



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

“Sharing Maritime Knowledge”

CURRENT AWARENESS BULLETIN

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[Maritime Knowledge Centre \(MKC\)](http://www.imo.org/About/Partnerships/OtherPartners/IMO/MaritimeKnowledgeCentre)
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MARPOL AT 50
OUR COMMITMENT GOES ON

About the MKC Current Awareness Bulletin (CAB)

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

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

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

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

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IMO NEWS & EVENTS

WHAT'S NEW

Women in Maritime day: networks for gender equality

The second International Day for Women in Maritime, on 18 May 2023, seeks to highlight the importance of collaboration and networking in achieving gender equality in the maritime sector.

IMO Secretary-General Kitack Lim said: "Women are working in all facets of the maritime sector across the globe, on shore and at sea to support the transition to a decarbonized, digitalized and more sustainable future for the industry. There is still a significant gender imbalance in maritime. Times are changing – but we need to accelerate that change. The benefits for the whole sector of improved diversity in the workforce is evident." [**More...**](#)

MEETING SUMMARIES AND SCHEDULE

Previous Meetings

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

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

Forthcoming Meetings

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

Intersessional Working Group on the Reduction of GHG Emissions from Ships (ISWG-GHG 15)
26-30 June 2023

[Programme of Meetings for 2023](#) 📄

UNITED NATIONS

UN rights chief calls for action to address Central Mediterranean Sea migrant crisis.

UN News. 13 April 2023. Available from: <https://news.un.org/en/story/2023/04/1135612>
Since 2014, over 26,000 people have died or gone missing crossing the Mediterranean Sea.

Current climate policies ‘a death sentence’ for the world, warns Guterres.

UN News. 20 April 2023. Available from: <https://news.un.org/en/story/2023/04/1135862> Antonio Guterres was addressing via videolink, the fourth meeting of the Major Economies Forum, convened by the United States President Joe Biden, which is designed to galvanize efforts to keep the global temperature rise of 1.5°C above pre-industrial levels, within reach – in line with the Paris Agreement.

UN Data Forum: Fast-tracking solutions to reach the SDGs.

UN News. 24 April 2023. Available from: <https://news.un.org/en/story/2023/04/1135962> UN Secretary-General António Guterres has issued a major call at a UN forum to find new ways to harness data today, to shape a peaceful and prosperous tomorrow, for all people and the planet.

Guterres urges countries to recommit to achieving SDGs by 2030 deadline.

UN News. 25 April 2023. Available from: <https://news.un.org/en/story/2023/04/1136017> Launching a special edition of the Sustainable Development Goals (SDGs) progress report, he warned that their collective promise made in 2015 of a more green, just and equitable global future, is in peril.

CASUALTIES

Washington State Ferry Captain Lost Situational Awareness Before Hard Landing, Investigation Reveals. Mike Schuler. *gCaptain*. 4 April 2023. Available from: <https://gcaptain.com/washington-state-ferry-cathlamet-accident-investigation/> The *MV Cathlamet* collided with the south dolphin during a scheduled run between the Vashon Island Ferry Terminal and the Fauntleroy Ferry Terminal on July 28, 2022, at approximately 08:13:47 in the morning.

Eight Missing After Cargo Ship Bound for Ukraine Sinks off Turkey. *Maritime Executive*. 5 April 2023. Available from: <https://www.maritime-executive.com/article/eight-missing-after-cargo-ship-bound-for-ukraine-sinks-off-turkey> Turkish officials are reporting that a search and rescue operation is underway in the Mediterranean after a small, general cargo ship, sunk in a storm.

Photos: Indonesian Navy Responds to Tanker Collision. *Maritime Executive*. 13 April 2023. Available from: <https://www.maritime-executive.com/article/photos-indonesian-navy-responds-to-tanker-collision> The Indonesia Navy released photos showing the extent of the damage to two product tankers after they collided near one of the country's large oil terminals.

PCG: All but one oil spill sources temporarily sealed. Raymond Carl Dela Cruz. *Philippine News Agency (PNA)*. 17 April 2023. Available from: <https://www.pna.gov.ph/articles/1199569> The Philippine Coast Guard (PCG) announced on Monday the completion of underwater Remotely Operated Vehicle (ROV) operations in Oriental Mindoro province as part of mitigation efforts in the oil spill caused by the sinking of the *M/T Princess Empress* nearly two months ago.

Reliability concerns for container ship that broke down in Wellington Harbour. Conor Knell. *Stuff (New Zealand)*. 17 April 2023. Available from: <https://www.stuff.co.nz/dominion-post/news/wellington/131786475/> Maritime NZ officials are beginning inspections of *Shiling*, the container ship that broke down on Saturday, to decide when it can leave Wellington, the harbourmaster said on Monday.

DENR hoping oil spill leakage to be fully controlled 'within the month'. *ABS-CBN (Philippines)*. 18 April 2023. Available from: <https://news.abs-cbn.com/news/04/18/23/denr-hopes-oil-spill-leakage-fully-controlled-within-the-month> The Department of Natural Resources (DENR) on Tuesday hoped the oil spill leakage could be fully controlled "within the month," just as it is still undertaking impact analysis on the spill's ecological damage.

One killed in tanker fire in Malaysia-Indonesia border waters. *Jakarta Post*. 19 April 2023. Available from: <https://www.thejakartapost.com/indonesia/2023/04/19/one-killed-in-tanker-fire-in-malaysia-indonesia-border-waters.html> A crew member was killed and two others injured, and one reported missing, after a fire broke out on a Malaysian-flagged tanker in the Outside Port Limits (OPL) waters between Indonesia and Malaysia on Monday.

Honouring the *Titanic* victims. Carlos Salinas. *Manila Times*. 19 April 2023. Available from: <https://www.manilatimes.net/2023/04/19/business/maritime/honoring-the-titanic-victims/1887645> "TITANIC," the popular tragic-romantic movie that hit the screen in 1997 and went on to earn \$2.2 billion worldwide and win 11 Oscars, celebrates its 25th anniversary this year.

4 Dead After Russian Ship Catches Fire Near South Korea. *Moscow Times*. 21 April 2023. Available from: <https://www.themoscowtimes.com/2023/04/21/4-dead-after-russian-ship-catches-fire-near-south-korea-a80895> A Russian-flagged fishing vessel caught fire off the coast of South Korea, leaving four out of the 25 sailors on board dead, Russia's state-run media reported Friday.

SS *Montevideo Maru* shipwreck found 81 years after Australia's worst maritime disaster. Brianna Morris-Grant. *ABC (Australia)*. 21 April 2023. Available from: <https://www.abc.net.au/news/2023-04-22/montevideo-maru-wwii-shipwreck-found/102255384> The ship at the centre of the worst maritime disaster in Australia's history has been discovered more than 4,000 metres beneath the sea, 81 years after it sank.

How this team of maritime experts cracked Australia's *Montevideo Maru* mystery. Andrew Greene. *ABC (Australia)*. 22 April 2023. Available from: <https://www.abc.net.au/news/2023-04-23/how-maritime-experts-cracked-australia-s-montevideo-maru-mystery/102256678> A specialist team of deep-sea experts endured the effects of a tropical cyclone, conducted hours of painstaking research, but also had some extraordinarily good luck before finally solving one of Australia's greatest naval mysteries; finding the final resting place of the sunken *Montevideo Maru*.

At least 11 people killed as ferry capsizes off Indonesia. *ABC (Australia)*. 28 April 2023. Available from: <https://www.abc.net.au/news/2023-04-28/ferry-capsizes-off-indonesia-killing-several-people/102278966> Officials said the ferry, *Evelyn Calista 01*, was carrying about 78 people — 72 passengers and six crew — to the small island of Tanjung Pinang near neighbouring Singapore when, about 30 minutes after it set sail, it was believed to have hit a log.

ENVIRONMENT

Tanker Sets Sail on United Nations Mission to Prevent Catastrophic Oil Spill in Red Sea. *United Nations Development Programme (UNDP)*. 6 April 2023. Available from: <https://www.undp.org/press-releases/tanker-sets-sail-united-nations-mission-prevent-catastrophic-oil-spill-red-sea> very large crude carrier or VLCC set sail from Zhoushan, China today as part of a UN coordinated operation to remove more than a million barrels of oil from the decaying *FSO Safer* supertanker off Yemen's Red Sea coast that threatens a humanitarian, environmental and economic catastrophe.

UN vessel en route to Yemen to collect oil from decaying tanker. *The National (UAE)*. 7 April 2023. Available from: <https://www.thenationalnews.com/gulf-news/2023/04/07/un-vessel-en-route-to-yemen-to-collect-oil-from-decaying-tanker/> A UN supertanker left China on Friday on a mission to collect more than a million barrels of crude stored on a decaying vessel off Yemen's west coast and prevent a devastating oil spill in the Red Sea.

New Report Predicts How Climate Change and Illegal Fishing Could Threaten Global Ocean. Kevin He and Gina Fiore. *Pew Charitable Trusts*. 10 April 2023. Available from: <https://www.pewtrusts.org/en/research-and-analysis/articles/2023/04/10/new-report-predicts-how-climate-change-and-illegal-fishing-could-threaten-global-ocean> The global trade in fish is big business, worth upwards of \$400 billion per year.

4 Ways to Invest in a Sustainable 'Blue Economy' *Morgan Stanley*. 11 April 2023. Available from: <https://www.morganstanley.com/ideas/blue-economy-investing-ocean-priorities> Tackling climate change, protecting biodiversity and fostering inclusive economic growth will require more than \$3 trillion of investments in the world's oceans in the coming decades.

Earth Day: Here are 5 ways we can scale up climate solutions, according to IPCC.

Andrea Willige. *World Economic Forum*. 19 April 2023. Available from:

<https://www.weforum.org/agenda/2023/04/earth-day-2023-climate-solutions-ipcc/>

On April 22, the world will be marking Earth Day, a global day of environmental activism to bring about policy changes, mobilize funding and transform human behaviour to fight the climate crisis.

WMO annual report highlights continuous advance of climate change.

World Meteorological Organization (WMO). 21 April 2023. Available from: <https://public.wmo.int/en/media/press-release/wmo-annual-report-highlights-continuous-advance-of-climate-change> From mountain peaks to ocean depths, climate change continued its advance in 2022, according to the annual report from the World Meteorological Organization. [State of the Global Climate 2022](#)

Harnessing the ocean's power to combat the climate crisis.

Tiffany Challe. *Phys.org*.

24 April 2023. Available from: <https://phys.org/news/2023-04-harnessing-ocean-power-combat-climate.html>

Earth Day is an opportunity to celebrate the awe-inspiring wonders on this planet—a place full of biodiversity hotspots, from lush rainforests to scenic mountain ranges, home to rich, endemic species.

ENVIRONMENTAL POLLUTION

EU-funded study about the underwater noise effects of re-routing a major shipping lane.

European Commission. 24 March 2023. Available from: https://oceans-and-fisheries.ec.europa.eu/news/eu-funded-study-about-underwater-noise-effects-re-routing-major-shipping-lane-2023-03-24_en

Re-routing shipping lanes is one way to reduce the effects of underwater noise on the marine environment.

OR&R Supporting Oil Spill in Oriental Mindoro, Philippines.

US National Oceanic and Atmospheric Administration (NOAA). 31 March 2023. Available from:

<https://response.restoration.noaa.gov/orr-supporting-oil-spill-oriental-mindoro-philippines>

In early March, the Government of the Philippines requested U.S. assistance in the response to an oil spill that occurred after the tanker Princess Empress sank on Feb. 28, while carrying more than 900,000 liters of industrial oil in rough seas off the coast of Oriental Mindoro.

NDRRMC lauds int'l assistance for Mindoro oil spill.

Philippine News Agency (PNA). 2 April 2023. Available from: <https://www.pna.gov.ph/articles/1198725>

The National Disaster Risk Reduction and Management Council (NDRRMC) has expressed its appreciation to all countries that extended help to the Philippines in containing the oil spill off Oriental Mindoro waters.

Alaska marine debris experts call for tighter regulation and more cleanup funding.

Kavitha George. *Alaska Public Media*. 4 April 2023. Available from:

<https://alaskapublic.org/2023/04/04/alaska-marine-debris-experts-call-for-tighter-regulation-and-more-cleanup-funding/>

Trawl nets, buoys, even boats and fragments of buildings: these are some types of marine debris that wash up on Alaska's coasts every day.

Now available - your feedback on international requirements for fishing gear marking and reporting.

Australian Maritime Safety Authority (AMSA). 5 April 2023. Available from:

<https://www.amsa.gov.au/news-community/news-and-media-releases/now-available-your-feedback-international-requirements>

To help Australia shape new international requirements, we asked for your views on the marking of fishing gear and the reporting of lost or discharged fishing gear.

[Consultation Feedback Report](#)

Bad weather causes further separation of OS35. *Gibraltar Port Authority.* 5 April 2023.

Available from: <https://www.gibraltarport.com/news/press-release-bad-weather-causes-further-separation-of-os35-94> The Government has been advised by the Captain of the Port that, as a result of the adverse weather conditions at sea, the OS 35 has shifted slightly from its position and separated further in the area of the hull previously damaged.

Say No To LNG shipping campaign launches. Sam Chambers. *Splash247.com.* 6 April 2023.

Available from: <https://splash247.com/say-no-to-lng-shipping-campaign-launches/> Say No to LNG, a global shipping campaign, has launched this month, with its backers saying they aim to debunk the “myth” that LNG is a climate friendly marine fuel alternative.

OS 35 Update – Coastal clean up progresses well. *Gibraltar Port Authority.* 7 April 2023.

Available from: <https://www.gibraltarport.com/news/press-release-os-35-update-coastal-clean-up-progresses-well-95> The Captain of the Port has updated the OS 35 Recovery Coordination Group on the situation as the coastal clean-up progresses.

Catalan Bay, Little Bay & parts of Sandy Bay re-open, clean up of oil spill from OS 35 ongoing. *Gibraltar Broadcasting Corporation (GBC).* 8 April 2023. Available from:

<https://www.gbc.gi/news/catalan-bay-little-bay-parts-sandy-bay-re-open-clean-oil-spill-tos-35-ongoing>
The clean up operation of Wednesday’s oil spill from the OS 35 bulk carrier is ongoing.

OS 35 Update – Boom Redeployed. *Gibraltar Port Authority.* 10 April 2023. Available from:

<https://www.gibraltarport.com/news/press-release-os-35-update-boom-redeployed-98>
The Captain of the Port is pleased to confirm that the heavy swells on the East side subsided enough to enable the safe redeployment of the boom around the OS 35 Saturday (8/4/23).

Princess Empress clean-up operations continue in Philippines. David Osler. *Lloyd’s List.*

12 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144675/>
Shoreline clean-up activities in progress at Oriental Mindoro, overseen by experts from the US Coast Guard and US Navy.

Damage cost, losses due to oil spill in Mindoro near P1-B: BFAR. Katrina Domingo.

ABS-CBN (Philippines). 15 April 2023. Available from: <https://news.abs-cbn.com/news/04/15/23/damage-cost-losses-due-to-oil-spill-in-mindoro-near-p1-b>

The damage cost and losses due to the oil spill in Oriental Mindoro are about to breach the P1-billion mark, according to data from the Bureau of Fisheries and Aquatic Resources.

Remembering Deepwater Horizon, the worst offshore oil spill in our history. Ben Jealous.

Chicago Sun Times. 17 April 2023. Available from: <https://chicago.suntimes.com/columnists/2023/4/17/23686797/oil-gas-leases-deepwater-horizon-gulf-coast-climate-change-ben-jealous-op-ed> How long do you think it would take to overlook the worst offshore oil spill in history, one that lasted 87 days and during which 4 million barrels spewed into the Gulf of Mexico?

Environmental message as plastic bottle survives for decade after being dropped in ocean off Portland. Emily Bissland and Jeremy Lee. *ABC (Australia).* 18 April 2023. Available from:

<https://www.abc.net.au/news/2023-04-18/message-plastic-bottle-portland-10-years-environmental-message/102230076> A message in a plastic bottle has survived in the ocean for 10 years after being placed in the ocean off Victoria’s south-west coast.

An awful lot of garbage. Michael Grey. *Baird Maritime*. 19 April 2023. Available from: <https://www.bairdmaritime.com/work-boat-world/small-craft-world/pollution-rubbish-cleanup/column-an-awful-lot-of-garbage-grey-power/> “Coastal creatures thriving on Great Pacific Garbage Patch,” it announced, the story in the London Daily Telegraph going on to explain that researchers from the Smithsonian Environmental Research Centre had discovered a surprising variety of marine coastal species living happily on plastic waste collected by wind and currents on what has become known as the Pacific Gyre.

They cleaned up BP’s massive oil spill. Now they’re sick – and want justice. Sara Sneath and Oliver Laughland. *The Guardian*. 20 April 2023. Available from: <https://www.theguardian.com/environment/2023/apr/20/bp-oil-spill-deepwater-horizon-health-lawsuits> Thirteen years after the Deepwater Horizon explosion, documents shed light on the company’s response and ‘scorched earth’ legal tactics.

Russia’s shadowy energy trade is raising fears of a devastating oil spill. Clare Sebastian, Livvy Doherty and Julia Horowitz. *CNN*. 24 April 2023. Available from: <https://edition.cnn.com/2023/04/21/business/russian-oil-vessels-gray-fleet/index.html> 🇺🇸 The waters of the Bay of Lakonikos, on the south-eastern side of Greece’s Peloponnese peninsula, are a bright turquoise color.

U.N. parties are worlds apart on plastics treaty solutions. Charles Pekow. *Mongabay*. 27 April 2023. Available from: <https://news.mongabay.com/2023/04/u-n-parties-are-worlds-apart-on-plastics-treaty-solutions/> The United Nations Environment Programme will sponsor a Paris meeting in late May and early June in the ongoing effort to create an international treaty to potentially control plastic production and pollution.

Environmental damage from oil spill may reach P7 billion – DENR chief. Isagani de Castro Jr. *Rappler (Philippines)*. 27 April 2023. Available from: <https://www.rappler.com/nation/denr-yulo-loyzaga-response-estimate-damage-oriental-mindoro-oil-spill/> 🇵🇭 Environmental damage caused by the oil spill from the sunken *MT Princess Empress* could reach P7 billion, the country’s environment chief said on Thursday, April 27.

HEALTH & SAFETY

Seafarers, fishers to benefit from new medical guide onboard thanks to shipowners and unions. *International Transport Workers’ Federation (ITF)*. 5 April 2023. Available from: <https://www.itfglobal.org/en/news/seafarers-fishers-benefit-new-medical-guide-onboard-thanks-shipowners-and-unions> “Crew are often hundreds of miles from shore when illness, accident or injury takes place onboard – leaving them without internet and dangerously far from the nearest hospital,” said International Transport Workers’ Federation General Secretary Stephen Cotton as he welcomed a new medical guide for ships from shipowners’ association ICS.

Talking Point: Sustainability and safe drinking water for seafarers. Giorgos Kyriazis. *International Seafarers’ Welfare and Assistance Network (ISWAN)*. 26 April 2023. Available from: <https://www.seafarerswelfare.org/news/2023/talking-point-sustainability-and-safe-drinking-water-for-seafarers> This month, Giorgos Kyriazis of P Ship Systems discusses the overlap between providing safe, clean drinking water for seafarers and protecting the marine environment.

IMO

Unlocking much greater efficiency improvement is key to aligning shipping to 1.5°C by 2030.

Dr Tristan Smith, Dr Jean-Marc Bonello and Akash Kapur. *University Maritime Advisory Services (UMAS)*. 5 April 2023. Available from: <https://www.u-mas.co.uk/unlocking-much-greater-efficiency-improvement-is-key-to-aligning-shipping-to-1-5oc-by-2030/> IMO's GHG debates have centred on the fuel transition, which is key for the ultimate transition to zero emissions, but absolute emission reductions required this decade can mostly be unlocked with efficiency. [How can international shipping align with 1.5°C? Focus on 1.5°C alignment in 2030](#) 🇬🇧

Strengthening international maritime law and eliminating the 'dark fleet'.

David Hughes. *Business Times (Singapore)*. 11 April 2023. Available from: <https://www.businesstimes.com.sg/international/strengthening-international-maritime-law-and-eliminating-dark-fleet> Over the past 50 years or so, there has been a steady increase in the international regulation of the global merchant fleet, mainly thanks to the work of the International Maritime Organization (IMO), a specialised agency of the United Nations based in London.

IMO under pressure as G7 commits to zero shipping emissions by 2050.

Adam Corbett. *TradeWinds*. 17 April 2023. Available from: <https://www.tradewindsnews.com/regulation/imo-under-pressure-as-g7-commits-to-zero-shipping-emissions-by-2050/2-1-1435379> A G7 environment and transport meeting in Sapporo, Japan, has reiterated its commitment to achieving zero greenhouse gas emissions from shipping by 2050.

The IMO must win a consensus on carbon or shipping will face chaos.

Terry Macalister. *TradeWinds*. 20 April 2023. Available from: <https://www.tradewindsnews.com/opinion/the-imo-must-win-a-consensus-on-carbon-or-shipping-will-face-chaos/2-1-1436450> One of the world's biggest climate protests is set to take place in London this weekend as tens of thousands of demonstrators are expected to converge in the centre of the UK capital.

IMO study makes the case for more ambitious green targets.

Sam Chambers. *Splash 247.com*. 20 April 2023. Available from: <https://splash247.com/imo-study-makes-the-case-for-more-ambitious-green-targets/> A study commissioned by the MO shows that the hurdles regularly cited barring the way to shipping's decarbonisation are all surmountable.

Nixon demands "clear breakthrough" to achieve climate ambitions.

Dag Homlstad. *ShippingWatch*. 24 April 2023. Available from: <https://shippingwatch.com/regulation/article15660020.ece> A clear breakthrough with tightened climate targets and specific, so-called mid-term measures could unleash a string of major investments in the shipping industry and at utilities, according to Jeremy Nixon, CEO of the world's seventh-largest container carrier, Japanese ONE.

Call for Switch to Cleaner Shipping Fuel To Cut Arctic Black Carbon Emissions.

Clean Arctic Alliance. 24 April 2023. Available from: <https://cleanarctic.org/2023/04/24/call-for-for-switch-to-cleaner-shipping-fuel-to-cut-arctic-black-carbon-emissions/> As a meeting of the IMO's Pollution Prevention and Response committee opens today (PPR 10), the Clean Arctic Alliance calls on the IMO to radically reduce the impact of black carbon emissions from shipping on Arctic sea and glacier ice, by putting in place a compulsory requirement for ships across the whole Arctic to use cleaner fuels, by switching to distillate fuels.

UN lacks equipment to handle ticking climate bomb off Yemen. Daniel Logan. *ShippingWatch*. 24 April 2023. Available from: <https://shippingwatch.com/carriers/Tanker/article15662415.ece>
Now, the IMO out for help and asks its member nations to donate used and old equipment to prevent or at least lessen a potential oil leak for the large tanker.

No time to waste: IMO must tackle black carbon emissions in the Arctic. *WWF*. 24 April 2023. Available from: <https://www.arcticwwf.org/newsroom/features/no-time-to-waste-imo-must-tackle-black-carbon-emissions-in-the-arctic/> In the Arctic, fishing boats, oil tankers and cargo ships are the biggest black carbon emitters.

Push for IMO to set ‘ambitious’ climate goals for shipping. Marcus Hand. *Seatrade Maritime News*. 24 April 2023. Available from: <https://www.seatrade-maritime.com/regulation/push-imo-set-ambitious-climate-goals-shipping> The IMO is set to adopt a revised greenhouse gas (GHG) emissions strategy from the MEPC 80 meeting in July with increasingly intense lobbying by countries that want to see a commitment to net zero emissions by 2050 versus others that want a more conservative strategy.

IMO ‘not fit for purpose,’ says former ICS chief. Megawati Wijaya. *Lloyd’s List*. 24 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144844/> The IMO is not fit for purpose and is too slow in pushing for new regulations, according to the former head of the International Chamber of Shipping.

Danish minister will fight for a high CO2 levy on shipping. Dag Holmstad. *ShippingWatch*. 25 April 2023. Available from: <https://shippingwatch.com/regulation/article15664353.ece>
The Danish minister for business will work diligently towards having IMO vote in favour of a CO2 levy on shipping and a stiffened climate goal for 2050, he tells ShippingWatch.

The IMO would be reckless to ignore the full life cycle of fuels. Aoife O’Leary. *TradeWinds*. 25 April 2023. Available from: <https://www.tradewindsnews.com/opinion/the-imo-would-be-reckless-to-ignore-the-full-life-cycle-of-fuels/2-1-1438409> Alternative fuels are no silver bullet — they will only bring a climate benefit if they are produced in a sustainable way.

France’s climb down on 2030 shipping emissions target set to weaken EU position at IMO. Paul Berrill. *TradeWinds*. 26 April 2023. Available from: <https://www.tradewindsnews.com/regulation/france-s-climb-down-on-2030-shipping-emissions-target-set-to-weaken-eu-position-at-imo/2-1-1440693> Concerns have emerged that the European Union may end up with a watered-down position at the IMO negotiations this summer to set more ambitious climate targets as European Union member states started to discuss proposals this week.

How to reduce environmental impact through data. Peter Nilson. *ShipTechnology*. 26 April 2023. Available from: <https://www.ship-technology.com/comment/how-to-reduce-environmental-impact-through-data/> Starting 1 January 2023, the IMO’s Carbon Intensity Indicator (CII) scheme is in force.

Viewpoint: CII is Here – But Misperceptions Persist. Dylan Keil. *Ship & Bunker*. 26 April 2023. Available from: <https://shipandbunker.com/news/world/683562> These new carbon emissions standards – put forth by the IMO – require every commercial maritime shipping vessel to report emissions data and receive a CII grade on an annual basis.

LAW & POLICY

Greek Ship Manager Pleads Guilty to MARPOL Charges. *Maritime Executive*. 30 March 2023. Available from: <https://maritime-executive.com/article/greek-ship-manager-pleads-guilty-to-marpol-charges> A Greek ship manager has pleaded guilty to criminal MARPOL violations in connection to oily-waste discharges aboard the product tanker *Galissas*.

UN body mulls deep sea mining amid demand for minerals. Dánica Coto. *Associated Press*. 31 March 2023. Available from: <https://apnews.com/article/deep-sea-mining-permission-isa-591536eff7adba104256b4829d93977d> Pressure is mounting on an obscure U.N. body based in Jamaica to hit pause on plans to potentially open the world's deep seas to mining as companies push for permission to extract metals from seabeds in international waters.

At Luxor talks, splits remain but hopes high for loss and damage fund this year. Joe Lo. *Climate Home News*. 31 March 2023. Available from: <https://climatechangenews.com/2023/03/31/after-luxor-talks-splits-remain-but-hopes-high-for-loss-and-damage-fund-this-year/> A fund to deliver financing to places affected by climate-fuelled disasters should be created by the annual U.N. climate summit that opens at the end of November, the lead host negotiator at last year's summit said on Thursday.

Governments leave door open to deep sea mining starting this year. *Greenpeace International*. 1 April 2023. Available from: <https://www.greenpeace.org/usa/news/governments-leave-door-open-to-deep-sea-mining-starting-this-year/> Negotiations to stop deep sea mining from starting at the International Seabed Authority in Jamaica will end today.

Malta needs focused and dedicated Maritime Authority and Court – MMF. *Malta Independent*. 2 April 2023. Available from: <https://www.independent.com.mt/articles/2023-04-02/local-news/Malta-needs-focused-and-dedicated-Maritime-Authority-and-Court-MMF-6736250814> Malta needs a focused and dedicated Maritime Authority and a Maritime Court, chairman of the Malta Maritime Forum Godwin Xerri said.

Australian Federal Police report largest ever detection of heroin in Queensland after 336kg shipment seized. *ABC (Australia)*. 3 April 2023. Available from: <https://www.abc.net.au/news/2023-04-04/heroin-arrest-port-of-brisbane-australian-federal-police/102183312> Authorities have intercepted 336kg of heroin in a shipment sent from Malaysia to Brisbane — the largest seizure of the drug ever detected in Queensland and the second largest on record for the entire country.

UNCTAD set to support countries under new landmark treaty on high seas. *United Nations Conference on Trade and Development (UNCTAD)*. 3 April 2023. Available from: <https://unctad.org/news/unctad-set-support-countries-under-new-landmark-treaty-high-seas> After 15 years of negotiations, UN member states agreed on landmark new treaty on 4 March to protect marine biodiversity on the high seas.

Nigeria Needs To Pay More Attention To Her Maritime Domain – Stakeholders. Victoria Ojugbana. *Independent (Nigeria)*. 3 April 2023. Available from: <https://independent.ng/nigeria-needs-to-pay-more-attention-to-her-maritime-domain-stakeholders/> Nigeria has been urged to pay more attention to her maritime domain as the nation's resources dwindle onshore, with a higher percent of her resources at sea untapped.

Beyond COP27: Pacific Women Leaders on why women and girls must be included in climate solutions. *UN Women*. 4 April 2023. Available from: <https://asiapacific.unwomen.org/en/stories/feature-story/2023/04/beyond-cop27-pacific-women-leaders-on-why-women-and-girls-must-be-included-in-climate-solutions> Pacific Women Leaders are a powerful force for change in the climate action arena.

Maersk employee arrested in Rotterdam as part of drug trafficking case. Niklas Krigslund. *ShippingWatch*. 4 April 2023. Available from: <https://shippingwatch.com/carriers/Container/article15552239.ece> An employee from shipping major Maersk has been arrested in a case about drug trafficking in the major Dutch Port of Rotterdam.

'You're not detained, but you can't go home', US tells crew. Bob Rust. *TradeWinds*. 5 April 2023. Available from: <https://www.tradewindsnews.com/opinion/-you-re-not-detained-but-you-can-t-go-home-us-tells-crew/2-1-1430417> US authorities are yet again denying seafarers their liberty, acknowledging their innocence yet holding them indefinitely as potential witnesses to a crime.

Climate-hit island pushes to reshape World Bank, IMF. Kelly MacNamara. *Phys.org*. 7 April 2023. Available from: <https://phys.org/news/2023-04-climate-hit-island-reshape-world-bank.html> While conflict and inflation will dominate World Bank spring meetings next week, campaigners are pushing for a redesign of global financial architecture to help countries cope with climate change.

Russia warns West: we may work around the Black Sea grain deal. Guy Faulconbridge. *Reuters*. 7 April 2023. Available from: <https://www.reuters.com/world/europe/russia-warns-west-we-may-work-around-black-sea-grain-deal-2023-04-07/> Russia warned the West on Friday that unless obstacles to its exports of grain and fertilisers were removed, then Ukraine would have to export grain over land and Moscow would work outside the UN-brokered landmark grain export deal.

How Africa benefits from the new historic "high seas" treaty on maritime biodiversity. Michael Imran Kanu. *Africa Renewal*. 10 April 2023. Available from: <https://www.un.org/africarenewal/magazine/april-2023/how-africa-benefits-new-historic-%E2%80%9Chigh-seas%E2%80%9D-treaty-maritime-biodiversity> On 4 March 2023, after 36 hours of final robust negotiations, Singapore's Ambassador Rena Lee and the President of the Intergovernmental Conference on an international legally binding instrument under the UN Convention on the Law of the Sea (UNCLOS) on the Conservation and Sustainable use of Marine Biodiversity of Areas Beyond National Jurisdiction (BBNJ), declared that the "ship has reached the shore."

Japan's MUFG sets emissions targets for real estate, shipping, steel. David Dolan and Simon Jessop. *Reuters*. 11 April 2023. Available from: <https://www.reuters.com/business/sustainable-business/japans-mufg-sets-emissions-targets-real-estate-shipping-steel-2023-04-11/> Japan's Mitsubishi UFJ Financial Group (8306.T) on Tuesday laid out emissions-cutting targets for lending to the real estate, steel and shipping sectors, and said emissions from its oil and gas business had fallen as loans were repaid.

IMF lowers global economic growth outlook as 'fog thickens'. *UN News*. 11 April 2023. Available from: <https://news.un.org/en/story/2023/04/1135517> Global inflation is also heading down, signalling that the tightening of monetary policy through major interest rate rises is bearing fruit, though more slowly than initially anticipated, said the IMF's Director of Research, from 8.7 percent last year to seven percent this year, and 4.9 percent in 2024.

Inspection row briefly halts UN's Black Sea grain corridor. Harry Papachristou. *TradeWinds*. 12 April 2023. Available from: <https://www.tradewindsnews.com/bulkers/inspection-row-briefly-halts-un-s-black-sea-grain-corridor/2-1-1432581> A UN-led safe corridor for the seaborne export of Ukrainian grain got stuck on Tuesday after Russian and Ukrainian inspectors vetting the ships in Istanbul disagreed on procedures.

UNCTAD calls for a bold international economic agenda to avert another lost decade for developing countries. *Nations Conference on Trade and Development (UNCTAD)*. 12 April 2023. Available from: <https://unctad.org/news/unctad-calls-bold-international-economic-agenda-avert-another-lost-decade-developing-countries> UNCTAD in its latest Trade and Development Report Update released on 12 April warns that developing countries are facing years of difficulty as the global economy slows down amid heightened financial turbulence. [Global Trends and Prospects - April Update](#) 📄

Kremlin warns outlook for Black Sea grain deal is 'not so great'. Guy Faulconbridge and Michelle Nichols. *Reuters*. 12 April 2023. Available from: <https://www.reuters.com/world/europe/kremlin-says-outlook-black-sea-grain-deal-is-not-so-great-2023-04-12/> The Kremlin warned on Wednesday that the outlook for extending a deal beyond May 18 that allows the safe wartime export of grain and fertilizer from several Ukrainian Black Sea ports was not great as Russia's own such exports still faced obstacles.

Russia accuses UN of twisting facts about implementation of grain deal. Elena Teslova. *Anadolu Agency (Türkiye)*. 13 April 2023. Available from: <https://www.aa.com.tr/en/russia-ukraine-war/russia-accuses-un-of-twisting-facts-about-implementation-of-grain-deal/2871215> Russia on Thursday accused the UN of distorting facts about the implementation of the Black Sea grain deal.

Boston Consulting Group: ESG ensures a holistic approach than simply addressing emissions related issues. Peter Jameson. *Safety4Sea*. 13 April 2023. Available from: <https://safety4sea.com/cm-boston-consulting-group-esg-ensures-a-holistic-approach-than-simply-addressing-emissions-related-issues/> In an exclusive interview to SAFETY4SEA, Mr Peter Jameson, Partner, Boston Consulting Group, highlights that ESG is more than just tackling with emissions.

How could the BBNJ Agreement affect the International Seabed Authority's Mining Code? Samantha Robb, Aline Jaeckel and Catherine Blanchard. *EJIL:Talk! Blog of the European Journal of International Law*. 13 April 2023. Available from: <https://www.ejiltalk.org/how-could-the-bbnj-agreement-affect-the-international-seabed-authoritys-mining-code/> On 4 March 2023, a new treaty text was finalized for an agreement on the conservation and sustainable use of marine biodiversity beyond national jurisdiction (BBNJ Agreement).

Ince sale marks fall of the world's most prestigious shipping law firm. David Osler. *Lloyd's List*. 13 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144690/> Two decades ago, Ince & Co was arguably London's - and by extension, the world's - most prestigious shipping law firm.

Landmark law saved whales through marine industries change. Patrick Whittle. *Associated Press*. 14 April 2023. Available from: <https://apnews.com/article/saving-whales-shipping-fishing-endangered-species-act-7de8ce9e3407182be3da3454779ae967> 📄 On a breezy spring day, scientists and conservationists methodically conducted experiments near 15 North Atlantic right whales that occasionally spouted and surfaced in a bay south of Boston.

No extension of grain deal without resolving systemic problems — Russian Foreign Ministry. TASS Russian News Agency. 14 April 2023. Available from: <https://tass.com/politics/1603557> Russia confirms its stance that without progress on resolving five systemic issues there can be no talk of the further extension of the grain deal after May 18, a statement by the Russian Foreign Ministry published on Thursday said.

UN chief raises concerns with Russia about Ukraine grain deal. Michelle Nichols. Reuters. 14 April 2023. Available from: <https://www.reuters.com/world/europe/un-chief-raises-concerns-with-russia-about-ukraine-grain-deal-2023-04-14/> U.N. Secretary-General Antonio Guterres has written to Russia, Ukraine and Turkey to raise concerns about the implementation of a deal that allows the safe wartime export of grain from several Ukrainian Black Sea ports, a U.N. spokesman said on Friday.

Africa's blue frontier: IOCAFRICA Member States convene to discuss ocean science contributions to advance a sustainable blue economy in the region. UNESCO. 14 April 2023. Available from: <https://ioc.unesco.org/news/africas-blue-frontier-iocafrika-member-states-convene-discuss-ocean-science-contributions> Member States to the Intergovernmental Oceanographic Commission for Africa and the Adjacent Island States (IOCAFRICA) convened on 15-17 March 2023 in Nairobi to review the Sub-Commission's activities for the 2021-2022 biennium and deliberate on the workplan for 2023-2025 in the context of a promising regional landscape for sustainability and the blue economy.

Explainer: What happens if Russia abandons the Black Sea grain deal? Nigel Hunt and Jonathan Saul. Reuters. 15 April 2023. Available from: <https://www.reuters.com/markets/commodities/what-happens-if-russia-abandons-un-backed-grain-corridor-2023-04-14/> The Kremlin has said the outlook is "not so great" for extending beyond May 18 a deal that allows the safe wartime export of grain from some Ukrainian Black Sea ports, raising concerns over what happens next with the U.N.-backed sea corridor.

G7 Climate, Energy and Environment Ministers' Communiqué. G7 2023 Hiroshima Summit. 16 April 2023. Available from: <https://www.meti.go.jp/information/g7hirosima/energy/pdf/G7MinistersCommunique2023.pdf>  We condemn Russia's illegal, unjustifiable, and unprovoked war of aggression against Ukraine, violation of the Charter of the United Nations and disregard to the impacts that its war is having on people worldwide.

G-7 vows to phase out fossil fuels, but sets no date for coal power. Kyodo News (Japan). 16 April 2023. Available from: <https://english.kyodonews.net/news/2023/04/dc2c72b450c2-g-7-to-agree-on-need-to-diversify-fuel-sources-push-decarbonization.html> Group of Seven environment and energy ministers vowed to accelerate the phase-out of natural gas and other fossil fuels to achieve net zero greenhouse gas emissions by 2050 but failed to set a clear deadline for ending coal power use after their two-day talks that ended Sunday.

Factbox: The main players in the push towards deep-sea mining. David Stanway. Reuters. 17 April 2023. Available from: <https://www.reuters.com/business/environment/main-players-push-towards-deep-sea-mining-2023-04-14/> Opponents of deep-sea mining are mobilising to stop a United Nations body from issuing the first licenses for the controversial practice later this year, saying not enough is known about the seabed environment or the impact that mining could have on marine ecosystems.

MPA and Shell Sign MoU to Accelerate Maritime Decarbonisation Efforts in Singapore.

Maritime and Port Authority of Singapore (MPA). 17 April 2023. Available from:

<https://www.mpa.gov.sg/media-centre/details/mpa-and-shell-sign-mou-to-accelerate-maritime-decarbonisation-efforts-in-singapore> The Maritime and Port Authority of Singapore (MPA) and Shell Eastern Trading Pte Ltd (Shell) signed a memorandum of understanding (MoU) to expand collaboration on the maritime decarbonisation efforts in Singapore.

Nigeria's future lies in Blue Economy – NIMASA DG. Amaka Anagor. *Business Day (Nigeria)*.

17 April 2023. Available from: <https://businessday.ng/news/article/nigerias-future-lies-in-blue-economy-nimasa-dg/> Director-General of the Nigerian Maritime Administration and Safety Agency (NIMASA), Bashir Jamoh, has said that Nigeria's vast under-utilised blue economy offers huge opportunities for growth and development and to overcome its present economic challenges.

The BBNJ Agreement: Links between the New and Existing Laws on Protecting Marine Biodiversity. Nguyen Thanh Trung. *National University of Singapore*. 17 April 2023. Available from:

<https://cil.nus.edu.sg/blogs/the-bbnj-agreement-links-between-the-new-and-existing-laws-on-protecting-marine-biodiversity/> The United Nations International Conference on Marine Biodiversity of Areas Beyond National Jurisdiction (BBNJ), led by Ambassador Rena Lee of Singapore, agreed on the draft text of a new agreement under the United Nations Convention on the Law of the Sea 1982 (UNCLOS) on the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction (the BBNJ Agreement).

Black Sea Grain Initiative facing ongoing disruption. Bridget Diakun. *Lloyd's List*. 17 April 2023.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144764/> Inspections under the Black Sea Grain Initiative have stalled over disagreements relating to vessel registration and inspection processes.

Ship It Zero Resolution Passes Long Beach City Council. *Ship it Zero*. 18 April 2023.

Available from: <https://shipitzero.org/ship-it-zero-long-beach-resolution/> The Long Beach City Council unanimously passed a Ship It Zero Resolution, 8-0, after the city attorney recommended that the council approve the resolution.

NATO Maritime Task Group flies the flag in Helsinki for the first time since Finland joins the alliance. *NATO Allied Maritime Command (MARCOM)*. 18 April 2023. Available from:

<https://mc.nato.int/media-centre/news/2023/nato-maritime-task-group-flies-the-flag-in-helsinki-for-the-first-time-since-finland-joins-the-alliance> On their first port visit to Finland since the country became the thirty-first member of the Alliance, ships from Standing NATO Maritime Group 1 (SNMG1) received a warm welcome as they arrived in the capital Helsinki.

NGOs sue Commission for 'absurd' inclusion of gas in EU green taxonomy. *EurActiv*.

18 April 2023. Available from: <https://www.euractiv.com/section/energy-environment/news/ngos-sue-commission-for-absurd-inclusion-of-gas-in-eu-green-taxonomy/> In a controversial move last year, the European Commission gave gas power plants a 'sustainable' label under the EU's green finance taxonomy, if they meet a strict CO2 emissions threshold.

Fit for 55: Parliament adopts key laws to reach 2030 climate target. *European Parliament.*

18 April 2023. Available from: <https://www.europarl.europa.eu/news/en/press-room/20230414IPR80120/> On Tuesday, Parliament approved the deals reached with EU countries in late 2022 on several key pieces of legislation that are part of the “Fit for 55 in 2030 package”.

European Parliament votes in favour of shipping quota system. Daniel Logan. *ShippingWatch.*

19 April 2023. Available from: <https://shippingwatch.com/regulation/article15621066.ece> From 2024, carriers will have to pay for their CO2 emissions, following the landslide approval of a new bill in the European Parliament.

New Oceaneye Partnership Brings Expansion to Microplastics Database. *US National*

Oceanic and Atmospheric Administration (NOAA). 19 April 2023. Available from: <https://www.ncei.noaa.gov/news/new-oceaneye-partnership-brings-expansion-microplastics-database> NOAA’s National Centers for Environmental Information (NCEI) and non-profit organization Oceaneye have created a partnership to improve and expand the Marine Microplastics database.

Ministry of Climate Change and Environment launches marine plastic waste monitoring programme. *Emirates News Agency (UAE).* 19 April 2023. Available from:

<https://wam.ae/en/details/1395303149611> The Ministry of Climate Change and Environment has launched an integrated programme to monitor plastic waste in the marine and coastal environment of the country, in line with its efforts to preserve marine resources, seawater quality, and beach cleanliness within the general framework of Year of Sustainability.

INC Secretariat Paper Outlines Options for Elements to Include in Plastics Treaty.

International Institute for Sustainable Development (IISD). 19 April 2023. Available from: <https://sdg.iisd.org/news/unep-paper-outlines-options-for-elements-to-include-in-plastics-treaty/> The Secretariat for the INC has published an advance version of a paper outlining elements that could potentially be included in an international plastics treaty currently under negotiation.

UN high seas treaty expected to be adopted in June. *Straits Times.* 19 April 2023. Available

from: <https://www.straitstimes.com/world/united-states/un-high-seas-treaty-expected-to-be-adopted-in-june> The United Nations has set dates in June to formally adopt the world body’s historic high seas treaty, following a General Assembly resolution agreed upon on Tuesday.

FMC commissioner warns of unintended consequences of forced labour law. Tomer Raanan.

Lloyd’s List. 19 April 2023. Available from: <https://lloydlist.maritimeintelligence.informa.com/LL1144788/> Compliance with a law prohibiting goods produced with forced labour from entering the US could unintentionally lead to supply chain disruptions, according to Federal Maritime Commissioner Carl Bentzel.

Ukraine Grain Corridor ‘Massively Disadvantageous’ for Black Sea Bunker Market: Sources.

Jack Jordan. *Ship & Bunker.* 20 April 2023. Available from: <https://shipandbunker.com/news/emea/663488> The ‘grain corridor’ scheme guaranteeing safe passage of Ukrainian agricultural export shipments is adding problems to an already depressed Black Sea bunker market, according to local sources.

Cruises not welcome here: Inside the European cities banning giant ships to curb overtourism. Rosie Frost. *Euronews.* 20 April 2023. Available from:

<https://www.euronews.com/travel/2023/04/20/cruise-ships-erosion-air-pollution-and-overtourism-are-driving-cities-towards-bans> Destinations struggling with overtourism are putting a stop to cruises docking.

FACT SHEET: President Biden to Catalyze Global Climate Action through the Major Economies Forum on Energy and Climate. *The White House*. 20 April 2023. Available from: <https://www.whitehouse.gov/briefing-room/statements-releases/2023/04/20/fact-sheet-president-biden-to-catalyze-global-climate-action-through-the-major-economies-forum-on-energy-and-climate/> Today, President Biden will convene leaders of the Major Economies Forum on Energy and Climate for the fourth time since taking office to galvanize efforts needed to tackle the climate crisis and keep a 1.5°C limit on warming within reach.

A Greener Voyage: the EU Emissions Trading Scheme finally given the all clear to set sail for maritime. *Watson Farley & Williams LLP*. 21 April 2023. Available from: <https://www.wfw.com/articles/a-greener-voyage-the-eu-emissions-trading-scheme-finally-given-the-all-clear-to-set-sail-for-maritime/> On 18 April 2023, the European Parliament voted in favour of the legislative amendments published on 8 February 2023 to the EU Emissions Trading Directive (the “Amendment”) to include the maritime sector in the EU’s Emissions Trading Scheme (“EU ETS”).

On Earth Day, oil-spill affected communities in Oriental Mindoro call for justice. *Rappler (Philippines)*. 22 April 2023. Available from: <https://www.rappler.com/nation/earth-day-oil-spill-affected-communities-oriental-mindoro-call-justice/> To mark Earth Day on Saturday, April 22, fisherfolk from oil-spill affected communities gathered in Pola, Oriental Mindoro, as they scored what they called government “inadequacy on one of the worst ecological disasters our country has faced.”

G7 calls for extension of Black Sea grain deal. *POLITICO*. 23 April 2023. Available from: <https://www.politico.eu/article/ukraine-russia-war-g7-calls-for-extension-of-black-sea-grain-deal/> The Group of Seven on Sunday called for the “extension, full implementation and expansion” of a grain deal that has been essential to export Ukrainian produce through the Black Sea.

The Pacific Community (SPC) and Aotearoa New Zealand sign a bold new deal to boost climate action across the Pacific. *Pacific Community (SPC)*. 24 April 2023. Available from: <https://www.spc.int/updates/news/media-release/2023/04/the-pacific-community-spc-and-aotearoa-new-zealand-sign-a-bold> The Pacific Community (SPC) and Aotearoa New Zealand have signed a bold new deal to boost climate action across the Pacific.

New Bill Seeks to Curb Anticompetitive Behaviour Among Ocean Carrier Alliances. Mike Schuler. *gCaptain*. 24 April 2023. Available from: <https://gcaptain.com/new-bill-seeks-to-curb-anticompetitive-behavior-among-ocean-carrier-alliances/> The “Ocean Shipping Competition Enforcement Act” (H.R.2710) was introduced by Representative John Garamendi (D-CA-08) and would allow the Federal Maritime Commission to block agreements among ocean carriers or marine terminal operators that are determined to be unreasonably anticompetitive without needing to first obtain a federal court order.

Pacific elders back Torres Strait climate action. Pita Ligaiula. *Fijian Broadcasting Corporation*. 24 April 2023. Available from: <https://pina.com.fj/2023/04/24/pacific-elders-back-torres-strait-climate-action/> The head of a Pacific elders body has backed a Torres Strait Islander-led push to hold the federal government accountable for its actions to tackle climate change.

Fuelling the Blue Economy. *US National Oceanic and Atmospheric Administration (NOAA).*

24 April 2023. Available from: <https://blog.response.restoration.noaa.gov/fueling-blue-economy>
Moving goods by sea is considered the most efficient form of commercial transport, and the carbon footprint of maritime shipping is substantially lower, per ton of cargo, compared with rail, truck, and air transport.

UN chief presents Putin with letter on new 'way forward' on Black Sea deal. Michael Gabriel Hernandez. *Anadolu Agency (Türkiye).* 25 April 2023. Available from:

<https://www.aa.com.tr/en/russia-ukraine-war/un-chief-presents-putin-with-letter-on-new-way-forward-on-black-sea-deal/2880523> UN Secretary-General Antonio Guterres has offered Russian President Vladimir Putin a new “way forward” to ensure the continued flow of Ukrainian grain from its Black Sea ports, his office said Monday.

IOPC commits to compensate Philippines for oil pollution damage. Isagani de Castro Jr.

Rappler (Philippines). 25 April 2023. Available from: <https://www.rappler.com/nation/oil-pollution-compensation-funds-commitment-philippine-pollution-damage/> The head of an international organization that assists countries faced with oil spills reiterated on Tuesday, April 25, its commitment to compensate victims of the disaster caused by the sinking of the oil tanker *MT Princess Empress*.

\$50-million Huntington Beach oil spill settlement wins final approval. *Los Angeles Times.*

25 April 2023. Available from: <https://www.latimes.com/socal/daily-pilot/news/story/2023-04-25/50-million-huntington-beach-oil-spill-settlement-wins-final-approval> A federal judge in Santa Ana signed off final approval of a \$50-million settlement of a class-action lawsuit involving the pipeline oil leak that gushed thousands of gallons of crude into the ocean off Huntington Beach in 2021.

'Fit for 55': Council adopts key pieces of legislation delivering on 2030 climate targets.

Council of the European Union. 25 April 2023. Available from:

<https://www.consilium.europa.eu/en/press/press-releases/2023/04/25/fit-for-55-council-adopts-key-pieces-of-legislation-delivering-on-2030-climate-targets/> The Council today adopted five laws that will enable the EU to cut greenhouse gas emissions within the main sectors of the economy, while making sure that the most vulnerable citizens and micro-enterprises, as well as the sectors exposed to carbon leakage, are effectively supported in the climate transition.

New CCS-partnership to boost CO2 trade. Jacob K. Clasen. *Danish Shipping.* 25 April 2023.

Available from: <https://www.danishshipping.dk/en/press/news/new-ccs-partnership-to-boost-co2-trade> At an event in the European Parliament, a coalition of companies, industry associations, and NGOs was announced with the aim of promoting the proliferation of CCS in Europe.

Fisherfolk affected by oil spill to get compensation. *Philippine Star.* 26 April 2023.

Available from: <https://www.philstar.com/headlines/2023/04/26/2261683/> Fisherfolk affected by the oil spill caused by the sinking of *M/T Princess Empress* in waters off Naujan, Oriental Mindoro will be getting compensation from the International Oil Pollution Compensation (IOPC) Funds.

Russian envoy says no breakthrough on grain deal, Ukraine says Moscow blocking ships.

Gabrielle Tétrault-Farber. *Reuters.* 26 April 2023. Available from:

<https://www.reuters.com/markets/commodities/russian-envoy-says-no-breakthrough-black-sea-grain-deal-2023-04-26/> Russia's envoy to the United Nations in Geneva on Wednesday said “no real progress” had been achieved in resolving issues raised by Moscow over the Black Sea grain deal, which is set to expire next month.

European Green Deal: new law agreed to cut aviation emissions by promoting sustainable aviation fuels. *European Commission*. 26 April 2023. Available from: https://ec.europa.eu/commission/presscorner/detail/en/ip_23_2389 Once in place, the new rules will help decarbonise the aviation sector by requiring fuel suppliers to blend sustainable aviation fuels (SAF) with kerosene in increasing amounts from 2025.

Iran army seizes offending ship sailing under Marshall Islands flag. *Islamic Republic News Agency - IRNA (Iran)*. 27 April 2023. Available from: <https://en.irna.ir/news/85094692/> The seizure came after an unknown tanker collided with an Iranian vessel late on Wednesday in the Persian Gulf, causing several Iranian crew members to go missing and get injured, Iran's Army said on Thursday.

European navies condemn tanker seizure as Chevron tries to resolve crisis. Gary Dixon. *TradeWinds*. 28 April 2023. Available from: <https://www.tradewindsnews.com/tankers/european-navies-condemn-tanker-seizure-as-chevron-tries-to-resolve-crisis/2-1-1442784> European navies patrolling the Strait of Hormuz have criticised Iran's seizure of a Swiss-controlled suezmax.

Iran not to allow any country to attack its merchant ships. *MEHR News Agency (Iran)*. 28 April 2023. Available from: <https://en.mehrnews.com/news/199988/> Speaking to Iran National TV channel 1, Deputy Chief of the Iranian Army for Coordination Rear Admiral Habibollah Sayyari said that in order to be able to use the resources and interests in waters and in order to be able to maintain its own security, Iran must have a presence everywhere in the sea.

MARINE TECHNOLOGY

Clarksons says alternative fuel ships account for 47 pct of orderbook, projects another 100 LNG carrier orders. Jasmina Ovcina Mandra. *Offshore Energy*. 31 March 2023. Available from: <https://www.offshore-energy.biz/clarksons-says-alternative-fuel-ships-account-for-47-pct-of-orderbook-projects-another-100-lng-carrier-orders/> Looking at the fleet profile, the shipbroker said that ECO ships constitute 30 percent of the global fleet capacity, with less than 25% fitted with energy-saving technology (EST).

Factbox: Carbon storage projects across Europe. *Reuters*. 31 March 2023. Available from: <https://www.reuters.com/markets/carbon/carbon-storage-projects-across-europe-2023-03-31/> Efforts to remove carbon dioxide (CO₂) emissions from industry and store them underground have gathered pace across Europe over the past few years as countries scramble to meet climate goals.

Digitalisation of Bunkering Working Group. *International Bunker Industry Association (IBIA)*. 3 April 2023. Available from: <https://ibia.net/digitalisation-of-bunkering-working-group/> Many stakeholders in the bunker value chain embrace the use of digital solutions and digitalization as a key component of executing their business.

Marine insurers support owners adopting alternative fuels. Megawati Wijaya. *Lloyd's List*. 4 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144596/> Marine insurance is generally supportive of shipping firms adopting alternative fuels, despite the risk this represents to insurers, according to one senior executive.

Key issues in LCA methodology for marine fuels. *International Council on Clean Transportation.* 4 April 2023. Available from: <https://theicct.org/publication/marine-lca-fuels-apr23/> The IMO is in the process of developing life-cycle analysis guidelines for fuels under its greenhouse gas (GHG) reduction strategy. [Report](#) 

LR and ICS enter partnership to invest in crew insight software. *International Chamber of Shipping (ICS).* 4 April 2023. Available from: <https://www.ics-shipping.org/press-release/lr-and-ics-enter-partnership-to-invest-in-crew-insight-software/> Lloyd's Register has acquired a 50% interest in ISF Watchkeeper, the leading work and rest hours compliance software solution from IT Energy Systems and Consulting Limited.

Ship emissions: New study shows scope for 'faster, better, cheaper' monitoring. *Plymouth Marine Laboratory (UK).* 11 April 2023. Available from: <https://www.pml.ac.uk/News/Ship-emissions-New-study-shows-scope-for-faster-be> Potential to increase ship emission monitoring to 100% coverage of the global ocean and attribute to individual ships.

Focus on marine: Hempel dives into sustainability collaboration. *Polymers Paint Colour Journal.* 12 April 2023. Available from: <https://www.polymerspaintyournal.com/focus-on-marine-hempel-dives-into-sustainability-collaboration/> Coatings manufacturer Hempel has recently joined the IMO's Global Industry Alliance (GIA) for Marine Biosafety, to work with industry to support its emissions reduction pathway and to mitigate against the spread of invasive species.

Carbon capture technology readiness points to potential route for emission reduction and increased vessel lifetime. *Lloyd's Register.* 13 April 2023. Available from: <https://www.lr.org/en/latest-news/technology-readiness-points-to-occus-as-potential-route-for-emission-reduction/> New report indicates adoption of Onboard Carbon Capture Systems (OCCUS) is dependent on the economic feasibility for maritime supply chain stakeholders. [Onboard carbon capture utilisation and storage A readiness assessment for the shipping industry](#) 

Saudi Arabia, Russia push for more World Bank money into carbon capture. Matteo Civillini. *Climate Home News.* 14 April 2023. Available from: <https://www.climatechangenews.com/2023/04/14/saudi-arabia-russia-push-for-more-world-bank-money-into-carbon-capture/> Speaking at a meeting of the World Bank's steering committee, Saudi Finance Minister Mohammed Al-Jadaan urged the World Bank to "take on a prominent role in promoting CCUS [carbon capture utilisation and storage]".

Reduce, remove and store: The role of carbon sequestration in accelerating Australia's decarbonisation. *Government of Australia.* 17 April 2023. Available from: <https://www.climatechangeauthority.gov.au/news/reduce-remove-and-store-role-carbon-sequestration-accelerating-australias-decarbonisation> Sequestration is a necessary part of any rapid, urgent decarbonisation, and the sequestration industry represents a huge opportunity for Australia if we get it right. [Insight paper](#) 

Shift Clean Energy Sees Near Doubling of Maritime Battery Systems by 2025. Jack Jordan. *Ship & Bunker.* 19 April 2023. Available from: <https://shipandbunker.com/news/world/572177> Vancouver-based Shift Clean Energy expects to see a near doubling of the number of battery systems installed on ships over the next two years.

Methanol as fuel heads for the mainstream in shipping. *DNV.* 20 April 2023. Available from: <https://www.dnv.com/expert-story/maritime-impact/Methanol-as-fuel-heads-for-the-mainstream-in-shipping.html> A growing order book for methanol-fuelled ships shows that the shipping industry sees methanol as a promising alternative fuel.

Faster pace of maritime digitalisation needed to meet decarbonisation challenge. Marcus Hand. *Seatrade Maritime News*. 25 April 2023. Available from: <https://www.seatrade-maritime.com/technology/faster-pace-maritime-digitalisation-needed-meet-decarbonisation-challenge>
In a keynote address to the Marinotech Conference in Singapore Maritime Week, Holm, who is also an Executive Vice President of Wärtsilä said the key was to combine the decarbonisation journey with financial viability.

Interview: CEO Søren Toft Sets Out MSC's View on Future Fuels. Jack Jordan. *Ship & Bunker*. 25 April 2023. Available from: <https://shipandbunker.com/news/world/807156> MSC, the world's largest shipping company, is starting to set out in more detail how it will handle the energy transition over the next few decades.

Carbon dioxide removal: the tech that is polarising climate science. Fiona Harvey. *The Guardian*. 25 April 2023. Available from: <https://www.theguardian.com/environment/2023/apr/25/carbon-dioxide-removal-tech-polarising-climate-science> Carbon dioxide removal (CDR) technologies, which provide a means of sucking carbon out of the atmosphere, are one of the hottest areas of climate research, but also the most controversial.

ECA, ETS to drive up Mediterranean biofuels demand. Stefka Wechsler. *Argus Media*. 26 April 2023. Available from: <https://www.argusmedia.com/en/news/2443320-eca-ets-to-drive-up-mediterranean-biofuels-demand> Demand for biofuels for bunkering in the Mediterranean could be driven up in 2025 by the region becoming a sulphur oxide Emission Control Area (ECA) and vessels in EU territorial waters having to pay for 70pc of their CO2 emissions.

High costs, lack of available technology among challenges facing maritime sector in decarbonisation pursuit. Fabian Koh. *Channel News Asia*. 26 April 2023. Available from: <https://www.channelnewsasia.com/singapore/high-costs-lack-available-technology-among-challenges-facing-maritime-sector-decarbonisation-pursuit-3445126> High costs and the lack of available technology are among challenges facing the maritime industry in its pursuit of its decarbonisation targets, said experts.

Rapid growth of AI and Autonomy accompanied by assurance challenges. *Lloyd's Register*. 26 April 2023. Available from: <https://www.lr.org/en/latest-news/rapid-growth-of-ai-and-autonomy-accompanied-by-assurance-challenges> A new report from Lloyd's Register (LR) and maritime innovation consultancy Thetius advocates investment to improve the understanding of AI at all levels within maritime organisations and outlines the value of including AI and Autonomy at board level, alongside workforce education and training to raise awareness of safety and regulations of advanced technology.

MARITIME EDUCATION & TRAINING

Maritime transport: Commission continues to recognise Filipino seafarer's certificates.

European Commission. 31 March 2023. Available from: https://transport.ec.europa.eu/news-events/news/maritime-transport-commission-continues-recognise-filipino-seafarers-certificates-2023-03-31_en Today, the European Commission has decided to continue recognising certificates for seafarers issued by the Philippines, one of the world's largest maritime labour supply countries.

Authorities eye curriculum improvements, assistance to seafarers to improve PH maritime industry.

CNN Philippines. 7 April 2023. Available from: <https://www.cnnphilippines.com/news/2023/4/7/PH-govt-maritime-industry-improvements.html> Curriculum evaluation and assistance to seafarers were some of the programs discussed by authorities during a recent interagency meeting to address the deficiencies raised by the European Commission and enhance the country's maritime industry, the Department of Transportation (DOTr) said.

Kazakhstan's Maritime Academy Marks 10th Anniversary, Seeks to Enhance Professional Development.

Astana Times (Kazakhstan). 10 April 2023. Available from: <https://astanatimes.com/2023/04/kazakhstans-maritime-academy-marks-10th-anniversary-seeks-to-enhance-professional-development/> The Kazakh-British Technical University (KBTU) hosted an event to mark the 10th anniversary of the Kazakhstan Maritime Academy (KMA) in Almaty on April 7, reported the university's press service.

Hafnia wants equal gender distribution on four ships: "It's a challenge in some countries".

Astrid Sturlason. *ShippingWatch*. 13 April 2023. Available from: <https://shippingwatch.com/carriers/Tanker/article15595964.ece> Tanker operator Hafnia has set a goal that aims to attract more women to careers at sea.

Unions welcome 50,000 Filipino jobs saved as EU makes right call on seafarer training certificates.

International Transport Workers' Federation (ITF). 14 April 2023. Available from: <https://www.itfglobal.org/en/news/unions-welcome-50000-filipino-jobs-saved-eu-makes-right-call-seafarer-training-certificates> Unions are welcoming a decision from the EU maritime watchdog which avoids up to 50,000 Philippines-certified crew being barred from working aboard European-owned ships.

CMU taps Guyana for growth.

Dashan Hendricks. *Jamaica Observer*. 14 April 2023. Available from: <https://www.jamaicaobserver.com/business/cmu-taps-guyana-for-growth/> The Caribbean Maritime University (CMU) has become the latest Jamaican entity to tap opportunities in oil-rich Guyana, signing a five-year memorandum of understanding (MOU) with the University of Guyana under which joint programmes are to be offered to train the labour force for the jobs of the future.

MoU with Italian Merchant Marine Academy Foundation.

World Maritime University (WMU). 20 April 2023. Available from: <https://www.wmu.se/news/mou-with-italian-merchant-marine-academy-foundation> On 20 April, a new Memorandum of Understanding (MoU) was signed between the World Maritime University (WMU) and the Italian Merchant Marine Academy Foundation (FAIMM) at the Arenzano headquarters, at Villa Figoli des Geneys.

The maritime communication revolution. *Nautilus International*. 21 April 2023. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/the-maritime-communication-revolution/> Now, with huge changes to maritime jobs on the horizon, good communication skills are more important than ever, argues Catherine Logie – and we all need to brush up on these, whatever our native language.

Scoping the maritime skills transition. Gavin Lipsith. *Fathom.World*. 22 April 2023. Available from: <https://fathom.world/scoping-the-maritime-skills-transition/> The industry is rapidly becoming familiar with a huge skills challenge around new technology.

Another giant leap into space: Successful launch of Lumelite-4 to enhance maritime communications. *National University of Singapore*. 22 April 2023. Available from: <https://news.nus.edu.sg/successful-launch-of-lumelite-4-to-enhance-maritime-communications/>  The microsatellite will test the VDES technology for potential maritime applications, such as real-time maritime traffic and asset tracking for better predictive analysis, as well as secured and reliable ship-to-ship or ship-to-port communication.

Filipino sailors cleared to serve on Canadian-flagged vessels for first time. Paul Withers. *Canadian Broadcasting Corporation (CBC)*. 23 April 2023. Available from: <https://www.cbc.ca/news/canada/nova-scotia/filipino-sailors-cleared-to-serve-canadian-flagged-vessels-1.6818902> Canada and the Philippines have signed a deal that clears the way for Filipino sailors to crew Canadian-flagged vessels for the first time.

World Maritime University and the OECS Work Together to Advance the Blue Economy. *Organisation of Eastern Caribbean States (OECS)*. 25 April 2023. Available from: <https://pressroom.oecs.org/world-maritime-university-and-the-oecs-work-together-to-advance-the-blue-economy#> The OECS, in collaboration with the World Maritime University (WMU), led by the WMU – Sasakawa Global Ocean Institute team based in Malmö Sweden, conducted a Marine Spatial Planning (MSP) Workshop in Saint Lucia from April 3-5, 2023.

How schools and industry are working together for the future of Europe's blue economy. Denis Loctier. *Euronews*. 25 April 2023. Available from: <https://www.euronews.com/green/2023/04/25/how-schools-and-industry-are-working-together-for-the-future-of-europes-blue-economy>  In this latest episode of Ocean, we explore how schools and industry are working closely together to ensure Europe's maritime sector is better prepared for the challenges ahead.

Maritime industry large enough to engage youths, says Jamoh. *Ships & Ports*. 26 April 2023. Available from: <https://shipsandports.com.ng/maritime-industry-large-enough-to-engage-youths-says-jamoh/> The Director-General of the Nigerian Maritime Administration and Safety Agency (NIMASA), Dr. Bashir Jamoh, has said the maritime industry is large enough to adequately engage the teeming youths in the country.

Implement onshore training to create a shipping industry that is inclusive for women: Analyst. *Channel News Asia*. 28 April 2023. Available from: <https://www.channelnewsasia.com/watch/implement-onshore-training-create-shipping-industry-inclusive-women-analyst-3450531>  CNA's Steve Lai breaks down the issues of diversity and inclusion in the maritime industry with Su Yin Anand, Co-chair of the All Aboard Alliance.

MARITIME SAFETY

Lithium-ion battery fires – industry guidance and conference address risks. Mark Russell. *Gard*. 30 March 2023. Available from: <https://www.gard.no/web/articles?documentId=35150780>
In certain circumstances ignition may be delayed and the potential for a vapour cloud explosion may be created, which can be more damaging than a fire.

UN Maritime Body Raises Concern About Shadow Fleet of Tankers. Alaric Nightingale and Thomas Gualtieri. *Bloomberg*. 31 March 2023. Available from: <https://www.bnnbloomberg.ca/un-maritime-body-raises-concern-about-shadow-fleet-of-tankers-1.1903195> A United Nations agency that oversees shipping raised concerns about the shadow fleet of tankers that has emerged to transport oil amid sanctions, calling for more steps to boost safety.

Spain will present a draft resolution at the next IMO assembly on STS transfers on the high seas. David Rodriguez. *Naucher Global (Spain)*. 31 March 2023. Available from: <https://www.naucher.com/espana-presentara-un-proyecto-de-resolucion-en-la-proxima-asamblea-de-la-omi-sobre-los-trasvases-sts-en-alta-mar/> In the 110th session of the legal committee of the International Maritime Organization (IMO), held in London this week, the consequences and concerns regarding the global liability and compensation regime resulting from the increase in shipments have been discussed. ship-to-ship on the high seas based on a proposal submitted by Australia, Canada and the States.

Northern Ireland Set to Improve Fishing Safety & Supply Chain Transparency. *Seafarers' Charity*. 31 March 2023. Available from: <https://www.theseafarerscharity.org/news/northern-ireland-set-to-improve-fishing-safety-supply-chain-transparency> The Northern Ireland Fishing First project is set to benefit fishing vessel owners and crew in Northern Ireland.

Lifeboat cable breaks on new P&O 'superferry'. *ITV News (UK)*. 4 April 2023. Available from: <https://www.itv.com/news/2023-04-04/lifeboat-cable-breaks-on-new-p-and-o-superferry> A new £100m 'superferry' owned by P&O is undergoing repairs in Northern France after an accident during a safety drill at sea.

The legal pitfalls of befriending stowaways. Simon Hodgkinson. *Splash 247.com*. 5 April 2023. Available from: <https://splash247.com/the-legal-pitfalls-of-befriending-stowaways/> A male stowaway discovered on the *Iraklis* freighter before its arrival at Gijon, Spain, in late March 2023 may have tried convincing the crewmembers that found him not to alert the ship's captain.

Cape Verde Becomes the Latest Location for Russian Oil Switching. Julian Lee. *Bloomberg*. 17 April 2023. Available from: <https://www.bnnbloomberg.ca/cape-verde-becomes-the-latest-location-for-russian-oil-switching-1.1908475> A cargo of Russian crude oil is being switched between tankers to the north of the Cape Verde islands in the Atlantic ocean, suggesting new locations are being sought for an activity that has caused concern among regulators.

New MTF report highlights importance of closing safety gaps when operating with alternative fuels. *Lloyd's Register*. 20 April 2023. Available from: <https://www.lr.org/en/latest-news/report-highlights-importance-of-closing-gaps-to-safely-scale-operating-with-alternative-fuels/> The Maritime Technologies Forum (MTF), in association with Lloyd's Register (LR), has released a new report on current gaps in operational management practices and crew training requirements and issued recommendations on how to close those gaps to accelerate safe maritime decarbonisation.

Operational management to accelerate safe maritime decarbonisation. *Maritime Technologies Forum (MTF)*. 20 April 2023. Available from: <https://www.marimetechologiesforum.com/documents/report-2023-04-20-MTF-operational-management.pdf> The Maritime Technologies Forum (MTF) is a group of flag States and classification societies which aims to bridge the gap between technological progress and regulatory process.

Maritime safety: Council adopts legislation for safer journeys with ferries in Europe.

Council of the European Union. 25 April 2023. Available from:

<https://www.consilium.europa.eu/en/press/press-releases/2023/04/25/maritime-safety-council-adopts-legislation-for-safer-journeys-with-ferries-in-europe/>

The Council adopted today a new law to improve stability requirements for the so-called 'ro-ro' (roll-on/roll-off) passenger ships, known as ferries. [New Directive](#) 

North Korea tells IMO: We won't warn shipping about missile tests.

Paul Peachey. *TradeWinds.* 25 April 2023. Available from: <https://www.tradewindsnews.com/tankers/north-korea-tells-imo-we-won-t-warn-shipping-about-missile-tests/2-1-1440418> North Korea has rejected the latest demands at the International Maritime Organization to end unannounced missile launches across international shipping lanes.

Indonesia discusses maritime safety in Malacca, Singapore Straits.

Antara News (Indonesia). 26 April 2023. Available from: <https://en.antaranews.com/news/279813/> The Indonesian government and the governments of Malaysia, Singapore, and Japan are attending a meeting in Singapore, April 26 to April 27, to discuss maritime safety in the straits of Malacca and Singapore.

MARITIME SECURITY

Maritime Security To Enhance Surveillance In Blue Spaces.

Sadik Hassan. *Kenya News Agency (KNA).* 1 April 2023. Available from: <https://www.kenyanews.go.ke/maritime-security-to-enhancing-surveillance-in-blue-spaces/> The government has brought back the National Maritime Security Committee to enhance security surveillance in Kenya's blue spaces.

War in Yemen and risks to shipping. Shaun Robertson. *Splash 247.com.* 3 April 2023. Available from: <https://splash247.com/war-in-yemen-and-risks-to-shipping/> Despite the removal of the Indian Ocean high-risk piracy area at the beginning of 2023, security in the area is at risk from other threats.

NATO's Operation Sea Guardian supported by Albania for the first time.

NATO Allied Maritime Command (MARCOM). 6 April 2023. Available from: <https://mc.nato.int/media-centre/news/2023/natos-operation-sea-guardian-supported-by-albania-for-the-first-time> Maritime Patrol Aircraft and Airborne Early Warning Aircraft from Greece, Italy and Türkiye were in support of *HRV Dubrovnik* and *ALS Lissus*.

Four Sri Lankan Stowaways Caught Dressed as Crew on CMA CGM Boxship.

Maritime Executive. 12 April 2023. Available from: <https://www.maritime-executive.com/article/four-sri-lanka-stowaways-caught-dressed-as-crew-on-cma-cgm-boxship> Four Sri Lankan men are now in custody after they were sent home after stowing away on a containership.

Royal Navy Led International Force continues to deliver Maritime Security during focused operations. *Royal Navy.* 14 April 2023. Available from: <https://www.royalnavy.mod.uk/news-and-latest-activity/news/2023/april/14/20230414-rn-led-international-force-continues-to-deliver-maritime-security-during-focused-operations> Royal Navy led Combined Task Force 150 (CTF 150) has continued to deliver ongoing maritime security operations in the Northern Indian Ocean and Gulf of Oman during a period of focused operations.

Japan donates patrol vessels to enhance surveillance.

Kenya News Agency (KNA). 20 April 2023. Available from: <https://www.kenyanews.go.ke/japan-donates-patrol-vessels-to-enhance-surveillance/> The Government of Japan has donated six patrol vessels worth Sh.306 million to the State Department of Blue Economy and Fisheries to enhance surveillance and combat illegal, unreported and unregulated fishing in Kenya's territorial waters.

EMSA remotely piloted aircraft flying over North Sea for enhanced maritime surveillance in support of Danish Authorities. *European Maritime Safety Agency (EMSA)*. 21 April 2023. Available from: <https://www.emsa.europa.eu/newsroom/press-releases/item/4940> EMSA RPAS operational flights started in mid-April delivering enhanced maritime surveillance capabilities over the North Sea region in support of coast guard functions.

Mass irregular migration poses growing maritime security challenge for Europe [Naval Gazing]. Trevor Hollingsbee. *Baird Maritime*. 24 April 2023. Available from: <https://www.bairdmaritime.com/work-boat-world/maritime-security-world/naval/column-mass-irregular-migration-poses-growing-maritime-security-challenge-for-europe-naval-gazing/> The safety and political ramifications of the large numbers of irregular migrants travelling by small boats from the French coast to England continues to attract a great deal of media coverage.

All efforts needed to tackle Gulf of Guinea maritime threats—President Akufo-Addo Urges. Rex Mainoo Yeboah. *Ghana Today*. 25 April 2023. Available from: <https://ghanatoday.gov.gh/news/all-efforts-needed-to-tackle-gulf-of-guinea-maritime-threats-president-akufo-addo-urges/> President Nana Addo Dankwa Akufo-Addo has called for an enhanced cooperation among member countries of the Gulf of Guinea to address the growing threats and insecurity in the bloc's maritime environment.

Marine underwriters list Sudan as high-risk area after Joint War Committee meeting. Michelle Wiese Bockmann. *Lloyd's List*. 26 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144883> London insurers have added Sudan to their list of high-risk areas, after a meeting of the Lloyd's and International Underwriting Association's Joint War Committee.

EU Space at the heart of the EU Maritime Security Strategy. *European Union Agency for the Space Programme (EUSPA)*. 27 April 2023. Available from: <https://www.euspa.europa.eu/newsroom/news/eu-space-heart-eu-maritime-security-strategy> Home to over 300 of the world's main seaports and nearly 30% of the global merchant fleet, maritime transportation plays a big role in the European economy.

MIGRANTS

Two migrants dead, 20 missing in Mediterranean after boat sinks. *France 24*. 10 April 2023. Available from: <https://www.france24.com/en/africa/20230409-two-migrants-dead-20-missing-in-mediterranean-after-boat-sinks> At least two migrants have died and around 20 others are missing after their vessel sank in the Mediterranean between Tunisia and Italy, German aid group ResQship told AFP Sunday.

Central Mediterranean: Deadliest first quarter for migrant deaths in six years. *UN News*. 12 April 2023. Available from: <https://news.un.org/en/story/2023/04/1135577> IOM's Missing Migrants Project documented 441 deaths during this period but the true toll is likely to be higher.

Italy declares state of emergency over migrant crossings surge. *France 24*. 12 April 2023. Available from: <https://www.france24.com/en/europe/20230412-italy-declares-state-of-emergency-over-migrant-crossings-surge> Italy's cabinet on Tuesday announced a state of emergency on immigration following a "sharp rise" in flows across the Mediterranean, a statement said, in a move aimed at better management of migrant arrivals and repatriation facilities.

Dozen of migrants rescued from small boats arrive in Italian ports. *Euronews*. 23 April 2023. Available from: <https://www.euronews.com/2023/04/23/dozen-of-migrants-rescued-from-small-boats-arrive-in-italian-ports> Dozens of desperate migrants, who risked their lives to cross the Mediterranean in small boats, have arrived in Italy's ports over the weekend.

Italy: Rescued migrants disembark from *Humanity 1* in Ravenna. *InfoMigrants*. 27 April 2023. Available from: <https://www.infomigrants.net/en/post/48511/italy-rescued-migrants-disembark-from-humanity-1-in-ravenna> A group of 69 migrants and refugees disembarked from the NGO ship *Humanity 1* in Ravenna, northern Italy, this week.

NAVIGATION & COMMUNICATIONS

AD Ports Group Invests in Latest VTMS Technology to Enhance Maritime Safety and Efficiency. *AD Ports Group (UAE)*. 31 March 2023. Available from: <https://www.adportsgroup.com/en/news-and-media/2023/03/31/ad-ports-group-invests-in-latest-vmis-technology-to-enhance-maritime-safety-and-efficiency> AD Ports Group is to implement a state-of-the-art Vessel Traffic Management Information System (VTMS) across its UAE operations, as the company continues to invest in innovative solutions to drive safety, security and efficiency.

The Documentary - Deep Waters: Sanctions and the new 'dark' fleet. *BBC World Service*. 4 April 2023. Available from: <https://www.bbc.co.uk/sounds/play/w3ct5f3d> How sanctions on Russian oil have increased the world's secretive "dark fleet"

Suez Canal navigation unaffected by friction accident between two tankers. *Egypt Independent*. 5 April 2023. Available from: <https://www.egyptindependent.com/suez-canal-navigation-unaffected-by-friction-accident-between-two-tankers/> The Chairman of the Suez Canal Authority Osama Rabie announced Tuesday that navigation in the canal has not been impacted by a friction accident between the *LYRIC MAGNOLIA* and the *ALIGOTE* tanker in the Great Lakes region.

First cruise-led green corridor details its action plan. *Seatrade Cruise News*. 7 April 2023. Available from: <https://www.seatrade-cruise.com/environmental-health/first-cruise-led-green-corridor-details-its-action-plan> The 14 first movers - cruise ports, cruise lines and knowledge partners - aim to decarbonize the shipping routes between Alaska, British Columbia and Washington, with an initial focus on cruise ship operations.

MSIB: Reduced Visibility from the Navigation Bridge. *US Coast Guard Maritime Commons*. 10 April 2023. Available from: <https://mariners.coastguard.blog/2023/04/10/msib-reduced-visibility-from-the-navigation-bridge/> The Coast Guard Inspections and Compliance Directorate has released Marine Safety Information Bulletin 04-23, to advise mariners that an increasing number of break-bulk and retrofitted bulk carriers are arriving in the U.S. carrying wind turbine parts stowed in a manner that substantially limits visibility from the navigation bridge.
[Marine Safety Information Bulletin: MSIB 04-23](#)

Spanish NGO warns of continued bunkering ops by Russian ships. *Manifold Times (Singapore)*. 11 April 2023. Available from: <https://www.manifoldtimes.com/news/spanish-ngo-warns-of-continued-bunkering-ops-by-russian-ships/> Ecologists in Action, a Spanish confederation of more than 300 environmental groups, on Saturday (8 April) warned about the continuation of bunkering operations by Russian ships off the coast of Ceuta, Spain.

European Space Agency Explores Satellites to Enable Autonomous Ships. *Maritime Executive*. 11 April 2023. Available from: <https://maritime-executive.com/article/european-space-agency-explores-satellites-to-enable-autonomous-ships> The European Space Agency is joining the efforts to support the transition of shipping toward autonomous shipping.

Can Space Agencies Boost Autonomous Shipping? John Konrad. *gCaptain*. 12 April 2023. Available from: <https://gcaptain.com/can-space-agencies-boost-autonomous-shipping/> As the global community strives to achieve the United Nations' Sustainable Development Goals (SDGs) by 2030, sustainable shipping emerges as a critical area of focus.

Bunker One and Peninsula choose different paths on tankers carrying Russian oil through the Baltic Sea. Niklas Krigslund. *ShippingWatch*. 13 April 2023. Available from: <https://shippingwatch.com/regulation/article15598549.ece> Bunker One and Stena Oil refuse to deliver fuel to ships that transport Russian oil.

Unmanned Surface Vessel Transits Strait of Hormuz with U.S. Coast Guard. *Defence Visual Information Distribution Service (DVIDS)*. 19 April 2023. Available from: <https://www.dvidshub.net/news/442887/> An unmanned surface vessel from U.S. 5th Fleet transited the Strait of Hormuz with two U.S. Coast Guard cutters, April 19, demonstrating the continued operational integration of unmanned and artificial intelligence systems by U.S. maritime forces in the Middle East.

Global shipping companies recognized for reducing speeds off California coast to protect blue whales and blue skies. *Protecting Blue Whales and Blue Skies*. 19 April 2023. Available from: <https://www.bluewhalesblueskies.org/global-shipping-companies-reduced-speeds-2023> Twenty three shipping companies participated in Protecting Blue Whales & Blue Skies vessel speed reduction program in 2022, contributing to cleaner air, safer whales, and a quieter ocean.

Russia to boost grain shipments from illegally occupied port in Sea of Azov. Bridget Diakun. *Lloyd's List*. 20 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144823/> Russia plans to increase exports from the occupied port of Berdyansk, one of the key sites the Ukrainian government insists is illegally exporting Ukrainian grain from occupied territories.

Shifty shades of grey: The different risk profiles of the dark fleet explained. Michelle Wiese Bockmann. *Lloyd's List*. 21 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144787/> The "dark fleet" moniker first evolved more than three years ago, after tankers were observed switching off their vessel-tracking transponders to avoid detection and obfuscate the origin and destination of US-sanctioned oil they carried.

Iran navy seizes tanker near Oman that was on way to Houston. *Associated Press*. 28 April 2023. Available from: <https://apnews.com/article/iran-us-navy-oil-tanker-advantage-057155f4d9caf92131533fe90f94a3a0> Iran's navy seized a Marshall Islands-flagged oil tanker in the Gulf of Oman on Thursday heading to the U.S. amid wider tensions over Tehran's nuclear program, the latest such capture in a waterway crucial for global energy supplies.

US demands Iran release oil tanker seized in Gulf of Oman. Megan Howard, Anthony Di Paola and Nick Wadhams. *ShippingWatch*. 28 April 2023. Available from: <https://shippingwatch.com/carriers/Tanker/article15702471.ece> The US demanded that Iran release an oil tanker hauling crude through the Gulf of Oman, the latest flare-up in one of the world's important waterways.

PIRACY

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

Danish Shipping calls for European navy coordination to fight West African piracy. *Hellenic Shipping News*. 3 April 2023. Available from: <https://www.hellenicshippingnews.com/danish-shipping-calls-for-european-navy-coordination-to-fight-west-african-piracy/> There is a need for renewed attention and action to fight piracy in West Africa in the light of the ongoing hijacking of Danish bunker supplier Monjasa's tanker off Pointe Noire in Congo this week, Danish Shipping says.

Evergreen seafarer tied up by robbers in raid off the Philippines. Gary Dixon. *TradeWinds*. 10 April 2023. Available from: <https://www.tradewindsnews.com/containerships/evergreen-seafarer-tied-up-by-robbers-in-raid-off-the-philippines/2-1-1431902> An Evergreen Marine container ship crew member was seized by criminals during a robbery off the Philippines.

Ongoing Incident: Pirates Board Another Tanker off Cote d'Ivoire. *Maritime Executive*. 10 April 2023. Available from: <https://maritime-executive.com/article/ongoing-incident-pirates-board-another-tanker-off-cote-d-ivoire> Security services issued a warning at midday for an ongoing piracy incident on another product tanker this time in the northern reaches of the Gulf of Guinea near Cote d'Ivoire.

Hijacked tanker still missing as appeal goes out to masters for help. Gary Dixon. *TradeWinds*. 12 April 2023. Available from: <https://www.tradewindsnews.com/tankers/hijacked-tanker-still-missing-as-appeal-goes-out-to-masters-for-help/2-1-1432952> A Singapore-flag bunker tanker boarded by pirates in the Gulf of Guinea has still not been located two days after it was seized.

Singaporean among crew on Singapore-registered tanker boarded by 'unidentified persons' off Ivory Coast. *Channel News Asia*. 12 April 2023. Available from: <https://www.channelnewsasia.com/singapore/ship-boarded-singapore-ivory-coast-cote-cote-dlvoire-success-9-3411036> A Singapore-registered oil tanker was boarded by "unidentified persons" off Ivory Coast at about 10pm (Singapore time) on Monday (Apr 10), the Maritime and Port Authority (MPA) said late on Tuesday.

Nigerian Navy intensifies effort to locate ship hijacked in Gulf of Guinea. *Ships & Ports*. 12 April 2023. Available from: <https://shipsandports.com.ng/nigerian-navy-intensifies-effort-to-locate-ship-hijacked-in-gulf-of-guinea/> The Nigerian Navy said it is intensifying operations through the Maritime Domain Awareness for Trade – Gulf of Guinea (MDAT-GoG) to locate a tanker boarded by pirates in the Gulf of Guinea three weeks after the hijacking of a tanker named *MT Monjasa Reformer* on the high sea.

IMB records lowest level of Q1 piracy since 1993 in 2023 report. *ICC International Maritime Bureau (IMB)*. 13 April 2023. Available from: <https://www.icc-ccs.org/index.php/1329-imb-records-lowest-level-of-q1-piracy-since-1993-in-2023-report> The ICC International Maritime Bureau (IMB) calls for continued, robust and coordinated regional and international naval presence to act as a deterrent to prevent and respond to piracy.

Shipowner has no contact with tanker boarded by pirates. Dag Holmstad. *ShippingWatch*. 14 April 2023. Available from: <https://shippingwatch.com/carriers/article15601660.ece> It's not possible to establish contact to tanker *Success 9* and its 20 crew members.

Chief of Naval Staff rejects IMB's piracy and armed robbery in Ghana claims. *Modern Ghana*. 15 April 2023. Available from: <https://www.modernghana.com/news/1224647/chief-of-naval-staff-rejects-imbs-piracy-and-armed-robbery-in-ghana-claims.html> The Chief of the Naval Staff of the Ghana Armed Forces, Rear Admiral Issah Adam Yakubu, has strongly refuted claims made by a Malaysian-based international maritime setup, that sought to portray Ghana as one of the countries that recorded the highest number of piracy incidents in 2022.

Norway, Nigeria meet on maritime security as pirates return to GoG. Adaku Onyenucheya. *Guardian (Nigeria)*. 19 April 2023. Available from: <https://guardian.ng/business-services/norway-nigeria-meet-on-maritime-security-as-pirates-return-to-gog/> The recent pirate attacks in the Gulf of Guinea (GoG) have raised fresh global concern about the resurgence of the menace that costs the region about \$1.9 billion yearly financial loss.

Piracy in Asian waters likely to rise due to global economic uncertainty. *Straits Times*. 27 April 2023. Available from: <https://www.straitstimes.com/singapore/piracy-in-waters-near-singapore-likely-to-rise-due-to-global-economic-uncertainty-experts> Economic uncertainty in many parts of the world is likely to fuel a rise in piracy attacks in Asian waters, said experts.

PORT STATE CONTROL

Foreign flagged ships detained in the UK during March 2023 under Paris MOU. *UK Maritime & Coastguard Agency*. 12 April 2023. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-march-2023-under-paris-mou> The Maritime and Coastguard Agency (MCA) announced today that three foreign flagged ship remained under detention in UK ports at the end of March after failing Paris MOU Port State Control (PSC) inspection.

Neptune Indicator suggests crew change situation remains stable. *Global Maritime Forum*. 24 April 2023. Available from: <https://www.globalmaritimeforum.org/press/neptune-indicator-suggests-crew-change-situation-remains-stable> Well into 2023, the Neptune Declaration Crew Change Indicator suggests that the crew change situation is slowly returning to the pre-covid normal. [Crew Change Indicator Q1 2023](#) 📄

PORTS & HARBOURS

Container cranes lag container ships by a generation. Gary Howard. *Seatrade Maritime News*. 31 March 2023. Available from: <https://www.seatrade-maritime.com/ports/container-cranes-lag-container-ships-generation> Speaking at CMA Shipping 2023 last week, Shmuel Yahalom, Ph.D., Distinguished Service Professor of Economics and Transportation at SUNY Maritime College said that each recent generation of container ships has added 2.5m in beam, the width of a container, as container lines seek economies of scale on the water.

Port of New York and New Jersey Regains Top Spot as Busiest Port in Nation. *Port Authority of New York and New Jersey*. 3 April 2023. Available from: <https://www.panynj.gov/port-authority/en/press-room/press-release-archives/2022-press-releases1/port-of-new-york-and-new-jersey-regains-top-spot-as-busiest-port.html> The Port Authority of New York and New Jersey today announced that the Port of New York and New Jersey moved the most cargo in the nation in February 2023 and year-to-date in 2023.

Nigerian ports lead stowaway embarkations list in Africa. Adaku Onyenucheya. *Guardian (Nigeria)*. 05 April 2023. Available from: <https://guardian.ng/business-services/nigerian-ports-lead-stowaway-embarkations-list-in-africa/> The Norway-based marine insurer and International Group Club, Gard, has listed Lagos ports and others in the continent as hot spots for stowaway embarkations, though with a relative decrease in the incidents.

B.C. commits \$9M to deliver clean power to Victoria's harbour in hopes of reducing cruise ship emissions. *Canadian Broadcasting Corporation (CBC)*. 5 April 2023. Available from: <https://www.cbc.ca/news/canada/british-columbia/bc-commits-9m-to-shore-power-victoria-harbour-1.6803090> Transportation minister says the goal is to have cruise ships plug in and turn off their engines while in port.

New Modus Operandi: How organised crime infiltrates the ports of Europe. *EUROPOL*. 5 April 2023. Available from: <https://www.europol.europa.eu/media-press/newsroom/news/new-modus-operandi-how-organised-crime-infiltrates-ports-of-europe> Europol has launched a joint analysis report with the Security Steering Committee of the ports of Antwerp, Hamburg/Bremerhaven and Rotterdam that looks into the risk and challenges for law enforcement posed by criminal networks in EU ports. [Criminal Networks in EU Ports: Risks and challenges for Law Enforcement](#)

Valenciaport tests the use of airships for aerial surveillance of port activities. *Port of Valencia*. 5 April 2023. Available from: <https://www.valenciaport.com/en/valenciaport-tests-the-use-of-airships-for-aerial-surveillance-of-port-activities/> It is part of the Autonomous Stratospheric Platforms for Maritime Monitoring (PLEAMMAR) project developed by the startup Smarthaps within the framework of the Ports 4.0 funds.

MoT to develop unified maritime platform to raise ports competitiveness - Loke. *The Star (Malaysia)*. 11 April 2023. Available from: <https://www.thestar.com.my/business/business-news/2023/04/11/mot-to-develop-unified-maritime-platform-to-raise-ports-competitiveness---loke> The Ministry of Transport (MoT) will develop the Malaysia Maritime Single Window, a unified digital platform to facilitate trade and shipping services, in the fourth quarter (4Q) of this year to raise the nation's ports' competitiveness and reduce bureaucracy, said Transport Minister Anthony Loke.

CO2 emissions port of Rotterdam fell by over 4% in 2022. *Port of Rotterdam*. 11 April 2023. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/co2-emissions-port-of-rotterdam-fell-by-over-4-in-2022> CO2 emissions from industry and power plants in the port of Rotterdam were reduced by 1 Mtonne (4.2%) in 2022 compared to 2021.

Cyberattack targets websites for port authorities in Halifax, Montreal. Paul Withers. *Canadian Broadcasting Corporation (CBC)*. 12 April 2023. Available from: <https://www.cbc.ca/news/canada/nova-scotia/port-halifax-montreal-cyberattack-website-1.6808370> The Port of Halifax has been hit with a "denial of service" cyberattack that has shut down its public website but did not compromise internal data or interrupt operations.

Keeping the noise down in a busy Spanish port. *European Commission*. 12 April 2023. Available from: https://cinea.ec.europa.eu/news-events/news/keeping-noise-down-busy-spanish-port-2023-04-12_en The average rate of underwater noise has risen by around 20% since the 1970s.

ETS Shipping: Europe's ports call for early and robust action to prevent evasion. *European Sea Ports Organisation (ESPO)*. 19 April 2023. Available from: <https://www.espo.be/news/ets-shipping-europes-ports-call-for-early-and-robust> On 18 April 2023, the European Parliament adopted the final EP-Council agreement for the revised EU Emissions Trading System (ETS).

Port of Rotterdam welcomes agreement on ETS for shipping. *Port of Rotterdam*. 19 April 2023. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/port-of-rotterdam-welcomes-agreement-on-ets-for-shipping> On Tuesday 18 April, the European Parliament formally adopted the political agreement to include shipping in the EU's carbon emission trading scheme.

Container oversupply risk looms over China with empty containers at ports. *Hellenic Shipping News*. 20 April 2023. Available from: <https://www.hellenicshippingnews.com/container-oversupply-risk-looms-over-china-with-empty-containers-at-ports/> Asia's maritime and supply chain industry is on a tumultuous ride, experiencing significant disruptions in trade patterns resulting in container prices dipping, according to the April Asia container market forecaster published by Container xChange, an online container logistics company that provides a marketplace, an operating infrastructure, and a layer of services like payments to container logistics companies globally.

Singapore, LA, Long Beach ports ink agreement on green and digital shipping corridor. *C40 Cities*. 24 April 2023. Available from: <https://www.c40.org/news/singapore-los-angeles-long-beach-green-shipping/> The Maritime and Port Authority of Singapore, Port of Los Angeles and Port of Long Beach, with the support of C40 Cities, signed a memorandum of understanding today to establish a green and digital shipping corridor between Singapore and the San Pedro Bay port complex to support the decarbonisation of the maritime industry and improve efficiencies through digitalisation.

Russia uses Sevastopol attacks to threaten extension of grain deal. Bridget Diakun. *Lloyd's List*. 25 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144869> Naval drone attacks on Russia's Black Sea fleet in Sevastopol "jeopardize" an extension of the Black Sea Grain Initiative, the defence ministry in Moscow said in a statement.

Drought threatens Panama Canal shipping traffic. *France 24*. 26 April 2023. Available from: <https://www.france24.com/en/live-news/20230426-drought-threatens-panama-canal-shipping-traffic> Drought has forced Panama's authorities to reduce shipping traffic in the canal that links the Atlantic and Pacific as a water supply crisis threatens the future of this crucial waterway.

TotalEnergies Marine Fuels and the cruise division of MSC Group complete first LNG bunkering operation in Marseille for MSC Cruises'. *MSC World Europa*. *American Journal of Transportation (AJOT)*. 26 April 2023. Available from: <https://www.ajot.com/news/totalenergies-marine-fuels-and-the-cruise-division-of-msc-group-complete-first-lng-bunkering-operation-in-marseille-for-msc-cruises-msc-world-europa> TotalEnergies Marine Fuels and the Cruise Division of MSC Group have successfully completed the first Liquefied Natural Gas (LNG) bunkering operation at the Port of Marseille Fos, Southern France, for MSC Cruises' *MSC World Europa*.

Green methanol MoU signed with Melbourne port. *Port of Melbourne*. 26 April 2023. Available from: <https://www.portofmelbourne.com/green-methanol-mou-signed-with-melbourne-port/> A Memorandum of Understanding has been signed between Port of Melbourne, Maersk, ANL, Svitser, Stolthaven Terminals, HAMR Energy and ABEL Energy to explore the commercial feasibility of establishing a green methanol bunkering hub at the Port of Melbourne.

California Ports Sign Memorandum of Understanding on Data System Development.

California Governor's Office of Business and Economic Development. 26 April 2023.

Available from: <https://business.ca.gov/california-ports-sign-memorandum-of-understanding-on-data-system-development/> The MOU outlines an agreement between the five ports to jointly advance computerized and cloud-based data interoperability with a common goal of supporting improved freight system resilience, goods movement efficiency, emissions reduction, and economic competitiveness.

Aberdeen aims to be UK's first net zero port by 2040. *BBC News*. 28 April 2023. Available

from: <https://www.bbc.co.uk/news/uk-scotland-north-east-orkney-shetland-65409504> The Port of Aberdeen will invest £55m over the next 10 years in a bid to become the UK's first net zero port by 2040, it has been announced.

REGULATIONS

Preventing spills of plastic pellets: a feasibility analysis of regulatory options.

Jasper Faber, Roy van den Berg and Sander Raphaël. *CE Delft*. March 2023. Available from: <https://cedelft.eu/publications/preventing-spills-of-plastic-pellets/> Plastic pellets (also called 'nurdles') are small pieces of plastics, typically between 1 and 5 mm in diameter, produced by the petrochemical industry which serve as an input for the plastics industry to manufacture plastic products. [Report](#) 

The risks of regulatory complexity. Harilaos Psaraftis. *Splash247.com*. 4 April 2023. Available

from: <https://splash247.com/the-risks-of-regulatory-complexity/> Per a recent article by Lloyd's Register, and according to the provisions of the forthcoming FuelEU Maritime regulation, "a pool of ten boxships could avoid around €277m in FuelEU Maritime penalties in five years (2030-2034) if they are joined by a single vessel fuelled with e-methanol.

Autonomous vessels: legislating for a new generation of ships. Martyn Wingrove. *Maritime Optimisation & Communications*. 4 April 2023. Available from: <https://www.rivieramm.com/news-content-hub/autonomous-vessels-legislating-for-a-new-generation-of-ships-75634> When unmanned vessels enter commercial operation, there are no global international regulations and relatively few national regulations dealing specifically with their operation.

Servicing the Maritime Industry Towards Net Zero. *Ship & Bunker*. 4 April 2023. Available from: <https://shipandbunker.com/news/world/333362-feature-servicing-the-maritime-industry-towards-net-zero> The growing swathe of environmental marine fuel regulations can make for tricky navigation for some in the global shipping community.

Who is regulating the (de facto) regulator? Michelle Wiese Bockmann. *Lloyd's List*. 4 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144563/> The links between private registries that manage small flags on behalf of governments of Caribbean islands and African countries and dark fleet shipowners are neither transparent nor fully understood.

Black carbon: The 'low-hanging fruit' for cleaner shipping. Isabelle Gerretsen. *China Dialogue Ocean*. 4 April 2023. Available from: <https://chinadialogueocean.net/en/climate/black-carbon-the-low-hanging-fruit-for-cleaner-shipping/> Stronger regulation could eliminate soot from ship exhaust which is accelerating warming, particularly in the Arctic, writes Isabelle Gerretsen.

Marine carriage of nurdles will be regulated – the question is how and when. Kim Jefferies. *Gard*. 17 April 2023. Available from: <https://www.gard.no/web/articles?documentId=35244362>
To reduce the risk of large nurdle spills experienced in recent years, the regulatory work is now focussing on packaging requirements for plastic pellets within the freight container, notification to the carrier so that containers containing plastic pellets can be identified quickly to aid recovery, and stowage requirements for containers containing plastic pellets.

SALVAGE

Salvors Begin Oil Containment and Removal for *Princess Empress* Wreck. *Maritime Executive*. 2 April 2023. Available from: <https://maritime-executive.com/article/salvors-begin-oil-containment-and-removal-for-princess-empress-wreck> 📰 The Philippine Coast Guard and a Japanese salvor have begun a bagging operation to seal off leaks from the sunken tanker *Princess Empress*, one month after the vessel went down south of Luzon.

High court rules in favour of Smit in legal row over *Ever Given* salvage. Adam Corbett. *TradeWinds*. 3 April 2023. Available from: <https://www.tradewindsnews.com/casualties/high-court-rules-in-favour-of-smit-in-legal-row-over-ever-given-salvage/2-1-1430219> A UK high court judge has ruled that Dutch salvage company Smit was not bound by a pre-agreed salvage contract when it assisted in refloating the *Ever Given* from the Suez Canal in 2021.

Podcast: Inside the effort to defuse the ‘time bomb’ tanker. Eric Priante Martin. *TradeWinds*. 14 April 2023. Available from: <https://www.tradewindsnews.com/esg/podcast-inside-the-effort-to-defuse-the-time-bomb-tanker/2-1-1434103> 🎧 Audio edition of Green Seas looks at an effort to prevent a catastrophic oil spill from a floating oil storage vessel abandoned off Yemen.

UN mission to avert a \$26b oil spill disaster off Yemen still short of full funding. Nirmal Ghosh. *Straits Times*. 15 April 2023. Available from: <https://www.straitstimes.com/world/united-states/un-mission-to-avert-a-26b-oil-spill-disaster-off-yemen-still-short-of-full-funding> The *Nautica*, which left dry dock in Zhoushan, China, on April 6, is bound for Yemen, marking a significant step forward in a complex, multinational operation coordinated by the United Nations Development Programme (UNDP) to drain 1.1 million barrels of oil from a floating storage and offloading vessel, the *Safer*, moored roughly 9km off Yemen’s west coast.

UN in final \$29m push to avert oil spill off Yemen. Paul Peachey. *TradeWinds*. 18 April 2023. Available from: <https://www.tradewindsnews.com/tankers/un-in-final-29m-push-to-avert-oil-spill-off-yemen/2-1-1436299> A fundraising event next month will attempt to secure the final \$29m needed to remove 1.14m barrels of oil from a decaying tanker off the coast of Yemen.

United Nations Takes Next Major Step to Prevent Catastrophic Oil Spill in Red Sea. *United Nations Development Programme (UNDP)*. 20 April 2023. Available from: <https://www.undp.org/press-releases/united-nations-takes-next-major-step-prevent-catastrophic-oil-spill-red-sea> The UN Development Programme has contracted the Boskalis subsidiary SMIT Salvage to transfer 1 million barrels of oil off a decaying tanker.

Boskalis to remove oil from *FSO Safer* in Yemen to avert environmental and humanitarian disaster. *Boskalis*. 20 April 2023. Available from: <https://boskalis.com/press/press-releases-and-company-news/boskalis-to-remove-oil-from-fso-safer-in-yemen-to-avert-environmental-and-humanitarian-disaster> Boskalis through its subsidiary SMIT Salvage has reached an agreement with the United Nations Development Programme (UNDP) for the oil removal from the *FSO Safer* moored off Yemen’s Red Sea coast.

Philippines Prepares for Offloading of Stranded Chinese Bulker. *Maritime Executive*. 27 April 2023. Available from: <https://maritime-executive.com/article/philippines-prepares-for-offloading-of-stranded-chinese-bulker> Ten days after a Chinese bulker first went aground in the eastern central region, the Philippines is preparing for the next phase of the salvage operation.

SEAFARERS

Thousands Of Seafarers Will Miss Out On NMW Increase. *National Union of Rail, Maritime and Transport Workers (RMT)*. 31 March 2023. Available from: <https://www.rmt.org.uk/news/thousands-of-seafarers-will-miss-out-on-nmw-increase/> Maritime Union RMT, has lambasted the government ahead of the National Minimum Wage (NMW) increase, pointing out thousands of seafarers will not be eligible for the rise.

50K Filipino seafarers saved after EU nixes banning PH certs: DMW. *Philippine News Agency*. 1 April 2023. Available from: <https://www.pna.gov.ph/articles/1198698> The European Commission's decision to continue recognizing the Philippines' training and certification will directly benefit more than 50,000 Filipino seafarers, the Department of Migrant Workers said on Saturday.

Norden to pay fine after two deaths aboard tanker. Dag Holmstad. *ShippingWatch*. 3 April 2023. Available from: <https://shippingwatch.com/carriers/Tanker/article15534061.ece> The Danish tanker carrier Norden will be punished with a fine after two deaths aboard tanker ship *Nord Magic* in the summer of 2022, the police of Northern Zealand tells ShippingWatch.

Plymouth's Brittany Ferries boss reacts to proposed French ports ban. William Telford. *Plymouth Herald (UK)*. 3 April 2023. Available from: <https://www.plymouthherald.co.uk/news/plymouth-news/plymouths-brittany-ferries-boss-reacts-8317261?345=> Plymouth-based Brittany Ferries has welcomed a plan to ban ferry companies from sailing to French ports if they don't pay their staff decent wages.

Nautilus welcomes French move to block low-wage ferries. *Nautilus International*. 3 April 2023. Available from: <https://www.nautilusint.org/en/news-insight/news/nautilus-welcomes-french-move-to-block-low-wage-ferries/> Nautilus International has welcomed a proposed 'three strikes and out' French law to block low-wage ferry companies from ports.

Stranded in Guyana, twelve Indian seafarers seek govt intervention. *New Indian Express*. 8 April 2023. Available from: <https://www.newindianexpress.com/states/kerala/2023/apr/08/stranded-in-guyana-twelve-indian-seafarers-seek-govt-intervention-2563763.html> Twelve Indian seafarers, including the master and crew of the *MV Sea Lion*, a Saint Kitts and Nevis-flagged cargo ship owned by Sea Lion Shipping of Turkey, have been abandoned by the company at the Port of Georgetown, in the South America country of Guyana.

Chinese crew member dies on cargo ship in Vietnam port. Le Hoang. *VN Express International (Vietnam)*. 11 April 2023. Available from: <https://e.vnexpress.net/news/news/chinese-crew-member-dies-on-cargo-ship-in-vietnam-port-4592172.html> Three Chinese men working on a Panama cargo ship docked in central Vietnam are suspected to have suffered gas poisoning, with one dying as a result.

Abandonment guidelines safeguard shipping's most important asset: seafarers. Guy Platten. *Lloyd's List*. 11 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144656/> It is a sad truth that, in some port states, distraught crews impacted by abandonment can be blocked from disembarking their ships.

Master's detention reflects 'growing criminalisation' of seafarers. Paul Peachey. *TradeWinds*. 12 April 2023. Available from: <https://www.tradewindsnews.com/tankers/master-s-detention-reflects-growing-criminalisation-of-seafarers/2-1-1433101> The detention of a Russian tanker captain in a suspected oil smuggling case is the latest example of a growing global trend of criminalising seafarers, according to a union.

Port strikes take their toll on supply chains and seafarers. Sam Chambers. *Splash 247.com*. 13 April 2023. Available from: <https://splash247.com/port-strikes-take-their-toll-on-supply-chains-and-seafarers/> The number of port strikes around the world has been growing over the past year, causing headaches for supply chain providers as well as distress for seafarers denied shore leave.

For 12 years, she's worked at sea and learned to call out women's work condition aboard ships. Astrid Sturlason. *ShippingWatch*. 14 April 2023. Available from: <https://shippingwatch.com/carriers/article15604738.ece> Throughout the past 12 years, she has been working as a seafarer at several carriers, and for long stretches of time, her days have been spent at sea.

Singapore-Registered Ship, Success 9, Located and Crew Safe. *Government of Singapore*. 16 April 2023. Available from: https://www.sgpc.gov.sg/detail?url=/media_releases/maritime-and-port-authority-of-singapore/press_release/P-20230416-1&page=/detail&HomePage=home Since the boarding of the Singapore-registered ship, *SUCCESS 9*, by unidentified persons on 10 April 2023, the Maritime and Port Authority of Singapore (MPA) has been coordinating with the ship owner and multinational agencies through the Information Fusion Centre (IFC) and the Monrovia Regional Maritime Rescue Coordination Centre (MRCC) to search for the ship.

Seafarers warned against rogue recruitment agents charging fees. *The National (UAE)*. 17 April 2023. Available from: <https://www.thenationalnews.com/uae/2023/04/17/seafarers-warned-against-rogue-recruitment-agents-charging-fees/> Illegal demands for recruitment fees and withholding of vital travel documents are plaguing seafarers hoping to embark on a career in shipping, new research shows.

ITF secures freedom for 13 abandoned Filipino seafarers stuck in Singapore for 5 months; \$1m in backpay won for crews. *ITF Seafarers*. 17 April 2023. Available from: <https://www.itfseafarers.org/en/news/itf-secures-freedom-13-abandoned-filipino-seafarers-stuck-singapore-5-months-1m-backpay-won> Thirteen Filipino seafarers have made it home after more than five months aboard an abandoned livestock carrier ship, the *Yangtze Harmony*, thanks to the intervention of the International Transport Workers' Federation (ITF).

Singapore faces criticism over crew-abandonment case. Dale Wainwright. *TradeWinds*. 18 April 2023. Available from: <https://www.tradewindsnews.com/people/singapore-faces-criticism-over-crew-abandonment-case/2-1-1435923> Singapore has come in for criticism from the International Transport Workers' Federation over its handling of a recent crew-abandonment case.

Seafarers and Recruitment Fees. *Institute for Human Rights & Business (IHRB)*. 18 April 2023. Available from: <https://www.ihrb.org/focus-areas/oceans/briefing-seafarers-recruitment-fees> This research briefing highlights the issue of 'recruitment fees' - an illegal practice affecting seafarers around the world. [Research Briefing](#) 

Sailors' Society looks to virtual future. *Sailors' Society*. 18 April 2023. Available from: <https://www.sailors-society.org/news/sailors-society-looks-to-virtual-future> Sailors' Society is switching its focus to 24/7 virtual support for seafarers and their families across the world.

Supporting Women Seafarers to Overcome Sexual Violence at Sea. *Seafarers' Charity*. 19 April 2023. Available from: <https://www.theseafarerscharity.org/news/supporting-women-seafarers-to-overcome-sexual-violence-at-sea> The Seafarers' Charity has announced funding for a new service aimed at supporting women seafarers who have experienced sexual trauma while working at sea.

More provision needed for female seafarers. Nidaa Bakhsh. *Lloyd's List*. 21 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144829/> More needs to be done for women seafarers to ensure their retention, according to the findings of a new report.

Singapore denies ITF claims it contravened Maritime Labour Convention. Dale Wainwright. *TradeWinds*. 22 April 2023. Available from: <https://www.tradewindsnews.com/regulation/singapore-denies-itf-claims-it-contravened-maritime-labour-convention/2-1-1439315> The International Transport Workers' Federation (ITF) made the allegation about the city-state's handling of a case involving the crew of the Liberian-flagged, 11,670-gt livestock carrier *Yangtze Harmony* (built 2004).

Heroic Idun Crew Scheduled for Court as Pressure Continues for Release. *Maritime Executive*. 25 April 2023. Available from: <https://maritime-executive.com/article/heroic-idun-crew-scheduled-for-court-as-pressure-continues-for-release> The crew of the VLCC *Heroic Idun* is scheduled for their next court appearance at the end of this week on April 28 in Port Harcourt, Nigeria.

Internet connectivity seen as 'transformational' for seafarers. Richard Clayton. *Lloyd's List*. 25 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144870/> Global connectivity has transformed the crewing marketplace, with seafarers now able to find job opportunities on their mobile phones, which gives them more employment choices.

New study finds 15 key pain points for women at sea. *Global Maritime Forum*. 27 April 2023. Available from: <https://www.globalmaritimeforum.org/press/new-study-finds-15-key-pain-points-for-women-at-sea> Interviews with 115 anonymous women seafarers from all ranks form the basis of a multi-year effort by the All Aboard Alliance to improve living- and working conditions for women at sea. [Report](#) 

SEARCH & RESCUE

Tomini bulk carrier rescues Malaysian families from capsized boat. Gary Dixon. *TradeWinds*. 3 April 2023. Available from: <https://www.tradewindsnews.com/casualties/tomini-bulk-carrier-rescues-malaysian-families-from-capsized-boat/2-1-1430069> A Tomini Shipping crew has rescued 11 Malaysians who had been adrift in a capsized boat for three days.

Rescue ship *Geo Barents* saves 440 migrants in the Mediterranean off coast of Malta. *Euronews*. 5 April 2023. Available from: <https://www.euronews.com/2023/04/05/rescue-ship-geo-barents-saves-440-migrants-in-the-mediterranean-off-coasts-of-malta> The *Geo Barents*, a humanitarian vessel of Médecins Sans Frontières (MSF), rescued 440 migrants in distress in international waters off Malta on Tuesday.

Malta, Italy: Rescues and disembarkations on the Central Mediterranean route. Emma Wallis. *InfoMigrants*. 5 April 2023. Available from: <https://www.infomigrants.net/en/post/47982/malta-italy-rescues-and-disembarkations-on-the-central-mediterranean-route> The private rescue ship *Geo Barents* spent more than 11 hours rescuing 440 people from a boat off Malta overnight. Meanwhile, the Ocean Viking disembarked 92 migrants in the Italian port of Salerno.

Italian coast guard rescues thousands of migrants over Easter weekend. Emma Wallis. *InfoMigrants*. 11 April 2023. Available from: <https://www.infomigrants.net/en/post/48120/italian-coast-guard-rescues-thousands-of-migrants-over-easter-weekend> The Italian coast guard rescued around 2,000 migrants over the Easter weekend in several different rescue operations near the coasts of Sicily and Lampedusa.

Danish ship helps rescue 20 sailors from pirates in West Africa. Dag Holmstad. *ShippingWatch*. 15 April 2023. Available from: <https://shippingwatch.com/carriers/Tanker/article15610593.ece> On Saturday, the Danish-owned tanker *Monjasa Sprinter* played a decisive role in the rescue of 20 sailors on a Singapore-owned tanker from a pirate hijacking off West Africa.

Giant cruise ships are rescuing migrants from the Caribbean. Hannah Sampson. *Washington Post*. 15 April 2023. Available from: <https://www.washingtonpost.com/travel/2023/04/15/cruise-ship-rescue-migrants-sea/> Earlier this week, the *Carnival Spirit* was carrying passengers on a Caribbean cruise from Miami when it encountered a small boat near the Dominican Republic and Puerto Rico.

Bedwell Island rescue. *Australian Maritime Safety Authority (AMSA)*. 19 April 2023. Available from: <https://media.amsa.gov.au/media-release/bedwell-island-rescue> At around 5pm AEST on 17 April 2023, the Australian Maritime Safety Authority (AMSA) coordinated the rescue of 11 Indonesian fishers from Bedwell Island, approximately 313 km west of Broome, WA, whose fishing vessel had been shipwrecked during Cyclone Ilsa.

Italy: 1,200 migrants rescued by coastguard as 70 bodies pulled from sea. *ITV News (UK)*. 25 April 2023. Available from: <https://www.itv.com/news/2023-04-25/italy-1200-migrants-rescued-by-coastguard-as-70-bodies-pulled-from-sea> More than 1,200 migrants have been rescued by Italian authorities and at least 70 bodies have been recovered from the sea after a number of boats undertook the dangerous journey across the Mediterranean.

SHIP RECYCLING

Slow Tonnage Supply Hinders Ship Recycling Market Activity. Nikos Roussanoglou. *Hellenic Shipping News*. 5 April 2023. Available from: <https://www.hellenicshippingnews.com/slow-tonnage-supply-hinders-ship-recycling-market-activity/> Tonnage availability has been hard to come by in the ship recycling market.

Ship Recycling Market Faces Headwinds. Nikos Roussanoglou. *Hellenic Shipping News*. 20 April 2023. Available from: <https://www.hellenicshippingnews.com/ship-recycling-market-faces-headwinds/> In its latest weekly report, shipbroker Clarkson Platou Hellas commented that “this week clearly sums up the difficulties associated with the ship recycling industry and shows how each seven-day period can differ.

SHIPBUILDING & SHIPREPAIR

Wärtsilä launches world-first radical derating solution for two-stroke engines. *Wärtsilä Corporation*. 30 March 2023. Available from: <https://www.wartsila.com/media/news/30-03-2023-wartsila-launches-world-first-radical-derating-solution-for-two-stroke-engines-3248629> Technology group Wärtsilä has introduced a new radical derating retrofit solution – Wärtsilä Fit4Power - to extend the emissions-compliant lifetime of merchant vessels by providing the existing two-stroke fleet with leaner, healthier and more optimised engines.

S. Korea releases revised standards for construction of fuel cell-powered vessels. Park Sae-jin. *Aju Business Daily (South Korea)*. 5 April 2023. Available from: <https://www.ajudaily.com/view/20230405151905889> In a bid to gain competitiveness in the global hydrogen fuel cell-powered vessel market, South Korea has revised standards for the construction of ships equipped with a clean energy drive system.

Ships with lowest zero-carbon fuel readiness seen as ‘default’ option for newbuilding orders. Michelle Wiese Bockmann. *Lloyd’s List*. 5 April 2023. Available from: <https://lloydlist.maritimeintelligence.informa.com/LL1144617/> Ships with dual-fuel engines that operated on liquefied natural gas or heavy fuel oil were the least prepared for the energy transition but were shipowners’ “default” ordering option, according to Lloyd’s Register.

China and France sign record container ship order. *China Global Television Network (CGTN)*. 9 April 2023. Available from: <https://news.cgtn.com/news/2023-04-08/China-and-France-sign-record-container-ship-order--1iPE44wGbUk/index.html> The China State Shipbuilding Corp. (CSSC) and French shipping group CMA CGM signed an order for 16 container ships worth a total of 21 billion yuan (\$3.06 billion) in Beijing on Thursday.

CMA CGM pulls ahead in zero-emission ocean shipping race, still trails Maersk in reducing LNG fleet. *American Journal of Transportation (AJOT)*. 12 April 2023. Available from: <https://www.ajot.com/news/cma-cgm-pulls-ahead-in-zero-emission-ocean-shipping-race-still-trails-maersk-in-reducing-lng-fleet> CMA CGM, the top ocean shipping supplier for Walmart, announced that it has ordered 12 methanol-powered container ships, pulling ahead of Maersk with the most orders for zero-emission ships.

Development of CO2 Tanker. *Knud E. Hansen*. 12 April 2023. Available from: <https://www.knudehansen.com/news/co2-tanker/> According to the Paris Agreement CO2 emissions shall be reduced as to limit the global warming to well below 2°C, preferably max 1.5°C.

Record high container order book of 7.54 million TEU signals significant change. Niels Rasmussen. *BIMCO*. 13 April 2023. Available from: <https://www.bimco.org/news-and-trends/market-reports/shipping-number-of-the-week/20230413-snow> During the last ten quarters, 8.61 million TEU has been contracted, matching the level contracted during the preceding 30 quarters.

First Maersk Methanol-Fuelled Containership Floated Out in Korea. *Maritime Executive*. 14 April 2023. Available from: <https://maritime-executive.com/article/video-first-methanol-fueled-containership-floated-out-in-korea> 📺 Maersk continues the build toward the introduction of the world’s first methanol-fuelled containership.

MOL launches Japan's 2nd LNG-powered ferry into service. *Offshore Energy*. 17 April 2023.

Available from: <https://www.offshore-energy.biz/mol-launches-japans-2nd-lng-powered-ferry-into-service/> The vessel is the second of Japan's first two LNG-fuelled ferries, owned by MOL and operated by its group company Ferry Sunflower Co.

The next scrubber retrofit wave will bridge the regulation gap. Kashif Javaid. *ShipTechnology*.

17 April 2023. Available from: <https://www.ship-technology.com/comment/the-next-scrubber-retrofit-wave-will-bridge-the-regulation-gap/> Ship owners who already invested in scrubbers for IMO 2020 compliance are enjoying a competitive advantage.

ONE orders containerised wind-assist units from Econowind. *SWZ Maritime (Netherlands)*.

20 April 2023. Available from: <https://swzmaritime.nl/news/2023/04/20/one-orders-containerised-wind-assist-units-from-econowind/> Singapore-based Ocean Network Express (ONE) has decided to install two containerised wind assist units on one of their operated container feeder ships before the end of 2023.

Korean shipyards feel tailwind from emission rules. Jae-Fu Kim and Mi-Sun Kang. *Korea*

Economic Daily (South Korea). 23 April 2023. Available from: <https://www.kedglobal.com/shipping-shipbuilding/newsView/ked202304230003> Tighter environmental rules and higher energy prices are providing tailwinds for South Korean shipbuilders, which have swept orders for eco-friendly and fuel-efficient vessels.

Shipyards build up to the challenge of launching a zero-emission fleet. Irene Ang and

Adam Corbett. *TradeWinds*. 27 April 2023. Available from:

<https://www.tradewindsnews.com/shipyards/shipyards-build-up-to-the-challenge-of-launching-a-zero-emission-fleet/2-1-1437617> A huge part of the world fleet will have to be replaced with zero-emission vessels in little more than two decades if regulators set a goal of decarbonising shipping by 2050.

World's largest liquefied gas carrier delivered in Shanghai. *Xinde Marine News (China)*.

27 April 2023. Available from:

<https://www.xindemarinenews.com/en/shipbuilding/2023/0427/47471.html> With a total length of 230 meters and a width of 36.6 meters, the vessel, named *Harzand*, is independently developed, designed and built by Chinese manufacturer Jiangnan Shipyard and has a service speed of 16.5 knots.

SHIPPING

Climate advocates applaud IKEA's latest commitment to zero-emission shipping. *Ship it Zero*. 29 March 2023. Available from: <https://shipitzero.org/ikea-joins-zemba/> Today, the Aspen Institute announced the addition of IKEA as the first member of the Zero Emission Maritime Buyers Alliance (ZEMBA), alongside co-founders Amazon, Patagonia and Tchibo.

Improving availability of maritime transport costs data in the pacific region. Aideé Saucedo Dávila, Camille Bourgeon and Onno Hoffmeister. *United Nations Conference on Trade and Development (UNCTAD)*. 30 March 2023. Available from: <https://unctad.org/news/improving-availability-maritime-transport-costs-data-pacific-region> The ocean is essential for human livelihood because it regulates the climate and weather, supplies sources of nutrition, supports economies, shapes cultures, and provides sea routes that enable maritime transportation.

Women in Maritime 2023 - Case Study - Helen Marshall, Vessel Controller. *Associated British Ports (ABP)*. 31 March 2023. Available from: <https://www.abports.co.uk/news-and-media/articles-and-blogs/2023/women-in-maritime-2023-case-study-helen-marshall-vessel-controller/> As part of our campaign to promote International Women's Day, ABP will raise awareness around careers in maritime in support of the official theme this year, #EmbraceEquity.

Seattle journalist describes impacts of Alaska's 'cruise ship invasion'. Anna Canny. *KTOO Public Media (Alaska)*. 3 April 2023. Available from: <https://www.ktoo.org/2023/04/03/alaska-cruise-ship-environmental-impacts/> April brings the start of Alaska's cruise ship season. Juneau will welcome hundreds of cruise ships in the coming months.

Shipping Lines Are Getting Worried About Dependence on China. *Foreign Policy*. 3 April 2023. Available from: <https://foreignpolicy.com/2023/04/03/global-shipping-china-dependence-korea-japan-britain/> In February, shipping giant Maersk took possession of a new cargo vessel, one that can meet the International Maritime Organization's requirements for zero-emission shipping.

UK Maritime Pay Gap and Gender Diversity. *Spinnaker Global Ltd*. 5 April 2023. Available from: https://spinnaker-global.com/0_05-04-2023-uk-maritime-pay-gap-and-gender-diversity It is quite easy to assume that the maritime industry is driven by tradition rather than requirements of time; being a rather niche sphere, it is only natural to think it is playing by its own rules.

Polluting planes and ships get green investment label from EU. *Transport & Environment*. 6 April 2023. Available from: <https://www.transportenvironment.org/discover/polluting-planes-and-ships-get-green-investment-label-from-eu/> Planes and ships that run on fossil fuels could be given 'green' investment status as the EU Commission today published its updated list of sustainable investments.

T&E analysis of EU taxonomy criteria for shipping. *Transport & Environment*. 5 April 2023. Available from: <https://www.transportenvironment.org/discover/te-analysis-of-eu-taxonomy-criteria-for-shipping/> The European Commission is currently finalising the criteria for shipping to be included in EU taxonomy rules, a classification system establishing which investments can be environmentally sustainable. [T&E analysis of EU taxonomy criteria for shipping](https://www.transportenvironment.org/discover/te-analysis-of-eu-taxonomy-criteria-for-shipping/) 

Nordic collaboration – Scandinavian shipping reacts to the challenges of decarbonisation.

Craig Jallal. *Tanker Shipping & Trade*. 7 April 2023. Available from:

<https://www.rivieramm.com/news-content-hub/nordic-collaboration--scandinavian-shipping-reacts-to-the-challenges-of-decarbonisation-75605>

The marine equipment and services event, Nor-Shipping, which takes place every two years in Oslo, Norway, will be returning to its traditional slot in June after a Covid-induced break.

I was intimidated, harassed in the first ten years of my career — Apapa Port Manager

Funmilayo Olotu. *Ships & Ports*. 10 April 2023. Available from: <https://shipsandports.com.ng/i-was-intimidated-harassed-in-the-first-ten-years-of-my-career-apapa-port-manager-funmilayo-olotu/>

The Port Manager of Nigeria's largest and busiest seaport, the Lagos Port Complex Apapa, Mrs Olufunmilayo Bolanle Olotu, had her own share of challenges in the course of building her career in the Nigerian Ports Authority (NPA).

Why success and diversity go hand in hand for Lisa Lutoff-Perlo. Susan Parker. *Cruise & Ferry*.

10 April 2023. Available from: <https://www.cruiseandferry.net/articles/Why-success-and-diversity-go-hand-in-hand-for-Lisa-Lutoff-Perlo>

The history of diversity onboard Celebrity Cruises' ships is something outgoing president and CEO Lisa Lutoff-Perlo loves about the brand she has overseen since 2016.

ICS Chairman Emanuele Grimaldi meets with CSA leadership and Chinese officials signifying a new era of collaboration. *International Chamber of Shipping (ICS)*. 11 April 2023. Available from:

<https://www.ics-shipping.org/press-release/ics-chairman-emanuele-grimaldi-meets-with-csa-leadership-and-chinese-officials-signifying-a-new-era-of-collaboration/>

The International Chamber of Shipping (ICS) Chairman Emanuele Grimaldi met with Mr Feng Bo, the Executive Vice President of COSCO Shipping, who received the ICS delegation on behalf of China Shipowners' Association (CSA), to pave the way forward for a closer working relationship between the ICS and China.

The Documentary - Deep Waters: Container ships. *BBC World Service*. 11 April 2023. Available

from: <https://www.bbc.co.uk/programmes/w3ct5f3f> Container ships carry everything we buy - but those giant boxes hold secrets too.

Shades of grey overshadows dark fleet. Sam Chambers. *Splash.247.com*. 12 April 2023.

Available from: <https://splash247.com/shades-of-grey-overshadows-dark-fleet/> Tanker experts at BRS argue in their latest weekly report that shipping should no longer refer to the non-mainstream flotilla of tankers as a shadow fleet.

Teekay Tankers resorts to engine power limitations to meet EEXI. Jasmina Ovcina Mandra.

Offshore Energy. 12 April 2023. Available from: <https://www.offshore-energy.biz/teekay-tankers-resorts-to-engine-power-limitations-to-meet-eexi/>

Teekay Tankers, one of the world's leading providers of international seaborne transportation of oil, said it would implement engine power limitation (EPL) on its vessels to meet the Efficiency Existing Ship Index (EEXI) requirements.

Carnival Corporation Announces Significant 2022 Sustainability Advances. *Carnival*

Corporation. 12 April 2023. Available from: <https://www.carnivalcorp.com/news-releases/news-release-details/carnival-corporation-announces-significant-2022-sustainability>

Carnival Corporation & plc (NYSE/LSE: CCL; NYSE: CUK), the world's largest cruise company, today released its 13th annual sustainability report, detailing industry-leading initiatives and momentum across environmental, social and governance focus areas.

Economic Sanctions in the Shipping Industry: 2022 Highlights. *Hellenic Shipping News*. 12 April 2023. Available from: <https://www.hellenicshippingnews.com/economic-sanctions-in-the-shipping-industry-2022-highlights/> Shipping companies should remain focused on sanctions compliance for 2023.

Green shipping: a \$1.9tn investment opportunity? *Schroder Fund Advisors LLC*. 12 April 2023. Available from: [https://www.schroders.com/en/us/tp-us/markets/equities/green-shipping-a-\\$1.9tn-investment-opportunity/](https://www.schroders.com/en/us/tp-us/markets/equities/green-shipping-a-$1.9tn-investment-opportunity/) If emissions from global shipping were a country it would be the sixth largest. We've analysed the risks and opportunities – from a wave of new regulation to the benefits of greener fuels and even a return to wind-powered cargo.
[A Voyage to Greener Shipping Risks and opportunities](#)

Europe's ro-ro cargo ship sector well prepared for decarbonisation. Rob Willmington. *Lloyd's List*. 13 April 2023. Available from: <https://lloydlist.maritimeintelligence.informa.com/LL1144668/> The European ro-ro cargo vessel sector has been juggling rising costs and trade disruption caused by Brexit and the situation in Ukraine at a time when it is having to seek long-term decarbonisation solutions.

On a ship where future mariners train, CSU women say they faced sexual abuse and harassment. Colleen Shalby and Robert J. Lopez. *Los Angeles Times*. 13 April 2023. Available from: <https://www.latimes.com/california/story/2023-04-13/csu-cal-maritime-rape-sexual-assault-training-ship> For nearly three decades, the navy-and-gold Training Ship *Golden Bear* has plied oceans around the globe for California State University's Maritime Academy, providing a unique classroom for students training to be leaders in the seafaring industry.

Europe goes from leader to laggard in tackling shipping's climate impact. Chiara Mingozi and Faïg Abbasov. *EurActiv*. 17 April 2023. Available from: <https://www.euractiv.com/section/maritime/opinion/europe-goes-from-leader-to-laggard-in-tackling-shippings-climate-impact/> To retain its reputation as a climate leader, Europe must unequivocally embrace science-based climate targets for its shipping industry, argue Faïg Abbasov and Chiara Mingozi.

Carbon Chronicles: Voluntary Carbon Credits. Barry Parker. *gCaptain*. 17 April 2023. Available from: <https://gcaptain.com/carbon-chronicles-voluntary-carbon-credits/> In a recent press release, shipping industry participants Greenheart, Njord, and Marsoft announced that they have entered into a "Green Tech Partnership Underpinned by Carbon Credits," where Njord will design a package of fuel-saving technologies on four Greenheart-owned vessels.

Navigating Change: European RoRo Sector Adapts To Brexit, Crises And Decarbonization. John Konrad. *gCaptain*. 17 April 2023. Available from: <https://gcaptain.com/navigating-change-european-ro-ro-sector-adapts-to-brexit-crises-and-decarbonization/> In an era marked by Brexit, the Ukraine crisis, and the push for long-term decarbonization solutions, the European RoRo cargo vessel sector finds itself grappling with the challenges of fluctuating costs, trade disruptions, BREXIT, and changing shipping routes.

FEATURE: Deciphering Shipping's CII Conundrum. Julian Macqueen. *Ship & Bunker*. 17 April 2023. Available from: <https://shipandbunker.com/news/emea/989212> Quantifying shipping's carbon footprint ultimately comes down to getting an answer to the question: how much carbon does a particular ship emit?

Publication of Alert on Possible Evasion of the Russian Oil Price Cap. *US Department of the Treasury*. 17 April 2023. Available from: <https://ofac.treasury.gov/recent-actions/20230417>
The Department of the Treasury's Office of Foreign Assets Control (OFAC) has published an alert, "Possible Evasion of the Russian Oil Price Cap," to warn U.S. persons about possible evasion of the price cap on crude oil of Russian Federation origin, particularly involving oil exported through the Eastern Siberia Pacific Ocean (ESPO) pipeline and ports on the eastern coast of the Russian Federation. [OFAC Alert](#)

Modernising maritime for women: gender research update. *Nautilus International*. 17 April 2023. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/modernising-maritime-for-women-gender-research-update/> An important piece of European research has set out recommendations for attracting more women to careers at sea, many of which echo longstanding Nautilus campaigns on workplace gender support.

Enhanced participation of women in European shipping. *European Transport Workers' Federation*. 17 April 2023. Available from: <https://eumaritimewomen.org/wp-content/uploads/2022/11/Enhanced-participation-of-women-in-European-shipping-NOV-2022-web-version.pdf> This project, commissioned by the European Community Shipowners' Associations (ECSA), the European Transport Workers' Federation (ETF) and funded by the European Union, reflects the necessity to adopt a creative approach, able to bring and include more women in the maritime industry, particularly within Europe.

New ETS law: Earmarked revenues can mark a turning point for shipping's decarbonisation. *European Community Shipowners' Associations (ECSA)*. 18 April 2023. Available from: <https://www.ecsa.eu/news/new-ets-law-earmarked-revenues-can-mark-turning-point-shippings-decarbonisation> Importantly, the Parliament and the Council have embraced the calls of the industry stakeholders to earmark EU ETS revenues back to the maritime sector to support the uptake of clean fuels and foster innovation.

Shipmanagement business model under pressure. *Splash 247.com*. 19 April 2023. Available from: <https://splash247.com/shipmanagement-business-model-under-pressure/> Much of Splash's brand new shipmanagement magazine is focused on how the business model of the shipmanagement sector will change with many contributors sure the old ways of doing business are set to be jettisoned.

'Unprecedented challenge': Shipping braces for an ESG disclosure tsunami. Eric Priante Martin. *TradeWinds*. 19 April 2023. Available from: <https://www.tradewindsnews.com/esg/-unprecedented-challenge-shipping-braces-for-an-esg-disclosure-tsunami/2-1-1437497> Regulations requiring sustainability disclosures are piling up, and a sweeping mandate from the EU looming large 'just changes the whole game'.

Survey suggests a multi-fuel future for the shipping industry on the path to zero emissions. *Global Centre for Maritime Decarbonisation (GCMD)*. 20 April 2023. Available from: <https://www.gcfomd.org/post/survey-suggests-a-multi-fuel-future-for-the-shipping-industry-on-the-path-to-zero-emissions-1> Copenhagen and Singapore, April 20, 2023 - Shipping companies, encouraged by regulation, customer demand, investor pressure, and internal goals, are searching for ways to find greener fuel alternatives and reduce greenhouse gas emissions by 2050.

EU's global shipping approach puts green credentials on the line. Anaïs Rios. *EurActiv*. 20 April 2023. Available from: <https://www.euractiv.com/section/maritime/opinion/eus-global-shipping-approach-puts-green-credentials-on-the-line/> To retain its credibility, the EU must back concrete 2030 and 2040 emission reduction targets for shipping at the final round of negotiations on the International Maritime Organisation's climate strategy, writes Anaïs Rios.

Op-Ed: Outsiders Needed to Digitalize Ocean Freight Industry. Thomas Donslund. *Maritime Executive*. 20 April 2023. Available from: <https://maritime-executive.com/editorials/op-ed-outsiders-needed-to-digitalize-ocean-freight-industry> It is a known fact that the shipping industry suffers from lack of digitalization.

MSC's Soren Toft warns shippers will bear the cost of Europe's carbon levy. Ian Lewis. *TradeWinds*. 21 April 2023. Available from: <https://www.tradewindsnews.com/containerships/msc-s-soren-toft-warns-shippers-will-bear-the-cost-of-europe-s-carbon-levy/2-1-1438524> MSC Mediterranean Shipping Company "will live with" the European Union's Emissions Trading System, but shippers will have to pay higher costs, says chief executive Soren Toft.

2050 Net Zero Target for Shipping May Be More Achievable Than 50% GHG Cut. *Ship & Bunker*. 21 April 2023. Available from: <https://shipandbunker.com/news/world/153955> Bunker industry veteran Neil Lamerton has expressed the paradoxical view that a net zero GHG emissions target for shipping in 2050 may be more achievable than the present plan for a 50% cut.

Last live export ship has sailed. Damien O'Connor. *Government of New Zealand*. 21 April 2023. Available from: <https://www.beehive.govt.nz/release/last-live-export-ship-has-sailed> Today the Government reaffirms its commitment to animal welfare and the protection of our reputation as world-leading food producers, with the departure overnight from New Plymouth of the last live export by sea, says Agriculture Minister Damien O'Connor.

High LNG stocks in North Asia, weak demand leads to more storage at sea. Emily Chow. *Reuters*. 24 April 2023. Available from: <https://www.reuters.com/business/energy/high-lng-stocks-north-asia-weak-demand-leads-more-storage-sea-2023-04-21/> Volumes of liquefied natural gas stored at sea have increased on an annual basis this month, driven by more vessels in Asia amid high inventories and slow spot demand in Japan, China and South Korea, analysts say.

The Lloyd's List Podcast: Why shipping is not ready for sanctions enforcement. *Lloyd's List*. 24 April 2023. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1144835/> Despite an unprecedented proliferation of sanctions over the past 12 months, high-profile enforcement cases have been notably absent in shipping, but that is about to change and much of the industry is still woefully unprepared for what is about to follow.

Global shipping is under pressure to stop its heavy fuel oil use fast – that's not simple, but changes are coming. Don Maier. *The Conversation*. 24 April 2023. Available from: <https://theconversation.com/global-shipping-is-under-pressure-to-stop-its-heavy-fuel-oil-use-fast-thats-not-simple-but-changes-are-coming-204271> If companies do buy ships that run on alternative fuels, such as hydrogen, methanol and ammonia, they run into another challenge: There are only a few ports so far with the infrastructure to provide those fuels.

Wave of LNG import capacity emerges as decarbonisation moves intensify. Lucy Hine. *TradeWinds*. 25 April 2023. Available from: <https://www.tradewindsnews.com/opinion/wave-of-lng-import-capacity-emerges-as-decarbonisation-moves-intensify/2-1-1438104> April has seen the arrival of the LNG vessels that will provide the floating elements for two new importers — Hong Kong and the Philippines.

Shipping's gender diversity issues now being looked at by the banks. Sam Chambers. *Splash 247.com*. 25 April 2023. Available from: <https://splash247.com/shippings-gender-diversity-issues-now-being-looked-at-by-the-banks/> Shipping's poor gender equality ratios are now being looked at by ship financiers.

Shipping finally enveloped in EU's quota system. Astrid Sturlason. *ShippingWatch*. 26 April 2023. Available from: <https://shippingwatch.com/regulation/article15680434.ece> After Council approval, it is now set in stone that shipping must pay for greenhouse gas emissions from 2024.

Artificial intelligence offers insight on AI opportunities in shipping. Timothy Renshaw. *Business in Vancouver (Canada)*. 26 April 2023. Available from: <https://biv.com/article/2023/04/artificial-intelligence-offers-insight-ai-opportunities-shipping> ChatGPT has nailed a few key points in the marriage of artificial intelligence and global goods movement.

Maersk hired captain previously fired for sexual harassment. Dag Holmstad. *ShippingWatch*. 26 April 2023. Available from: <https://shippingwatch.com/carriers/Container/article15685529.ece> In 2020, Maersk hired a captain whom three years earlier had been fired from another shipping company for a serious case of sexual harassment.

Vessel ownership information a major indicator of illicit trade risk, report finds. John Basquill. *Global Trade Review*. 26 April 2023. Available from: <https://www.gtreview.com/news/global/vessel-ownership-information-a-major-indicator-of-illicit-trade-risk-report-finds/> Nearly three-quarters of vessels active in international trade that do not list their ownership information are likely to have potential ties to illicit activity, fresh research has found.

Vessel Ownership, Trade Finance and Regulatory Compliance. *Global Financial Integrity*. 14 April 2023. Available from: <https://gfintegrity.org/report/vessel-ownership-trade-finance-and-regulatory-compliance/> 🗣️ Financial institutions are increasingly expected to combat sanctions and financial crime compliance evasion by monitoring suspicious vessel behaviour. [Report](#) 📄

Shipping caught in the crossfire amid war of words as Ukraine grain deal renewal looms. Adam Corbett. *TradeWinds*. 28 April 2023. Available from: <https://www.tradewindsnews.com/opinion/shipping-caught-in-the-crossfire-amid-war-of-words-as-ukraine-grain-deal-renewal-looms/2-1-1440292> The unpopular Lavrov was in New York partly to discuss with UN secretary general Antonio Guterres a possible renewal of the deal, which expires on 18 May.

RESEARCH

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

Schinas O and Metzger D. **Cyber-seaworthiness: A critical review of the literature.** *Marine Policy*. 30 March 2023. Available from: <https://www.sciencedirect.com/science/article/pii/S0308597X23001197> This paper provides a thorough literature review of maritime cyber-risks and the maritime cyber-security policy framework, focusing on the concept of seaworthiness.

Timilsina A and Baygi F. **COVID-19 guidelines and its perceived effect on seafarers' health and wellbeing: A qualitative study.** *PLOS ONE*. 10 April 2023. Available from: <https://doi.org/10.1371/journal.pone.0284155> The COVID-19 pandemic and its guidelines have had a profound impact on the social life, health, and wellbeing of people around the world.

Lyu H, Hao Z, et al. **Ship Autonomous Collision-Avoidance Strategies - A Comprehensive Review.** *Journal of Marine Science and Engineering*. 14 April 2023. Available from: <https://www.mdpi.com/2077-1312/11/4/830> Autonomous decision-making for ships to avoid collision is core to the autonomous navigation of intelligent ships.

Ampatzidis D. **Leveraging Big Data in port state control: An analysis of port state control data and its potential for governance and transparency in the shipping industry.** *Data-Centric Engineering*. 14 April 2023. Available from: <https://www.cambridge.org/core/article/leveraging-big-data-in-port-state-control-an-analysis-of-port-state-control-data-and-its-potential-for-governance-and-transparency-in-the-shipping-industry/A3057A590CAEC20DA2F3F01505DD361F> The IMO along with couple European countries (Paris MoU) has introduced in 1982 the port state control inspections of vessels in national ports to evaluate their compliance with safety and security regulations.

Drillet G, Gianoli C, et al. **Improvement in compliance of ships' ballast water discharges during commissioning tests.** *Marine Pollution Bulletin*. 14 April 2023. Available from: <https://www.sciencedirect.com/science/article/pii/S0025326X23003429> The number of ships installing ballast water management systems (BWMS) has risen steeply since the Ballast Water Management Convention entered into force.

Braidotti L, Bertagna S, et al. **On the inconsistency and revision of Carbon Intensity Indicator for cruise ships.** *Transportation Research Part D: Transport and Environment*. 14 March 2023. Available from: <https://www.sciencedirect.com/science/article/pii/S1361920923000597> The Carbon Intensity Indicator (CII) is one of the major instruments to assess the CO₂ emissions coming from ship operations.

Song S, Chen Y, et al. **Adapting to a Foggy Future Along Trans-Arctic Shipping Routes.** *Geophysical Research Letters*. 24 April 2023. Available from: <https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2022GL102395> Rapid retreat of Arctic sea ice extends the area of open ocean for new trans-Arctic shipping routes.

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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.