies such as geoengineering.

REVEALED: Undercover video shows deep sea mining tests tainted by pollution and flawed monitoring. *Greenpeace International*. 10 January 2023. Available from: <https://www.greenpeace.org/usa/news/revealed-undercover-video-shows-deep-sea-mining-tests-tainted-by-pollution-and-flawed-monitoring/> Undercover footage of the latest deep sea mining tests in the Pacific Ocean by Canadian miner The Metals Company (TMC) and its Swiss operating partner and shareholder AllSeas shows that wastewater sucked up from the seabed was dumped directly onto the sea's surface. [Raw Footage of TMC Spill in the Pacific Ocean](#) 📺

Ocean temperatures in 2022 were highest ever recorded, study says. *France 24*. 11 January 2023. Available from: <https://www.france24.com/en/environment/20230111-ocean-temperatures-in-2022-were-highest-ever-recorded-study-says> The world's oceans, which have absorbed most of the excess heat caused by humanity's carbon pollution, continued to see record-breaking temperatures last year, according to research published Wednesday.

Past eight years confirmed to be the eight warmest on record. *World Meteorological Organization (WMO)*. 12 January 2023. Available from: <https://public.wmo.int/en/media/press-release/past-eight-years-confirmed-be-eight-warmest-record> 📰 The past eight years were the warmest on record globally, fuelled by ever-rising greenhouse gas concentrations and accumulated heat, according to six leading international temperature datasets consolidated by the World Meteorological Organization.

How to create a healthy ocean that benefits everyone. Peter Thomson. *World Economic Forum*. 15 January 2023. Available from: <https://www.weforum.org/agenda/2023/01/how-to-create-a-healthy-ocean-that-benefits-everyone-davos23/> 📰 Restoring ocean health is not just about verdant mangrove forests, thriving fish stocks and pristine blue waters, although these are all vitally important in their own right. [Ocean Action Agenda](#) 📄

Humpback whale ‘hog-tied’ in fishing gear rescued off B.C. coast. *Canadian Broadcasting Corporation (CBC)*. 19 January 2023. Available from: <https://www.cbc.ca/news/canada/british-columbia/humpback-whale-rescue-port-hardy-1.6718741> 📰 A young humpback whale was rescued off the coast of Vancouver Island on Monday when it was found tangled up in fishing gear, according to officials.

Sea level rise may threaten Indonesia’s status as an archipelagic country. Dita Liliansa. *The Conversation*. 19 January 2023. Available from: <https://theconversation.com/sea-level-rise-may-threaten-indonesias-status-as-an-archipelagic-country-195217> The recent UN Intergovernmental Panel on Climate Change (IPCC) report found global sea levels have been rising at an accelerated rate.

Blue carbon studies can support climate change mitigation: ministry. *Antara News (Indonesia)*. 30 January 2023. Available from: <https://en.antaranews.com/news/271146/> The Ministry of Environment and Forestry (KLHK) has said that a study on preparing a blue carbon ecosystem and integrating marine ecosystems have an important role in climate change mitigation efforts.

ENVIRONMENTAL POLLUTION

Cleaning ships: What’s involved in meeting New Zealand’s strict biofoul thresholds. Niva Chittock. *Radio New Zealand*. 4 January 2023. Available from: <https://www.rnz.co.nz/news/business/481893/cleaning-ships-what-s-involved-in-meeting-new-zealand-s-strict-biofoul-thresholds> Some divers in the Bay of Plenty spent their Christmas cleaning algae and barnacles from ships off the coast of Tauranga.

‘Ecological disaster’: Spanish energy giant Repsol hit with further €5.5m fine for oil spill in Peru. Rosie Frost. *Euronews*. 5 January 2023. Available from: <https://www.euronews.com/green/2023/01/05/ecological-disaster-spanish-energy-giant-repsol-hit-with-further-55m-fine-for-oil-spill-in> Three new fines were issued for “administrative responsibilities” relating to the spill, according to the Environmental Assessment and Monitoring Agency (OEFA).

Braer disaster: Thirty years on from Scotland’s worst oil spill. Louise Hosie. *STV News (Scotland)*. 5 January 2023. Available from: <https://news.stv.tv/highlands-islands/braer-disaster-thirty-years-on-from-scotlands-worst-oil-spill-after-tanker-grounded-in-shetland> At the time of the disaster there was no emergency tug cover, which may have helped prevent the *Braer* from grounding.

A hitchhiker's guide to floating marine debris. *UK Government.* 6 January 2023. Available from: <https://www.gov.uk/government/news/a-hitchhikers-guide-to-floating-marine-debris> Invasive species are recognised as one of the greatest threats to marine biodiversity worldwide, second only to habitat loss, and cost the UK economy £120 million a year.

'Nurdles' are devastating the environment but they are yet to be classified as hazardous.

Charlie Jaay. *Euronews.* 8 January 2023. Available from: <https://www.euronews.com/green/2023/01/08/what-are-nurdles-and-how-are-they-devastating-the-environment> Nurdles are the raw material of the plastics industry.

Bodies meet to address biosecurity concerns over cruise ship cleaning. Niva Chittock. *Radio New Zealand.* 9 January 2023. Available from: <https://www.rnz.co.nz/news/national/482146/bodies-meet-to-address-biosecurity-concerns-over-cruise-ship-cleaning> Biosecurity New Zealand and the Cruise Association say they are working together to reduce the number of cruise ships being sent for last-minute cleaning.

Tanker spill statistics 2022. *International Tanker Owners Pollution Federation Limited (ITOPF).* 11 January 2023. Available from: <https://www.itopf.org/news-events/news/tanker-spill-statistics-2022/> Data from ITOPF shows that seven oil spills of more than seven tonnes were recorded from tanker incidents in 2022.

MPI and NZ Cruise Association in biofouling talks as foreign biomatter found on five ships.

Thomas Bywater. *New Zealand Herald.* 12 January 2023. Available from: <https://www.nzherald.co.nz/travel/mpi-and-nz-cruise-association-in-biofouling-talks-as-foreign-biomatter-found-on-five-ships/SLW7UW4FPFHSHKREAXP7VHUR2U/> This summer, alien invaders and non native species have been found stuck to the underside of ships with an alarming rate this summer.

Cruise ship Azamara Quest's passengers not too happy with change in cruise's plans due to biofouling. Yashas Srinivasa. *Stuff (New Zealand).* 12 January 2023. Available from:

<https://www.stuff.co.nz/timaru-herald/news/130955278/> 🗣️ The passengers on the second cruise ship to visit Timaru in under a month are disappointed with the change in plans as the ship was restricted from entering certain ports for not cleaning its biofouling.

Deliberate dumping of plastic trash in the Pacific: How widespread is it? Saam Shams.

Mongabay. 12 January 2023. Available from: <https://news.mongabay.com/2023/01/deliberate-dumping-of-plastic-trash-in-the-pacific-how-widespread-is-it-commentary/> In late August of 2022, the sea turtle conservation team of Osa Conservation in Costa Rica noticed a significant increase in plastic debris, mostly drink bottles, arriving on the beaches they patrol.

Dolphins 'shout' to compensate for human-made background noise. Hannah Devlin.

The Guardian. 12 January 2023. Available from: <https://www.theguardian.com/environment/2023/jan/12/dolphins-shout-compensate-human-made-background-noise> We have all experienced the frustration of trying to hold a conversation in a loud pub or restaurant.

The OECS Continues to Tackle Plastic Pollution in the Caribbean. *Organisation of Eastern Caribbean States (OECS)*. 17 January 2023. Available from: <https://pressroom.oecs.org/the-oecs-continues-to-tackle-plastic-pollution-in-the-caribbean#> The Organisation of Eastern Caribbean States (OECS), with funding from the European Union, through the Agence Française de Développement, has embarked on a new initiative, the Recycle OECS Project, which will focus on the development and implementation of a recyclable plastic waste collection and treatment programme in the OECS.

Underwater noise: we have the way, now we need the political will. Melanie Lancaster. *WWF*. 19 January 2023. Available from: <https://www.arcticwwf.org/newsroom/news/underwater-noise-we-have-the-way-now-we-need-the-political-will/> From 23 to 27 January, representatives from 175 countries that make up the UN International Maritime Organization (IMO) – the regulatory body for shipping globally– will meet in London at the Sub-Committee on Ship Design and Construction (SDC) meeting to continue their review of IMO guidelines to reduce impacts of underwater noise from shipping.

Grappling with the biggest marine plastic spill in history. Katherine Bourzac. *Chemical & Engineering News (C&EN)*. 22 January 2023. Available from: <https://cen.acs.org/environment/pollution/marine-plastic-spill-xpress-pearl-nurdle/101/i3> The wreck of the *X-Press Pearl* unleashed a record 1,680 metric tons of plastic pellets on Sri Lanka's coast in 2021.

Between 60 and 100 litres of oil spilled in Vancouver's English Bay. *Canadian Broadcasting Corporation (CBC)*. 22 January 2023. Available from: <https://www.cbc.ca/news/canada/british-columbia/oil-spill-vancouver-english-bay-1.6722517> The Canadian Coast Guard says it is working to contain and assess an oil spill from a container ship in Vancouver's English Bay.

Mayors file legal complaint over plastic waste washed up on French coast. *Radio France Internationale (RFI)*. 22 January 2023. Available from: <https://bit.ly/3F9Sugi> A hundred people gathered on a beach in Pornic on France's north western coast (Loire-Atlantique) on Saturday to denounce the pollution of plastic micro-beads washed up there and on other beaches in recent weeks.

Biofoul: The stowaway turning dream cruises into trips to nowhere. Natasha Frost. *San Juan Daily Star (Puerto Rico)*. 24 January 2023. Available from: <https://www.sanjuandailystar.com/post/biofoul-the-stowaway-turning-dream-cruises-into-trips-to-nowhere> Images taken during a recent dive survey show high levels of biofouling — including tubeworms, barnacles and oysters — on a cruise ship that arrived in New Zealand.

Inuit warn 'rock concert-like' noise from ships affecting Arctic wildlife. Karen McVeigh. *The Guardian*. 25 January 2023. Available from: <https://www.theguardian.com/environment/2023/jan/25/inuit-warn-noise-pollution-ships-arctic-narwhals> For centuries, narwhals and ringed seals have provided food for Inuit communities on the ice floes of Mittimatalik, or Pond Inlet, on northern Canada's Baffin Island.

HEALTH & SAFETY

COVID in Europe: China's surge not a cause for concern 'at this time' says WHO, as XBB.1.5 virus spreads. *UN News*. 10 January 2023. Available from: <https://news.un.org/en/story/2023/01/1132312> Dr. Hans Kluge, head of the World Health Organization for Europe, explained that this is because the two variants circulating in China are already present in European countries, according to data provided by the Chinese authorities.

Fatigue - the silent killer. Dennis O'neill. *Marine Professional (IMarEST)*. 13 January 2023. Available from: <https://www.imarest.org/themarineprofessional/the-long-read/6730-fatigue-the-silent-killer> In 1989, the devastating *Exxon Valdez* oil spill in Port William Sound, Alaska dramatically exposed shipping's pervasive and dangerous disregard for crew sleep and rest.

IMO

IMO faces the New Year squarely. Carlos Salinas. *Manila Times*. 4 January 2023. Available from: <https://www.manilatimes.net/2023/01/04/business/maritime/imo-faces-the-new-year-squarely/1872666> The beginning of every year is a time for undertaking new activities and intensifying new ones.

China Shipowners' Association joins International Chamber of Shipping. *International Chamber of Shipping (ICS)*. 4 January 2023. Available from: <https://www.ics-shipping.org/press-release/china-shipowners-association-joins-international-chamber-of-shipping/> The International Chamber of Shipping (ICS) is pleased to welcome the China Shipowners' Association (CSA) as a Full Member from 1 January 2023.

NAMEPA launches joint Art Contest featuring IMO's 50th Anniversary of MARPOL. Anika Bjarnadottir. *North American Marine Environment Protection Association (NAMEPA)*. 6 January 2023. Available from: <https://namepa.net/2023/01/06/namepa-launches-joint-art-contest-featuring-imos-50th-anniversary-of-marpol/> Students in grades K–12 are invited to participate in the annual calendar art contest sponsored by the North American Marine Environment Protection Association (NAMEPA), the United States Coast Guard (USCG) and the Inter-American Committee on Ports of the Organization of American States (CIP-OAS).

IMO should agree on climate neutrality – a “disaster” if not. Dag Holmstad. *ShippingWatch*. 11 January 2023. Available from: <https://shippingwatch.com/regulation/article14825686.ece> A decisive battle regarding shipping's climate ambitions will take place in July, says Danish Shipping, arguing that IMO's climate committee should decide on a tightening of 2050 climate targets and set dates for specific measures ensuring climate neutrality.

Revised IMO GHG Reduction Strategy Could Be Coming Sooner, Rather Than Later. Nikos Roussanoglou. *Hellenic Shipping News*. 16 January 2023. Available from: <https://www.hellenicshippingnews.com/revised-imo-ghg-reduction-strategy-could-be-coming-sooner-rather-than-later/> Regulatory pressure on shipping to further move towards emissions reduction, is only going to get higher as months go by, with 2023 expected to be a key year towards this.

IMO report finds indifference and ignorance about fake flags and fraudulent shipping practices. Michelle Wiese Bockmann. *Lloyd's List*. 20 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143686/I> There is widespread ignorance and indifference about fraudulent flagging and registration, according to research undertaken by Sweden's World Maritime University and presented in an interim report to the IMO.

SDC9: NGOS Call on UN Shipping Body Reduce to Underwater Noise Impact on Marine Life. *Clean Arctic Alliance*. 23 January 2023. Available from: <https://cleanarctic.org/2023/01/23/sdc9-ngos-call-on-un-shipping-body-reduce-underwater-noise-impact-on-marine-life/> The Clean Arctic Alliance today called for urgent action to address the impact of underwater noise from ships on Arctic wildlife, as a meeting of the International Maritime Organization's (IMO) Sub-Committee on Ship Design and Construction opens in London (SDC 9, 23-27 January).

Debate on noise rules being mandatory or not gets louder as IMO meeting starts. Paul Berrill. *TradeWinds*. 23 January 2023. Available from: <https://www.tradewindsnews.com/regulation/debate-on-noise-rules-being-mandatory-or-not-gets-louder-as-imo-meeting-starts/2-1-1392171> Environmental group the Clean Arctic Alliance is calling for measures tackling underwater noise from ships to be made mandatory as the International Maritime Organization meets to consider the issue.

IMO number declared invalid after fatal explosions on UK-insured tanker linked to vessel identity fraud. Michelle Wiese Bockmann. *Lloyd's List*. 24 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143734/> Thailand has ordered an investigation into last week's fatal explosions on a UK-insured tanker at the centre of a North Korea-backed vessel identity-laundering scam amid flip-flopping by maritime regulators over whether the ship exists or not.

UN Agency Moves to Curb Underwater Shipping Noise That Affects Marine Life. Danielle Bochove. *Bloomberg*. 27 January 2023. Available from: <https://www.bnnbloomberg.ca/un-agency-moves-to-curb-underwater-shipping-noise-that-affects-marine-life-1.1875873> The International Maritime Organization, a United Nations agency responsible for the safety and security of global shipping and the prevention of pollution by the industry, is revising 2014 guidelines for commercial ships in order to reduce underwater noise that threatens some marine species.

IMO Updates Guidelines on Noise Pollution, But no Mandatory Rules for the Arctic. Malte Humpert. *High North News (Norway)*. 31 January 2023. Available from: <https://www.highnorthnews.com/en/imo-updates-guidelines-noise-pollution-no-mandatory-rules-arctic> The International Maritime Organization took incremental steps to protecting marine environments, including in the Arctic, from noise pollution.

LAW & POLICY

Opposition Grows Among Countries as Seabed-Mining Efforts Push Ahead. Maurizio Guerrero. *PassBlue* 2 January 2023. Available from: <https://www.passblue.com/2023/01/02/opposition-grows-among-countries-as-seabed-mining-efforts-push-ahead/> At least a dozen United Nations member states, along with Latin American and Caribbean countries, oppose a plan by a global body to issue the first-ever license to a nation to explore minerals in the deep seabed in 2023.

Maritime execs tackle climate change impact on region at forum *The Gleaner (Jamaica)*. 3 January 2023. Available from: <https://jamaica-gleaner.com/article/shipping/20230103/maritime-execs-tackle-climate-change-impact-region-forum> As maritime transport faces increased measures this year, decarbonisation of the Caribbean and the shipping industry was the focus at the Maritime Energy Association and Net Zero Atlantic webinar recently.

Nautilus raises key concerns in first meeting with new maritime minister. *Nautilus International*. 3 January 2023. Available from: <https://www.nautilusint.org/en/news-insight/news/nautilus-raises-key-concerns-in-first-meeting-with-new-maritime-minister/> Nautilus general secretary Mark Dickinson has discussed skills, maritime jobs, and government action following the P&O Ferries crisis in his first meeting with new maritime minister Baroness Vere.

French Warship Seizes Illegal Drugs in North Arabian Sea. *Combined Maritime Forces (CMF)*. 3 January 2023. Available from: <https://combinedmaritimeforces.com/2023/01/03/french-warship-seizes-illegal-drugs-in-north-arabian-sea/> A French warship seized illegal drugs worth a total estimated U.S. street value of \$24 million from a fishing vessel transiting international waters in the North Arabian Sea, Dec. 27.

Lula revives \$1 billion Amazon Fund and environmental protections. Sebastian Rodriguez. *Climate Home News*. 5 January 2023. Available from: <https://www.climatechangenews.com/2023/01/04/first-day-office-lula-revives-1-billion-fund-amazon/> In his first day in office, Brazil's new president, Lula da Silva, signed a package of seven executive orders aimed at controlling deforestation in the Amazon and re-building the country's environmental institutions.

Helsinki court fines two Italian mariners over 2019 Baltic Sea oil spill. *Yle News (Finland)*. 5 January 2023. Available from: <https://yle.fi/a/74-20011450> The incident led to between 9 and 39 cubic metres of oil being discharged into the sea off the coast of Turku.

Fight against illegal fishing: Commission identifies Cameroon as a non-cooperating country. *European Commission*. 5 January 2023. Available from: https://ec.europa.eu/commission/presscorner/detail/en/IP_22_7890 Today, the Commission decided to identify Cameroon as a non-cooperating country in the fight against Illegal, Unreported and Unregulated (IUU) fishing, giving it a so-called 'red card'.

EU gives 'red card' to Cameroon over fishing. *Radio France Internationale (RFI)*. 5 January 2023. Available from: <https://www.rfi.fr/en/business-and-tech/20230105-eu-gives-red-card-to-cameroon-over-fishing> The EU on Thursday gave a "red card" to Cameroon for failing to cooperate in the international fight against illegal fishing.

International law and the criminalization of sea rescue. Natasha Mellersh. *InfoMigrants*. 6 January 2023. Available from: <https://www.infomigrants.net/en/post/45860/international-law-and-the-criminalization-of-sea-rescue> The new decree introduced by Italy's new far-right government is expected to significantly limit rescue capacities at sea, making the central Mediterranean migration route even more dangerous.

Thirteen critical questions for international climate action in 2023. Joe Lo. *Climate Home News*. 6 January 2023. Available from: <https://www.climatechangenews.com/2023/01/06/thirteen-critical-questions-for-international-climate-action-in-2023/> Last year was shaped by events that barely anyone predicted – Russia's invasion of Ukraine, horrendous floods in Pakistan and a hard-fought breakthrough on finance for victims of climate disaster.

Biden-Harris Administration Releases New Guidance to Disclose Climate Impacts in Environmental Reviews. *The White House*. 6 January 2023. Available from: <https://www.whitehouse.gov/ceq/news-updates/2023/01/06/biden-harris-administration-releases-new-guidance-to-disclose-climate-impacts-in-environmental-reviews/> The White House Council on Environmental Quality (CEQ) today released updated Guidance on Consideration of Greenhouse Gas Emissions and Climate Change to help Federal agencies better assess and disclose climate impacts as they conduct environmental reviews, delivering more certainty and efficiency in the permitting process for clean energy and other infrastructure projects.

Unfinished Business in Nigeria's Maritime Sector. *This Day (Nigeria)*. 8 January 2023. Available from: <https://www.thisdaylive.com/index.php/2023/01/08/unfinished-business-in-nigerias-maritime-sector/> With about five months to stay in office, the Minister of Transportation, Mr. Mua'zu Jaji Sambo, who assumed office in July 2022, has a lot to accomplish based on the expectations of industry stakeholders before the May 29 curtain is drawn.

MT Heroic Idun: Court To Start Crew Members' Trial Tuesday. *Anayo Onukwugha. Leadership (Nigeria)*. 8 January 2023. Available from: <https://leadership.ng/mt-heroic-idun-court-to-start-crew-members-trial-tuesday/> The Federal High Court sitting in Port Harcourt will on Tuesday commence the trial of 16 foreign crew members of an arrested super vessel, *MT Heroic Idun*.

Foreign Ministry sends note verbale to Libyan embassy over research vessel.

Ekathimerini (Greece). 10 January 2023. Available from: <https://www.ekathimerini.com/news/1201975> The Foreign Ministry has sent the Libyan embassy in Athens a note verbale rejecting accusations that the *Sanco Swift* research vessel is acting illegally.

UN ECOSOC Special Consultative Status Awarded to Human Rights at Sea. *Human Rights at Sea (HRAS)*. 10 January 2023. Available from: <https://www.humanrightsatsea.org/news/un-ecosoc-special-consultative-status-awarded-human-rights-sea> Consultative status is given to civil society organisations on the underlying basis that the UN and the international community can benefit from the expertise of those fighting against human rights violations, struggling against climate change and pushing to achieve the UN's Sustainable Development Goals.

Biden-Harris administration releases first-ever blueprint to decarbonize America's transportation sector. *US Department of Transportation*. 10 January 2023. Available from: <https://www.transportation.gov/briefing-room/biden-harris-administration-releases-first-ever-blueprint-decarbonize-americas> Developed by the Departments of Energy, Transportation, Housing and Urban Development, and the Environmental Protection Agency, the Blueprint is a landmark strategy for cutting all greenhouse emissions from the transportation sector by 2050.
[U.S. NATIONAL BLUEPRINT FOR TRANSPORTATION DECARBONIZATION](#) 📄

Sharp, Long-lasting Slowdown to Hit Developing Countries Hard. *World Bank*. 10 January 2023. Available from: <https://www.worldbank.org/en/news/press-release/2023/01/10/global-economic-prospects> Global growth is slowing sharply in the face of elevated inflation, higher interest rates, reduced investment, and disruptions caused by Russia's invasion of Ukraine, according to the World Bank's latest Global Economic Prospects report.

Global Economic Prospects. *World Bank*. January 2023. Available from: <https://www.worldbank.org/en/publication/global-economic-prospects> Global growth is projected to slow to its third-weakest pace in nearly three decades, overshadowed only by the 2009 and 2020 global recessions. [Executive Summary](#) 📄 [Full Report](#) 📄

A final sprint to make the EU Fit for 55. Sean Goulding Carroll. *EurActiv*. 10 January 2023. Available from: <https://www.euractiv.com/section/transport/news/a-final-sprint-to-make-the-eu-fit-for-55/> The transport sector will remain a key focus of the climate law discussions, with a number of mobility files yet to be agreed.

Carbon finance is at the core of climate goals. *Official Monetary and Financial Institutions Forum.* 11 January 2023. Available from: <https://www.omfif.org/2023/01/carbon-finance-is-at-the-core-of-climate-goals/> Without fast and deep emission reductions in all sectors, limiting global warming to 1.5 degrees Celsius is not achievable.

Editorial: The high cost of low-carbon transportation. *Business in Vancouver (Canada).* 12 January 2023. Available from: <https://biv.com/article/2023/01/editorial-high-cost-low-carbon-transportation> Are consumers ready to put their money where their mouths are on the road to low-carbon transportation?

Biden Administration Decarbonization Blueprint targets transportation. Stas Margaronis. *American Journal of Transportation (AJOT).* 12 January 2023. Available from: <https://www.ajot.com/insights/full/ai-biden-administration-decarbonization-blueprint-targets-transportation> On January 10th, the Biden administration released the “U.S. National Blueprint for Transportation Decarbonization” in which: “To address the climate crisis, we must eliminate nearly all greenhouse gas (GHG) emissions from the sector by 2050.”

Prince Rupert to ban cruise ships from dumping contaminated wastewater. Rochelle Baker. *Vancouver Sun (Canada).* 12 January 2023. Available from: <https://vancouversun.com/news/local-news/prince-rupert-bans-cruise-ship-wastewater-dumping> Heavy metals from scrubber wastewater can accumulate, harming marine life and causing reproductive disorders in endangered marine mammals.

Climate change: UAE names oil chief to lead COP28 talks. Matt McGrath. *BBC News.* 12 January 2023. Available from: <https://www.bbc.co.uk/news/science-environment-64240206> The head of one of the world’s biggest oil companies has been named to lead the COP28 global climate talks in Dubai, later this year.

UAE puts oil company boss in charge of Cop28 climate talks. Joe Lo. *Climate Home News.* 12 January 2023. Available from: <https://www.climatechangenews.com/2023/01/12/uae-puts-oil-company-boss-in-charge-of-cop28-climate-talks> 🇦🇪 The United Arab Emirates (UAE) government has appointed Sultan Al-Jaber to be the president of the Cop28 climate talks in November.

The Lloyd’s List Podcast: Can the Ukraine grain corridor survive 2023? *Lloyd’s List.* 13 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143585/> 📻 The deal to allow the safe transport of grain out of Ukraine by sea was an extraordinary and unprecedented agreement between enemy combatants.

Ocean conservation: Seychelles’ marine spatial plan in final stages of completion. *Seychelles News Agency.* 13 January 2023. Available from: <http://www.seychellesnewsagency.com/articles/18023> The Seychelles Marine Spatial Plan is expected to be implemented this year, with the final works now being completed, according to a top official.

European Mediterranean states to establish large marine protected areas. Federica Pascale. *EurActiv.* 13 January 2023. Available from: <https://www.euractiv.com/section/politics/news/european-mediterranean-states-to-establish-large-marine-protected-areas/> An agreement to establish a large marine protected area in the Mediterranean is in the pipeline between Italy, France, Spain, and Cyprus to meet EU targets on the protection of the sea and biodiversity, Italy’s environment minister said on Thursday.

UNODC and WWF partner to reduce occurrence of crimes at sea and their impact on ecosystems and livelihoods. *United Nations Office on Drugs and Crime (UNODC).*

13 January 2023. Available from: <https://bit.ly/3ZykAKj> The Galápagos Marine Reserve is one of the largest marine protected areas in the world, which makes monitoring and patrolling it expensive and challenging.

Greece in spotlight over trial of activists, volunteers who rescued migrants. *UN News.*

13 January 2023. Available from: <https://news.un.org/en/story/2023/01/1132432> The hearing involving 24 volunteers and activists began on Tuesday on the Greek island of Lesbos, prompting OHCHR to warn of the “chilling effect” that it has had on other rights defenders, who’ve now halted their work in Greece and other European Union countries.

Black Sea grain deal keeps making a difference: UN official. *Xinhuanet (China).*

14 January 2023. Available from:

<https://english.news.cn/20230114/1e30a4890266475db411ddf119c6b2c4/c.html>

The deal on the export of grain and fertilizers from Black Sea ports continues to make a difference, as indicated in the lowering of global food prices, a senior United Nations official said Friday.

AfCFTA: Buhari urges Africa to boost int’l trade. *News Agency of Nigeria (NAN).*

17 January 2023. Available from: <https://www.nannews.ng/2023/01/17/afcfta-buhari-urges-africa-to-boost-intl-trade/> President Muhammadu Buhari has urged African countries to expand and diversify their participation in international trade to explore the benefits of the African Continental Free Trade Agreement (AfCFTA).

Estonian foreign ministry wants to extend controlled maritime area. *ERR News (Estonia).*

17 January 2023. Available from: <https://news.err.ee/1608853667> Last week, following a proposal from the Ministry of Foreign Affairs, the government cabinet discussed the potential establishment of a contiguous zone in Estonia’s maritime area.

BRS says shadow fleet oil spill could put an end to rogue trade. Gary Dixon. *TradeWinds.*

17 January 2023. Available from: <https://www.tradewindsnews.com/tankers/brs-says-shadow-fleet-oil-spill-could-put-an-end-to-rogue-trade/2-1-1389223> An oil spill arising from the elderly “shadow” fleet of tankers carrying Russian, Iranian and Venezuelan oil could provide a sharp boost to mainstream tanker rates.

The Wilton Park Conference Report on “Human Rights Law at Sea” Published. *Human Rights at Sea (HRAS).*

17 January 2023. Available from: <https://www.humanrightsatsea.org/news/wilton-park-conference-report-human-rights-law-sea-published> Wilton Park enabled selected experts and practitioners to come together with the aim of exploring and articulating the role of human rights law at sea and to deliberate on how practical barriers to their effective application might best be addressed. [Report](#) 📄

Green light for EU grant funding application for onshore power pilot studies. *Ports of Stockholm.*

17 January 2023. Available from: <https://www.portsofstockholm.com/about-us/news/2023/green-light-for-eu-grant-funding-application-for-onshore-power-pilot-studies/> Ports of Stockholm can jointly apply, together with eight other Baltic Sea ports, for EU grant funding for pilot studies to develop the onshore power infrastructure, enabling more sustainable shipping with low air pollutant emissions.

New research reveals shifting identities of global fishing fleet to help bolster fisheries management. *Global Fishing Watch*. 18 January 2023. Available from: <https://globalfishingwatch.org/press-release/shifting-identities-of-global-fishing-fleet-bolsters-fisheries-management/> A new study published today in *Science Advances* combines a decade's worth of satellite vessel tracking data with identification information from more than 40 public registries to determine where and when vessels responsible for most of the world's industrial fishing change their country of registration, a practice known as "reflagging", and identify hotspots of potential unauthorized fishing and activity of foreign-owned vessels.

U.N. calls out Ukraine grain deal backlog, urges improvement. Michelle Nichols. *Reuters*. 18 January 2023. Available from: <https://www.reuters.com/world/europe/un-calls-out-ukraine-grain-deal-backlog-urges-improvement-2023-01-18/> The United Nations on Wednesday called out inefficiencies in the operation of a deal allowing Ukraine Black Sea grain exports, but did not lay blame for a backlog of more than 100 ships in Turkish waters waiting on travel approval and inspections.

Risk of death at sea will increase exponentially under Italy's new immigration rules. *Euro-Med Human Rights Monitor*. 19 January 2023. Available from: <https://euromedmonitor.org/en/article/5509> The primary goal of a new immigration decree signed by the Italian government is to constrict and hinder the work of humanitarian-operated ships which rescue people at sea, inevitably provoking more deaths in the Mediterranean, warned the Euro-Med Monitor in a statement today.

The Black Sea wheat trade: Navigating political turmoil and supply shortages. *S&P Global*. 19 January 2023. Available from: <https://bit.ly/3mE87G1> In this episode of the *Commodities Focus* podcast, our experts delve into the Black Sea wheat trade situation amid the ongoing Russia-Ukraine War, from the impact of the Black Sea Grain Initiative on global food security to the challenges faced by the initiative and the future of wheat exports in the region.

COP15 catalyses new commitments for ocean biodiversity in 2023 and beyond. *UNESCO*. 19 January 2023. Available from: <https://ioc.unesco.org/news/cop15-catalyses-new-commitments-ocean-biodiversity-2023-and-beyond> Chaired by China and hosted by Canada in Montreal, the 15th Conference of Parties of the Convention on Biological Diversity (CBD COP15) saw nearly 200 countries agree to protect 30% of lands, oceans, coastal areas and inland waters by 2030, as part of the new and historic Kunming-Montreal Global Biodiversity Framework (GBF).

Lawsuit Challenges Approval of Sea Port Oil Terminal: Massive Gulf Coast Deepwater Oil-Export Terminal Violates Federal Law. *Center for Biological Diversity*. 19 January 2023. Available from: <https://biologicaldiversity.org/w/news/press-releases/lawsuit-challenges-approval-of-sea-port-oil-terminal-2023-01-19/> Environmental and community groups sued the U.S. Department of Transportation today over its approval of the Sea Port Oil Terminal, also known as SPOT, a proposed massive Gulf Coast deepwater oil-export facility off the coast of Brazoria County, Texas.

Ship Owner and Operator Sentenced for Environmental Crimes. *US Department of Justice*. 19 January 2023. Available from: <https://www.justice.gov/opa/pr/ship-owner-and-operator-sentenced-environmental-crimes> Empire Bulk Limited and Joanna Maritime Limited, two related companies based in Greece, were sentenced today for committing knowing and wilful violations of the Act to Prevent Pollution from Ships (APPS) and the Ports and Waterways Safety Act related to their role as the operator and owner of the Motor Vessel (*M/V*) *Joanna*.

The human cost of fishing is higher than you think. Sam Andrews. *Marine Professional (IMarEST)*. 20 January 2023. Available from: <https://www.imarest.org/themarineprofessional/interactions/6734> IMarEST Global Fisheries Improvements Special Interest Group chair Eric Holliday FIMarEST discusses the hidden human cost of global fishing.

Inspections of Ukrainian grain ships halved since October. Jamey Keaten. *Associated Press*. 20 January 2023. Available from: <https://apnews.com/article/politics-health-russia-government-united-nations-business-b2f6bb9e50b7440ea6c18f66e016e145> Inspections of ships carrying Ukrainian grain and other food exports have slowed to half their peak rate under a U.N.-brokered wartime agreement, creating backlogs in vessels meant to carry supplies to developing nations where people are going hungry, United Nations and Ukrainian officials say.


French MPs vote to block deep-sea mining and back international ban. *Radio France Internationale (RFI)*. 20 January 2023. Available from: <https://www.rfi.fr/en/france/20230120-french-mps-vote-to-block-deep-sea-mining-and-back-international-ban-isa> France's parliament has called for the country to join the international fight to ban deep-sea mining, starting by outlawing the practice in its own vast marine territory.

The acid test: legal moves to force action on climate change. Donald R. Rothwell. *Samoa Observer*. 23 January 2023. Available from: https://www.samoaoobserver.ws/category/op_ed/101676 The call for a global response to the impact of climate change and especially the threats posed by sea-level rise for small island states has been constant and growing increasingly louder.

Bulker backlog: Russia denies slowing down Ukraine grain ship inspections. Gary Dixon. *TradeWinds*. 23 January 2023. Available from: <https://www.tradewindsnews.com/bulkers/bulker-backlog-russia-denies-slowing-down-ukraine-grain-ship-inspections/2-1-1392045> Inspections of bulkers carrying Ukrainian grain exports have fallen dramatically, creating a big backlog.

Judge unexpectedly resumes frozen Beirut blast investigation. Laila Bassam, Maya Gebeily and Timour Azhari. *Reuters*. 23 January 2023. Available from: <https://www.reuters.com/world/middle-east/beirut-blast-investigator-resumes-work-after-more-than-year-lebanese-media-2023-01-23/> The judge investigating the 2020 Beirut port explosion has unexpectedly resumed his inquiry and charged top security officials, three judicial officials said on Monday, more than a year after his probe was frozen by political resistance.

Persistent corruption in maritime sector hindering trade, development. *Business Ghana*. 23 January 2023. Available from: <http://www.businessghana.com/site/news/business/278357/Persistent-corruption-in-maritime-sector-hindering-trade,-development-> The Deputy Director-General of Finance & Administration at the Ghana Maritime Authority (GMA), Yaw Akosa Antwi, has said corruption in the maritime industry will persist due to the nature of the shipping industry.

UNODC global report on trafficking in persons: crises shift trafficking patterns and hinder victim identification. *United Nations Office on Drugs and Crime (UNODC)*. 24 January 2023. Available from: <https://www.unodc.org/unodc/en/press/releases/2023/January/global-report-on-trafficking-in-persons-2022.html> Fewer victims of trafficking in persons are being identified even as the COVID-19 pandemic and other crises are increasing vulnerabilities to exploitation, according to the latest Global Report on Trafficking in Persons launched today by UNODC. [Global Report on Trafficking in Persons 2022](#) 

IDP supports Barbados to advance its marine spatial planning process. *Caribbean National Weekly (CNW)*. 24 January 2023. Available from: <https://www.caribbeannationalweekly.com/news/caribbean-news/idp-supports-barbados-to-advance-its-marine-spatial-planning-process/> The Inter-American Development Bank (IDB) is supporting technically and financially, the launch by Barbados of a planning process to set the foundations for its marine management (MSP).

Tehran, Tokyo promote port, maritime coop. in Persian Gulf. *MEHR News Agency (Iran)*. 24 January 2023. Available from: <https://en.mehrnews.com/news/196581> The managing director of Iran's Ports and Maritime Organization (PMO), Ali Akbar Safaei, met with Japan's ambassador to Tehran, Aikawa Kazutoshi, to discuss the development of infrastructural, transit, and training cooperation.

Multiple crises unleash one of the lowest global economic outputs in recent decades, says UN report. *United Nations Conference on Trade and Development (UNCTAD)*. 25 January 2023. Available from: <https://unctad.org/news/multiple-crises-unleash-one-lowest-global-economic-outputs-recent-decades-says-un-report> A series of severe and mutually reinforcing shocks — the COVID-19 pandemic, the war in Ukraine and resulting food and energy crises, surging inflation, debt tightening, as well as the climate emergency — battered the world economy in 2022.

World Economic Situation and Prospects 2023. *United Nations Department of Economic and Social Affairs (UNDESA)*. 25 January 2023. Available from: <https://desapublications.un.org/publications/world-economic-situation-and-prospects-2023> The World Economic Situation and Prospects 2023 presents a gloomy and uncertain economic outlook for the near term.

'Equal rights cannot wait' on International Day of Women in Multilateralism. *UN News*. 25 January 2023. Available from: <https://news.un.org/en/story/2023/01/1132812> Director-General Audrey Azoulay made the appeal in her message to mark the International Day of Women in Multilateralism, which highlights their role in building peace and ensuring sustainable development.

Two charged after cocaine found attached to grain ship in Newcastle. Giselle Wakatama and Cecilia Connell. *ABC (Australia)*. 26 January 2023. Available from: <https://www.abc.net.au/news/2023-01-26/charges-laid-after-cocaine-found-on-ship-in-newcastle/101897244> Two men have been charged after a quantity of cocaine was found stuck to the bottom of a ship in Newcastle.

Expanding Global Cold Chains: Effective Adaptation, or Dangerous Contribution to Climate Change? Benjamin Ritter, Carlyne Barker and Kevin Karl. *Columbia University (US)*. 27 January 2023. Available from: <https://news.climate.columbia.edu/2023/01/27/expanding-global-cold-chains-effective-adaptation-or-dangerous-contribution-to-climate-change/> Keeping food cold as it moves through the supply chain is crucial to fighting food insecurity, preventing food waste, and supporting agricultural livelihoods and economies throughout the developing world.

Jargon alert – what does a carbon market for transport mean? *Transport & Environment*. 30 January 2023. Available from: <https://www.transportenvironment.org/discover/jargon-alert-what-does-a-carbon-market-for-transport-mean/> Back in December, the most used acronym in the Brussels climate bubble was ETS.

Global Economy to Slow Further Amid Signs of Resilience and China Re-opening.

Pierre-Olivier Gourinchas. *International Monetary Fund (IMF)*. 30 January 2023. Available from: <https://www.imf.org/en/Blogs/Articles/2023/01/30/global-economy-to-slow-further-amid-signs-of-resilience-and-china-re-opening> The global economy is poised to slow this year, before rebounding next year. Growth will remain weak by historical standards, as the fight against inflation and Russia's war in Ukraine weigh on activity.

Action needed to transform Africa's maritime industry — Ayorkor Botchwey. Elizabeth Nyaadu Adu. *Graphic Online (Ghana)*. 31 January 2023. Available from:

<https://www.graphic.com.gh/business/business-news/action-needed-to-transform-africa-s-maritime-industry-ayorkor-botchwey.html> Against this background, the Minister of Foreign Affairs and Regional Integration, Shirley Ayorkor Botchwey, appealed to member states to ensure that the Maritime Organisation of West and Central Africa (MOWCA) continued to contribute positively to the growth of the industry.

MARINE TECHNOLOGY

One particular fuel dominates among newly ordered vessels. Daniel Logan. *ShippingWatch*. 4 January 2023. Available from: <https://shippingwatch.com/carriers/article14789948.ece> Last year, carriers placed orders for a whopping 275 vessels able to sail on alternative fuels, and namely one type of fuel outranks others, new figures from DNV unveil.

VR technology for domestic ferry safety may take time, says stakeholder. Yashika F. Torib. *Manila Times*. 4 January 2023. Available from:

<https://www.manilatimes.net/2023/01/04/business/maritime/vr-technology-for-domestic-ferry-safety-may-take-time-says-stakeholder/1872680> The use of virtual reality (VR) technology to improve domestic ferry safety in the Philippines might take time and a paradigm shift, said Mary Ann Pastrana, chairman of Archipelago Philippines Ferries Corp. (APFC).

IMSC Task Force Completes Maritime Exercise with Unmanned Systems, A.I. *United States Navy*. 9 January 2023. Available from: <https://www.navy.mil/Press-Office/News-Stories/Article/3262053/> The International Maritime Security Construct (IMSC) completed a three-day maritime exercise in the Arabian Gulf, Jan. 9, integrating unmanned systems and artificial intelligence during a naval drill for the second time in six months.

Decarbonisation developments and challenges: 2030 to 2050 – examining emerging fuels.

Standard Club. 9 January 2023. Available from: <https://www.standard-club.com/knowledge-news/decarbonisation-developments-and-challenges-2030-to-2050-examining-emerging-fuels-4794/> IMO-2030 targets a minimum 40% reduction in carbon intensity (CO2 emissions per transport work) by 2030 while pursuing efforts towards 70% by 2050, compared to 2008 levels.

Use of digital tools onboard perceived as positive, report finds. *Safety4Sea*. 10 January 2023.

Available from: <https://safety4sea.com/use-of-digital-tools-onboard-perceived-as-positive-report-finds/> In the context of the EU co-funded WESS project, ECSA and ETF are committed to assessing shipboard living and working conditions with a view to taking action to contribute to an “attractive, smart and sustainable environment onboard”.

“Investigating the Increased Use of Digitalisation On board and Possible Benefits/Improvements to Shipboard Safety and Welfare”. *ADS Insight*. March 2022.

Available from: <https://wessproject.eu/wp-content/uploads/2022/11/WESS-Project-Final-Report-Investigating-the-increased-use-of-digitalisation-on-board.pdf> The starting point of the research was a desk-based exercise to map out and analyse existing research findings.

Maritime tech breakthroughs in 2023. Sam Chambers. *Splash 247.com*. 11 January 2023.

Available from: <https://splash247.com/maritime-tech-breakthroughs-in-2023/> In the first of a two-part survey looking at maritime tech in 2023, today Splash identifies the potential big breakthroughs this year.

The Role of Smart Marine Coatings in Meeting CII Requirements. *Paint & Coatings Industry Magazine*. 11 January 2023. Available from: <https://www.pcimag.com/gdpr-policy?url=https%3A%2F%2Fwww.pcimag.com%2Farticles%2F110944>

As we continue the push towards global decarbonization, the International Maritime Organization’s (IMO) GHG strategy is aiming to reduce the carbon emissions of the global fleet by 40% by the year 2030 and is targeting a 70% reduction in CO2 emissions by 2050.

Maritime tech disappointments in 2023. Sam Chambers. *Splash 247.com*. 12 January 2023.

Available from: <https://splash247.com/maritime-tech-disappointments-in-2023/> Splash columnist Kris Kosmala argues that maritime is full of technology improvements of which a few could be called innovations, but he says he would be hard pressed to name a true breakthrough in 2022.

Marine fuels boosted diesel prices in 2022, but future impact unclear. John Kingston.

FreightWaves. 12 January 2023. Available from: <https://www.freightwaves.com/news/marine-fuels-boosted-diesel-prices-in-2022-but-future-impact-unclear> The recent publication of two significantly different outlooks for diesel markets in 2023 shows how the International Maritime Organization’s environmental rules will remain an enormous factor.

US strategy sees onboard carbon capture as ‘promising technology’ for shipping decarbonization. *Ship & Bunker*. 12 January 2023. Available from:

<https://shipandbunker.com/news/am/326538> The US government has expressed a degree of support for onboard carbon capture technology in its strategy for decarbonizing transport.

Is natural gas really the bridge fuel the world needs? *United Nations Environment Programme (UNEP)*. 12 January 2023. Available from:

<https://www.unep.org/news-and-stories/story/natural-gas-really-bridge-fuel-world-needs> Natural gas has long been billed as a good stepping stone for a world looking to replace coal with renewable energy.

Why zero-emission fuel offtake is key to global shipping’s transition. *World Economic Forum*.


17 January 2023. Available from: <https://www.weforum.org/agenda/2023/01/davos-2023-zero-emission-fuel-offtake-global-shipping-transition/> The tide is turning against ships that pollute both sea and air with the noxious fumes given off by bunker fuel.

Airbus tests Neste’s renewable diesel bunker fuel on RoRo ship “Ciudad de Cadiz”. *Manifold Times (Singapore)*. 17 January 2023. Available from:

<https://www.manifoldtimes.com/news/airbus-tests-nestes-renewable-diesel-bunker-fuel-on-ro-ro-ship-ciudad-de-cadiz/> European multinational aerospace manufacturer Airbus on Wednesday (11 January) launched a test using renewable bunker fuel on one of its vessels to reduce its carbon emissions.

Future fuels: it's anybody's guess. Michael Grey. *Baird Maritime*. 18 January 2023. Available from: <https://www.bairdmaritime.com/ship-world/boxship-world/column-future-fuels-its-anybodys-guess-grey-power/> As everyone raves on about “net zero” while lighting fires on the pavement outside the IMO building to keep the protesters warm (as the “Just stop oil” fanatics increase the price of glue), it is maybe time to take stock of progress.

Off the edge of the map: slaying digital beasts. Gary Howard. *Seatrade Maritime News*. 18 January 2023. Available from: <https://www.seatrade-maritime.com/sustainability-green-technology/edge-map-slaying-digital-beasts> Engine manufacturer and technology provider Wärtsilä published a report Debunking the Mythical Beasts of Maritime Digital Transformation which likens fears over digitalisation to ancient fears of sea monsters.

New study assesses role of technologies in tracing the true carbon intensity of sustainable marine fuels. *Lloyd's Register*. 18 January 2023. Available from: <https://bit.ly/3JlIZw7> A new report from the LR Maritime Decarbonisation Hub and Safetytech Accelerator highlights the role of technology in enabling the shipping industry to develop specific mechanisms to track, verify and assure the true carbon intensity of sustainable marine fuels.
[Tracing the true carbon intensity of sustainable marine fuels](#) 

Japan's K Line, KEPCO to study liquefied CO2 shipping options. Katya Golubkova. *Reuters*. 19 January 2023. Available from: <https://www.reuters.com/markets/carbon/japans-k-line-kepc-study-liquefied-co2-shipping-options-2023-01-19/> Japanese transportation company Kawasaki Kisen Kaisha (K Line) and Kansai Electric Power Co (KEPCO) have agreed to study marine transportation options for liquefied CO2 emitted by KEPCO's plants, part of Japan's goal to reach carbon neutrality by 2050.

Breakthrough year in autonomous shipping as international collaboration ramps up. Grant Rowles. *Splash 247.com*. 24 January 2023. Available from: <https://splash247.com/breakthrough-year-in-autonomous-shipping-as-international-collaboration-ramps-up/> One Sea Secretary General Sinikka Hartonen discusses the key developments in autonomous shipping in 2022 and provides an outlook for the year ahead.

French shipping giant CMA CGM explores the use of China's carbon emissions to produce green transport fuel, fight global warming. Eric Ng. *South China Morning Post*. 25 January 2023. Available from: <https://www.scmp.com/business/article/3207846/french-shipping-giant-cma-cgm-touts-use-chinas-carbon-emissions-produce-green-transport-fuel-fight> China, the world's largest carbon emitter, has the potential to become a major provider of green fuels which can help in the fight against climate change, but greater collaborative effort is needed to accelerate progress, according to a senior shipping executive.

The future of autonomous vessels in oil and gas companies. Smruthi Nadig. *Offshore Energy*. 26 January 2023. Available from: <https://www.offshore-technology.com/features/the-future-of-autonomous-vessels-in-oil-and-gas-companies/> Due to environmental and technological changes, autonomous vessels and swarm robotics are of great interest to oil and gas companies.

Combined Task Force 152 Conducts Exercise in Arabian Gulf with Unmanned Vessel. *Combined Maritime Forces (CMF)*. 26 January 2023. Available from: <https://combinedmaritimeforces.com/2023/01/26/combined-task-force-152-conducts-exercise-in-arabian-gulf-with-unmanned-vessel/> A Bahrain-led multinational task force from Combined Maritime Forces practiced vessel boarding procedures during exercise Falcon Warrior, Jan. 24-25, while operating with an unmanned system in the Arabian Gulf.

Four Companies Announce Joint Feasibility Study of Large-Scale and Wide-Area Carbon Capture and Storage (CCS) Value Chain Project Using Ship Transportation. ITOCHU

Corporation. 26 January 2023. Available from:

<https://www.itochu.co.jp/en/news/press/2023/230126.html> The four companies will jointly carry out a study for launching a joint project relating to the separation, capture, ship transportation and storage of CO₂ emitted from the materials industry and other industries in which it is considered difficult to achieve decarbonization merely by electrification, introduction of hydrogen and other means (hereinafter “hard-to-abate industries”) and conduct a process of selecting prospective sites for CO₂ storage in Japan.

MASS - Where is the Master? Captain Aly Elsayed. *Nautical Institute*. 30 January 2023. Available

from: <https://www.nautinst.org/resources-page/mass-where-is-the-master.html> Work is in progress on drafting a non-mandatory IMO Code covering the operation of Maritime Autonomous Surface Ships (MASS).

Eneos seeks to ship hydrogen in existing oil tankers. Sam Chambers. *Splash 247.com*.

31 January 2023. Available from: <https://splash247.com/eneos-seeks-to-ship-hydrogen-in-existing-oil-tankers/> Hydrogen could soon be shipped in regular oil tankers at ambient temperatures if a Japanese pilot project in Australia proves successful.

MARITIME EDUCATION & TRAINING

National Maritime Polytechnic exceeds annual target for trained seafarers. Yashika F. Torib.

Manila Times. 4 January 2023. Available from:

<https://www.manilatimes.net/2023/01/04/business/maritime/nmp-exceeds-annual-target-for-trained-seafarers/1872671> The National Maritime Polytechnic (NMP), the sole government maritime training and research center of the country, has achieved its annual target of seafarers trained for 2022.

Seafarers desperately need training to handle explosive lithium-ion batteries. Simon

Hodgkinson. *Splash 247.com*. 10 January 2023. Available from: <https://splash247.com/seafarers-desperately-need-training-to-handle-explosive-lithium-ion-batteries/> Transporting potentially explosive lithium-ion batteries on vessels is a dangerous business, as incidents in recent years have shown.

Shipping firm is first corporate sponsor of maritime academy. Owain Johnston-Barnes.

Royal Gazette (Bermuda). 12 January 2023. Available from:

<https://www.royalgazette.com/education/news/article/20230112/shipping-firm-is-first-corporate-sponsor-of-maritime-academy/> A Bermudian-based shipping company has become the first corporate sponsor of a non-profit organisation dedicated to helping Bermudians to find a career at sea.

Recruitment, retention and risk-taking: Why staff skills matter. Richard Clayton. *Lloyd's List*.

13 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143590/> The industry recognises the need to attract new skills from outside but still employs old ways to recruit them.

VI Benefits From Executive-Level Oil Spill Training. *Government of the British Virgin Islands*.

18 January 2023. Available from: <http://www.bvi.gov.vg/media-centre/vi-benefits-executive-level-oil-spill-training> Twenty high level public officers participated in Level 3 Oil Spill Response Training designed to improve the coordination, management and planning of responses to these events.

A new reality for safe, compatible shipboard procedures. *Marine Professional (IMarEST)*. 20 January 2023. Available from: <https://www.imarest.org/themarineprofessional/interactions/6736>
A founding member of the Human Element Working Group, and recipient of the UK's Merchant Navy Medal for services to Merchant Shipping and Ship Safety Systems, Dr Paul Doherty explains why the integration of new technologies requires a richer understanding of compatibility with the system, its environment and the end user.

International Day of Education 2023 - To Invest in People, Prioritize Education.

World Maritime University (WМУ). 24 January 2023. Available from: <https://www.wmu.se/news/international-day-of-education-2023-to-invest-in-people-prioritize-education> The International Day of Education is celebrated annually on 24 January.

Seychelles Maritime Academy and CINEC to continue joint seafarers' programme.

Seychelles News Agency. 27 January 2023. Available from: <http://www.seychellesnewsagency.com/articles/18107> The agreement will allow CINEC and the Seychelles Maritime Academy to continue to maintain and enhance the existing framework for academic cooperation to develop the skills of seafarers to meet requirements of the IMO's International Convention on Standards of Training, Certification, and Watchkeeping for Seafarers (STCW) as well as to develop and maintain their professional standards as required by ship owners.

MARITIME SAFETY

Renewed calls for safety improvements after UK pilot death. *Martyn Wingrove. International Tug & Salvage*. 12 January 2023. Available from: <https://www.rivieramm.com/news-content-hub/investigation-starts-into-uk-maritime-pilot-death-74507> The UK Marine Accident Investigation Branch has started investigating the causes of the death of pilot Francesco Galia, while transferring from a transfer vessel to a large oceangoing ship in the Humber Estuary, 8 January 2023.

Black Sea MoU: Preliminary results of CIC on STCW. *Safety4Sea*. 31 January 2023. Available from: <https://safety4sea.com/black-sea-mou-preliminary-results-of-cic-on-stcw/> The campaign involved all member Authorities of the BS MoU and was conducted under the campaign coordination of the Bulgarian Maritime Administration.

MARITIME SECURITY


Operation ATALANTA, EUTM Somalia and EUCAP Somalia: mandates extended for two years. *Council of the European Union*. 12 December 2022. Available from: <https://www.consilium.europa.eu/en/press/press-releases/2022/12/12/operation-atalanta-eutm-somalia-and-eucap-somalia-mandates-extended-for-two-years/> The Council today prolonged the mandates of its Common Security and Defence Policy (CSDP) missions and operation in the Horn of Africa and Somalia.

The 1128th meeting of the AU Peace and Security Council (AUPSC) on Maritime Security in the Gulf of Guinea. *African Union (AU)*. 2 January 2023. Available from: <https://www.peaceau.org/en/article/communique-the-1128th-meeting-of-the-au-peace-and-security-council-aupsc-on-maritime-security-in-the-gulf-of-guinea> Recalling its previous decisions and pronouncements on maritime security, particularly, Communiqué [PSC/PR/COMM.1012 (2021)] adopted at its 1012th meeting held on 23 July 2021, on the State of Maritime Security in Africa; and Communiqué [PSC/PR/COMM.1090 (2022)] adopted at its 1090th meeting held on 28 June 2022, on Maritime Piracy in the Gulf of Guinea.

Ukraine war risk cover switched to net line basis. David Osler. *Lloyd's List*. 3 January 2023. Available from: <https://lloydlist.maritimeintelligence.informa.com/LL1143460/Ukraine-war-risk-cover-switched-to-net-line-basis> Commercial war risk cover for calls to ports hit by the Russian invasion of Ukraine is still available in London and Europe despite reinsurers being unwilling to touch the reinsurance, according to market sources.

U.S.-ROK Ties: Enhancing Collaboration on Maritime Security in Africa. Emilia Columbo. *Center for Strategic and International Studies (CSIS)*. 3 January 2023. Available from: <https://www.csis.org/analysis/us-rok-ties-enhancing-collaboration-maritime-security-africa> Maritime security is a complex and often overlooked aspect of the African security picture that crosses political, economic, and diplomatic lines.

Cyber-attack on ShipManager servers – update. Anne Vandbakk. *DNV*. 9 January 2023. Available from: <https://www.dnv.com/news/cyber-attack-on-shipmanager-servers-update-237931> DNV is working to restore the functionalities of the dedicated ShipManager servers, following a ransomware cyber-attack on 7 January.

MICA CENTER ANNUAL REPORT 2022 is out! *Maritime Information Cooperation & Awareness Center (MICA)*. 9 January 2023. Available from: <https://www.mica-center.org/en/mica-center-annual-report-2022-is-out/> Now a tradition, with New Year wishes comes the MICACenter Annual Report on Maritime security Worldwide. [Annual report 2022](#) 

War risk rates jump following reinsurers' Russian retreat. Adam Corbett. *TradeWinds*. 10 January 2023. Available from: <https://www.tradewindsnews.com/insurance/war-risk-rates-jump-following-reinsurers-russian-retreat/2-1-1385465> War risk rates for ships sailing to Russia and areas affected by its invasion of Ukraine have jumped by more than 20% — and they could rise further in response to an exclusion clause introduced by the major reinsurers.

Digitalising OCIMF inspections for enhanced assurance. Aaron Cooper. *Seatrade Maritime News*. 11 January 2023. Available from: <https://www.seatrade-maritime.com/opinions-analysis/digitalising-ocimf-inspections-enhanced-assurance> OCIMF is overhauling its Ship Inspection Report Programme (SIRE) to future-proof the regime and enable it to evolve with changing risks and requirements.

On Protecting the Undersea Cable System. Kevin Frazier. *Lawfare Institute (US)*. 12 January 2023. Available from: <https://www.lawfareblog.com/protecting-undersea-cable-system> Cables the size of a garden hose crisscross the oceans.

Large cocaine volumes found aboard MSC vessel following false bomb threat. Dag Holmstad. *ShippingWatch*. 17 January 2023. Available from: <https://shippingwatch.com/carriers/Container/article14859341.ece> More than 2,400 kilograms of cocaine have accidentally been detected at container ship *MSC Lorena* when the vessel in late December was forced to turn back from a voyage to Antwerp and head for the Dutch port of Vlissingen due to a bomb threat, writes Dutch media NL Times.

Allianz Risk Barometer 2023: Cyber and business interruption top threats as economic and energy risks rise. *Allianz Global Corporate & Specialty*. 17 January 2023. Available from: <https://www.agcs.allianz.com/news-and-insights/news/allianz-risk-barometer-2023-press.html> The Allianz Risk Barometer is our annual report identifying the top corporate risks for the next 12 months and beyond, based on the insight of more than 2,712 risk management experts from 94 countries and territories.

Italian Police Find One Tonne of Cocaine Aboard Chinese Freighter. *Maritime Executive*. 17 January 2023. Available from: <https://maritime-executive.com/article/italian-police-find-one-tonne-of-cocaine-aboard-chinese-freighter> Italy's customs police have seized a major cocaine shipment from a Chinese multipurpose cargo ship at the port of Savona, the Guardia di Finanza announced Tuesday.

USCGC Spencer (WMEC 905) Completes Multinational Maritime Security Patrol, Arrives in Dakar, Senegal. *United States Navy*. 19 January 2023. Available from: <https://www.navy.mil/Press-Office/News-Stories/Article/3271976/> The Famous-class medium endurance USCGC Spencer (WMEC 905) arrived in Dakar, Senegal for a scheduled port visit following a multinational maritime security patrol, Jan. 17, 2023.

Shipmanagement software vendors targeted by hackers. Sam Chambers. *Splash 247.com*. 20 January 2023. Available from: <https://splash247.com/shipmanagement-software-vendors-targeted-by-hackers/> Shipmanagement software vendors have been warned to be on their guard with experts suggesting this maritime niche is becoming the focus of hackers.

Greek Cargo Ship Caught Carrying Cocaine in Tenerife Drug Bust. Alexander Gale. *Greek Reporter*. 21 January 2023. Available from: <https://greekreporter.com/2023/01/21/greek-cargo-ship-caught-carrying-cocaine-tenerife-drug-bust/> A Greek-managed cargo ship has been held off the coast of Tenerife after Spanish authorities discovered the ship was transporting cocaine.

6-week maritime security training opens in Accra. *Business Ghana*. 26 January 2023. Available from: <https://www.businessghana.com/site/news/general/278638/> A Six-Week maritime affairs and security training which forms part of efforts to combat maritime insecurity in the Gulf of Guinea was opened at the Regional Maritime University (RMU) in Accra on Monday.

Exercise Obangame Express 23 Aids Maritime Security and Prosecution in the Gulf of Guinea. *United States Navy*. 27 January 2023. Available from: <https://www.navy.mil/Press-Office/News-Stories/Article/3280270/> With support from Project AGWE – implemented by the International Criminal Police Organization (INTERPOL) and funded by the U.S. Department of State, Bureau of International Narcotics and Law Enforcement Affairs (INL) – the U.S. Navy, U.S. Coast Guard, and U.S. Army conducted an expertise exchange on forensics collection, combat defensive tactics, and first aid with partners from Benin, Nigeria, and Togo at the Joint Maritime Security Training Center (JMSTC) during exercise Obangame Express 23 (OE23), the largest multinational maritime exercise in Western Africa, Jan. 25, 2023.

Spanish police seize cocaine worth \$114 million from cattle ship. Borja Suarez. *Reuters*. 28 January 2023. Available from: <https://www.reuters.com/world/spanish-police-seize-cocaine-worth-114-million-cattle-ship-2023-01-28/> Spanish police seized 4.5 tonnes of cocaine with an estimated street value of 105 million euros (\$114 million) after raiding a cattle ship off the Canary Islands earlier this week, a statement said on Saturday.

MIGRANTS

Record number of people cross Channel to UK in small boats in 2022 - as arrivals soar by 60% in a year. Michael Drummond. *Sky News*. 1 January 2023. Available from: <https://news.sky.com/story/record-number-of-people-cross-channel-to-uk-in-small-boats-in-2022-as-arrivals-soar-by-60-in-a-year-12777092> The figures, compiled and analysed by Sky News, show a sharp rise in the number of arrivals last year - a continuation of a years-long trend that shows no signs of stopping.

More than 300 migrants rescued by Geo Barents and Ocean Viking. Emma Wallis. *InfoMigrants*. 26 January 2023. Available from: <https://www.infomigrants.net/en/post/46400/more-than-300-migrants-rescued-by-geo-barents-and-ocean-viking> The private rescue organization SOS Mediterranée on Wednesday said that it had rescued 95 migrants off the Libyan coast.

NAVIGATION & COMMUNICATIONS

Ukraine sees speeding up inspections as key to Black Sea grain deal. Pavel Polityuk. *Reuters*. 4 January 2023. Available from: <https://www.reuters.com/markets/commodities/ukraine-sees-speeding-up-inspections-key-black-sea-grain-deal-2023-01-04/> Ukraine's efforts to increase exports under the Black Sea grain deal with Russia are currently focused on securing faster inspections of ships rather than including more ports in the initiative, a senior Ukrainian official said on Wednesday.

New protections for endangered whales along the California coast adopted. *US National Oceanic and Atmospheric Administration (NOAA)*. 5 January 2023. Available from: <https://www.noaa.gov/news-release/new-protections-for-endangered-whales-along-california-coast-adopted> The IMO, the United Nations agency that governs safety and environmental standards for shipping worldwide, has adopted a U.S. proposal to increase protections for endangered blue, fin and humpback whales off the California coast.

It's a whale of a story! Whales get new protections intended to keep them from being hit by ships. Lance Orozco. *KCLU Radio (US)*. 6 January 2023. Available from: <https://www.kclu.org/local-news/2023-01-06/its-a-whale-of-a-story-endangered-whales-get-new-protections-intended-to-prevent-ship-collisions> New measures include extension of shipping lanes off Tri-Counties, and doubling of area where commercial cargo ship travel is banned.

Jersey exclusion zone reduced at sunken fishing boat site. *BBC News*. 8 January 2023. Available from: <https://www.bbc.co.uk/news/world-europe-jersey-64202900> The exclusion zone around the site of a fishing boat that sank, leading to the deaths of three crew, has been reduced.

After Grounding, Maryland Bans Marine Pilots From Using Their Phones. *Maritime Executive*. 8 January 2023. Available from: <https://maritime-executive.com/article/after-grounding-maryland-bans-marine-pilots-from-using-their-phones> After a distracted pilot ran the boxship *Ever Forward* aground in Chesapeake Bay last March, the Maryland Board of Pilots has decided to enact a rule change that forbids on-duty pilots from using their phones.

NIMASA participates in international satellite system testing. Adaku Onyenucheya. *Guardian (Nigeria)*. 11 January 2023. Available from: <https://guardian.ng/business-services/nimasa-participates-in-international-satellite-system-testing/> The Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA), Dr. Bashir Jamoh, has disclosed that the agency is participating in the testing stage of an international satellite system that will improve communication channels for vessels at sea as part of the agency's quest to ensure adoption of global best practices in the Nigerian maritime sector.

South Korea's First Smart, Electric Ship Begins Service. *Maritime Executive*. 13 January 2023. Available from: <https://www.maritime-executive.com/article/south-korea-s-first-smart-electric-ship-begins-service> Hyundai Heavy Industries recently commissioned South Korea's first large next-generation electric propulsion ship which incorporates smart technology.

Over 17M tons of grain exported from Ukraine, says Türkiye. Merve Aydoğan. *Anadolu Agency (Türkiye)*. 14 January 2023. Available from: <https://www.aa.com.tr/en/russia-ukraine-war/over-17m-tons-of-grain-exported-from-ukraine-says-turkiye/2787639> More than 17 million tons of grain have been carried via the Black Sea grain corridor Türkiye helped broker last year in a bid to avert a potential food crisis amid the Russia-Ukraine war, said an official statement on Saturday.

Traffic resumes after Ukraine cargo ship grounded near Istanbul. Yoruk Isik. *Reuters*. 16 January 2023. Available from: <https://www.reuters.com/world/europe/cargo-ship-ukraine-grounded-bosphorus-strait-traffic-halted-2023-01-16/> The cargo ship *MKK 1*, travelling from Ukraine to Turkey, was grounded in Istanbul's Bosphorus Strait on Monday and traffic in the strait was suspended for a few hours, shipping agents Tribeca said.

Exclusive: Russian oil shipped to Asia in Chinese supertankers amid ship shortage. Nidhi Verma and Chen Aizhu. *Reuters*. 16 January 2023. Available from: <https://www.reuters.com/business/energy/russian-oil-shipped-asia-chinese-supertankers-amid-ship-shortage-2023-01-13/> At least four Chinese-owned supertankers are shipping Russian Urals crude to China, according to trading sources and tracking data, as Moscow seeks vessels for exports after a G7 oil price cap restricted the use of Western cargo services and insurance.

Stolt Tankers re-routing ships and cutting speeds to protect whales. Gary Dixon. *TradeWinds*. 18 January 2023. Available from: <https://www.tradewindsnews.com/tankers/stolt-tankers-re-routing-ships-and-cutting-speeds-to-protect-whales/2-1-1389795> Stolt Tankers says it has taken a major step to help protect whales and other cetaceans in the world's ocean.

Russia's Northern Sea Route Sees More Traffic Despite War and Sanctions. Malte Humpert. *High North News (Norway)*. 18 January 2023. Available from: <https://www.highnorthnews.com/en/russias-northern-sea-route-sees-more-traffic-despite-war-and-sanctions> The transport of oil and gas along the Northern Sea Route (NSR) continues unabated.

First cruise ship in three years sails into HK - and more are on their way. Eunice Lam. *The Standard (Hong Kong)*. 19 January 2023. Available from: <https://www.thestandard.com.hk/section-news/section/50015144/249160/> Hong Kong is expecting 16 cruise ships with 82 port of calls this year, as the first international cruise returned to the SAR yesterday after three years of the pandemic.

Commerce and danger from the giant ships that sail past our island. Monique Keiran.

Times Colonist (Canada). 22 January 2023. Available from:

<https://www.timescolonist.com/opinion/monique-keiran-commerce-and-danger-from-the-giant-ships-that-sail-past-our-island-6417321>

In January 1973, the freighter Irish Stardust ran aground at Haddington Reef, rupturing two fuel tanks. Instead of seeking help, the captain refloated the ship and kept going.

Talking about hydrographic revolutions. Mathias Jonas. *Hydro International*. 24 January 2023.

Available from: <https://www.hydro-international.com/content/article/talking-about-hydrographic-revolutions>

Over the years, hydrography has experienced several revolutions, both in terms of technology and standards, which culminated in November 2022 in the IMO adopting a Resolution on Performance Standards for Electronic Chart Display and Information Systems (ECDIS).

Black Sea Watch: Weekly Ukrainian seaborne grain flows recover, participants cautious.

Hellenic Shipping News. 25 January 2023. Available from:

<https://www.hellenicshippingnews.com/black-sea-watch-weekly-ukrainian-seaborne-grain-flows-recover-participants-cautious/>

Seaborne Ukrainian grain flows through the Black Sea jumped during the week Jan. 16-22, with volumes up 82% on the week to reach 893,874 mt, and the average cargo size now trending at the highest levels since the inception of the safe passage agreement, an analysis of UN's Black Sea Grain Initiative Joint Coordination Centre data by S&P Global Commodity Insights showed Jan. 23.

Gulf of St. Lawrence could set another record for lack of ice. Kevin Yarr. *Canadian Broadcasting Corporation (CBC)*. 26 January 2023. Available from:

<https://www.cbc.ca/news/canada/prince-edward-island/pei-gulf-ice-1.6726605>

Ice coverage in the Gulf of St. Lawrence was measured at less than two per cent this week, putting it on course for breaking the low-ice record for the second time in three years.

The 'dark fleet' is an accident waiting to happen. Here's why. Terry Macalister. *TradeWinds*.

27 January 2023. Available from: <https://www.tradewindsnews.com/opinion/the-dark-fleet-is-an-accident-waiting-to-happen-here-s-why/2-1-1392897>

It could take just one major oil spill to awaken the wider world to the knowledge and dangers of the "dark fleet", which operates with little known about the identity of the owners, vessel standards or the quality of insurance.

Government of Canada launches interactive mapping tool to support marine planning and protection. *Government of Canada*. 31 January 2023. Available from:

<https://www.canada.ca/en/fisheries-oceans/news/2023/01/government-of-canada-launches-interactive-mapping-tool-to-support-marine-planning-and-protection.html>

How we manage our oceans is becoming increasingly important as the effects of climate change are felt across Canada and the world.

PIRACY

Cameroon Adopts Maritime Security Law to Fight Gulf of Guinea Piracy. *Maritime Executive*. 1 January 2023. Available from: <https://maritime-executive.com/article/cameroon-adopts-maritime-security-law-to-fight-gulf-of-guinea-piracy> Almost six months after the UN Security Council adopted a text compelling Gulf of Guinea countries to criminalize piracy and armed robbery at sea, Cameroon has adopted a law on suppression of piracy and general safety of maritime navigation within its waters.

Naval Task Force Holding Somali Piracy Operation as a Reminder to Shipping Not to Let Its Guard Down. Mike Schuler. *gCaptain*. 5 January 2023. Available from: <https://gcaptain.com/naval-task-force-holding-somali-piracy-operation-as-a-reminder-to-shipping-not-to-let-its-guard-down/> A multi-national naval task force tasked with combating piracy in the Somali basin is getting ready to conduct a five-day operation aimed at increasing naval presence and informing the maritime community on the continuing risks to shipping despite a lull in Somali piracy and expiration of a key industry designation.

EU Extends Naval Operation Combating Piracy off Somalia Through 2024. *Maritime Executive*. 6 January 2023. Available from: <https://maritime-executive.com/article/eu-extends-naval-operation-combating-piracy-off-somalia-through-2024> The European Union has decided to extend its Naval Force Operation Atalanta off the coast of Africa for two years despite the removal of the designation of a piracy high risk area for Somalia and the region of the Indian Ocean.

Encrypting Vessel ID Data Can Thwart Maritime Piracy. Shannon Vaughn and Ben Minichino. *Maritime Executive*. 11 January 2023. Available from: <https://www.maritime-executive.com/editorials/encrypting-vessel-id-data-can-thwart-maritime-piracy> The regulations the International Maritime Organization (IMO) issued in the wake of 9/11 regarding ship location and identification reporting have made it easier to track vessels—but not only for the good guys.

Sustained efforts needed as global piracy incidents hit lowest levels in decades. *International Chamber of Commerce (ICC)*. 12 January 2023. Available from: <https://www.icc-ccs.org/index.php/1324> The ICC International Maritime Bureau (IMB) calls for efforts to be sustained worldwide as maritime piracy and armed robbery attacks reached their lowest recorded level in almost three decades.

Piracy, robberies in Singapore Strait hit 7-year high in 2022. Nadine Chua. *Straits Times*. 17 January 2023. Available from: <https://www.straitstimes.com/singapore/piracy-robberies-in-singapore-strait-hit-7-year-high-in-2022> The number of piracy and armed robbery incidents in the Singapore Strait hit a seven-year high in 2022, with most of these crimes linked to bigger ships such as bulk carriers and tankers.

The Lloyd's List Podcast: Where have all the pirates gone? *Lloyd's List*. 20 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143685> Attacks are still happening, but according to the International Maritime Bureau's latest annual report maritime piracy and armed robbery attacks have reached their lowest recorded levels in 30 years.

Why the SDF is still patrolling the Gulf of Aden for pirates. Kaigo Narisawa. *Asahi Shimbun (Japan)*. 26 January 2023. Available from: <https://www.asahi.com/ajw/articles/14824402> When a light suddenly flashed across the radar screen, the crew inside a Maritime Self-Defense Force P-3C patrol aircraft stationed in East Africa alerted the pilots to a potential situation at sea.

PORT STATE CONTROL

Passengers to be compensated after cruise ship denied entry to Australian, NZ ports due to 'marine growth' on hull. *ABC (Australia)*. 2 January 2023. Available from:

<https://www.abc.net.au/news/2023-01-02/cruise-ship-stranded-south-australia-melbourne-marine-growth/101822590> Hundreds of passengers on a cruise ship arriving at the Port of Melbourne on Monday evening are expected to set foot on dry land for the first time in more than a week after a build-up of marine creatures and plants was cleaned off its hull.

Algae-ridden cruise ship asked to leave New Zealand waters. Niva Chittock. *Radio New Zealand*. 2 January 2023. Available from: <https://www.rnz.co.nz/news/national/481818/algae-ridden-cruise-ship-asked-to-leave-new-zealand-waters> Cruise ship *Viking Orion* was restricted to visiting approved ports and asked to leave New Zealand waters because of algae on its hull, the Ministry for Primary Industries (MPI) said on Monday.

Third cruise ship in three weeks fails NZ's biofouling standards. *Radio New Zealand*.

4 January 2023. Available from: <https://www.rnz.co.nz/news/national/481910/third-cruise-ship-in-three-weeks-fails-nz-s-biofouling-standards> Another cruise ship has failed to comply with New Zealand's biofouling standards, which included having too many tube worms found on its underside.

Italy rejects NGO ship's request for closer safe port. Francesca Landini. *Reuters*.

8 January 2023. Available from: <https://www.reuters.com/world/europe/italy-rejects-ngo-ships-request-closer-safe-port-2023-01-08/> The Italian government has rejected a request from a ship run by Doctors Without Borders non-governmental organisation (NGO) to assign a safe port closer to the place where it rescued 73 migrants, an NGO official said on Sunday.

NIMASA: Standardised Digital Communication Key to Effective Port, Flag Administration.


This Day (Nigeria). 9 January 2023. Available from:

<https://www.thisdaylive.com/index.php/2023/01/09/nimasa-standardised-digital-communication-key-to-effective-port-flag-administration/> The Director General of the NIMASA, Dr Bashir Jamoh has stated that international collaboration to attain standardized digitalization is essential for maritime administrations across the world and all stakeholders in the maritime sector to effectively communicate in line with provisions of the IMO and the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA).

New Covid regulations by Korea for crew coming from China ports. Marcus Hand. *Seatrade*

Maritime News. 11 January 2023. Available from: <https://www.seatrade-maritime.com/crewing/new-covid-regulations-korea-crew-coming-china-ports> South Korea has introduced Covid testing and quarantine for crew coming from Chinese ports that want to disembark or take shore leave.

Some countries reintroduce restrictions and test requirements following Chinese ease of regulations. *Global Maritime Forum*. 19 January 2023. Available from:

<https://www.globalmaritimeforum.org/press/some-countries-reintroduce-restrictions-and-test-requirements-following-chinese-ease-of-regulations> Six months after the Neptune Declaration Crew Change Indicator transitioned from monthly to quarterly updates, the situation remains fairly stable. [Crew Change Indicator Fourth Quarter 2022](#) 

PORTS & HARBOURS

The Port of Valencia will carry out the first hydrogen test for its refuelling station. *Port of Valencia*. 2 January 2023. Available from: <https://www.valenciaport.com/en/the-port-of-valencia-will-carry-out-the-first-hydrogen-test-for-its-refuelling-station/> During the month of January, technicians from Valenciaport, the National Hydrogen Centre and Carburos Metálicos are expected to carry out this operation in the hydrogen plant located on the Xità quay.

Cyber-attack threatens release of Port of Lisbon data. Rakin Rahman. *Port Technology International*. 3 January 2023 Available from: <https://www.porttechnology.org/news/cyber-attack-threatens-release-of-port-of-lisbon-data/> LockBit, who claimed the attack, said its ransomware has taken down the port's website and internal computer systems.

LNG for Germany: UAE delivers first shipment. Stuart Braun. *Deutsche Welle (Germany)*. 5 January 2023 Available from: <https://www.dw.com/en/lng-for-germany-uae-delivers-first-shipment/a-64292879> A floating terminal in the northern German port of Brunsbüttel took delivery of its first load of liquefied natural gas from the United Arab Emirates on Wednesday.

International waters off Gibraltar and Kalamata emerge as post-sanctions Russian crude transfer hubs. Michelle Wiese Bockmann. *Lloyd's List*. 5 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143493/International-waters-off-Gibraltar-and-Kalamata-emerge-as-post-sanctions-Russian-crude-transfer-hubs> Vessels engaged in shipping Russian oil are anchoring at two separate areas in the Mediterranean for ship-to-ship transfers of crude for onward shipment to Asia on anonymously owned, elderly tankers that form part of the so-called "dark fleet".

Port of Leith is first port on mainland Scotland to go live with zero emissions shore power for ships. *Forth Ports Group*. 5 January 2023. Available from: <https://bit.ly/3ZJr35a> The Port of Leith has become the first large mainland commercial port in Scotland to provide a shore power connection, reflecting Forth Ports' commitment to reducing its own carbon footprint as well as that of its customers.

Coast is (almost) clear as port congestion fades even further. Greg Miller. *FreightWaves*. 6 January 2023. Available from: <https://www.freightwaves.com/news/coast-is-almost-clear-as-port-congestion-fades-even-further> At this time in 2022, over 100 container ships were stuck waiting off the ports of Los Angeles and Long Beach, California, with around 150 off all North American ports combined.

Labor Disruptions at World's Ports Quadruple as Discontent Grows. *Bloomberg*. 8 January 2023. Available from: <https://www.bnnbloomberg.ca/labor-disruptions-at-world-s-ports-quadruple-as-discontent-grows-1.1867448> Labor unrest took an unusually heavy toll on ports around the world last year, and the outlook for continued economic instability could bring even more upheaval to global supply chains in 2023.

Port of Tanjung Pelepas strengthens its gender balance efforts. Ryan Finn. *Logistics Manager (Thailand)*. 9 January 2023. Available from: <https://logistics-manager.com/port-of-tanjung-pelepas-strengthens-its-gender-balance-efforts/> The Port of Tanjung Pelepas in Malaysia is breaking the stereotypes to encourage more women to pursue a career in the port logistics industry.

Valenciaport takes part in a European project to analyse the impact of weather variations on port facilities. *Port of Valencia*. 9 January 2023. Available from:

<https://www.valenciaport.com/en/valenciaport-takes-part-in-a-european-project-to-analyse-the-impact-of-weather-variations-on-port-facilities/> The initiative analyses the atmospheric variables over a medium and long term time horizon in order to know the future climatic conditions in the ports.

The Maritime Security Roles of Port Authorities in Southeast Asia. *S. Rajaratnam School of International Studies (Singapore)*. 10 January 2023. Available from: <https://www.rsis.edu.sg/rsis-publication/idss/ip23005> Ports and terminals, particularly those that handle international shipping, are fundamental to maritime security.

\$1.9bn expansion project launched at Dammam's King Abdulaziz Port. *Arab News (Saudi Arabia)*. 10 January 2023. Available from: <https://www.arabnews.com/node/2229911> The Saudi Ports Authority, also known as Mawani, on Tuesday, launched a project worth SR7 billion (\$1.9 billion) to upgrade and develop two container terminals at the King Abdulaziz Port in Dammam.

Belgian port of Antwerp says record volume of cocaine seized in 2022. *Radio France Internationale (RFI)*. 11 January 2023. Available from: <https://www.rfi.fr/en/international/20230111-belgian-port-of-antwerp-says-record-volume-of-cocaine-seized-in-2022> Belgian authorities said seizures of cocaine at the port of Antwerp, the main gateway into Europe, hit a new record last year.

Security expected to heighten at key ports. Siteri Sauvakacolo. *Fiji Times*. 16 January 2023. Available from: <https://www.fijitimes.com/security-expected-to-heighten-at-key-ports/> Security at the country's two major ports is expected to heighten with the recent audit carried out by the United States Coast Guard and the Maritime Safety Authority of Fiji.

Implementing a blueprint for greener and more efficient ports. Karen A. Alexander and Lauren H. McWhinnie. *Nature*. 17 January 2023. Available from: <https://www.nature.com/articles/d41586-023-00096-z> The shipping industry is under pressure to speed up its transition to sustainability and to meet legally binding net-zero carbon targets by 2050.

Valencia, Port of Hydrogen. *Port of Valencia*. 17 January 2023. Available from: <https://www.valenciaport.com/en/valencia-port-of-hydrogen/> Today the H2 storage tank has been loaded with H2 and next week the mobile hydrogen generator will be filled.

Government set to ban 25-year-old oil tankers, bulk carriers and other ships calling Indian ports. P Manoj. *Economic Times (India)*. 18 January 2023. Available from: <https://infra.economictimes.indiatimes.com/news/ports-shipping/government-set-to-ban-25-year-old-oil-tankers-bulk-carriers-and-other-ships-calling-indian-ports/97076970?redirect=1> The government is set to ban 25-year-old oil tankers, bulk carriers, and general cargo vessels, both Indian registered and foreign flagged, from calling Indian ports to load and unload cargo as it looks to encourage a younger fleet to improve safety, meet global rules on ship emissions and protect the marine environment from pollution during mishaps.

AfCFTA To Propel Nigerian Ports To Logistics Hub – NPA. Yusuf Babalola. *Leadership (Nigeria)*. 19 January 2023. Available from: <https://leadership.ng/afcfta-to-propel-nigerian-ports-to-logistics-hub-npa/> The Nigerian Ports Authority (NPA), on Monday, disclosed that, the commencement of the African Continental Free Trade Agreement (AfCFTA) will be a launch pad for the actualisation of strategic intent of the authority becoming the maritime logistics hub for sustainable ports services in Africa.

Buhari inaugurates \$1.5bn 1st deep sea port in Lagos. *Vanguard (Nigeria)*. 23 January 2023. Available from: <https://www.vanguardngr.com/2023/01/breaking-buhari-storms-lagos-to-inaugurate-1-5bn-lekki-deep-sea-port-others-in-lagos/> He will equally commission other projects built by the Lagos state governor, Babajide Sanwo-Olu.

Cold ironing: Is it worth doing? David Hughes. *Business Times (Singapore)*. 24 January 2023. Available from: <https://www.businesstimes.com.sg/companies-markets/transport-logistics/cold-ironing-it-worth-doing> Many ports around the world are investing in shore power provision for vessels while alongside in harbour, or “cold ironing”.

WPCAP: Creating global momentum for sustainable shipping. *Port of Rotterdam*. 25 January 2023. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/wpcap-creating-global-momentum-for-sustainable-shipping> In addition to helping its 12 member ports decarbonize, the World Ports Climate Action Program (WPCAP) has contributed to the faster adoption of sustainability standards and measures in the wider shipping industry.

Ghana’s Ports Ensure Safe, Secure & Efficient Port Marine Operations. *News Ghana*. 26 January 2023. Available from: <https://newsghana.com.gh/ghanas-ports-ensure-safe-secure-efficient-port-marine-operations/> The Harbour Master at the Port of Tema, Captain Francis Kwesi Micah has touted the processes in place at Ghana’s ports which have maintained the ports’ reputation of being safe, secure and efficient hubs for the maritime trade.

Port of Oakland’s solar energy use grows. *Port of Oakland*. 27 January 2023. Available from: <https://www.portoakland.com/press-releases/port-of-oaklands-solar-energy-use-grows/> This solar project is now delivering renewable energy to the Port of Oakland.

€2M TUS and Zinkworks Research Group to Make Driverless, Intelligent Shipping Ports a Reality. *Technological University of the Shannon (Ireland)*. 27 January 2023. Available from: <https://www.ait.ie/news-and-events/news/tus-and-zinkworks-launch-2m-telecommunications-research-group-to-make-driverless-intelligent-shipping-ports-a-reality> As the race for self-driving cars heats up, a team of researchers at the Technological University of the Shannon (TUS) and Athlone-based ICT start-up Zinkworks are turning their attention to how shipping ports can adopt the technology to improve global supply chains, eco-efficiency and safety.

Port of Mombasa Explores Using Solar Power for Cold-Ironing. *Maritime Executive*. 29 January 2023. Available from: <https://www.maritime-executive.com/article/port-of-mombasa-explores-using-solar-power-for-cold-ironing> The Port of Mombasa is investigating the feasibility of using renewable - energy for its planned shore power operations.

Op-Ed: L.A. ports can’t follow business as usual. Our shipping system is unsustainable. Christina Dunbar-Hester. *Los Angeles Times*. 30 January 2023. Available from: <https://www.latimes.com/opinion/story/2023-01-30/ports-los-angeles-long-beach-supply-chain-shipping> Ports in the Los Angeles region entered national headlines as a supply chain crisis unfurled during the pandemic.

Grain Initiative: In a week, 18 vessels exported 664,000 tonnes of food from Odesa ports.

Government of Ukraine. 30 January 2023. Available from:

<https://www.kmu.gov.ua/en/news/zernova-initsiatyva-za-tyzhden-18-suden-eksportuvaly-664-tysiachi-tonn-prodovolstva-z-portiv-odesy> In particular, 60,000 tonnes of wheat were shipped to Kenya, 56,000 tonnes – to Bangladesh, and 60,000 tonnes of Ukrainian vegetable oil – to India.

REGULATIONS

CII could pose serious risk to LNG ship supply. Paul Bartlett. *Seatrade Maritime News*.

3 January 2023. Available from: <https://www.seatrade-maritime.com/tankers/cii-could-pose-serious-risk-lng-ship-supply> The IMO's carbon intensity regulations, specifically the carbon intensity indicator (CII) in place since 1 January, are likely to have a dramatic impact on LNG fleet supply which could lead to 'stranded' assets later this decade.

Bonus question: The regulatory wish list for sustainable shipping. Eric Priante Martin.

TradeWinds. 11 January 2023. Available from: <https://www.tradewindsnews.com/esg/bonus-question-the-regulatory-wish-list-for-sustainable-shipping/2-1-1385966> To start 2023, TradeWinds reporters fanned out across the maritime landscape to find out how industry stakeholders would spend a hypothetical \$1bn fund aimed at investing in a sustainable, profitable and resilient future for shipping.

EU ETS: Preliminary agreement to include shipping in the EU's Emission Trading System from 2024. DNV. 23 January 2023. Available from:

<https://www.dnv.com/news/eu-ets-preliminary-agreement-to-include-shipping-in-the-eu-s-emission-trading-system-from-2024-238068> The EU's legislative bodies have reached an agreement on including shipping in its Emission Trading System (EU ETS).

SALVAGE

Salvors head into 2023 with more challenges than solutions. Martyn Wingrove. *International Tug & Salvage*.

13 January 2023. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/salvors-head-into-2023-with-more-challenges-than-solutions-74502> Salvors faced challenges in 2022 as the sector began to recover from the global Covid-19 pandemic, amid rising competition for emergency towage and more complex wreck removals.

X-Press Pearl wreck cut in half, aft section raised from the sea floor. Zulfick Farzan.

News 1st (Sri Lanka). 18 January 2023. Available from: <https://english.newsfirst.lk/2023/1/18/x-press-pearl-wreck-cut-in-half-aft-section-raised-from-the-sea-floor> The aft section of the *X-Press Pearl* wreck was successfully raised from the sea floor and is aboard the semi-submersible *FAN ZHOU 10*.

SEAFARERS

2023 – A better year for seafarers? David Hughes. *Business Times (Singapore)*. 3 January 2023. Available from: <https://www.businesstimes.com.sg/international/2023-better-year-seafarers> Last year has been difficult for most people in many ways but, in particular, 2022 will not be remembered fondly by those concerned with the welfare of seafarers.

ISWAN welcomes Karin Orsel as new Chair. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 4 January 2023. Available from: <https://www.seafarerswelfare.org/news/2023/iswan-welcomes-karin-orsel-as-new-chair> Shipping CEO and diversity and inclusivity advocate Karin Orsel has been announced as the new Chair of international maritime charity the International Seafarers' Welfare and Assistance Network (ISWAN).

Time to make seafarer abandonment a thing of the past. *Lloyd's List*. 6 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143506/> No reputable international industry should allow its lowest-paid workers to find themselves stranded far away from home, often without food and sometimes without even a source of potable water.

ITF alleges Indian pay-to-work scam on arrested Vietnamese handysize. Bob Rust. *TradeWinds*. 9 January 2023. Available from: <https://www.tradewindsnews.com/ship-management/itf-alleges-indian-pay-to-work-scam-on-arrested-vietnamese-handysize/2-1-1383467> Three cadet seafarers on the 28,200-dwt Vietnamese handysize bulker *Charlene* (built 1996) said they have been paying Indian crewing companies for the privilege of working, and documented the transactions for the International Transport Workers' Federation (ITF) trade union.

China to allow foreign crew changeover. Cichen Shen. *Lloyd's List*. 9 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143508/> China has stopped imposing its ad hoc approval system on crew changes for international trading vessels.

Companies should be looking at how to cater for the next generation of seafarers, says leading catering management provider MCTC. *All About Shipping*. 9 January 2023. Available from: <https://allaboutshipping.co.uk/2023/01/09/companies-should-be-looking-at-how-to-cater-for-the-next-generation-of-seafarers-says-leading-catering-management-provider-mctc> Companies should be prioritising the needs of the new internet-savvy generation of seafarers to ensure the long-lasting future of shipping, says leading catering management provider MCTC.

Bishop: Help Pinoy sailors abandoned in Australian city. Ernie Esconde. *Manila Times*. 9 January 2023. Available from: <https://www.manilatimes.net/2023/01/09/news/regions/bishop-help-pinoy-sailors-abandoned-in-australian-city/1873352> Bishop Ruperto Santos of the Diocese of Balanga on Saturday appealed for compassion for 30 Filipino seafarers reportedly abandoned by their Chinese employer in the livestock carrier *Yangtze Fortune*.

Shipping companies need to allow more time for crew changes as industry sees more crews from non-traditional seafaring countries, says Boers. Hans Boers. *All About Shipping*. 10 January 2023. Available from: <https://bit.ly/3J02IGD> Shipping companies should allow at least three months for crew changes due to the recent rise in seafarers from South Asia and the challenges in arranging visas for them, says BCS Group – Boers Crew Services.

KMA starts a crackdown on unlicensed seafarers. *Kenya News Agency (KNA)*. 14 January 2023. Available from: <https://www.kenyanews.go.ke/kma-starts-a-crackdown-on-unlicensed-seafarers/> The Kenya Maritime Authority (KMA) has launched a crackdown on marine vessels operating in Kenyan waters without the requisite registration and licencing certification.

New advisory committee launched to address major maritime issues impacting Filipino seafarers. *International Chamber of Shipping (ICS)*. 16 January 2023. Available from: <https://www.ics-shipping.org/press-release/new-advisory-committee-launched-to-address-major-maritime-issues-impacting-filipino-seafarers/> Global leaders from organisations representing seafarers, shipowners and other maritime employers signed a memorandum of understanding with the Philippines's Department of Migrant Workers on Wednesday 11 January, to form the International Advisory Committee on Global Maritime Affairs (IACGMA).

'Ambulance-chasing big threat to seafarers'. *Manila Times*. 18 January 2023. Available from: <https://www.manilatimes.net/2023/01/18/business/maritime/ambulance-chasing-big-threat-to-seafarers/1874670> Global leaders from organizations representing shipowners and unions raised grave concerns about ambulance chasing and the abuse of the seafarer compensation system in the Philippines during the foreign policy tour of President Ferdinand Marcos Jr. in Brussels on Dec. 13, 2022.

Forum: Seafaring offers young people a meaningful and rewarding career. Chee Hong Tat. *Straits Times*. 21 January 2023. Available from: <https://www.straitstimes.com/opinion/forum/forum-seafaring-offers-young-people-a-meaningful-and-rewarding-career> The comic by executive infographics journalist Celestino Gulapa in *The Sunday Times* on Jan 15 depicted a pair of doctor and lawyer parents who appeared worried that their son was considering a seafaring career. [A Cartoonist's View](#)

Unpaid seafarers rescued after months stuck on abandoned cattle ship. Tony Wright. *The Age (Australia)*. 21 January 2023. Available from: <https://www.theage.com.au/national/victoria/unpaid-seafarers-rescued-after-months-stuck-on-abandoned-cattle-ship-20230120-p5ce52.html> The months-long saga of an ill-fated livestock ship and its crew abandoned in Portland Bay in Victoria's south-west inched towards an uncertain conclusion this week, when 19 Filipino seafarers were rescued from the vessel.

CHIRP Maritime and Human Rights at Sea Join Forces. *Human Rights at Sea (HRAS)*. 23 January 2023. Available from: <https://www.humanrightsatsea.org/news/chirp-maritime-and-human-rights-sea-join-forces> The UK-based Confidential Human Factors Incident Reporting Programme (Maritime) has joined forces with Human Rights at Sea through a partnership Memorandum of Understanding to share resources, investigate incidents of egregious human rights abuse at sea and pursue justice for victims.

German ambassador 'encouraged' by PH efforts to comply with EU maritime standard. *Manila Times*. 25 January 2023. Available from: <https://www.manilatimes.net/2023/01/25/business/maritime/german-ambassador-encouraged-by-ph-efforts-to-comply-with-eu-maritime-standard/1875672> The Philippine government's assurance to the European Union community and various shipping stakeholders that the country is addressing and will comply with international standards set by the Standards of Training, Certification and Watchkeeping (STCW) Convention is a positive development for the continued employability of Filipino seafarers onboard German-owned and -managed vessels.

The truth about working on a cruise ship. Jonas Martiny. *Deutsche Welle (Germany)*. 25 January 2023. Available from: <https://www.dw.com/en/the-truth-about-working-on-a-cruise-ship/a-64487521> The contrast couldn't be greater — while cruise ship passengers enjoy ocean views from their cabins, splash around in the pool or fill their plates at the buffet for the umpteenth time, things are very different for those working behind the scenes.

Sailors on abandoned ship *Yangtze Fortune* in limbo while anchored on Victorian coast. Andrea Nierhoff. *ABC (Australia)*. 28 January 2023. Available from: <https://www.abc.net.au/news/2023-01-29/sailors-in-limbo-abandoned-ship-yangtze-fortune-victoria-coast/101898232> Sixteen Filipino crew members of an abandoned ship face an uncertain future after spending months in limbo off the south-west coast of Victoria.

2022: a year of recovery for seafarer welfare, with happiness rising across the board, says latest Seafarers Happiness Index. *Mission to Seafarers*. 30 January 2023. Available from: <https://www.missiontoseafarers.org/news/2022-a-year-of-recovery-for-seafarer-welfare-with-happiness-rising-across-the-board-says-latest-seafarers-happiness-index> The latest Seafarers Happiness Index report, published today by The Mission to Seafarers, reveals average seafarer happiness levels in the last quarter of 2022 reached 7.69/10, up from 7.3 with levels rising across almost all categories, reflecting the sustained upward trend seen throughout the year. [Seafarers Happiness Index Quarter 4 2022 and Annual Review](#) 📄

ISWAN signs MOU with seafarers' trade union in Iran. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 31 January 2023. Available from: <https://www.seafarerswelfare.org/news/2023/iswan-signs-mou-with-seafarers-trade-union-in-iran> The Iranian Merchant Marine Syndicate (IMMS) and ISWAN have signed a Memorandum of Understanding (MOU) to work together to improve the lives of seafarers in Iran.

SEARCH & RESCUE

2 cruise ships rescue more migrants off Florida coast. *Associated Press*. 2 January 2023. Available from: <https://apnews.com/article/cuba-florida-haiti-us-coast-guard-f06e63811565c8250051ee10623444a5> 📄 Crew members aboard two cruise ships rescued around two dozen migrants in small boats, the latest episode of hundreds making or attempting landings in the Florida Keys over the past several days, authorities said.

NGOs revolt against Italian government's decree restricting sea rescue missions. *InfoMigrants*. 3 January 2023. Available from: <https://www.infomigrants.net/en/post/45818/ngos-revolt-against-italian-governments-decree-restricting-sea-rescue-missions> NGO's warn the new measures introduced by the Italian government, which aim to restrict sea rescue operations by private ships, could result in thousands of deaths in the Mediterranean.

New decree obstructs lifesaving efforts at sea and will cause more deaths. *Medecins Sans Frontieres (MSF)*. 5 January 2023. Available from: <https://www.msf.org/new-decree-obstructs-lifesaving-efforts-sea-and-will-cause-more-deaths> We, civil organisations engaged in search and rescue (SAR) activities in the central Mediterranean Sea, express our gravest concerns regarding the latest attempt by a European government to obstruct assistance to people in distress at sea.

Rescue charities say new Italian rules will cause migrant deaths. Crispian Balmer. *Reuters*. 5 January 2023. Available from: <https://www.reuters.com/world/europe/rescue-charities-say-new-italian-rules-will-cause-migrant-deaths-2023-01-05/> Sea rescue charities on Thursday condemned tough anti-immigration measures recently introduced by the Italian government, saying the new rules will cause ever more deaths in the Mediterranean.

Celebrity Cruise captain explains how her crew maneuvered their massive ship in rough conditions to rescue a boat of migrants in distress. Hannah Towey. *Insider*. 6 January 2023. Available from: <https://www.businessinsider.com/video-shows-celebrity-cruise-ship-rescuing-migrants-off-florida-coast-2023-1?r=US&IR=T> Celebrity Cruise captain Kate McCue explained how her crew was able to rescue a small boat of 19 migrants off the coast of Florida earlier this week in a video posted to social media.

Sea rescue NGOs and Italian interior minister clash over alleged 'pull factor'. *InfoMigrants*. 12 January 2023. Available from: <https://www.infomigrants.net/en/post/46066/sea-rescue-ngos-and-italian-interior-minister-clash-over-alleged-pull-factor> Sea rescue NGOs and Italian Interior Minister Matteo Piantedosi have clashed after the arrival in the port of Ancona of the migrant-rescue vessel *Ocean Viking* with 37 migrants on board.

The night Devon lifeboat volunteers risked everything to save cargo ship crew. Guy Henderson. *DevonLive (UK)*. 13 January 2023. Available from: <https://www.devonlive.com/news/devon-news/night-devon-lifeboat-volunteers-risked-8001440> A cargo ship with more than 5,000 tons of timber on board was in severe difficulties more than 30 miles out in the Channel.

Luxury Caribbean cruises become migrant rescue missions as Cuba crossings spike. Thomas Bywater. *New Zealand Herald*. 16 January 2023. Available from: <https://www.nzherald.co.nz/travel/luxury-caribbean-cruises-become-migrant-rescue-missions-as-cuba-crossings-spike/ZVVVJPH2XNDBDNGQFK62EKRDGE/> Caribbean cruise ships are increasingly becoming the site of maritime rescues, with almost 5000 Cuban migrants being picked up at sea.

International effort saves sailors after sinking off of Jeju Island. Cho Jung-Woo and Choi Choong-II. *Korea JoongAng Daily (South Korea)*. 25 January 2023. Available from: <https://koreajoongangdaily.joins.com/2023/01/25/national/socialAffairs/korea-jeju-cargo-ship/20230125182848429.html> A cargo ship with a crew of 22 sank in waters off of Jeju Island on Wednesday, with some of the sailors being pulled from the chilly waters in an international effort bringing together civilian and government resources.

What can be done about the plight of abandoned seafarers. *Safety4Sea*. 31 January 2023. Available from: <https://safety4sea.com/cm-what-can-be-done-about-the-plight-of-abandoned-seafarers/> David Hammond, Human Rights at Sea, CEO, and Professor Steven Haines, University of Greenwich and Honorary Trustee, recently joined the Operational Maritime Law podcast to discuss the protection of human rights at sea, focusing on what can be done about the plight of abandoned seafarers.

SHIP RECYCLING

Ship Recycling Starts 2023 Looking for More Activity. Nikos Roussanoglou. *Hellenic Shipping News*. 3 January 2023. Available from: <https://www.hellenicshippingnews.com/ship-recycling-starts-2023-looking-for-more-activity/> In its latest weekly report, GMS (www.gmsinc.net), the world's leading cash buyer of ships said that "as we close out another year, sub-continent markets remain suspended at their weakest point for some time now.

Ship recycling bounces back after lowest activity in 15 years. Rob Willmington. *Lloyd's List*. 12 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143556/> Tankers provided the majority of scrapping candidates last year, according to Lloyd's List Intelligence data.

Ship Recycling: "Peace and Quiet" is the Norm. Nikos Roussanoglou. *Hellenic Shipping News*. 25 January 2023. Available from: <https://www.hellenicshippingnews.com/ship-recycling-peace-and-quiet-is-the-norm/> The ship recycling market has began 2023 in the same "serene" mode it left 2022.

SHIPBUILDING & SHIPREPAIR

New DNV Deck Carrier notation supports emerging ship type. Jan Råde. *DNV*. 3 January 2023. Available from: <https://www.dnv.com/expert-story/maritime-impact/New-DNV-Deck-Carrier-notation-supports-emerging-ship-type.html> The energy transition needs specialized ships to carry very large wind turbine components.

'Old faithful' reefer vessels will be forced out by new pollution rules. Nick Savvides. *The Loadstar*. 4 January 2023. Available from: <https://theloadstar.com/old-faithful-reefer-vessels-will-be-forced-out-by-new-pollution-rules/> Conventional reefer ships that played a critical role in shipping perishables during the pandemic could be forced into retirement by new International Maritime Organization (IMO) pollution regulations.

Korea takes world's top spot in eco-friendly ship construction in 2022. Park Yoon-bae. *Aju Business Daily (South Korea)*. 6 January 2023. Available from: <https://www.ajudaily.com/view/20230106135508795> South Korean shipbuilders received orders of 15.59 million compensated gross tons (CGT) last year, representing 37 percent of the orders placed worldwide, according to the Ministry of Trade, Industry and Energy.

South Korea relaxes visa rules to address shipbuilding staffing. Megawati Wijaya. *Lloyd's List*. 9 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143509/> The Ministry of Justice has increased the required E-7-4 visa quota to 5,000 from 2,000, according to a report in Business Korea.

China's first electric, unmanned containership for inland waterways receives CCS AiP. *Manifold Times (Singapore)*. 12 January 2023. Available from: <https://www.manifoldtimes.com/news/chinas-first-electric-unmanned-containership-for-inland-waterways-receives-ccs-aip/> China Merchants Cruise Shipbuilding Co., Ltd. recently received an Approval in Principle (AiP) from China Classification Society for its design of intelligent electric unmanned container ship, according to several China-based news outlets.

World's first wind-powered RoRo vessel secures EUR 9M in EU funding. *Wallenius Wilhelmsen*. 15 January 2023. Available from: <https://www.walleniuswilhelmsen.com/news/worlds-first-wind-powered-ro-ro-vessel-secures-eur-9m-in-eu-funding> Wallenius Wilhelmsen and project partners have secured a Horizon Europe funding totalling EUR 9m to support building a RoRo sailing vessel.

Multibillion-Dollar Shipyard Project Launched. Mickella Anderson. *Jamaica Information Service*. 25 January 2023. Available from: <https://jis.gov.jm/multibillion-dollar-shipyard-project-launched/> Economic opportunities are expected to abound for Jamaica, through the establishment of a multibillion-dollar ship repair and maintenance facility in the country.

MOL and Mitsui Acquire AiP for Large Ammonia-powered Bulk Carrier. *Mitsui O.S.K. Lines (MOL)*. 27 January 2023. Available from: <https://www.mol.co.jp/en/pr/2023/23007.html> MOL and Mitsui jointly determined the size and specifications of the vessel, and both companies entrusted Mitsubishi Shipbuilding Co., Ltd. for design of the vessel.

The Shipping Industry Is Getting a Slew of New Vessels - Right as Demand Cools. *Port News*. 31 January 2023. Available from: <https://en.portnews.ru/digest/23491/> The tiny landlocked town of Mayview, Missouri, is an unlikely namesake for one of the world's largest ships.

SHIPPING

Kuba Szymanski: We need to fix shipping's image problem. Kuba Szymanski. *TradeWinds*. 3 January 2023. Available from: <https://www.tradewindsnews.com/opinion/kuba-szymanski-we-need-to-fix-shipping-s-image-problem/2-1-1372190> InterManager secretary general says the industry has a fight on its hands to attract young talent.

Monica Kohli: Women's participation and leadership drive better environmental outcomes. Monica Kohli. *TradeWinds*. 3 January 2023. Available from: <https://www.tradewindsnews.com/opinion/monica-kohli-women-s-participation-and-leadership-drive-better-environmental-outcomes/2-1-1375759> WISTA UK president and Gard UK senior lawyer would split cash between investment in gender equality and cutting-edge fuelling innovations.

Asia's marine fuel market to play a key role in market transformation. Susanna Lai. *Hong Kong Maritime Hub*. 6 January 2023. Available from: <http://www.hongkongmaritimehub.com/asia-marine-fuel-market-to-play-a-key-role-in-market-transformation/> Shipping's energy transition is a defining time for the industry.

Proposed requirement for zero emissions in the world heritage fjords by 2026. Marit Nilsen. *Norwegian Maritime Authority*. 9 January 2023. Available from: <https://www.sdir.no/en/news/news-from-the-nma/proposed-requirement-to-achieve-zero-emissions-in-the-world-heritage-fjords-by-2026/> On 2 January 2023, the Norwegian Maritime Authority (NMA) submitted a proposal for a regulation regarding emissions of the greenhouse gases carbon dioxide and methane in the world heritage fjords and the use of the best available technology to reduce nitrous oxide emissions. [Consultation Document](#)

"Say No to LNG": Campaign against LNG to be launched in 2023. *Safety4Sea*. 9 January 2023. Available from: <https://safety4sea.com/say-no-to-lng-campaign-against-lng-to-be-launched-in-2023/> A global campaign, Say No to LNG, will be launched during 2023, in order to counter pro-LNG narratives and ensure LNG is seen as a dead-end solution for policymakers, industry, and financial institutions.

China's reopening seen as a positive for shipping. Sam Chambers. *Splash 247.com*. 9 January 2023. Available from: <https://splash247.com/chinas-reopening-seen-as-a-positive-for-shipping/> China's reopening to the world over the weekend is seeing considerably more jet fuel about to be consumed in the world's most populous nation, while for crew managers there's relief that the country has made crew changes far easier for the first time in nearly three years.

Analysis: Some ocean shipping rates collapsing, but real price relief is months away. Lisa Baertlein. *Reuters*. 9 January 2023. Available from: <https://www.reuters.com/business/retail-consumer/some-ocean-shipping-rates-collapsing-real-price-relief-is-months-away-2023-01-09/> Prices in the most volatile segment of ocean shipping are collapsing, but top retailers like Walmart and Home Depot should not expect relief until the spring contract renegotiation season, industry experts said.


Shipping industry: The year that was. *The Gleaner (Jamaica)*. 10 January 2023. Available from: <https://jamaica-gleaner.com/article/shipping/20230110/shipping-industry-year-was> As the industry optimistically looks towards to a less tumultuous year, we look back at the events which characterised the industry and shaped the year that was.

Flags that let owners flout their own laws should feel the consequences. Bob Rust. *TradeWinds*. 12 January 2023. Available from: <https://www.tradewindsnews.com/opinion/flags-that-let-owners-flout-their-own-laws-should-feel-the-consequences/2-1-1385311> According to the International Transport Workers' Federation (ITF), the arrest has brought to light a blatant case of forcing seafarers to pay crewing agents cash for their jobs and for their sea service documentation — an illegal practice under the United Nations' Maritime Labour Convention (MLC).

Feeder owner objects to 'unfair' box migration to CII-exempt ships. Harry Papachristou. *TradeWinds*. 13 January 2023. Available from: <https://www.tradewindsnews.com/interviews/feeder-owner-objects-to-unfair-box-migration-to-cii-exempt-ships/2-1-1387796> Uneven application of the IMO's carbon rules puts container feeder ships at a disadvantage to vessels that can do the same job without having to comply with the regulations, a senior Contships Management executive says.

Shipping boost. Anesta Henry. *Barbados Today*. 14 January 2023. Available from: <https://barbadostoday.bb/2023/01/14/shipping-boost/> Government is taking steps at the policy and legislative level to build resilience in the shipping industry.

Barbados flag targeted by dark fleet owners shipping sanctioned crude. Michelle Wiese Bockmann and Tomer Raanan. *Lloyd's List*. 15 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143592/> Barbados is the latest registry targeted by flag-hopping shipowners engaged in shipping sanctioned Russian, Venezuelan and Iranian oil trades.

IRENA Helps Maritime Sector Ramp-up Decarbonisation Efforts. *International Renewable Energy Agency (IRENA)*. 16 January 2023. Available from: <https://www.irena.org/News/articles/2023/Jan/IRENA-Helps-Maritime-Sector-Ramp-up-Decarbonisation-Efforts> The maritime shipping industry contributes 3 per cent of the world's greenhouse gas emissions and is heavily reliant on fossil fuels.
[Ministerial Roundtable on Decarbonising Shipping](#) 

Clean Energy Marine Hubs Initiative gains further momentum at key Ministerial energy meeting hosted by IRENA. *International Chamber of Shipping (ICS)*. 16 January 2023. Available from: <https://www.ics-shipping.org/press-release/clean-energy-marine-hubs-initiative-gains-further-momentum-at-key-ministerial-energy-meeting-hosted-by-irena/> The Clean Energy Marine Hubs (CEM Hubs) initiative has gained further support during a Ministerial event hosted by the International Renewable Energy Agency (IRENA) at its 13th Assembly in Abu Dhabi.

What trends do maritime industry experts predict for 2023? Jasleen Mann. *Ship-technology.com*. 16 January 2023. Available from: <https://www.ship-technology.com/features/2023-predictions-shipping-trends/> The shipping industry dealt with the fallout of the Covid-19 pandemic in 2022 and is now set to focus on the challenges posed by the green transition.

London plays a pivotal role as shipping seeks to reframe risk in a complex marketplace. *London International Shipping Week*. 16 January 2023. Available from: <https://londoninternationalshippingweek.com/london-plays-a-pivotal-role-as-shipping-seeks-to-reframe-risk-in-a-complex-marketplace/> With its wide range of relevant expertise and home to key hubs for many sectors of the international maritime community, London is uniquely placed to lead the international shipping industry as it seeks to drive innovation, build skills, and meet its ambitious climate goals.

Stena Line postpones goal of higher female representation among managers. Astrid Sturlason. *ShippingWatch*. 16 January 2023. Available from: <https://shippingwatch.com/carriers/article14848088.ece> Swedish carrier Stena Line has postponed a goal of women representing at least a third of all management positions prior to the end of 2022, the company informs ShippingWatch, pointing to cutbacks following the pandemic as a primary reason.


Shipping Industry: The year that was (Part 2). *The Gleaner (Jamaica)*. 17 January 2023. Available from: <https://jamaica-gleaner.com/article/shipping/20230117/shipping-industry-year-was-part-2> As the industry optimistically looks towards a less tumultuous year, we look back at the events which characterised the industry and shaped the year that was.

An industry on standstill: maritime progress at risk over fears of digitalisation, Wärtsilä report warns. *Wärtsilä Corporation*. 17 January 2023. Available from: <https://www.wartsila.com/media/news/17-01-2023-an-industry-on-standstill-maritime-progress-at-risk-over-fears-of-digitalisation-wartsila-report-warns-3212079> Despite 78% of industry professionals agreeing that change and technological innovation is a positive thing for the maritime industry, almost half (45%) admit to having a volatile attitude towards technology and over a third (36%) say they are actively resistant to change.
[Debunking the mythical beasts of maritime digital transformation](#) 

Shipping demands greater accountability from bunkering sector. Nigel Lowry. *Lloyd's List*. 18 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143642/> Shipowners and managers are seeking greater accountability among bunker suppliers after a spate of contaminated fuel in Asia and Europe.

The Changing Face of Shipping. *Shipowners' Club*. 18 January 2023. Available from: <https://www.shipownersclub.com/the-changing-face-of-shipping/> Positive drivers like the growing green agenda driving fuel efficiencies, emissions target setting and the developments of Maritime Autonomous Surface Ships (MASS) promise to assist shipping meet environmental goals and a reduction in seafarer injury/death claims.

Maritime Just Transition Task Force: Engaging industry in social dialogue. Martha Selwyn. *Safety4Sea*. 18 January 2023. Available from: <https://safety4sea.com/cm-maritime-just-transition-task-force-engaging-industry-in-social-dialogue/> In an exclusive interview to SAFETY4SEA, Martha Selwyn who is currently Manager at the United Nations Global Compact and leads work on the social-climate nexus with the Maritime Just Transition Task Force, explains why this initiative represents an unprecedented international collaboration, creating a framework underpinned by social dialogue and stakeholder engagement.

SEA-LNG's View from the Bridge 2022-2023. *SEA-LNG*. 18 January 2023. Available from: <https://sea-lng.org/2023/01/lng-delivering-decarbonisation/> This resource highlights how the shipping industry has advanced along the LNG pathway to decarbonisation in 2022 and outlines what progress is anticipated in 2023. [LNG – Delivering Decarbonisation](#) 

Panama has cancelled registry to 136 Iran-linked vessels. Elida Moreno. *Reuters*. 18 January 2023. Available from: <https://www.reuters.com/business/energy/panama-has-cancelled-registry-136-iran-linked-vessels-2023-01-18/> Panama's vessel registry, the world's largest, has withdrawn its flag from 136 ships linked to Iran's state oil company in the last four years, the country's maritime authority said this week, pushing back against claims by an anti-nuclear group.

Denmark launches the world's first digital ship register. *Danish Maritime Authority*. 18 January 2023. Available from: <https://dma.dk/news-archive/2023/january/denmark-launches-the-worlds-first-digital-ship-register-> It will get rid of troublesome paperwork and increase security related to ship registration and ship trading.

Panama defends actions over Iran 'dark' fleet penalties. Paul Peachey. *TradeWinds*. 19 January 2023. Available from: <https://www.tradewindsnews.com/tankers/panama-defends-actions-over-iran-dark-fleet-penalties/2-1-1390757> Panama's shipping registry has denied failing to act on evidence that tankers operating under its flag had shipped Iranian crude oil in contravention of US sanctions.

Panama rejects allegations that it is knowingly helping Iran violate sanctions. Tomer Raanan. *Lloyd's List*. 19 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143673/> Panama Maritime Authority has rejected allegations that it is helping Iran skirt US sanctions by flagging tankers engaged in sanctioned oil trades.

Shipping still in dark over clean fuel solutions - industry official. Jonathan Saul. *Reuters*. 20 January 2023. Available from: <https://www.reuters.com/business/energy/shipping-still-dark-over-clean-fuel-solutions-industry-official-2023-01-20/> Shipping companies are still waiting for "real green" fuel solutions as part of decarbonisation efforts to clean up the industry, a leading industry official said.

Ports Org issues communique on registration of Iran ships by Panama. *Islamic Republic News Agency - IRNA (Iran)*. 22 January 2023. Available from: <https://en.irna.ir/news/85006660/> Ports and Maritime Organization of Iran (PMOI), the authority for Iran's navigation and naval safety, issuing a communique about registration of ships related to Iran by Panama government, announced: All the ships belonging to Iran are now flagged with proud IRI banner.

The great turnaround in shipping. Wailin Wong. *National Public Radio (US)*. 23 January 2023. Available from: <https://www.npr.org/2023/01/23/1150847969/> The pandemic caused a supply-demand disruption that created shipping backlogs in ports across the United States.

Lack of 'real' green solutions leaves shipping hanging, say London Greeks. Nigel Lowry. *Lloyd's List*. 23 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143726/> Progress on green solutions for the shipping industry has so far been underwhelming, according to the head of the London-based Greek Shipping Co-operation Committee.

How can the maritime industry benefit from African Continental Free Trade (AfCFTA)? *Ships & Ports*. 23 January 2023. Available from: <https://shipsandports.com.ng/how-can-the-maritime-industry-benefit-from-african-continental-free-trade-afcfta/> AfCFTA is to encourage intra-African trade amongst ourselves and the ways of trading amongst ourselves is by sea.

The 2021 surge in global shipping costs was a canary in the coal mine for the persistent rise in inflation. Jonathan D. Ostry. *International Monetary Fund (IMF)*. 24 January 2023. Available from: <https://www.imf.org/en/Publications/fandd/issues/2023/03/the-costs-of-misreading-inflation-jonathan-ostry> It bears remembering that, as recently as the second half of 2021, the Federal Reserve considered that the surge in consumer price inflation would dissipate, with price increases returning to the Fed's 2 percent target in 2022.

Maersk and MSC to discontinue 2M alliance in 2025. *Maersk*. 25 January 2023. Available from: <https://www.maersk.com/news/articles/2023/01/25/maersk-and-msc-to-discontinue-2m-alliance-in-2025> "MSC and Maersk recognize that much has changed since the two companies signed the 10-year agreement in 2015.

Greek and German shipowners in talks as maritime agenda heats up. Harry Papachristou. *TradeWinds*. 25 January 2023. Available from: <https://www.tradewindsnews.com/regulation/greek-and-german-shipowners-in-talks-as-maritime-agenda-heats-up/2-1-1393425> The heads of the Greek and German shipowners' associations met in Piraeus on 24 January and pledged closer cooperation, amid a heavy regulatory agenda.

Will box shipping's big break-up bring heartbreak to the sector? James Baker. *Lloyd's List*. 25 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143753> The dissolution of the 2M alliance between Maersk and MSC has been on the cards for some time, even while its architects continued to support the vessel sharing agreement's existence.

Marine insurers publish landmark climate report. *Poseidon Principles*. 26 January 2023. Available from: <https://www.poseidonprinciples.org/insurance/news/marine-insurers-publish-landmark-climate-report/> In the report, eight of the world's leading marine insurers have gathered and published client data to track their hull and machinery insurance portfolio's climate impact. [Annual Disclosure Report 2022](#)

Liner shipping digests the news of the 2M divorce. Sam Chambers. *Splash 247.com*. 26 January 2023. Available from: <https://splash247.com/liner-shipping-digests-the-news-of-the-2m-divorce/> Liner shipping has had 24 hours to digest the "bombshell" news that the world's two largest containerlines are to dissolve their 2M alliance within the next two years, something that paves the way for enormous changes in the global liner hierarchy.

“Invisibility” of Women Stalls Progress. Asma Ali Zain. *Breakbulk*. 26 January 2023. Available from: <https://breakbulk.com/Articles/breakbulk-must-bridge-gender-divide> Empowered women help economies thrive, fuelling growth and development around the world.

Right time for more women to join maritime industry. *New Straits Times (Malaysia)*. 26 January 2023. Available from: <https://www.nst.com.my/opinion/columnists/2023/01/873854/right-time-more-women-join-maritime-industry> Despite the maritime industry evolving over time, it is still perceived as male-dominated and women currently make up less than two per cent of the workforce.

Maersk settles in sexual harassment case between captain and cook. Dag Holmstad. *ShippingWatch*. 26 January 2023. Available from: <https://shippingwatch.com/carriers/Container/article14901421.ece> Maersk’s US subsidiary, Maersk Line Limited, closes yet another case of sexual misconduct aboard a Maersk-owned ship.

Barbados defends flagging US-sanctioned tanker. Michelle Wiese Bockmann. *Lloyd’s List*. 26 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143766/> The Barbados Maritime Ship Registry has defended the flagging of an Iranian-linked very large crude carrier two months after the US imposed sanctions on it but confirmed the vessel will be removed from the registry in the absence of a valid classification certificate.

The maritime industry from the view of a young Chinese woman. Lena Göthberg. *Shipping Podcast*. 26 January 2023. Available from: <https://shippingpodcast.com/206-anna-wu-project-logistics-specialist-china/> © I received an email from a loyal listener in Shanghai who is entering her career in the maritime industry and wanted to tell me how much the Shipping Podcast has meant to her.

Carriers refund over \$700,000 in charges to US shippers. Barry Parker. *Seatrade Maritime News*. 27 January 2023. Available from: <https://www.seatrade-maritime.com/containers/carriers-refund-over-700000-charges-us-shippers> Shipping lines have refunded more than \$700,000 of Demurrage and Detention billings in the US since June last year following complaints by shippers made to the Federal Maritime Commission (FMC) under OSRA 2022.

The Lloyd’s List Podcast: Why 2023 is pivotal for the decarbonisation of shipping. *Lloyd’s List*. 28 January 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1143784/> © Come July, the International Maritime Organization is expected to adopt a revised Strategy for Reduction of GHG Emissions from Ships.

Why Maritime Supply Chains Must Adapt to Sustainability Regulations. Anne-Sophie Fribourg. *SupplyChainBrain*. 30 January 2023. Available from: <https://www.supplychainbrain.com/blogs/1-think-tank/post/36495> Climate change has become an unassailable fact of life.

ICS publishes annual Shipping Industry Flag State Performance Table. *International Chamber of Shipping (ICS)*. 30 January 2023. Available from: <https://www.ics-shipping.org/press-release/ics-publishes-annual-shipping-industry-flag-state-performance-table/> The annual Shipping Industry Flag State Performance Table, published today from the International Chamber of Shipping (ICS), highlights a 25% increase in flag states reporting on seafarer labour standards compared to last year. [Report](#) 📄

Great Lakes fleets thrown overboard by new global maritime emissions standards.

Julius Melnitzer. *Financial Post (Canada)*. 30 January 2023. Available from:

<https://financialpost.com/transportation/great-lakes-fleets-thrown-overboard-new-global-maritime-emissions-standards>

Despite efforts to reduce their carbon emissions, Canada's lakers — the ships that carry cargo in the Great Lakes, St. Lawrence River and Arctic and East coasts — are finding themselves in an environmental and public relations quandary.

Climate Fund invests €10 million in Norsepower for accelerating emissions reductions in the shipping industry.

Helsinki Times (Finland). 30 January 2023. Available from:

<https://www.helsinkitimes.fi/finland/finland-news/domestic/22896>

The Finnish Climate Fund has decided on a capital loan of at most 10 million euros to rotor sail manufacturer Norsepower for increasing its production capacity.

RINA – Hellenic Decarbonization Committee: A Practical Approach to Decarbonization.

All About Shipping. 30 January 2023. Available from: <https://allaboutshipping.co.uk/2023/01/30/rina-hellenic-decarbonization-committee-a-practical-approach-to-decarbonization/>

The third meeting of the Hellenic Decarbonization Committee (HDC) was held at the end of the year.

Shipping's forgotten crisis could get worse.

David Hughes. *Business Times (Singapore)*. 31 January 2023. Available from:

<https://www.businesstimes.com.sg/companies-markets/transport-logistics/shippings-forgotten-crisis-could-get-worse>

The Mediterranean Sea is the main economic artery facilitating the movement of cargo to and from Europe and Asia.

Argus launches world's first biofuel blended ship bunker price.

Argus Media. 31 January 2023. Available from:

<https://www.argusmedia.com/en/press-releases/2023/20230131-argus-launches-worlds-first-biofuel-blended-ship-bunker-price>

Global energy and commodity price reporting agency Argus today launched the world's first independently assessed price for ship fuel that includes a biofuel component.

Why sanctions make shipowners insomniacs.

Pierre Aury. *Splash 247.com*. 31 January 2023. Available from:

<https://splash247.com/why-sanctions-make-shipowners-insomniacs/>

There was a time when shipping was a free market: supply and demand and just a couple of rules.

Gulf logistics ambitions skirt net-zero carbon emissions goals.

Sebastian Castelier. *Al Monitor*. 31 January 2023. Available from:

<https://www.al-monitor.com/originals/2023/01/gulf-logistics-ambitions-skirt-net-zero-carbon-emissions-goals>

Dubai's \$8.7 trillion economic development plan for the next 10 years — called D33 — that was announced earlier this month aims to cement the United Arab Emirate's (UAE) position as “the global city at the center of many emerging markets”.

RESEARCH

Narayanan SC, Emad GR, et al. **Key factors impacting women seafarers' participation in the evolving workplace: A qualitative exploration.** *Marine Policy*. 30 November 2022. Available from: <https://www.sciencedirect.com/science/article/abs/pii/S0308597X22004547> Women constitute a mere 1.28 % of currently active seafarers.

Stępień B. **Can a ship be its own captain? Safe manning of autonomous and uncrewed vessels.** *Marine Policy*. 14 December 2022. Available from: <https://www.sciencedirect.com/science/article/pii/S0308597X22004985> New maritime technologies-autonomous and uncrewed vessels- are already poised to revolutionize the shipping industry.

Vidović T, Šimunović J, et al. **Systematic Overview of Newly Available Technologies in the Green Maritime Sector.** *Energies*. 5 January 2023
Available from: <https://www.mdpi.com/1996-1073/16/2/641> The application of newly available technologies in the green maritime sector is difficult due to conflicting requirements and the inter-relation of different ecological, technological and economical parameters.

Verschuur J, Koks EE, et al. **Multi-hazard risk to global port infrastructure and resulting trade and logistics losses.** *Communications Earth & Environment*. 12 January 2023. Available from: <https://www.nature.com/articles/s43247-022-00656-7> Despite their economic importance, the risk that ports face from multiple natural hazards has not yet been monetised on a global scale.

Sørensen PM, Haddock A, et al. **Anthropogenic noise impairs cooperation in bottlenose dolphins.** *Current Biology*. 12 January 2023. Available from: <https://www.sciencedirect.com/science/article/abs/pii/S0960982222020000> While animals are known to use acoustic and other behavioural mechanisms to compensate for increasing noise at the individual level, our understanding of how noise impacts social animals working together remains limited.

Dewan MH and Godina R. **Effective Training of Seafarers on Energy Efficient Operations of Ships in the Maritime Industry.** *Procedia Computer Science*. 13 January 2023. Available from: <https://www.sciencedirect.com/science/article/pii/S1877050922024541/pdf> This study has shown onboard training activities such as computer and simulator-based training; onboard training by the technical manager or master and ship crews; training by the technical manager during the pre-joining briefing; and special training by the project teams/retrofits vendors onboard ships are the most effective training programs for seafarers for energy efficient operation of ships.

Park J, Van Osdel J, et al. **Tracking elusive and shifting identities of the global fishing fleet.** *Science Advances*. 18 January 2023. Available from: <https://www.science.org/doi/full/10.1126/sciadv.abp8200> Illegal, unreported, and unregulated (IUU) fishing costs billions of dollars per year and is enabled by vessels obfuscating their identity.

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maritimeknowledgecentre@imo.org

About the front cover

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