



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

“Sharing Maritime Knowledge”

**CURRENT AWARENESS BULLETIN
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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

Arsenio Dominguez Velasco confirmed as next IMO Secretary-General

IMO Assembly approves decision of Council to appoint Mr. Dominguez Velasco as Secretary-General with effect from 1 January 2024.

Mr. Arsenio Antonio Dominguez Velasco has been confirmed as the next Secretary-General of the International Maritime Organization (IMO). The IMO Assembly unanimously approved (30 November) the decision of the Council at its 129th session ([C129](#)) to appoint him to the role.

Mr. Dominguez Velasco will take up the office of Secretary-General on 1 January 2024 for an initial term of four years, ending on 31 December 2027. He becomes the Organization's 10th elected Secretary-General. [More...](#)

IMO Assembly elects new 40-Member Council

Assembly of International Maritime Organization elected Members of its Council for 2024-2025 biennium.

The Council is the executive organ of IMO and is responsible, under the Assembly, for supervising the work of the Organization. Between sessions of the Assembly, the Council performs the functions of the Assembly, except that of making recommendations to Governments on maritime safety and pollution prevention.

The Assembly of the International Maritime Organization has elected the following States to be Members of the Council for the 2024-2025 biennium:

Category (a): 10 States with the largest interest in providing international shipping services (listed in alphabetical order):

China, Greece, Italy, Japan, Liberia, Norway, Panama, the Republic of Korea, the United Kingdom and the United States

Category (b): 10 States with the largest interest in international seaborne trade:

Australia, Brazil, Canada, France, Germany, India, Kingdom of the Netherlands, Spain, Sweden and the United Arab Emirates

Category (c): 20 States not elected under (a) or (b) above, which have special interests in maritime transport or navigation and whose election to the Council will ensure the representation of all major geographic areas of the world:

Bahamas, Bangladesh, Chile, Cyprus, Denmark, Egypt, Finland, Indonesia, Jamaica, Kenya, Malaysia, Malta, Mexico, Morocco, Peru, the Philippines, Qatar, Saudi Arabia, Singapore, and Türkiye.

IMO International Maritime Prize presented to Anneliese Jost

Anneliese Jost has been presented with the prestigious International Maritime Prize for 2022. Ms Jost was honoured at the annual IMO Awards Ceremony, held in London on 27 November. The ceremony followed the first day of the [33rd session of the IMO Assembly \(A33\)](#) which is taking place 27 November to 6 December. [More...](#)

Search and rescue officer Caleb Halle receives 2023 IMO Bravery Award

The 2023 IMO Award for Exceptional Bravery at Sea has been presented to Caleb Halle, Aviation Survival Technician Second Class (AST2) of the United States Coast Guard (USCG). He was recognised for the outstanding courage, endurance and determination he showed during the rescue of the seven-strong crew of the tugboat Legacy in January 2023. [More...](#)

LATEST PRESS BRIEFINGS

[EU boosts Maritime Technology Cooperation Centres Network project](#)

29 November 2023

[IMO-Republic of Korea SMART-C programme boost](#)

29 November 2023

[IMO Gender Equality Award to go to Despina Panayiotou Theodosiou](#)

24 November 2023

[Angola port gets Maritime Single Window](#)

21 November 2023

MEETING SUMMARIES AND SCHEDULE

Previous Meetings

[45th Consultative Meeting of Contracting Parties to the London Convention and the 18th Meeting of Contracting Parties to the London Protocol \(LC 45/LP 18\)](#) 2-6 October 2023

[Technical Cooperation Committee \(TC 73\)](#) 16-19 October 2023

IMO Council (C 130) 21-24 November 2023

Forthcoming Meetings

[IMO Assembly \(A 33\)](#) 27 November – 6 December 2023

IMO Council (C 131) 7 December 2023

[Programme of Meetings for 2023](#) 

[Preliminary programme of meetings for 2024](#) 

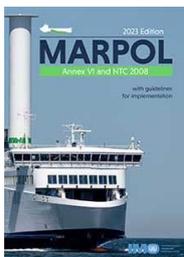
NEW IMO PUBLICATIONS



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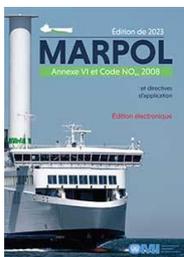
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MARPOL Annex VI & NTC 2008, 2023 Edition

Hard copy format: ID664E

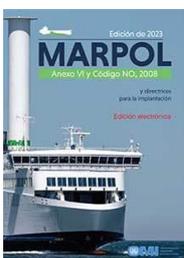
ISBN: 978-92-801-1752-3



MARPOL Annex VI & NTC 2008, 2023 Edition, French Edition

Digital format only: KD664F

ISBN: 978-92-801-2557-3



MARPOL Annex VI & NTC 2008, 2023 Edition, Spanish Edition

Digital format only: KD664S

ISBN: 978-92-801-3199-4

MARPOL Annex VI, Regulations for the prevention of air pollution from ships, covers the requirements in respect of both control of emissions of air pollutants from ships (chapter 3) and carbon intensity of international shipping (chapter 4). The requirements for control of nitrogen oxides (NO_x) emissions, given by chapter 3, are supplemented by the mandatory NO_x Technical Code 2008, which covers the testing, survey and certification of marine diesel engines.

This fifth edition of the consolidated texts of MARPOL Annex VI and the NOx Technical Code 2008 includes all amendments through to those adopted at MEPC 76 in June 2021, in particular those on the IMO short-term greenhouse gas (GHG) reduction measures (EEXI, CII and enhanced SEEMP).

Also contained are the current versions of the Guidelines and other information relevant to the application of MARPOL Annex VI and the NOx Technical Code 2008. These include all those related to:

- exhaust gas treatment systems and measures for reduction of NOx and SOx emissions from ships;
- improvement of energy efficiency to reduce GHG emissions from ships, related to chapter 4 of MARPOL Annex VI; and
- sulphur content of fuel oil used by ships.

This publication is intended to be of use to maritime administrations, recognized organizations, shipping companies, classification societies, educational institutes, shipbuilders and equipment manufacturers together with others with an interest in the prevention of air pollution from ships and in the technical and operational measures to improve the energy efficiency of ships.



Life-Saving Appliances (LSA Code), 2023 Edition

Digital format: KF982E
ISBN: 978-92-801-1753-0



Life-Saving Appliances (LSA Code), 2023 Edition, French Edition

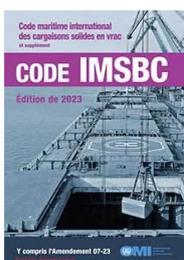
Digital format only: KF982F
ISBN: 978-92-801-2559-7



Life-Saving Appliances (LSA Code), 2023 Edition, Spanish Edition

Digital format only: KF982S
ISBN: 978-92-801-3200-7

This publication contains the three most important IMO instruments dealing with life-saving appliances, as updated, namely the *International Life-saving Appliance (LSA) Code (resolution MSC.48(66))*, the *Revised recommendation on testing of life-saving appliances (resolution MSC.81(70))* and the *Code of practice for evaluation, testing and acceptance of prototype novel life-saving appliances and arrangements (resolution A.520(13))*.



IMSBC Code, 2023 Edition (Amdt. 07-23), French Edition

Digital format only: KL260F

ISBN: 978-92-801-2554-2



IMSBC Code, 2023 Edition (Amdt. 07-23), Spanish Edition

Digital format only: KL260S

ISBN: 978-92-801-3197-0

The *International Maritime Solid Bulk Cargoes Code* (IMSBC Code), adopted on 4 December 2008 by resolution MSC.268(85), entered into force on 1 January 2011, from which date it was made mandatory under the provisions of the SOLAS Convention. The present edition incorporates Amendment 07-23, which may be applied from 1 January 2024 on a voluntary basis, anticipating its envisaged official entry into force on 1 January 2025.

This publication also presents additional information that supplements the IMSBC Code, such as the *Code of Practice for the Safe Loading and Unloading of Bulk Carriers* (BLU Code), BLU Manual and recommendations on the safe use of pesticides in ships applicable to the fumigation of cargo holds. The IMSBC Code and supplement is commended to Administrations, shipowners, shippers and masters and all others concerned with the standards to be applied in the safe stowage and shipment of solid bulk cargoes, excluding grain.



Performance Standards, 2023 Edition

Digital format only: KD978E

ISBN: 978-92-801-1754-7

As a result of the modernization of the Global Maritime Distress and Safety System (GMDSS) in 2022, several performance standards have been revised, consolidated, revoked or newly adopted. Most of these performance standards will be implemented as from 1 January 2024, in line with the entry into force of the amendments to SOLAS chapter IV and other related instruments.

The latest developments under SOLAS chapter V include amendments to the performance standards for shipborne voyage data recorders and simplified voyage data recorders, and revised performance standards for electronic chart display and information systems, which will introduce new IHO S-100 product specifications.

The present publication incorporates all performance standards for shipborne radiocommunications and navigational equipment and systems, including revisions or amendments thereto adopted up to June 2023.



MARPOL Consolidated Edition 2022, Russian Edition

Digital format only: KF520R

ISBN: 978-92-801-4278-5

The International Convention for the Prevention of Pollution from Ships, 1973 (MARPOL Convention), is concerned with preserving the marine environment through the prevention of pollution by oil and other harmful substances and the minimization of accidental discharge of such substances. Its technical content is laid out in six Annexes, the first five of which were adopted by the 1973 Convention, as modified by a 1978 Protocol. These Annexes cover pollution of the sea by oil, by noxious liquid substances in bulk, by harmful substances in packaged form, by sewage from ships and by garbage from ships. Annex VI was adopted by a further Protocol in 1997 and covers air pollution from ships.

The 2022 consolidated edition provides an easy and comprehensive reference to the up-to-date provisions and unified interpretations of the articles, Protocols and Annexes of the MARPOL Convention, including the incorporation of all of the amendments that have been adopted by the Marine Environment Protection Committee (MEPC) with entry into force up to 1 November 2022.



Basic Documents, Volume II, 2022 Edition, Chinese Edition

Digital format only: KC007C

ISBN: 978-92-801-6124-3

Basic Documents Volume II is a compendium of basic documents on the International Maritime Organization (IMO) and its Training Institutions and Regional Centre. It also includes agreements between IMO and other intergovernmental organizations.



Load Lines Convention, 2021 Edition, Chinese Edition

Digital format only: KC701C

ISBN: 978-92-801-6126-7

The *International Convention on Load Lines, 1966*, adopted by the International Conference on Load Lines on 5 April 1966, entered into force on 21 July 1968 and has been modified by the 1988 Protocol relating thereto and amended by Assembly and Maritime Safety Committee resolutions over the past 50 years.

This 2021 edition includes up-to-date, consolidated text in line with amendments adopted up to 1 July 2021, as well as updated unified interpretations that have been keyed to relevant articles and regulations.

UNITED NATIONS

Climate action: 'Take steps to close the adaptation gap, now'. *UN News.* 2 November 2023. Available from: <https://news.un.org/en/story/2023/11/1143102> The Adaptation Gap Report 2023 issued by the UN Environment Programme (UNEP), says the world is underprepared, under invested and lacking the necessary planning, leaving us all exposed.

2023 likely hottest year on record; further spike expected with El Niño. *UN News.* 8 November 2023. Available from: <https://news.un.org/en/story/2023/11/1143352> 2023 is "almost certain to be the warmest year on record" after October smashed temperature highs, while the mercury will keep rising as the warming El Niño effect continues well into next year.

UN honours 101 staff killed in Gaza conflict. *UN News.* 13 November 2023. Available from: <https://news.un.org/en/story/2023/11/1143512> 🗣️ The fallen colleagues worked for the UN agency that assists Palestine refugees, UNRWA, providing life-saving aid to Gaza's 2.2 million people, amid constant bombardment over the past month and a complete siege of the enclave.

'Close the climate ambition gap' says UN chief ahead of COP28. *UN News.* 14 November 2023. Available from: <https://news.un.org/en/story/2023/11/1143567> 🗣️ Mr. Guterres was commenting on the latest report by UN climate change body UNFCCC, which shows, he said, that global climate ambition stagnated over the past year and national climate plans are "strikingly misaligned" with the science.

'No end in sight' to rising greenhouse gas emissions: WMO. *UN News.* 15 November 2023. Available from: <https://news.un.org/en/story/2023/11/1143607> The Greenhouse Gas Bulletin comes ahead of the UN climate change conference COP28 which opens in Dubai in two weeks.

UN urges dramatic climate action as records keep tumbling. *UN News.* 20 November 2023. Available from: <https://news.un.org/en/story/2023/11/1143777> The 2023 Emissions Gap Report, released on Monday by the UN Environment Programme (UNEP), carried a clear message – unless countries step up climate action and deliver more than promised in their 2030 pledges, the world is heading for a 2.5-2.9°C temperature rise above pre-industrial levels.

Guterres urges G20 to lead the way in financial and climate justice. *UN News.* 22 November 2023. Available from: <https://news.un.org/en/story/2023/11/1143872> António Guterres said the world, particularly developing countries, is facing "a perfect storm", with growing inequalities, climate chaos, conflicts and hunger.

In visit to Antarctica, Guterres appeals for action to end 'climate anarchy'. *UN News.* 24 November 2023. Available from: <https://news.un.org/en/story/2023/11/1143947> António Guterres is in Antarctica this week, where he saw first-hand how climate change is impacting the world's southernmost continent, which is mostly covered in ice.

COP28 Opens in Dubai with Calls for Accelerated Action, Higher Ambition Against the Escalating Climate Crisis. *United Nations Framework Convention on Climate Change (UNFCCC).* 29 November 2023. Available from: <https://unfccc.int/news/cop28-opens-in-dubai-with-calls-for-accelerated-action-higher-ambition-against-the-escalating> The United Nations Climate Change Conference COP28 will open tomorrow with a resounding call to accelerate collective climate action.

CASUALTIES

Marine firefighting expert claims dive boat captain caused passengers' death.

Edvard Pettersson. *Courthouse News Service*. 31 October 2023. Available from:

<https://www.courthousenews.com/marine-firefighting-expert-claims-dive-boat-captain-caused-passengers-death/> A marine firefighting expert testified Tuesday that the captain of a dive boat that went up in flames four years ago off the coast of Central California caused the deaths of 33 passengers and one crew member who were trapped below deck.

Flooding and partial sinking of an inflatable migrant boat with at least 27 lives lost.

UK Marine Accident Investigation Branch (MAIB). 8 November 2023. Available from: <https://www.gov.uk/maib-reports/flooding-and-partial-sinking-of-an-inflatable-migrant-boat-with-at-least-27-lives-lost>

During the early hours of the morning on 24 November 2021, an inflatable boat with around 33 people on board became flooded and partially sank in the Dover Strait as the occupants were attempting to cross from France to the UK. [MAIB investigation report 7-2023: Inflatable migrant boat](#) 📄

Russian Missile Hits Bulker Arriving Odesa Killing Pilot and Injuring Crew.

Maritime Executive. 8 November 2023. Available from: <https://maritime-executive.com/article/russian-missile-hits-bulker-arriving-odesa-killing-pilot-and-injuring-crew>

Ukrainian officials are reporting that an unidentified cargo ship arriving in Odesa was struck by a Russian missile in the latest round of attacks on the port complex and Ukraine's grain infrastructure.

Pilot dies, crew injured and vessel damaged in Odesa missile attack.

Harry Papachristou. *TradeWinds*. 8 November 2023. Available from: <https://www.tradewindsnews.com/bulkers/pilot-dies-crew-injured-and-vessel-damaged-in-odesa-missile-attack/2-1-1551393>

A pilot was killed, a bulker was damaged and three of its Filipino crew members were injured during a Russian missile attack at a port in the Odesa region, the Ukrainian government said on Wednesday.

Lithium-ion Battery Explosion Leads to Fire on Oil Tanker.

US National Transportation Safety Board (NTSB). 9 November 2023. Available from: <https://www.nts.gov/news/press-releases/Pages/NR20231109.aspx>

The thermal runaway of a cell within a handheld radio's lithium-ion battery led to a fire on an oil tanker last year while docked in Baton Rouge, Louisiana, the National Transportation Safety Board said Thursday. [Marine Investigation Report 23-23](#) 📄

Stricken Amalie ferry reaches Latvian port safely.

ERR News (Estonia). 10 November 2023. Available from: <https://news.err.ee/1609160971/stricken-amalie-ferry-reaches-latvian-port-safely> 📄

A large scale rescue operation took place in Gulf of Riga overnight Thursday to Friday after a small ferry serving two of Estonia's smallest islands started listing.

Bulker Departing Ukraine Collides with Russian Cargo Ship off Bulgaria.

Maritime Executive. 10 November 2023. Available from: <https://maritime-executive.com/article/bulker-departing-ukraine-collides-with-russian-cargo-ship-off-bulgaria>

A Russian cargo ship and a dry bulk carrier collided off the coast of Bulgaria on November 8 and while no one was injured the circumstances of the incident remain unclear.

Fuel being removed from Russian tanker five days after grounding.

Gary Dixon. *TradeWinds*. 15 November 2023. Available from: <https://www.tradewindsnews.com/casualties/fuel-being-removed-from-russian-tanker-five-days-after-grounding/2-1-1554853>

Russian rescue workers have begun pumping fuel from a domestic product tanker that went aground five days ago off Sakhalin Island.

Police say a US tourist died when a catamaran carrying more than 100 people sank in the Bahamas. Dánica Coto. *Associated Press*. 15 November 2023. Available from:

<https://apnews.com/article/bahamas-boat-sank-us-tourist-died-13fa871ee181a2fec3b5fd6bf00da1cd>

A U.S. tourist died in the Bahamas after a catamaran carrying more than 100 people sank while traveling to a private island, police said Wednesday.

Cruise Passenger Dies in Sinking of Bahamas Excursion Boat. *Maritime Executive*.

14 November 2023. Available from: <https://maritime-executive.com/article/cruise-passenger-dies-in-sinking-of-bahamas-excursion-boat> A ferry boat carrying cruise ship passengers partially sank off the Bahamas on Tuesday, killing one person.

Cargill-chartered bulker damaged by Black Sea mine explosion. Eric Priante Martin and Harry Papachristou. *TradeWinds*. 17 November 2023. Available from:

<https://www.tradewindsnews.com/bulkers/cargill-chartered-bulker-damaged-by-black-sea-mine-explosion/2-1-1557038> A Greek-controlled ship on charter to US commodities giant Cargill has been damaged after hitting a mine off Ukraine, according to media reports.

One seafarer dead and 11 missing after cargo ship sinks in Black Sea storm. *TradeWinds*.

19 November 2023. Available from: <https://www.tradewindsnews.com/casualties/one-seafarer-dead-and-11-missing-after-cargo-ship-sinks-in-black-sea-storm/2-1-1557271> A general cargo ship with a dozen crew on board has sunk just off Turkey's Black Sea coast, in one of several casualties and groundings reported amid heavy seas.

Nine dead amid storm in Turkey; 11 missing from sunken ship. Daren Butler. *Reuters*.

20 November 2023. Available from: <https://www.reuters.com/world/middle-east/turkish-cargo-ship-with-12-crew-sinks-black-sea-2023-11-20/> Turkish rescue teams searched on Monday for 11 missing crew members of a cargo ship which sunk off the Black Sea coast amid storms that claimed the lives of at least nine people, including one from the ship, Interior Minister Ali Yerlikaya said.

Severe storms in Turkey leave 9 dead. 11 are still missing after a cargo ship sank in the Black Sea. *Associated Press*. 20 November 2023. Available from:

<https://apnews.com/article/turkey-weather-cargo-ship-sinking-1a6f0b1e1cd3c968ea351e1edd6d30c7> Severe storms and flooding have left nine people dead across Turkey, officials said Monday, including one seaman who died when a cargo ship sank off Turkey's Black Sea coast.

Cargo ship sinks in Black Sea as storms wreak havoc. *Hürriyet Daily News (Türkiye)*.

20 November 2023. Available from: <https://www.hurriyetaidailynews.com/cargo-ship-sinks-in-black-sea-as-storms-wreak-havoc-187977> Teams have reached the body of one of 12 crew members who went missing after their cargo ship got trapped in a fierce storm accompanied by torrential rains in the Black Sea and sank off the coast of Zonguldak, as at least nine people were killed in several flood-hit provinces.

Turkey searches Black Sea for lost sailors following deadly storms. *Al Jazeera*.

20 November 2023. Available from: <https://www.aljazeera.com/news/2023/11/20/stormy-weather-kills-9-in-turkey-leaves-11-sailors-missing> Turkey has launched a rescue mission to hunt for 11 missing sailors after deadly storms sank a cargo vessel, killing one.

MPV Everest engine room fire highlights the risks and challenges of operating in harsh, remote conditions. *Australian Maritime Safety Authority (AMSA)*. 24 November 2023. Available from: <https://www.atsb.gov.au/media/news-items/2023/mpv-everest-engine-room-fire-highlights-risks-and-challenges-operating-harsh-remote-conditions> On 5 April 2021, the 145 m *MPV Everest* was en route from Antarctica to Hobart with 37 crew and 72 Australian Antarctic Division (AAD) staff on board when a fire broke out in its port engine room. [Final Report](#)

Comoros-flagged cargo ship sinks in Aegean with 14 crew on board. Harry Papachristou. *TradeWinds*. 26 November 2023. Available from: <https://www.tradewindsnews.com/casualties/comoros-flagged-cargo-ship-sinks-in-aegean-with-14-crew-on-board/2-1-1560702> A 39-year-old cargo ship underway in the Aegean was lost amid heavy seas on Sunday and all but one of its 14 seafarers are dead or missing.

Chinese cargo ship sinks off S. Korea's southwestern coast after drifting from China. Kim Hyun-soo. *Yonhap News Agency (South Korea)*. 29 November 2023. Available from: <https://en.yna.co.kr/view/AEN20231129002252315> An unoccupied Chinese cargo ship sank in waters off South Korea's southwestern coast Wednesday, after drifting from a port in China's northeastern province of Shandong for nearly two weeks, the Coast Guard said.

ENVIRONMENT

Regional assessment highlights ongoing challenges for the Baltic Sea ecosystem. *Baltic Marine Environment Protection Commission (HELCOM)*. 30 October 2023. Available from: <https://helcom.fi/media-release-regional-assessment-highlights-ongoing-challenges-for-the-baltic-sea-ecosystem/> The Baltic Sea is facing increasing challenges due to climate change and biodiversity degradation driven by eutrophication, pollution, land use, and resource extraction, according to a report published by the Baltic Marine Environment Protection Commission (HELCOM) today. [State of the Baltic Sea 2023](#) 📄

Health of Baltic Sea worse, say experts. Jonathan Powell. *China Daily*. 3 November 2023. Available from: <https://www.chinadaily.com.cn/a/202311/03/WS654449c8a31090682a5ec337.html> The Baltic Sea is facing unprecedented challenges because of the climate crisis and biodiversity loss, with no improvement in the health of the sea recorded between 2016 and 2021, a report has warned, a situation aggravated by oil leakage from the recently damaged *Marco Polo* ferry that ran aground off the coast of Sweden on Oct 22.

Q2'23 Carbon emission Wrap Up | the scores are in... and we have a new number ONE. *Hellenic Shipping News*. 7 November 2023. Available from: <https://www.hellenicshippingnews.com/q223-carbon-emission-wrap-up-the-scores-are-in-and-we-have-a-new-number-one/> 2023 has seen further chaos in ocean freight rates as carriers battle to balance capacity and demand – but have these choppy financial waters brought unintended

One Planet - Polar Summit: Melting ice takes center stage in Paris meeting. *France 24*. 8 November 2023. Available from: <https://www.france24.com/en/video/20231108-one-planet-polar-summit-melting-ice-takes-center-stage-in-paris-meeting> 📺 The One Planet - Polar Summit, the first international summit dedicated to glaciers and poles, opened in Paris at the Natural History Museum as part of the sixth Paris Peace Forum.

Can we still avoid 1.5 degrees C of global warming? Bob Henson. *Yale Climate Connections*. 9 November 2023. Available from: <https://yaleclimateconnections.org/2023/11/can-we-still-avoid-1-5-degrees-c-of-global-warming/> 🗉. Strictly speaking, it's not yet impossible to keep from heating our world more than 1.5 degrees Celsius beyond the average global air temperature of the mid-to-late 1800s, when the Industrial Revolution was gaining momentum.

Iceland volcano: Emergency declared over volcano Fagradalsfjall eruption concerns. Adam Durbin. *BBC News*. 12 November 2023. Available from: <https://www.bbc.co.uk/news/world-europe-67387827> 🗉. The chance of a volcanic eruption in Iceland is rising, posing a threat to a now-evacuated town, experts say.

Emissions Gap Report 2023. *United Nations Environment Programme (UNEP)*. 20 November 2023. Available from: <https://www.unep.org/resources/emissions-gap-report-2023> 🗉. As greenhouse gas emissions hit new highs, temperature records tumble and climate impacts intensify, the Emissions Gap Report 2023: Broken Record – Temperatures hit new highs, yet world fails to cut emissions (again) finds that the world is heading for a temperature rise far above the Paris Agreement goals unless countries deliver more than they have promised.

Small island nations most at risk from climate change events. *Radio New Zealand*. 20 November 2023. Available from: <https://www.rnz.co.nz/news/national/502810/small-island-nations-most-at-risk-from-climate-change-events> Small island nations, mainly in the Caribbean and Pacific, are most at risk from catastrophic damage caused by greenhouse gases, new research by Victoria University economics professor Ilan Noy and others concludes.

Swathes of Earth are turning into desert — but the degradation can be stopped. *Nature*. 21 November 2023. Available from: <https://www.nature.com/articles/d41586-023-03621-2> Last week, Samarkand in Uzbekistan hosted an important intergovernmental conference on how to halt the creeping spread of degraded land.

A23a: World's biggest iceberg on the move after 30 years. Jonathan Amos. *BBC News*. 24 November 2023. Available from: <https://www.bbc.co.uk/news/science-environment-67507558> The iceberg, called A23a, split from the Antarctic coastline in 1986. But it swiftly grounded in the Weddell Sea, becoming, essentially, an ice island.

2023 shatters climate records, with major impacts. *World Meteorological Organization (WMO)*. 30 November 2023. Available from: <https://wmo.int/news/media-centre/2023-shatters-climate-records-major-impacts> 2023 has shattered climate records, accompanied by extreme weather which has left a trail of devastation and despair, according to the World Meteorological Organization. [Provisional State of the Global Climate in 2023](#) 🗉. [Report](#) 📄

ENVIRONMENTAL POLLUTION

Scientists caution against a reliance on mechanical devices to clear water bodies of plastic.

Alan Williams. *University of Plymouth (UK)*. November 2023. Available from:

<https://www.plymouth.ac.uk/news/scientists-caution-against-a-reliance-on-mechanical-devices-to-clear-water-bodies-of-plastic> An international group of scientists has cautioned against reliance on mechanical cleanup devices as a means of addressing the plastic pollution crisis.

New oil leak reported after a ferry that repeatedly ran aground off the Swedish coast is pulled free.

Associated Press. 1 November 2023. Available from:

<https://apnews.com/article/sweden-oil-slick-marco-polo-baltic-sea-a9d2ff1b02ecab606ad35e9a61968f99> A ferry that had ran aground last month off southeastern Sweden and started leaking oil into the Baltic Sea was pulled free on Wednesday and anchored nearby, the Swedish Coast Guard said.

3rd release of Fukushima treated radioactive water begins.

Kyodo News (Japan). 2 November 2023. Available from:

<https://english.kyodonews.net/news/2023/11/511a7ad77d6e-3rd-release-of-fukushima-treated-radioactive-water-begins.html> The third release of treated radioactive water from the crippled Fukushima Daiichi nuclear power plant into the sea began Thursday, the plant operator said, with China and Russia's opposition to the move unchanged since August.

Cruise ships polluting UK coast as they ignore greener power options.

Ben Webster, Lucas Amin and Jon Ungeod-Thomas. *The Guardian*. 4 November 2023. Available from:

<https://www.theguardian.com/environment/2023/nov/04/cruise-ships-polluting-uk-coast-as-they-ignore-greener-power-options> Cruise ships visiting Britain are frequently failing to plug into "zero emission" onshore power and instead running their engines and polluting the local environment with fumes.

Marine plastic: new method for choosing the best clean-up technologies.

European Commission. 8 November 2023. Available from:

https://environment.ec.europa.eu/news/marine-plastic-new-method-choosing-best-clean-technologies-2023-11-08_en Researchers have developed a framework for evaluating technologies that reduce marine plastic pollution.

New study launched highlighting the positive impacts of turning down the volume.

International Chamber of Shipping (ICS). 15 November 2023. Available from:

<https://tinyurl.com/5n96a4jx> New study by the University of Southampton, commissioned by the International Chamber of Shipping, highlights synergies between the implementation of energy efficiency measures and reduction of underwater radiated noise (URN).

The impact of shipping's energy efficiency measures on reduction of underwater radiated noise, and opportunities for co-benefit.

S. Vakili, P. White and S.R. Turnock. *University of Southampton (UK)*. 14 November 2023. Available from:

<https://www.ics-shipping.org/wp-content/uploads/2023/11/Final-report-ver-4-02-11-Vahid-Without-track-changes.pdf> This study has been undertaken to assess the interrelationship between measures aimed at enhancing ship energy efficiency and mitigating URN emissions.

Pollution from ships: stricter measures to stop illegal discharges.

European Parliament. 16 November 2023. Available from:

<https://www.europarl.europa.eu/news/en/press-room/20231114IPR10506/> On Thursday, Transport and Tourism Committee voted to update EU rules on preventing pollution from ships in European seas and ensuring perpetrators face fines.

Deep Trouble: The Risks of Offshore Carbon Capture and Storage (November 2023).

Center for International Environmental Law (CIEL). 16 November 2023. Available from: <https://www.ciel.org/reports/deep-trouble-the-risks-of-offshore-carbon-capture-and-storage-november-2023> Facing growing scrutiny over their contributions to climate change, polluting industries are increasingly looking for ways to cover up their continued emissions rather than phase out the fossil fuels driving them. [Report](#) 

Can ships steer away from air pollution? *Sky News*. 18 November 2023. Available from: <https://news.sky.com/story/can-ships-steer-away-from-air-pollution-13010491>  Shipping, in the form of cruises, ferries and defence, accounts for around 2% of our emissions that contribute to global warming - just a little less than aviation.

SPREP calls for more robust regime to address the full life cycle of Ghost Gear. *Secretariat of the Pacific Regional Environment Programme (SPREP)*. 19 November 2023. Available from: <https://www.sprep.org/news/sprep-calls-for-more-robust-regime-to-address-the-full-life-cycle-of-ghost-gear> Abandoned, Lost, Discarded Fishing Gear (ALDFG), also known as Ghost Gear, is one of the most harmful forms of marine debris devastating our Ocean.

Search is on for pipeline leak after as much as 1.1 million gallons of oil sullies Gulf of Mexico. Kevin McGill. *Associated Press*. 21 November 2023. Available from: <https://apnews.com/article/oil-pipeline-leak-louisiana-gulf-2cad7b5e16298f966b5033466822c229> As much as 1.1 million gallons of oil may have been discharged into the Gulf of Mexico from a pipeline system off Louisiana's southeast coast, the U.S. Coast Guard said Tuesday.

The Ocean Race to help collect rare data in remote areas of Antarctica. *The Ocean Race*. 28 November 2023. Available from: <https://www.theoceanrace.com/en/news/14657> The Ocean Race is driving an Antarctic science mission in which vital data about the health of the ocean will be gathered at the southern fringes of the planet, where information is extremely sparse.

HEALTH & SAFETY

Maritime corridor, floating hospitals for Gaza in focus at Paris conference. Michele Kambas, John Irish and Gabriela Baczynska. *Reuters*. 7 November 2023. Available from: <https://www.reuters.com/world/middle-east/maritime-corridor-floating-hospitals-gaza-focus-paris-conference-2023-11-07/> World powers meet in Paris on Thursday to coordinate aid and help for the wounded in the Palestinian enclave of Gaza, with the possible creation of a maritime corridor, naval medical facilities and field hospitals to be considered, European diplomats said.

Safety tips and checklists feature on new app for seafarers. *UK Maritime & Coastguard Agency*. 14 November 2023. Available from: <https://www.gov.uk/government/news/safety-tips-and-checklists-feature-on-new-app-for-seafarers> A new app for seafarers, launched by the Maritime and Coastguard Agency (MCA), is a chance for those working at sea to have safety advice, checklists and important resources at their fingertips.

Warning issued as Soviet gas masks containing asbestos found on bulker. Gary Dixon. *TradeWinds*. 16 November 2023. Available from: <https://www.tradewindsnews.com/bulkers/warning-issued-as-soviet-gas-masks-containing-asbestos-found-on-bulker/2-1-1556040> Seafarers have been warned about the dangers of using old equipment after gas masks containing asbestos were found on board a bulk carrier.

17% of seafarers are victims of bullying and harassment - survey. Marcus Hand. *Seatrade Maritime News*. 21 November 2023. Available from: <https://www.seatrade-maritime.com/crewing/17-seafarers-are-victims-bullying-and-harassment-survey> Andreas Nordseth, Director General of the DMA, presented findings from a survey conducted with seafarers onboard Danish-flagged ships at Seatrade Maritime Crew Connect 2023 on Tuesday.

CMSS Research Report: Bullying and harassment in the Danish merchant fleet. Lisa Loloma Froholdt, Sisse Grøn, et al. *Centre of Maritime Health and Society (CMSS) University of Southern Denmark*. October 2023. Available from: https://portal.findresearcher.sdu.dk/files/242498252/2023.09.25_SDU_CMSS_BaHDIS_Report_UK_FINAL.pdf The Minister for Industry, Business and Financial Affairs asked the Danish Maritime Authority to conduct an external study of the extent of bullying and harassment among seafarers on Danish vessels.

Wellbeing and welfare boost for Indian cadets. *Sailors' Society*. 23 November 2023. Available from: <https://www.sailors-society.org/news/wellbeing-and-welfare-boost-for-indian-cadets> Thousands of cadets and trainees in India will benefit from in-depth wellness training and support thanks to funding from the ITF Seafarers' Trust.

Red Sea attacks on ships spark safety concerns for sailors. Jonathan Saul and Carolyn Cohn. *Reuters*. 29 November 2023. Available from: <https://www.reuters.com/world/middle-east/red-sea-attacks-ships-spark-safety-concerns-sailors-2023-11-29/> Commercial ships face increasing dangers at sea after armed groups have attacked and seized vessels in waters around the Red Sea and off the coast of Yemen, adding to perils for seafarers, shipping officials said on Wednesday.

IMO

IMO's Kitack Lim urges shipping stakeholders to strive for seafarer safety. Jonathan Boonzaier. *TradeWinds*. 6 November 2023. Available from: <https://www.tradewindsnews.com/insight/imo-s-kitack-lim-urges-shipping-stakeholders-to-strive-for-seafarer-safety/2-1-1549345> Kitack Lim, with less than two months to go before he steps down from his role as secretary general of the International Maritime Organization, has called for all shipping stakeholders to collectively strive for the highest standards, ensuring that every seafarer is treated with the utmost respect and dignity.

IMO calls for new rules for transporting flammable batteries. Sebastian Schlüter Jacobsen. *ShippingWatch*. 6 November 2023. Available from: <https://shippingwatch.com/carriers/article16578388.ece> The increasing number of fires on vessels, which reached a record-high in 2022, needs to be addressed, according to the UN's maritime organization, IMO, which points the finger at lithium batteries for electric cars in particular, writes the Financial Times.

IMO dangles \$500,000 carrot in front of tech firms for green projects. Craig Eason. *TradeWinds*. 10 November 2023. Available from: <https://www.tradewindsnews.com/esg/imo-dangles-500-000-carrot-in-front-of-tech-firms-for-green-projects/2-1-1552280> The IMO is looking for technology companies to give research funds to.

Chikunga receives specialised agency to audit SA's marine operations. *South African Government News Agency*. 13 November 2023. Available from: <https://www.sanews.gov.za/south-africa/chikunga-receives-specialised-agency-audit-sas-marine-operations> Transport Minister Sindisiwe Chikunga has officially welcomed the IMO audit team who are in the country to conduct a mandatory audit under the IMO's Member State Audit Scheme (IMSAS).

Int'l audit prompts action plan from MARINA, other gov't agencies. Raymond Carl Dela Cruz. *Philippine News Agency (PNA)*. 13 November 2023. Available from: <https://www.pna.gov.ph/articles/1213570> The Maritime Industry Authority (MARINA) and several other government agencies have banded together to ensure the country's compliance with the recent IMO Member State Audit Scheme (IMSAS) on the country's shipping sector.

Simplified Global GHG Fuel Standard for marine fuels put forward to help meet net zero target. *International Chamber of Shipping (ICS)*. 20 November 2023. Available from: <https://www.ics-shipping.org/press-release/simplified-global-ghg-fuel-standard-for-marine-fuels-put-forward-to-help-meet-net-zero-target/> The ICS and the International Bunker Industry Association have joined forces to submit a proposal for a simplified Global GHG Fuel Standard for the next round of IMO greenhouse gas negotiations.

IMO tightens up security after Poseidon Adventure. Paul Peachey. *TradeWinds*. 20 November 2023. Available from: <https://www.tradewindsnews.com/regulation/imo-tightens-up-security-after-poseidon-adventure/2-1-1556790> When Poseidon and two mermaids waltzed into the International Maritime Organization to discuss shipping emissions they managed it through the "misuse of passes and registrations", according to a submission to the United Nations body.

Cypriot receives IMO Gender Equality Award. *Financial Mirror (Cyprus)*. 23 November 2023. Available from: <https://www.financialmirror.com/2023/11/23/cypriot-receives-imo-gender-equality-award/> Cypriot Despina Theodosiou has received the International Maritime Organisation's (IMO) first Gender Equality Award.

Vietnam joins ballast water management convention. *VietnamPlus*. 24 November 2023. Available from: <https://en.vietnamplus.vn/vietnam-joins-ballast-water-management-convention/271769.vnp> The Government has agreed that Vietnam will join the International Convention for the Control and Management of Ships' Ballast Water and Sediments (BWM).

Geopolitics and dark shipping to dominate IMO assembly. Michelle Wiese Bockmann. *Lloyd's List*. 24 November 2023. Available from: <https://www.lloydslist.com/LL1147395/> The International Maritime Organization will decide this week whether to strip Russia from its coveted "category A" status when members vote to elect new council members.

ITU INTERVIEWS @ World Radio Communications Conference WRC-23. *International Telecommunication Union*. 28 November 2023. Available from: <https://soundcloud.com/ituproduction/itu-interviews-wrc-23-javier-yasnikouski-maritime-safety-division-imo>  Interview with Javier Yasnikouski, IMO Maritime Safety Division.

MAN Energy Solutions: It will take more than green fuels to achieve climate goals. Mette Grube Condrup. *ShippingWatch*. 29 November 2023. Available from: <https://shippingwatch.com/article16643711.ece> Only with more energy efficiency improvements - and a plan from the IMO - can the world fleet meet its 2030 reduction targets, MAN Energy Solutions concludes in an analysis.

The implications of the IMO Revised GHG Strategy for shipping. Ludovic Laffineur, Femke Spiegelenberg, Ingrid Sidenvall Jegou, et al. *Global Maritime Forum*. 29 November 2023. Available from: <https://www.globalmaritimeforum.org/news/the-implications-of-the-imo-revised-ghg-strategy-for-shipping> A key milestone was reached in July 2023, when Member States of the IMO, during its 80th Marine Environment Protection Committee meeting, agreed on a revised greenhouse gas (GHG) strategy. [Full Insight Brief](#) 

LAW & POLICY

Drug traffickers filmed jumping off CMA CGM container ship with cocaine bales. Gary Dixon.

TradeWinds. 31 October 2023. Available from:

<https://www.tradewindsnews.com/containerhips/drug-traffickers-filmed-jumping-off-cma-cgm-container-ship-with-cocaine-bales/2-1-1545690> Extraordinary footage of drug traffickers leaping from a CMA CGM-operated container ship off Spain has illustrated the ongoing menace faced by seafarers.

Seychelles hosts UNODC's maritime rule of law exercise for regional partners. Sedrick Nicette.

Seychelles News Agency. 31 October 2023. Available from:

<http://www.seychellesnewsagency.com/articles/19553/Seychelles+hosts+UNODC%27s+maritime+rule+of+law+exercise+for+regional+partners> For the second year running, Seychelles is hosting the Maritime Rule of Law Exercise (MROLEX) of the United Nations Office on Drugs and Crime.

How to run a climate COP, according to the grandfather of the Paris deal. Benjamin Legendre

and Ivan Couronne. *Phys.org*. 31 October 2023. Available from: <https://phys.org/news/2023-10-climate-cop-grandfather-paris.html> Paris, 2015 and the warnings of climate breakdown were growing ever louder.

Giant octopus rises from the Thames at Parliament to demand sea-change in ocean protection.

Alison Kirkman. *Greenpeace International*. 1 November 2023. Available from:

<https://www.greenpeace.org.uk/news/giant-octopus-rises-from-the-thames-at-parliament-to-demand-sea-change-in-ocean-protection/> An inflatable octopus larger than a double decker bus rose from the Thames this morning outside the Houses of Parliament to demand a sea-change in the UK government's approach to ocean protection.

U.S. Collaborates with Djiboutian Coast Guard to Strengthen Environmental Protection and Maritime Security.

United States Embassy in Djibouti. 5 November 2023. Available from:

<https://dj.usembassy.gov/u-s-collaborates-with-djiboutian-coast-guard-to-strengthen-environmental-protection-and-maritime-security/> U.S. law enforcement personnel recently partnered with the Djiboutian Coast Guard to enhance maritime security and strengthen bilateral ties between the United States and Djibouti.

Price of imports expected to rise as EU environmental shipping tax looms. James Cummings.

Times of Malta. 5 November 2023. Available from: <https://timesofmalta.com/articles/view/price-imports-expected-rise-eu-environmental-shipping-tax-looms.1065546> The introduction of a new EU environmental tax on shipping next year is expected to lead to more costly imports and higher export costs, the Malta Freeport has warned.

Forum wants action on climate finance and Loss and Damage. Nic Maclellan.

Pacific Islands News Association (PINA). 6 November 2023. Available from: <https://pina.com.fj/2023/11/06/forum-wants-action-on-climate-finance-and-loss-and-damage/> As the region faces an El Nino summer and Vanuatu reels from the devastation of Cyclone Lola – the third Category 5 cyclone to hit the nation in seven months – it's no surprise that climate change is high on the agenda at this year's Pacific Islands Forum.

Impasse broken on climate fund before COP28 but tough road ahead. Valerie Volcovici and Kate Abnett. *Reuters*. 6 November 2023. Available from: <https://www.reuters.com/sustainability/sustainable-finance-reporting/impasse-broken-climate-fund-before-cop28-tough-road-ahead-2023-11-06/> Final talks over the weekend to agree a proposal for a new climate disaster fund averted a deadlock ahead of the U.N.'s COP28 climate summit later this month, but cracked open tough new questions about who will pay and how soon.

Pacific advocacy to get the world back on track for a 1.5 net zero future. *Pacific Islands News Association (PINA)*. 6 November 2023. Available from: <https://pina.com.fj/2023/11/06/pacific-advocacy-to-get-the-world-back-on-track-for-a-1-5-net-zero-future/> Pacific countries will advocate to get the World back on track for a 1.5 net zero future at the upcoming COP28 climate change negotiations to be held later this month in the United Arab Emirates (UAE), says Forum Secretary General, Henry Puna.

Blue Economy Is Key To Africa's Prosperity – Tinubu. Yusuf Babalola. *Leadership (Nigeria)*. 6 November 2023. Available from: <https://leadership.ng/blue-economy-is-key-to-africas-prosperity-tinubu/> President Bola Ahmed Tinubu, has urged African leaders to prioritise optimising potentials in the blue economy, saying it holds the key to Africa's prosperity.

Science needs to be the foundation of the new Plastics Treaty. Ieva Rucevska and Natalia Skripnikova. *GRID-Arendal*. 7 November 2023. Available from: <https://news.grida.no/science-needs-to-be-the-foundation-of-the-new-plastics-treaty> The innovation by chemists, resulting in the creation of a long polyethylene chain out of the small chemical monomer ethylene, has been a ground-breaking discovery, awarded the Nobel Prize in Chemistry in 1963. [Report](#) 📄

With The “High Seas Treaty” on Biodiversity Signed, What Do We Need to Do Next? *ECO Magazine*. 7 November 2023. Available from: <https://www.ecomagazine.com/features/with-the-high-seas-treaty-on-biodiversity-signed-what-do-we-need-to-do-next> Representatives of over 80 countries have already signed the long-awaited Biodiversity Beyond National Jurisdiction (BBNJ) Agreement, or the “High Seas Treaty”.

COP28: MEPs want all countries to strengthen their climate commitments. *European Parliament*. 7 November 2023. Available from: <https://www.europarl.europa.eu/news/en/press-room/20231031IPR08712/cop28-meps-want-all-countries-to-strengthen-their-climate-commitments> World powers meet in Paris on Thursday to coordinate aid and help for the wounded in the Palestinian enclave of Gaza, with the possible creation of a maritime corridor, naval medical facilities and field hospitals to be considered, European diplomats said.

McKinsey & Company pushes fossil fuel interests as advisor to UN climate talks, whistleblowers say. *France 24*. 7 November 2023. Available from: <https://www.france24.com/en/live-news/20231107-top-consultancy-undermining-climate-change-fight-whistleblowers> Behind closed doors, the US-based firm has proposed future energy scenarios to the agenda setters of the summit that are at odds with the climate goals it publicly espouses, an AFP investigation has found.

World Bank to initially host loss and damage fund under draft deal. Joe Lo. *Climate Home News*. 7 November 2023. Available from: <https://www.climatechangenews.com/2023/11/07/world-bank-to-initially-host-loss-and-damage-fund-under-draft-deal/> 📄 After nearly a year of talks, government negotiators on Saturday struck a tentative deal on what a new fund for climate victims will look like.

UN chief says it will be difficult to revive Black Sea grain deal. Alessandra Galloni and Michelle Nichols. *Reuters*. 8 November 2023. Available from: <https://www.reuters.com/world/europe/reuters-next-un-chief-says-it-will-be-difficult-revive-black-sea-grain-deal-2023-11-08/> United Nations Secretary-General Antonio Guterres told Reuters NEXT on Wednesday that it will be difficult to revive a landmark deal that allowed the safe Black Sea export of Ukraine grain, which Russia quit in July over complaints about its own exports.

No yield harvested from UN endeavours to revive Black Sea grain deal - Lavrov. *TASS Russian News Agency*. 8 November 2023. Available from: <https://tass.com/politics/1703287> The United Nations has effectively failed in its attempts to revive the Black Sea grain deal, Russian Foreign Minister Sergey Lavrov told an ambassadorial roundtable discussion on resolving the Ukraine crisis.

The oceans need a deep sea mining moratorium, not regulations that allow destruction. *Greenpeace International*. 8 November 2023. Available from: <https://www.greenpeace.org/international/press-release/63549/the-oceans-need-a-deep-sea-mining-moratorium-not-regulations-that-allow-destruction/> The latest meeting of the International Seabed Authority (ISA) Council, a body made up of 36 governments, finishes today with opposition to deep sea mining still growing.

Governments plan to produce double the fossil fuels in 2030 than the 1.5°C warming limit allows. *United Nations Environment Programme (UNEP)*. 8 November 2023. Available from: <https://www.unep.org/news-and-stories/press-release/governments-plan-produce-double-fossil-fuels-2030-15degc-warming> A major new report published today finds that governments plan to produce around 110% more fossil fuels in 2030 than would be consistent with limiting warming to 1.5°C, and 69% more than would be consistent with 2°C. [Production Gap Report 2023](#) 🇺🇸

'It inspires people': Experts call for larger role for ocean at climate talks. Fermín Koop. *China Dialogue Ocean*. 8 November 2023. Available from: <https://chinadialogueocean.net/en/climate/it-inspires-people-experts-call-for-larger-role-for-ocean-at-climate-talks/> It's only three weeks until the annual UN climate conference takes place in Dubai, United Arab Emirates.

Navigating Troubled Waters: The Superyacht Market's Legal Sea of Complexity. Paul Sills. *SuperyachtNews*. 8 November 2023. Available from: <https://www.superyachtnews.com/press-release/35354/navigating-troubled-waters-the-superyacht-markets-legal-sea-of-complexity> The superyacht market, an industry characterized by leading-edge design and luxury, continues to expand its horizons with a growing fleet of majestic vessels that capture the essence of exclusivity and freedom.

Independent inquiry launched into 2021 Channel crossing tragedy. *UK Marine Accident Investigation Branch (MAIB)*. 9 November 2023. Available from: <https://www.gov.uk/government/news/independent-inquiry-launched-into-2021-channel-crossing-tragedy>; Transport Secretary Mark Harper has announced an inquiry is to be established to look into the events of 24 November 2021, when at least 27 people lost their lives crossing the Channel.

Ukraine export corridor freight costs reverse brief rise. Pavel Polityuk. *Reuters*. 10 November 2023. Available from: <https://www.reuters.com/world/europe/ukraine-corridor-freight-costs-up-after-missile-attack-brokers-say-2023-11-10/> Freight costs for ships in Ukraine's alternative export corridor have eased back to their former levels, a government source said on Friday, after brokers said earlier they had risen following an attack on a cargo vessel in the Black Sea off Odesa.

Australia offers climate refuge to Tuvalu citizens. *Pacific Islands News Association (PINA)*. 11 November 2023. Available from: <https://pina.com.fj/2023/11/11/australia-offers-climate-refuge-to-tuvalu-citizens/> Australia has offered refuge to citizens of Tuvalu because of the catastrophic impacts of climate change, in a landmark new pact.

Forum outcomes cover environment, security and gender. *Pacific Islands News Association*. 11 November 2023. Available from: <https://pina.com.fj/2023/11/11/forum-outcomes-cover-environment-security-and-gender/> Meeting in Cook Islands, Pacific Islands Forum leaders confirmed former President of Nauru Baron Waqa as the next Secretary General of the Forum Secretariat, taking over from Henry Puna in 2024.

What to expect during pivotal talks to end plastic pollution. *United Nations Environment Programme (UNEP)*. 13 November 2023. Available from: <https://www.unep.org/news-and-stories/story/what-expect-during-pivotal-talks-end-plastic-pollution> Negotiators will gather in Nairobi, Kenya, from 13-19 November for the latest in a series of talks designed to forge a legally binding global instrument to end plastic pollution.

Nations negotiate terms of global plastic pollution treaty in Kenya. *France 24*. 13 November 2023. Available from: <https://www.france24.com/en/live-news/20231113-nations-negotiate-terms-of-plastics-treaty-in-nairobi> Some 175 countries agreed last year to conclude by 2024 a UN treaty to address the plastic blighting oceans, floating in the atmosphere, and infiltrating the bodies of animals and humans.

Climate groups demand COP28 aims for formal energy transition deal. *Channel News Asia*. 14 November 2023. Available from: <https://www.channelnewsasia.com/sustainability/cop28-energy-transition-deal-climate-groups-demand-3917341> Around 100 climate campaign groups warned COP28 organisers on Nov 13 that the success of critical upcoming talks in Dubai rests on whether countries can negotiate a formal agreement to replace polluting fossil fuels with clean power.

New Analysis of National Climate Plans: Insufficient Progress Made, COP28 Must Set Stage for Immediate Action. *United Nations Framework Convention on Climate Change (UNFCCC)*. 14 November 2023. Available from: <https://unfccc.int/news/new-analysis-of-national-climate-plans-insufficient-progress-made-cop28-must-set-stage-for-immediate> A new report from UN Climate Change finds national climate action plans remain insufficient to limit global temperature rise to 1.5 degrees Celsius and meet the goals of the Paris Agreement.

Sea dumping legislation paves way for Santos's carbon capture and storage project. Daniel Fitzgerald. *ABC (Australia)*. 14 November 2023. Available from: <https://www.abc.net.au/news/2023-11-14/sea-dumping-carbon-capture-storage-legislation-santos-barossa/103078290> The federal government's Environment Protection (Sea Dumping) Amendment (Using New Technologies to Fight Climate Change) Bill has passed the Senate with the support of the Coalition. [Video](#)

Marsh McLennan collaborates with Ukrainian government, banks, and insurers to provide cost-effective insurance for Black Sea grain. *Marsh*. 15 November 2023. Available from: <https://www.marsh.com/uk/about/media/mmc-collaborates-with-ukraine-govt-to-provide-cost-effective-insurance.html> Marsh McLennan (NYSE: MMC), the world's leading professional services firm in the areas of risk, strategy and people, in collaboration with the Ukrainian government, the Export Credit Agency of Ukraine, Ukreximbank, Ukgasbank and DZ Bank, today announced the launch of a new facility – Unity – to provide affordable insurance supporting the export of grain and other critical food supplies globally from Ukraine's Black Sea ports.

Cocaine found on anchor chain of Berge Bulk cape. *Adis Ajdin. Splash 247.com.*

15 November 2023. Available from: <https://splash247.com/cocaine-found-on-anchor-chain-of-berge-bulk-cape/> Turkish authorities have seized nearly 52kg of cocaine on Berge Bulk's capesize off the coast of Adana Yumurtalik in Iskenderun Bay.

CITES Standing Committee Considers Interactions with High Seas Treaty. *International Institute for Sustainable Development (IISD).* 15 November 2023. Available from:

<https://sdg.iisd.org/news/cites-standing-committee-considers-interactions-with-high-seas-treaty/>

The Standing Committee (SC) of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) adopted recommendations on consideration of possible future interaction between CITES and the new agreement on marine biodiversity in areas beyond national jurisdiction (BBNJ) under the UN Convention on the Law of the Sea (UNCLOS).

European shipowners call for clean affordable fuels for shipping before Parliament vote on trucks CO2 standards. *European Community Shipowners' Associations (ECSA).*

16 November 2023. Available from: <https://www.ecsa.eu/news/european-shipowners-call-clean-affordable-fuels-shipping-parliament-vote-trucks-co2-standards> Ahead of the plenary vote on CO2 standards for heavy-duty vehicles, European shipowners highlight once more the urgent need to make clean affordable fuels available for shipping. [Full Statement](#) 📄

Deal reached on stricter EU rules for waste shipments. *European Parliament.*

17 November 2023. Available from: <https://www.europarl.europa.eu/news/en/press-room/20231114IPR10510/> The agreed law aims to protect the environment and human health more effectively, while contributing to achieve the EU's climate neutrality, circular economy and zero pollution goals.

Third session of negotiations on an international plastics treaty advance in Nairobi.

United Nations Environment Programme (UNEP). 19 November 2023. Available from: <https://www.unep.org/news-and-stories/press-release/third-session-negotiations-international-plastics-treaty-advance> The third session of the Intergovernmental Negotiating Committee to develop an international legally binding instrument on plastic pollution, including in the marine environment (INC-3), concluded today in Nairobi, Kenya, with agreement on a starting point for negotiations at the fourth session (INC-4).

Progress on plastic pollution treaty too slow, scientists say. *Nature.* 20 November 2023.

Available from: <https://www.nature.com/articles/d41586-023-03579-1> Scientists rallied last week to support delegates working on a global treaty to eliminate plastic pollution at the United Nations Environment Programme (UNEP) headquarters in Nairobi.

Creation of Maritime, Blue Economy Ministry Lauded. *This Day (Nigeria).* 21 November 2023.

Available from: <https://www.thisdaylive.com/index.php/2023/11/21/creation-of-maritime-blue-economy-ministry-lauded> Stakeholders in the maritime industry have lauded the creation of the Ministry of Marine and Blue Economy and called for the involvement of more experts in its management to meet its targets.

COP28 Climate Summit in Dubai: What to Expect. *Clara Fong. Council on Foreign Relations.*

21 November 2023. Available from: <https://www.cfr.org/in-brief/cop28-climate-summit-dubai-what-expect> At this year's UN climate summit, set to take place from November 30 to December 12, world leaders will review their commitments to reduce carbon emissions at the end of a year marked by record-breaking climate events.

The European Parliament abandoning the “Carbon Correction Factor” is good news for shipping. *Danish Shipping*. 22 November 2023. Available from: <https://tinyurl.com/mshcy4jt>
The shipping sector needs enormous amounts of green fuels to reach its target of climate neutral shipping in or by 2050.

The Oil and Gas Industry in Net Zero Transitions. *International Energy Agency (IEA)*. 23 November 2023. Available from: <https://www.iea.org/reports/the-oil-and-gas-industry-in-net-zero-transitions> The Oil and Gas Industry in Net Zero Transitions analyses the implications and opportunities for the industry that would arise from stronger international efforts to reach energy and climate targets. [Report](#) 

New report on High Seas Biodiversity Treaty gives accessible at-a-glance introduction. *International Union for Conservation of Nature (IUCN)*. 27 November 2023. Available from: <https://www.iucn.org/news/202311/new-report-high-seas-biodiversity-treaty-gives-accessible-glance-introduction> This report draws on IUCN’s insight into the history and direction of the negotiations, showing what the different parts of the agreement were written to accomplish, what the key provisions are and how they work together, and what the important considerations will be in moving towards implementation, including suggested next steps.
[The High Seas Biodiversity Treaty](#) 

Israel and Gaza: G7 foreign ministers’ statement, November 2023. *UK Government*. 28 November 2023. Available from: <https://www.gov.uk/government/news/israel-and-gaza-g7-foreign-ministers-statement> “We, the G7 Foreign Ministers of Canada, France, Germany, Italy, Japan, the United Kingdom, the United States of America, and the High Representative of the European Union welcome the release of some of the hostages seized on 7 October by Hamas and other terrorist organizations and the recent pause in hostilities that has allowed a surge in humanitarian assistance to reach Palestinian civilians in Gaza.”

In reversal, Mexico calls for moratorium on international deep-sea mining. Elizabeth Claire Alberts. *Mongabay*. 28 November 2023. Available from: <https://news.mongabay.com/2023/11/in-reversal-mexico-calls-for-moratorium-on-international-deep-sea-mining/> Mexico, a nation that previously supported the development of deep-sea mining, has now called for a moratorium on this activity in international waters.

At AOSIS preparatory meeting, world leaders urged to seize opportunity at COP28. *Pacific Islands News Association (PINA)*. 29 November 2023. Available from: <https://pina.com.fj/2023/11/29/at-aosis-preparatory-meeting-world-leaders-urged-to-seize-opportunity-at-cop28/> The Executive Secretary of the UN Framework Convention on Climate Change, Simon Stiell has added his voice to that of Small Island Developing States (SIDS) from the Pacific, Caribbean, African, Indian Ocean and South China Seas, who are members of the Alliance of Small Island States (AOSIS), calling for decisive action from world leaders at COP28.

MARINE TECHNOLOGY

Intelligent Assistants. Bob Doncom. *Institute of Marine Engineering, Science and Technology (IMarEST)*. 31 October 2023. Available from: <https://www.imarest.org/resource/intelligent-assistants.html> There are now autonomous defence mechanisms, so we do have that high end (machine learning taught but not closed-loop driven) autonomy, but there's a whole other layer of uses for machine learning, in particular artificial intelligence with no direct control where you can use it as just another technology.

New version of the Wärtsilä 31DF engine reduces methane emissions by an additional 41% on average, when compared to previous market best. *Wärtsilä Corporation*. 1 November 2023. Available from: <https://tinyurl.com/5ebsjxb2> Technology group Wärtsilä has introduced a new ultra-low emissions version of its already efficient Wärtsilä 31DF engine.

Technology aims to sequester carbon deep in the ocean off B.C. coast. Julia Wong. *Canadian Broadcasting Corporation (CBC)*. 2 November 2023. Available from: <https://www.cbc.ca/news/canada/edmonton/carbon-capture-bc-coast-1.7009698> A project off B.C.'s coast focused on removing carbon dioxide from the air is aiming to tap into a resource that makes up roughly 70 per cent of the Earth's surface - the ocean.

ReCAAP ISC holds Dialogue Session with Shipping Industry to discuss Sea Robbery in the Straits of Malacca and Singapore. *ReCAAP*. 7 November 2023. Available from: <https://tinyurl.com/49zthv58> The ReCAAP Information Sharing Centre (ISC) today held a dialogue with the shipping industry to discuss security concerns of vessels transiting the Straits of Malacca and Singapore (SOMS).

Biofuels and e-fuels in trucks will make it harder for aviation and shipping to go green. *Transport & Environment*. 7 November 2023. Available from: <https://www.transportenvironment.org/discover/biofuels-and-e-fuels-in-trucks-will-make-it-harder-for-aviation-and-shipping-to-go-green/> The EU climate targets will slash demand for oil and gas. As a result, fuel suppliers are investing in e-fuels and biofuels to replace them. [Briefing](#)

Ship technology and human questions. *Hellenic Shipping News*. 8 November 2023. Available from: <https://www.hellenicshippingnews.com/ship-technology-and-human-questions/> The co-existence of new marine technologies which aim to improve safety and stubbornly high counts of human errors among the causes of maritime casualties and incidents suggests that 'more of the same' will be an inadequate response in seafarer training to the rapid advance of shipboard technologies.

Comment: Why wave-devouring propulsion holds promise for low carbon shipping. Liang Yang. *The Engineer*. 8 November 2023. Available from: <https://www.theengineer.co.uk/content/opinion/comment-why-wave-devouring-propulsion-holds-promise-for-low-carbon-shipping> With the global shipping sector under increasing pressure to adopt new emissions-busting technologies, Cranfield University's Dr Liang Yang, explores the potential of so-called "wave-devouring" propulsion systems that take their inspiration from the natural world.

Peninsula hits landmark with first supply for LNG-powered cruise ship. *Gibraltar Chronicle*. 9 November 2023. Available from: <https://www.chronicle.gi/peninsula-hits-landmark-with-first-supply-for-lng-powered-cruise-ship/> Peninsula's liquefied natural gas supply vessel, Levante LNG, refuelled the Royal Caribbean Group cruise vessel *Silver Nova* last Saturday, the company's first LNG supply in Gibraltar.

New study raises concerns about the durability of biofuels. Liv Almer. *ShippingWatch*. 9 November 2023. Available from: <https://shippingwatch.com/suppliers/article16588395.ece> A new study launched by one of the world's leading dry cargo shipping companies, Oldendorff Carriers, casts doubt on the sustainability of the popular second-generation biofuels.

Floating factories of artificial leaves could make green fuel for jets and ships. Robin McKie. *The Guardian*. 12 November 2023. Available from: <https://www.theguardian.com/environment/2023/nov/12/floating-factories-artificial-leaves-green-fuel-jets-ships-carbon-dioxide> Automated floating factories that manufacture green versions of petrol or diesel could soon be in operation thanks to pioneering work at the University of Cambridge.

Potential of hydrogen as fuel for shipping. *European Maritime Safety Agency (EMSA)*. 13 November 2023. Available from: <https://emsa.europa.eu/publications/item/5062-potential-of-hydrogen-as-fuel-for-shipping.html> The maritime industry faces substantive challenges, many of which are driven by increasingly stricter air emissions and climate legislation as its practitioners navigate a course towards decarbonisation. [Report](#) 📄

AI as a Weapon to Defend the Seas from Illegal Fishing. Alex Appel. *Alaska Business*. 13 November 2023. Available from: <https://www.akbizmag.com/industry/fisheries/illegal-fishing-ai/> The United Nations estimates the illegal fishing economy is between \$10 billion to \$24 billion a year.

Is ocean iron fertilization back from the dead as a CO₂ removal tool? Jeremy Hance. *Mongabay*. 14 November 2023. Available from: <https://news.mongabay.com/2023/11/is-ocean-iron-fertilization-back-from-the-dead-as-a-co%E2%82%82-removal-tool/> After a hiatus of more than 10 years, a new round of research into ocean iron fertilization is set to begin, with scientists saying the controversial geoengineering approach has the potential to remove "gigatons per year" of carbon dioxide from Earth's atmosphere.

Singapore and Korea discuss on bunkering of new marine fuels and digital initiatives. *Manifold Times (Singapore)*. 14 November 2023. Available from: <https://www.manifoldtimes.com/news/singapore-and-korea-discuss-on-bunkering-of-new-marine-fuels-and-digital-initiatives/> MPA was hosted by Korea's Ministry of Oceans and Fisheries at a bilateral meeting in Busan where both updated on digital initiatives and bunkering of new maritime fuels, amongst others.

Wärtsilä continues to set the pace for marine decarbonisation with launch of world-first 4-stroke engine-based ammonia solution. *Wärtsilä Corporation*. 15 November 2023. Available from: <https://tinyurl.com/yc4zk4rs> Technology group Wärtsilä has introduced the marine sector's first commercially available 4-stroke engine-based solution for ammonia fuel.

Researcher Warns of Hidden Emissions Caused by Ramp-Up of Alternative Fuels. *Ship & Bunker*. 16 November 2023. Available from: <https://shipandbunker.com/news/world/903201> The shift to alternative bunker fuels risks raising the GHG emissions of the shipping industry if additional feedstock for the renewable alternatives is not sustainably produced, according to a recently published paper.

Yara invests in CCS in Sluiskil and signs binding CO2 transport and storage agreement with Northern Lights – the world’s first cross-border CCS-agreement in operation.

Yara International ASA. 20 November 2023. Available from: <https://tinyurl.com/4df2xtc8>

Yara International, a leading global ammonia player, and Northern Lights, a CO2 transport and storage supplier, sign a binding commercial agreement, enabling the first cross-border transportation and storage of CO2.

The future of alternative fuels in maritime transport. *MundoMaritimo*. 21 November 2023.

Available from: <https://mundomaritimo.net/noticias/the-future-of-alternative-fuels-in-maritime-transport>

For the sixth consecutive year, Lighthouse Chartering held its maritime transport seminar, where experts from the international consultancy Drewry shared their perspectives on the dry bulk shipping market in the West Coast South America region and globally.

New fuel tank options as methanol gains ground. Paul Bartlett. *Seatrade Maritime News*.

22 November 2023. Available from: <https://www.seatrade-maritime.com/sustainability-green-technology/new-fuel-tank-options-methanol-gains-ground>

According to many experts, the chemical – CH3OH – offers significant benefits as a marine fuel of the future.

Explainer: Why carbon capture is no easy solution to climate change. Leah Douglas. *Reuters*.

22 November 2023. Available from: <https://www.reuters.com/business/environment/why-carbon-capture-is-no-easy-solution-climate-change-2023-11-22/>

Technologies that capture carbon dioxide emissions to keep them from the atmosphere are central to the climate strategies of many world governments as they seek to follow through on international commitments to decarbonize by mid-century.

Scrubbers are a practical solution for the latest environmental regulations. *Hong Kong Maritime Hub*.

27 November 2023. Available from:

<http://www.hongkongmaritimehub.com/scrubbers-are-a-practical-solution-for-the-latest-environmental-regulations/>

The industry should be optimistic that it can make the required future-proof investments needed to meet the IMO’s more ambitious targets, writes Scott Oh, Director, Asia Operations at Wärtsilä Exhaust Treatment.

New study: Potential of Wind-Assisted Propulsion for Shipping. *European Maritime Safety Agency (EMSA)*.

27 November 2023. Available from:

<https://www.emsa.europa.eu/newsroom/latest-news/item/5079> The potential of wind assisted propulsion systems as a power source in the shipping sector is analysed in a new report released by EMSA. [Study](#)

Shipping Companies’ Transition Pathways Remain Unclear: Technological Maturity of Alternative Fuel Poses Key Challenge for Rapid Decarbonisation. *Hellenic Shipping News*.

28 November 2023. Available from: <https://tinyurl.com/4mz9b66d> Vessel replacement and retrofitting to adapt to alternative and often more expensive fuels requires significant investments.

MARITIME EDUCATION & TRAINING

Energy and Transport Minister Opens Ballast Water Management Workshop. *Government of the Bahamas*. 30 October 2023. Available from: <https://www.bahamas.gov.bs/wps/portal/public/gov/government/news/energy%20and%20transport%20minister%20opens%20ballast%20water%20management%20workshop> Minister of Energy and Transport the Hon. JoBeth Coleby-Davis opened a three-day National Workshop on Ballast Water Management at the National Training Agency on Tuesday, October 31, 2023.

Record Number of PhD Graduates in 2023. *World Maritime University (WMU)*. 31 October 2023. Available from: <https://www.wmu.se/news/record-number-of-phd-graduates-in-2023> At the 2023 WMU Graduation Ceremony on 28 October, a record number of ten candidates were awarded the Doctor of Philosophy in Maritime Affairs.

First ever Lloyd's Register Foundation-funded fellows join the World Maritime University. *All About Shipping*. 2 November 2023. Available from: <https://allaboutshipping.co.uk/2023/11/02/first-ever-lloyds-register-foundation-funded-fellows-join-the-world-maritime-university/> The first ever Lloyd's Register Foundation-funded World Maritime University (WMU) fellows – Mithilesh Kumar and Faith Maraga – have started their MSc in Maritime Affairs, with the objective of returning to their home countries in a year's time with invaluable knowledge and expertise that can help build global capacity and promote safe and sustainable development in the maritime industry.

BWMS: what seafarers want. Craig Jallal. *Riviera Maritime*. 7 November 2023. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/what-seafarers-want-78400> The study by Mr Yılmaz evaluated the experiences of 50 expert seafarers (24 deck personnel and 26 engine personnel) working in a Turkish maritime company on tankers equipped with UV and electrochemical BWMS.

WMU Arab Alumni Association Launched. *World Maritime University (WMU)*. 7 November 2023. Available from: <https://www.wmu.se/news/wmu-arab-alumni-association-launched> On 1 November, the launch of the newly formed World Maritime University Arab Alumni Association (WMU-AAA) took place in the Sasakawa Auditorium.

Air Raid Alerts Fail to Stop Human Rights briefings for Ukrainian Marine Cadets. *Human Rights at Sea (HRAS)*. 10 November 2023. Available from: <https://www.humanrightsatsea.org/news/air-raid-alerts-fail-stop-human-rights-briefings-ukrainian-marine-cadets> Despite drone and missile attacks, Ukrainian air defences in the Odesa region and nationally have proven highly effective.

Words from the wise on how to chart a Just Transition (General Meeting 23) *Nautilus International*. 14 November 2023. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/words-from-the-wise/> The keynote speaker for the General Meeting was Martha Selwyn, who is currently Social Impact Lead at SSE Renewables and previously served at the United Nations Global Compact.

Wallem preparing for dual-fuelled vessels through crew training. Tomas Kristiansen. *ShippingWatch*. 14 November 2023. Available from: <https://shippingwatch.com/suppliers/article16599908.ece> With the arrival of dual-fuelled vessels, ship managers are starting to set up the necessary training of the crew members operating the ships.

JMC-WMU Joint Symposium on New Technology for Seafarers' Future. *World Maritime University (WMU)*. 14 November 2023. Available from: <https://www.wmu.se/news/jmc-wmu-joint-symposium-on-new-technology-for-seafarers-future> On 8 November, the World Maritime University (WMU) hosted a joint symposium with the Japan Maritime Center (JMC).

MoT concludes marine casualty and incident investigation regional training. *Qatar Tribune*. 17 November 2023. Available from: <https://www.qatar-tribune.com/article/93244/nation/mot-concludes-marine-casualty-and-incident-investigation-regional-training> The Ministry of Transport (MoT) has wrapped up the Regional Training Course on Marine Casualty and Incident Investigation.

CMU in the Process of Joining International Association of Maritime Universities.

Rochelle Williams. *Jamaica Information Service*. 18 November 2023. Available from: <https://jis.gov.jm/cmu-in-the-process-of-joining-international-association-of-maritime-universities/> The Caribbean Maritime University (CMU) is at an advanced stage of becoming a member of the International Association of Maritime Universities (IAMU), registering its place among the world's leading institutions for maritime education and training.

Maersk ties up with Training Ship *Rahaman* to offer rating course for women. P Manoj.

Economic Times (India). 19 November 2023. Available from: <https://infra.economictimes.indiatimes.com/news/ports-shipping/maersk-ties-up-with-training-ship-rahaman-to-offer-rating-course-for-women/105334051> Taking its Diversity, Equality, and Inclusion (DEI) goal a step further, container shipping giant A.P. Moller – Maersk is launching a 'rating' course for women in association with Training Ship *Rahaman* – one of the oldest maritime training institutions in India - affiliated with the University of Mumbai and approved by the Directorate General of Shipping.

Wärtsilä to supply one of Europe's most advanced simulators to new Finnish maritime training facility. *Wärtsilä Corporation*. 21 November 2023. Available from:

<https://www.wartsila.com/media/news/21-11-2023-wartsila-to-supply-one-of-europe-s-most-advanced-simulators-to-new-finnish-maritime-training-facility-3327317> The simulator will be installed in Xamk's new campus in Kotka, Finland, where also part of Ekami's maritime training will take place in the future.

Podcast - In Focus: Clyde Marine Training on meeting future seafarer needs. Marcus Hand.

Seatrade Maritime News. 21 November 2023. Available from: <https://www.seatrade-maritime.com/crewing/podcast-focus-clyde-marine-training-meeting-future-seafarer-needs> In this latest podcast, Seatrade Maritime News correspondent Paul Bartlett talks with Thomas Campbell, General Manager of Clyde Marine Training on meeting future seafarer needs.

WMU Hosts Particularly Sensitive Sea Areas (PSSA) on the High Seas Workshop. *World Maritime University (WMU)*. 22 November 2023. Available from:

<https://www.wmu.se/news/wmu-hosts-particularly-sensitive-sea-areas-pssa-on-the-high-seas-workshop> From 13 to 15 November, the World Maritime University's WMU-Sasakawa Global Ocean Institute (GOI) hosted a workshop in Costa Rica on Particularly Sensitive Sea Areas (PSSA) on the High Seas.

Agreement Signed With Japan Starts Producing Results In The Benefit Of The Panamanian Seafarers. *Hellenic Shipping News*. 28 November 2023. Available from: <https://www.hellenicshippingnews.com/agreement-signed-with-japan-starts-producing-results-in-the-benefit-of-the-panamanian-seafarers/> During a recent visit to the Panama Maritime Authority, Senior Directors of the Japanese shipping company Mitsui O.S.K. Lines (MOL) indicated that during the second semester of 2023, they are processing 15 new job opportunities and the contracting of other 10 new cadets is foreseen for 2024, all of this to benefit the Panamanian seafarers, so they can board their ships (ships bearing the Panamanian flags or ships from other registries).

Training seafarers for a decarbonized future. *International Transport Workers' Federation (ITF)*. 30 November 2023. Available from: <https://www.itfglobal.org/en/news/training-seafarers-decarbonized-future> A new training project will prepare seafarers for zero or near-zero emission ships, helping the global shipping industry decarbonize and ensure a just transition for seafarers.

MARITIME SAFETY

Container ship fires: What does the marine industry “truly need”? Daniel Wood and Tom Hughes. *Insurance Business*. 31 October 2023. Available from: <https://www.insurancebusinessmag.com/au/news/marine/container-ship-fires-what-does-the-marine-industry-truly-need-464907.aspx> Next year, the International Maritime Organisation (IMO) is focusing its attention on how to prevent container ship fires.

Lifeboat davit failure on polar research vessel *RRS Sir David Attenborough*. *UK Marine Accident Investigation Branch (MAIB)*. 2 November 2023. Available from: <https://www.gov.uk/maib-reports/lifeboat-davit-failure-on-polar-research-vessel-rrs-sir-david-attenborough> On the 4 March 2021, the port lifeboat from *RRS Sir David Attenborough* fell into the water while the crew were practising lifeboat drills. [Report](#) 

Use of CTU Code boosts supply chain safety and savings, survey finds. *American Journal of Transportation (AJOT)*. 9 November 2023. Available from: <https://www.ajot.com/news/use-of-ctu-code-boosts-supply-chain-safety-and-savings-survey-finds> The seven industry bodies dedicated to container safety, collaborating as the Cargo Integrity Group, highlight an independent study carried out by researchers at Italian University Politecnico di Torino into shipper and forwarder application of the CTU Code.

Guidance on the Safety of Battery Energy Storage Systems. *European Maritime Safety Agency (EMSA)*. 14 November 2023. Available from: <https://emsa.europa.eu/newsroom/latest-news/item/5065-new-guidance-on-the-safety-of-battery-energy-storage-systems.html> EMSA has today released new Guidance on the Safety of Battery Energy Storage Systems (BESS) On-board Ships. [Guidance](#)

Ferry companies grapple with rising threat of EV fires. Tom Barlow-Brown. *Royal Institution of Naval Architects (RINA)*. 15 November 2023. Available from: <https://rina.org.uk/publications/the-naval-architect/ferry-companies-grapple-with-rising-threat-of-ev-fires/> Ferry companies, which carry both large and varied numbers of vehicles and a multitude of passengers, could be particularly at risk from fires breaking out on board.

Lifejacket design changing for the growing offshore wind market. Amy McLellan. *Institute of Marine Engineering, Science and Technology (IMarEST)*. 23 November 2023. Available from: <https://www.imarest.org/resource/lifejacket-design-changing-for-the-growing-offshore-wind-market.html> As the energy transition leads more workers into the offshore environment, it's vital that worker protections keep pace with changing work patterns.

Safety at sea training vital in maritime industry. *Loop PNG (Papua New Guinea)*. 27 November 2023. Available from: <https://www.looppng.com/png-news/safety-sea-training-vital-maritime-industry-123914> A total of 26 seafarers in East New Britain Province recently completed a week-long Safety of Life at Sea (SOLAS) training program delivered by the National Fisheries College.

Shipping battery energy storage systems - high energy, high risks? *Gard*. 27 November 2023. Available from: <https://www.gard.no/web/articles?documentId=36328514> In the past few months, Gard has received several queries on the safe carriage of battery energy storage systems (BESS) on ships.

Covid-era neglect 'triggers spike in ship mechanical failures'. Paul Peachey. *TradeWinds*. 28 November 2023. Available from: <https://www.tradewindsnews.com/interviews/covid-era-neglect-triggers-spike-in-ship-mechanical-failures-/2-1-1560798> A failure to properly maintain ships during lockdown periods of the coronavirus pandemic is probably behind a spike in breakdowns and engine room fires to levels not seen in decades, according to the head of Australia's maritime authority.

MARITIME SECURITY

Multinational collaborative frameworks must to tackle maritime challenges of Indian Ocean Region: Raksha Mantri at 4th Goa Maritime Conclave. *Government of India*. 30 October 2023. Available from: <https://pib.gov.in/PressReleaseDetailm.aspx?PRID=1973007> Raksha Mantri Shri Rajnath Singh has called for establishing multinational collaborative mitigation frameworks in the Indian Ocean Region to effectively tackle common maritime challenges such as climate change, piracy, terrorism, drug-trafficking, overfishing and freedom of commerce on high seas.

Royal Navy destroyer scores £60m drugs bust in the Caribbean Sea. *Royal Navy*. 3 November 2023. Available from: <https://www.royalnavy.mod.uk/news-and-latest-activity/news/2023/november/03/231103-dauntless-drugs-bust> Portsmouth-based destroyer *HMS Dauntless* took her tally to more than £200m worth of illegal narcotics intercepted after hunting down a 35ft power boat.

Safe shipping: a forgotten aspect of maritime security in the Pacific. Heather Wrathall and Kate Archer. *Australian Strategic Policy Institute (ASPI)*. 8 November 2023. Available from: <https://www.aspistrategist.org.au/safe-shipping-a-forgotten-aspect-of-maritime-security-in-the-pacific/> Maritime security is a broad concept that spans several domains.

Government doesn't know details behind cyber hack that shut down port operator DP World. Georgia Roberts. *ABC (Australia)*. 12 November 2023. Available from: <https://www.abc.net.au/news/2023-11-12/government-respond-to-port-cyber-hack-dp-world/103095182> The government does not yet know who was behind a cybersecurity incident that has shut down Australia's second-largest port operator, and could affect freight in and out of the country for days.

Fears of significant delays after ‘cyber security incident’ shuts down major port operator.

Allanah Sciberras. *9 News (Australia)*. 12 November 2023. Available from:

<https://www.9news.com.au/national/dp-world-australia-major-ports-shut-after-cyber-security-incident/296b75df-adc6-4d10-ad6c-67c6b5a8521d> There are fears a cyber security incident

that shut down a major port operator could place significant delays on Christmas deliveries.

Freight giant DP World recovers from cyber attack, but warns investigation and remediation is ‘ongoing’.

Daniel Ziffer and Matt Bamford. *ABC (Australia)*. 13 November 2023. Available from:

<https://www.abc.net.au/news/2023-11-13/dp-world-deals-with-impact-of-cyber-attack/103097658>

Shipping giant DP World Australia says its systems are working at its ports again, following a brief cyber attack which crippled the company’s operations.

Yemen’s Houthis leader says group will target Israeli ships in Red Sea.

Mohammed Alghobari and Aziz El Yaakoubi. *Reuters*. 14 November 2023. Available from:

<https://www.reuters.com/world/middle-east/yemens-houthis-leader-says-group-will-target-israeli-ships-red-sea-2023-11-14/> Yemen’s Houthi leader said on Tuesday his forces would make further

attacks on Israel and they could target Israeli ships in the Red Sea and the Bab al-Mandeb Strait.

Yemeni Navy Detains Israeli Ship in Red Sea: Report.

Tasnim News Agency (Iran). 19 November 2023. Available from:

<https://www.tasnimnews.com/en/news/2023/11/19/2992213/>

Al Arabiya revealed that the vessel, identified as the “*Galaxy Leader*” affiliated with the Zionist

regime, was apprehended by Yemen’s Ansarullah movement with 22 passengers onboard.

Yemen’s Houthi rebels seize cargo ship in Red Sea.

Al Jazeera. 19 November 2023. Available from:

<https://www.aljazeera.com/news/2023/11/19/yemens-houthi-rebels-seize-cargo-ship-in-red-sea-israel-blames-iran> Yemen’s Houthis say they have taken control of a cargo ship in the

southern Red Sea as the war in Gaza sends tensions soaring in the region.

Ray Car Carriers ship reported hijacked in Red Sea.

Yannick Guerry and Gary Dixon. *TradeWinds*. 19 November 2023. Available from:

<https://www.tradewindsnews.com/casualties/ray-car-carriers-ship-reported-hijacked-in-red-sea/2-1-1557261> A pure truck/car carrier owned and

managed by Ray Car Carriers has reportedly been seized by Houthis in the Red Sea.

Houthis ‘hijack’ Israeli-owned car carrier *Galaxy Leader*.

Michelle Wiese Bockmann. *Lloyd’s List*. 19 November 2023. Available from:

<https://www.lloydslist.com/LL1147314/> Houthis rebels have

reportedly hijacked Bahamas-flagged *Galaxy Leader* (IMO: 9237307), a car carrier owned by Israeli

shipowner Ray Shipping, as it transited the Red Sea on Saturday.

Japan condemns Yemen’s Houthi rebels hijack of cargo ship in Red Sea.

Emily McGarvey and Ana Nicolaci da Costa. *BBC News*. 20 November 2023. Available from:

<https://www.bbc.co.uk/news/world-middle-east-67470711> The Yemeni militia claimed the vessel was Israeli, and a spokesman said the seizure was only the beginning of a “battle at sea”.

Houthis seize ship in Red Sea with link to Israeli company.

Dan Williams and Chang-Ran Kim. *Reuters*. 20 November 2023. Available from:

<https://www.reuters.com/world/middle-east/israel-says-houthis-seize-ship-red-sea-no-israelis-among-owners-or-crew-2023-11-19/> Israel said on

Sunday that Yemen’s Houthis had seized a British-owned and Japanese-operated cargo ship in the southern Red Sea, describing the incident as an “Iranian act of terrorism” with consequences for international maritime security.

Iran denies involvement in Red Sea ship seizure by Yemen's Houthis. *Insurance Marine News*. 21 November 2023. Available from: <https://insurancemarinenews.com/insurance-marine-news/iran-denies-involvement-in-red-sea-ship-seizure-by-yemens-houthis/> Iran has denied Israeli claims that it was involved in the seizure of the *Galaxy Leader* (IMO 9237307), a British-owned and Japanese-operated car carrier, by Yemen's Iran-aligned Houthis on Sunday November 19th in the southern Red Sea.

Widely Exploited Vulnerability Likely Cause of DP World Australia's Attack. *Maritime Executive*. 21 November 2023. Available from: <https://maritime-executive.com/article/widely-exploited-vulnerability-likely-cause-of-dp-world-australia-s-attack> A broadly known cyber vulnerability that was publicly reported in mid-October is now being identified as the likely cause of the attack on the computer network of DP Australia servicing four terminals and 40 percent of cargo activity in the country.

Red Sea - situation update. *Gard*. 22 November 2023. Available from: <https://www.gard.no/web/articles?documentId=36304365> Geopolitical tensions in the Red Sea have increased since the commencement of the Israel-Gaza conflict and this is particularly relevant for assets with links to Israel transiting the region.

Houthis' Ship Seizure Is A Threat To International Trade. James Stavridis. *gCaptain*. 22 November 2023. Available from: <https://gcaptain.com/houthis-ship-seizure-is-a-threat-to-international-trade/> Unless Iran reins in its proxy force, the US and its allies may have to turn to the playbook that defeated piracy off East Africa a decade ago.

Yemen navy chief 'welcomes' *Galaxy Leader's* crew as tourists take selfies. Gary Dixon. *TradeWinds*. 23 November 2023. Available from: <https://www.tradewindsnews.com/casualties/yemen-navy-chief-welcomes-galaxy-leader-s-crew-as-tourists-take-selfies/2-1-1559342> The crew of the car carrier *Galaxy Leader* has been "welcomed" to Yemen after the vessel's seizure by Houthi forces.

Israeli-owned ship targeted in suspected drone attack: Reports. *Al Jazeera*. 25 November 2023. Available from: <https://www.aljazeera.com/news/2023/11/25/israeli-owned-ship-targeted-in-suspected-iranian-drone-attack-reports> A suspected drone attack has hit a container ship owned by an Israeli businessman in the Indian Ocean, according to a United States defence official.

An Israeli-owned ship was targeted in suspected Iranian attack in Indian Ocean, US official tells AP. Jon Gambrell and Isabel DeBre. *Associated Press*. 25 November 2023. Available from: <https://apnews.com/article/israel-palestinians-hamas-ship-drone-attack-symi-39929cae42a191b2f242896a053123a7> A container ship owned by an Israeli billionaire came under attack by a suspected Iranian drone in the Indian Ocean as Israel wages war on Hamas in the Gaza Strip, an American defense official said Saturday.

Zodiac tanker freed after brief boarding by unidentified assailants off Yemen. Julian Bray, Harry Papachristou and Gary Dixon. *TradeWinds*. 26 November 2023. Available from: <https://www.tradewindsnews.com/tankers/zodiac-tanker-freed-after-brief-boarding-by-unidentified-assailants-off-yemen/2-1-1560731> A laden chemical tanker controlled by Eyal Ofer's Zodiac Maritime was boarded by pirates or suspected Houthi rebels on Sunday after apparently being pursued for two days while sailing south in the southern Red Sea.

U.S. Navy Detains 5 After Failed Attempt to Capture Merchant Ship, IKE in Persian Gulf.

Mallory Shelbourne. *US Naval Institute News*. 26 November 2023. Available from:

<https://news.usni.org/2023/11/26/u-s-warships-monitoring-potential-oil-tanker-seizure-in-gulf-of-aden>

Five people suspected of attempting to hijack a merchant ship in the Gulf of Aden are in U.S. Navy custody, a defense official confirmed to USNI News on Sunday.

US Navy seizes attackers who held Israel-linked tanker. Missiles from rebel-controlled Yemen follow.

Jon Gambrell. *Associated Press*. 27 November 2023. Available from:

[https://apnews.com/article/israel-palestinians-hamas-war-yemen-ship-attack-](https://apnews.com/article/israel-palestinians-hamas-war-yemen-ship-attack-526842504dc9f6bb7ca6e1d5104f77a3)

[526842504dc9f6bb7ca6e1d5104f77a3](https://apnews.com/article/israel-palestinians-hamas-war-yemen-ship-attack-526842504dc9f6bb7ca6e1d5104f77a3) Armed assailants seized and later let go of a tanker

linked to Israel off the coast of Yemen on Sunday before being apprehended by the United States Navy, officials said.

Chaotic scenes in the Red Sea as Israeli-linked ships are targeted.

Sam Chambers. *Splash 247.com*. 27 November 2023. Available from: [https://splash247.com/chaotic-scenes-in-the-](https://splash247.com/chaotic-scenes-in-the-red-sea-as-israeli-linked-ships-are-targeted/)

[red-sea-as-israeli-linked-ships-are-targeted/](https://splash247.com/chaotic-scenes-in-the-red-sea-as-israeli-linked-ships-are-targeted/)

In chaotic scenes not seen since the 2011 peak of the Horn of Africa piracy crisis, global merchant shipping faced a weekend of terror wrought by Houthis, Iranians and the reemergence of pirates off Somalia.

Assailants in latest ship attack near Yemen were likely Somali, not Houthi rebels, Pentagon says.

Tara Copp. *Associated Press*. 27 November 2023. Available from:

[https://apnews.com/article/yemen-somalia-houthi-pentagon-ship-](https://apnews.com/article/yemen-somalia-houthi-pentagon-ship-bfa041bf410a40d4b79a086a6f88dd92)

[bfa041bf410a40d4b79a086a6f88dd92](https://apnews.com/article/yemen-somalia-houthi-pentagon-ship-bfa041bf410a40d4b79a086a6f88dd92) The five armed assailants captured by U.S. forces after seizing a commercial ship near Yemen over the weekend were likely Somali and not Iranian-backed Houthi rebels, the Pentagon said Monday.

BIMCO and others publish security guidelines for Southern Red Sea and Gulf of Aden.

BIMCO. 27 November 2023. Available from: [https://www.bimco.org/insights-and-information/safety-](https://www.bimco.org/insights-and-information/safety-security-environment/20231127-interim-industry-transit-guidance-southern-red-sea-and-gulf-of-aden)

[security-environment/20231127-interim-industry-transit-guidance-southern-red-sea-and-gulf-of-aden](https://www.bimco.org/insights-and-information/safety-security-environment/20231127-interim-industry-transit-guidance-southern-red-sea-and-gulf-of-aden)

Industry associations have come together to publish security guidance applicable to navigating in the Southern Red Sea and Gulf of Aden.

Global shipping on edge after Houthis seize Israeli vessels.

Jo Harper. *Deutsche Welle (Germany)*. 27 November 2023. Available from: [https://www.dw.com/en/global-shipping-on-](https://www.dw.com/en/global-shipping-on-edge-after-houthis-seize-israeli-vessels/a-67549872)

[edge-after-houthis-seize-israeli-vessels/a-67549872](https://www.dw.com/en/global-shipping-on-edge-after-houthis-seize-israeli-vessels/a-67549872)

On November 19, Yemeni Houthis seized a Japanese-operated cargo ship in the Red Sea, with armed men jumping onto its deck from a helicopter before hoisting Palestinian and Yemeni flags.

European Peace Facility: Council adopts an assistance measure in support of military actors and navies of Gulf of Guinea coastal states involved in maritime security operations.

Council of the European Union. 27 November 2023. Available from: <https://tinyurl.com/3c5h9f9c>

The newly adopted support under the European Peace Facility shows an increased EU's capacity to act as a reliable, long-term security partner and maritime security provider.

Yemen's Houthi group denies involvement in acts of piracy in Gulf of Aden.

Mohammed Sameai and Rania Abu Shamala. *Anadolu Agency (Türkiye)*. 28 November 2023.

Available from: [https://www.aa.com.tr/en/middle-east/yemens-houthi-group-denies-involvement-in-](https://www.aa.com.tr/en/middle-east/yemens-houthi-group-denies-involvement-in-acts-of-piracy-in-gulf-of-aden/3066694)

[acts-of-piracy-in-gulf-of-aden/3066694](https://www.aa.com.tr/en/middle-east/yemens-houthi-group-denies-involvement-in-acts-of-piracy-in-gulf-of-aden/3066694) The Yemeni Houthi group denied on Monday evening any involvement in maritime piracy in the Gulf of Aden, affirming that their actions target Israeli ships.

US Warns of Evolving Threats to Ships Sailing Through Red Sea. Alex Longley and Áine Quinn. *Bloomberg*. 28 November 2023. Available from: <https://www.bnnbloomberg.ca/us-warns-of-evolving-threats-to-ships-sailing-through-red-sea-1.2004285> A spate of attacks on merchant shipping near Yemen and Somalia, likely triggered by the war in Gaza, have prompted the US to warn vessel operators to be extra careful when navigating the region.

Defence Secretary sends Royal Navy destroyer east of Suez to safeguard security in the Gulf. *UK Government*. 30 November 2023. Available from: <https://www.gov.uk/government/news/defence-secretary-sends-royal-navy-destroyer-east-of-suez-to-safeguard-security-in-the-gulf> HMS *Diamond* is en route to join Operation Kipion, the UK's maritime presence in the Gulf and the Indian Ocean, the Defence Secretary has announced.

MIGRANTS

Migrants say 'Spain or death' as Senegalese navy tackles sea crossings. Ngouda Dione and Alessandra Prentice. *Reuters*. 4 November 2023. Available from: <https://www.reuters.com/world/migrants-say-spain-or-death-senegalese-navy-tackles-sea-crossings-2023-11-04/> After a fruitless 10-hour search in stomach-churning waves, the Senegalese navy patrol boat *Walo* had started its long journey back to port on Thursday evening when its radar picked up a neon blip - another vessel was moving fast through the dark seas.

UN expert calls for emergency response to save Rohingya lives at sea. *United Nations High Commissioner for Refugees (UNHCR)*. 23 November 2023. Available from: <https://www.ohchr.org/en/press-releases/2023/11/un-expert-calls-emergency-response-save-rohingya-lives-sea> A UN expert today called for a regional emergency response to the growing number of desperate Rohingya refugees who continue to arrive in Indonesia in overcrowded vessels, as conditions in refugee camps in Bangladesh continue to deteriorate, where food rations have been significantly cut.

NAVIGATION & COMMUNICATIONS

Efforts intensify to open maritime aid corridor to Gaza. *Financial Mirror (Cyprus)*. 31 October 2023. Available from: <https://www.financialmirror.com/2023/10/31/efforts-intensify-to-open-maritime-aid-corridor-to-gaza/> Cyprus said it is intensifying efforts to get concrete support for opening a maritime sea corridor from the east Mediterranean Island to a besieged Gaza.

Ukraine says Russian warplanes drop explosives on Black Sea shipping lanes. Tom Balmforth and Yuliia Dysa. *Reuters*. 1 November 2023. Available from: <https://www.reuters.com/world/europe/ukraine-says-russian-warplanes-drop-explosives-black-sea-shipping-lanes-2023-11-01/> Ukraine said on Wednesday Russian warplanes had dropped “explosive objects” into the likely paths of civilian vessels in the Black Sea three times in the last 24 hours, but that its fledgling shipping corridor was still operating.

Hafnia: rolling out Starlink and ‘virtual gatherings’ for ship crews and families. Jamey Bergman. *Riviera Maritime*. 1 November 2023. Available from: <https://www.rivieramm.com/news-content-hub/hafnia-starlink-and-virtual-dinners-for-ship-staff-and-families-by-end-of-2023-78365> Hafnia said it will complete the roll-out of the high-speed internet Starlink Satellite System “across its entire fleet by the end of 2023”.

Ever darker shades of grey tankers spook shipping. Carly Fields. *Institute of Marine Engineering, Science and Technology (IMarEST)*. 6 November 2023. Available from: <https://www.imarest.org/resource/ever-darker-shades-of-grey-tankers-spook-shipping.html> A key topic at the London International Shipping Week (LISW), the dark and grey fleets using questionable shipping practices to avoid sanctions has the industry up in arms.

Shore patrol. April Reese. *Science*. 6 November 2023. Available from: <https://www.science.org/content/article/atlantic-ringed-tiny-sensors-ambitious-effort-track-climate-change> Researchers are ringing the Atlantic with hundreds of sensors in a bid to track how ocean warming is affecting coastal ecosystems.

Introducing WSC Whale Chart - the first global navigational aid to protect whales launched at International Whales Protection Workshop. *World Shipping Council*. 7 November 2023. Available from: <https://www.worldshipping.org/news/introducing-wsc-whale-chart> Accidental collisions between ships and whales are a global concern, and can occur wherever there is an overlap between whale activity and vessel traffic. [WSC Whale Chart - a navigational aid to protect whales](#) 
[WSC Whale Chart](#) 

Cyprus outlines plan for maritime corridor to get aid to Gaza. John Irish. *Cyprus Mail*. 9 November 2023. Available from: <https://cyprus-mail.com/2023/11/09/cyprus-outlines-plan-for-maritime-corridor-to-get-aid-to-gaza/> President Nikos Christodoulides outlined a proposal on Thursday to open a maritime corridor to help deliver more aid to Gaza, a plan which he said could be operational quickly but which diplomats said faced challenges.

The Philippines and China report a new maritime confrontation near a contested South China Sea shoal. *Associated Press*. 10 November 2023. Available from: <https://apnews.com/article/philippines-south-china-sea-confrontation-thomas-d95d0ba4bd472e58ae3fbb401c0f9cd9> Chinese and Philippine vessels engaged in a new confrontation in the South China Sea on Friday, with Manila charging that a Chinese coast guard ship and accompanying vessels conducted dangerous maneuvers and blasted a Philippine supply ship with a water cannon in disputed waters.

Ukraine ship corridor loses steam after deadly missile strike on Odesa. Harry Papachristou. *TradeWinds*. 14 November 2023. Available from: <https://www.tradewindsnews.com/bulkers/ukraine-ship-corridor-loses-steam-after-deadly-missile-strike-on-odesa/2-1-1553996> The number of shipowners willing to employ their ships in the Ukraine-protected grain and iron trade corridor in the Black Sea has shrunk after a deadly missile strike on a bulker in Odesa last week.

Satcoms upheaval: Can Elon Musk sprinkle his stardust on shipping? Craig Eason. *TradeWinds*. 14 November 2023. Available from: <https://www.tradewindsnews.com/technology/satcoms-upheaval-can-elon-musk-sprinkle-his-stardust-on-shipping-2-1-1552576> Starlink has 5,000-plus satellites in orbit, more than 7,000 vessels use it and it could soon be ubiquitous.

Why is Denmark being tasked with blocking Russian oil tankers? Verónica Romano. *Euronews*. 15 November 2023. Available from: <https://www.euronews.com/business/2023/11/15/why-is-denmark-being-tasked-with-blocking-russian-oil-tankers> Denmark will be tasked with inspecting and potentially blocking Russian oil tankers sailing through its waters under new European Union plans, according to reports.

Climate Change is Disrupting Global Trade. *International Monetary Fund (IMF).*

15 November 2023. Available from: <https://www.imf.org/en/Blogs/Articles/2023/11/15/climate-change-is-disrupting-global-trade> Around 1,000 ships pass through the Panama Canal each month carrying a total of over 40 million tons of goods—about 5 percent of global maritime trade volumes.

Houthi raid on civilian ship in Red Sea threatens global trade route. Robert Tollast and Ellie Sennett. *The National (United Arab Emirates).* 20 November 2023. Available from:

<https://www.thenationalnews.com/gulf-news/2023/11/21/houthis-rebels-israeli-ship-red-sea/> The hijacking of a commercial vessel by the Houthis could lead to a dangerous crisis in the Red Sea, analysts have warned, as the Iran-backed group's attacks threaten to disrupt shipping in a waterway through which 10 per cent of global trade passes.

Two ships divert course away from Red Sea area after vessel seized by Houthis.

Jonathan Saul. *Reuters.* 21 November 2023. Available from: <https://www.reuters.com/world/middle-east/two-ships-divert-course-away-red-sea-area-after-vessel-seized-by-houthis-2023-11-20/> Two commercial ships that diverted their course in the Red Sea and Gulf of Aden were connected to the same maritime group whose vessel was seized by Yemen's Houthis, according to shipping data and British maritime security company Ambrey.

Seized *Galaxy Leader* ship in Yemen's Hodeidah port area -owner. Jonathan Saul. *Reuters.*

21 November 2023. Available from: <https://www.reuters.com/world/middle-east/seized-galaxy-leader-ship-yemens-hodeidah-port-area-owner-2023-11-20/> The *Galaxy Leader* commercial ship was "illegally boarded by military personnel via a helicopter" on Nov. 19 and is now in the Hodeidah port area in Yemen, the vessel's owner said on Monday.

North notifies of satellite launch amid concerns. Choi Si-young. *Korea Herald (South Korea).*

21 November 2023. Available from: <https://www.koreaherald.com/view.php?ud=20231121000593> North Korea on Tuesday notified Japan that its satellite launch would take place between Nov. 22 and Dec. 1 in a third attempt this year, amid concerns that Pyongyang is seeking to advance the country's weapons technologies.

The Strait of Hormuz is the world's most important oil transit chokepoint. *US Energy Information Administration (EIA).* 21 November 2023. Available from:

<https://www.eia.gov/todayinenergy/detail.php?id=61002> The Strait of Hormuz is the world's most important oil chokepoint because large volumes of oil flow through the strait. In 2022, its oil flow averaged 21 million barrels per day (b/d), or the equivalent of about 21% of global petroleum liquids consumption.

Chronic congestion building along the east coast of South Africa. Sam Chambers.

Splash 247.com. 21 November 2023. Available from: <https://splash247.com/chronic-congestion-building-along-the-east-coast-of-south-africa/> Massive ship queues are forming off the east coast of South Africa where dire handling capabilities at the ports of Durban and Richards Bay are causing consternation.

Shippers Spend \$235 Million in Bid to Bypass Panama Canal Congestion. Ruth Liao.

Bloomberg. 22 November 2023. Available from: <https://www.bnnbloomberg.ca/shippers-spend-235-million-in-bid-to-bypass-panama-canal-congestion-1.2002182> Shipping companies have paid a total of \$235 million so far this year to jump ahead of a backlog of congestion at the Panama Canal, according to data from shipping agency Waypoint Port Services Ltd.

Ukraine Plans to Protect Black Sea Corridor With Special Convoys. Daryna Krasnolutska. *Bloomberg*. 24 November 2023. Available from: <https://www.bnnbloomberg.ca/ukraine-plans-to-protect-black-sea-corridor-with-special-convoys-1.2003195> President Volodymyr Zelenskiy said that special convoys will accompany vessels carrying key exports from Ukraine, including foodstuffs, via the Black Sea to ensure safe passage.

IKE Strike Group Transits the Strait of Hormuz. *Defence Visual Information Distribution Service (DVIDS)*. 27 November 2023. Available from: <https://www.dvidshub.net/news/458544/> The *Dwight D. Eisenhower* Carrier Strike Group (IKECSG) completed a scheduled transit through the Strait of Hormuz into the Arabian Gulf, Nov. 26.

U.N. official criticizes N. Korea's rocket launch as 'serious' risk to civil aviation, maritime traffic. Song Sang-ho. *Yonhap News Agency (South Korea)*. 28 November 2023. Available from: <https://en.yna.co.kr/view/AEN20231128000200315> North Korea's rocket launch poses a "serious" risk to international civil aviation and maritime traffic, a senior U.N. official said Monday during a U.N. Security Council (UNSC) session on the North's recent space rocket launch.

Zim warns of longer transits as carrier avoids the Arabian and Red Seas. Idha Toft Valeur. *ShippingWatch*. 28 November 2023. Available from: <https://shippingwatch.com/carriers/Container/article16639629.ece> Israeli container carrier Zim warns of longer transit times as it deviates from its original routes.

PIRACY

Piracy and robberies at sea on the rise again. David Hughes. *Business Times (Singapore)*. 7 November 2023. Available from: <https://www.businesstimes.com.sg/international/piracy-and-robberies-sea-rise-again> On Oct 27, a sea robbery onboard a Marshall Islands-flagged bulk carrier was reported to the Maritime Rescue Coordination Centre (MRCC), which is operated by the Maritime and Port Authority of Singapore (MPA).

Piracy, maritime crime recorded 50% increase in nine months – UNDP. Victoria Ojeme, Elizabeth Osayande and Blessing Lawal. *Vanguard (Nigeria)*. 21 November 2023. Available from: <https://www.vanguardngr.com/2023/11/piracy-maritime-crime-recorded-50-increase-in-nine-months-undp/> The UNDP Team Lead, Governance, Peace & Security, Mr Matthew Alao, has called on stakeholders to intensify the fight against piracy, in the Gulf of Guinea Countries, noting that there has been a 50 per cent increase in piracy, and maritime crime recorded in the first nine months of 2023.

Somali pirates make their first return in years. Adis Ajdin. *Splash 247.com*. 24 November 2023. Available from: <https://splash247.com/somali-pirates-make-their-first-return-in-years/> Pirate activity has been flagged offshore Somalia after many years and commercial shipping has been advised to remain outside the country's territorial waters due to the risk of "opportunistic armed robbery".

Decline in pirate attacks should not let our guards down – Danish Ambassador. *Ghana Business News (GBN)*. 28 November 2023. Available from: <https://www.ghanabusinessnews.com/2023/11/28/decline-in-pirate-attacks-should-not-let-our-guards-down-danish-ambassador/> Mr Tom Nørring, the Danish Ambassador to Ghana, has rallied stakeholders in the maritime security sector to remain vigilant and alert to pirate attacks in the Gulf of Guinea (GoG) in spite of the recent decline in cases in the region.

Yemeni gov't condemns Houthi maritime piracy in territorial waters. *Xinhuanet (China)*.

28 November 2023. Available from:

<https://english.news.cn/20231128/b19db528cf154bb3809a431f47b7eb5c/c.html> The Yemeni government on Monday strongly condemned acts of maritime piracy carried out by Houthi militia in the country's territorial waters.

Somali maritime police intensify patrols as fears grow of resurgence of piracy in the Gulf of Aden.

Emmanuel Igunza and Jackson Njehia. *Associated Press*. 29 November 2023.

Available from: <https://apnews.com/article/somalia-piracy-houthis-yemen-israel-hamas-fa28cb2aa8fe7048fd60fd0f4ba05e26> Somalia's maritime police force on Thursday intensified patrols in the Gulf of Aden following a failed pirate hijacking of a ship earlier this week.

PORT STATE CONTROL

MMEA detains two Malaysia-registered tankers for illegal STS oil transfer. *Manifold*

Times (Singapore). 10 November 2023. Available from:

<https://www.manifoldtimes.com/news/mmea-detains-two-malaysia-registered-tankers-for-illegal-sts-oil-transfer/> Oil products tanker "MT Tuah Sejaga" was found to be transferring about 400,000 liters of diesel onto tanker "MT Scorpio", also registered in Malaysia, during an inspection by MMEA.

Feds to review operating plans of aging Southern California oil rigs. Edvard Pettersson.

Courthouse News Service. 15 November 2023. Available from:

<https://www.courthousenews.com/feds-to-review-operating-plans-of-aging-southern-california-oil-rigs/> The U.S. Bureau of Ocean Energy Management has agreed to review the operating plans for a group of aging oil platforms off the coast of Southern California that were involved in a large oil spill two years ago.

PORTS & HARBOURS

WCO and IAPH launch Guidelines on Cooperation between Customs and Port Authorities.

World Customs Organization. 31 October 2023. Available from:

<https://www.wcoomd.org/fr/media/newsroom/2023/october/wco-and-iaph-launch-guidelines-on-cooperation-between-customs-and-port-authorities.aspx> The World Customs Organization (WCO) and the International Association of Ports and Harbors (IAPH) released the Guidelines on Cooperation between Customs and Port Authorities on the occasion of the IAPH 2023 World Ports Conference which opened today 31 October in Abu Dhabi, United Arab Emirates.

Guidelines on Cooperation between Customs and Port Authorities. *World Customs*

Organization. 31 October 2023. Available from:

<https://www.wcoomd.org/en/topics/facilitation/instrument-and-tools/tools/wco-iaph-guideline.aspx>; The first version of the Customs and Ports Authorities Cooperation Guidelines outlines best practices between Customs and Port Authorities from advanced, emerging and developing countries over the last decades. [Guidelines](#) 

El Nino drought: Panama Canal cuts ship numbers further. Peter Hoskins. *BBC News*.

1 November 2023. Available from: <https://www.bbc.co.uk/news/business-67281776>

The Panama Canal will make more cuts to the number of ships using the waterway due to the worst drought in over 70 years, authorities say.

The driest month of October since 1950. *Panama Canal Authority*. 31 October 2023.

Available from: <https://pancanal.com/en/the-driest-month-of-october-since-1950/> The drought caused by the El Niño phenomenon continues to impact the Panama Canal's reservoir system and, as a result, water availability has been reduced.

Safety in port: a team effort. Debbie Cavaldoro. *Nautilus International*. 1 November 2023.

Available from: <https://www.nautilusint.org/en/news-insight/telegraph/safety-in-port-a-team-effort/> When a ship visits a port, safety for those onboard depends on good communication between all parties involved in the process.

Panama Canal Traffic Is Being Throttled by Climate Change Impact. *Bloomberg*.

3 November 2023. Available from: <https://www.bnnbloomberg.ca/panama-canal-traffic-is-being-throttled-by-climate-change-impact-1.1993538> A lack of rainfall, blamed on climate change, is leading to a steady decline in water levels on the vital conduit.

Biden-Harris Administration Invests More Than \$653 Million in Ports to Strengthen American Supply Chains. *US Department of Transportation*. 3 November 2023.

Available from: <https://www.transportation.gov/briefing-room/biden-harris-administration-invests-more-653-million-ports-strengthen-american-supply> Today, the U.S. Department of Transportation's Maritime Administration (MARAD) announced over \$653 million to fund 41 port improvement projects across the nation under the Port Infrastructure Development Program (PIDP).

'Green' discounts for cargo ships at port. *Times of India*. 5 November 2023. Available from:

<https://timesofindia.indiatimes.com/city/goa/green-discounts-for-cargo-ships-at-port/articleshow/104975095.cms> Commercial vessels calling at Mormugao Port will be offered an incentive if they not only adhere but enhance compliance with environment friendly norms, particularly ships that use efficient engines and which emit less emissions.

US Invests \$553 Million in Adani's Sri Lanka Port to Curb China's Influence. Iain Marlow,

Chris Kay and P R Sanjai. *Bloomberg*. 7 November 2023. Available from:

<https://www.bnnbloomberg.ca/us-invests-553-million-in-adani-s-sri-lanka-port-to-curb-china-s-influence-1.1995448> Sign up for the India Edition newsletter by Menaka Doshi – an insider's guide to the emerging economic powerhouse, and the billionaires and businesses behind its rise, delivered weekly.

NPA targets \$1.1bn port rehabilitation plan. *Ships & Ports*. 8 November 2023. Available from:

<https://shipsandports.com.ng/npa-targets-1-1bn-port-rehabilitation-plan/> The Nigerian Ports Authority (NPA) has said it is embarking on a \$1.1 billion port rehabilitation plan with a view to ensuring a strong commitment to fortify Nigeria's trade competitiveness.

Shore-Side Electricity and Data Monitoring Take Hold in the Cruise Industry. *NovaTech*

Automation. 8 November 2023. Available from: <https://www.novatechautomation.com/news/shore-side-electricity-and-data-monitoring-take-hold-in-the-cruise-industry> On July 7, 2023, the United Nations International Maritime Organization (IMO) and its participating maritime countries set their Greenhouse Gas (GHG) emissions strategy to achieve net zero "by or around" 2050.

Any higher? \$4m paid in slot auction to transit perilously low Panama Canal. Sam Chambers.

Splash 247.com. 9 November 2023. Available from: <https://splash247.com/any-higher-4m-paid-in-slot-auction-to-transit-perilously-low-panama-canal/> The average cost of transiting the Panama Canal in the seven years since it was expanded has been \$900,000.

123: Panama queue growing day by day. Sam Chambers. *Splash 247.com*. 13 November 2023. Available from: <https://splash247.com/123-panama-queue-growing-day-by-day/> There are now a total 123 ships waiting to transit the Panama Canal, considerably higher than the 90-ship average of the past seven years since the waterway was expanded.

ASEAN Port Association explores Maritime Single Window development. Dewa W Kenzu. *Antara News (Indonesia)*. 14 November 2023. Available from: <https://en.antaranews.com/news/298665/> The 47th ASEAN Port Association (APA) meeting in Bali discussed the development of the ASEAN Maritime Single Window to support connectivity and reduce logistics costs in the Southeast Asian region.

Green Shipping Community Workshop Draws A Crowd. *Hellenic Shipping News*. 15 November 2023. Available from: <https://www.hellenicshippingnews.com/green-shipping-community-workshop-draws-a-crowd/> The nonprofit organizations Pacific Environment and C40 Cities, in cooperation with the ports of Los Angeles and Long Beach, hosted a Green Shipping Community Workshop today.

IMF and University of Oxford Launch “PortWatch” Platform to Monitor and Simulate Trade Disruptions. *International Monetary Fund (IMF)*. 15 November 2023. Available from: <https://www.imf.org/en/News/Articles/2023/11/13/pr23390-imf-university-oxford-launch-portwatch-platform-monitor-simulate-trade-disruptions> The IMF in collaboration with University of Oxford researchers launched a new online portal “PortWatch”, a platform to monitor and simulate trade disruptions due to climate extremes and other shocks. [PortWatch Platform](#)

Ellesmere Port: Green shipping hub for vehicle plant opens. *BBC News*. 16 November 2023. Available from: <https://www.bbc.co.uk/news/uk-england-merseyside-67425223> A new £10m shipping connection which aims to reduce carbon emissions in the supply chain for a major vehicle plant in Cheshire has opened.

Angola: Tripartite Protocol On Single Port Window Signed in Lobito. *AllAfrica*. 20 November 2023. Available from: <https://allafrica.com/stories/202311220097.html> A protocol on the Single Port Window to facilitate trade was signed on Monday in Lobito (Benguela) between the Maritime and Port Authority of Singapore, the International Maritime Organisation and the local port.

Why is Myanmar’s new deep-sea port such hot property? Shaun Cameron. *Lowy Institute (Australia)*. 22 November 2023. Available from: <https://www.lowyinstitute.org/the-interpreter/why-myanmar-s-new-deep-sea-port-such-hot-property> In Myanmar’s westernmost state of Rakhine, the small fishing village of Kyaukphyu has become the focus of a US\$7.3 billion deep-water port development by Chinese state-owned entities with an accompanying US\$2.7 billion special economic zone.

White paper on Environmental Ship Index published. *International Association of Ports and Harbors (IAPH)*. 24 November 2023. Available from: <https://www.iaphworldports.org/news/iaphnews/17023/> IAPH launched this week a dedicated white paper on the Environmental Ship Index (ESI), citing testimonials from world ports on how to use the index to facilitate vessel emissions reductions. [The Environmental Ship Index](#)

IRENA and DP World Join Forces to Advance Decarbonisation Solutions for Ports and Maritime Logistics.

International Renewable Energy Agency (IRENA). 24 November 2023. Available from: <https://www.irena.org/News/pressreleases/2023/Nov/IRENA-and-DP-World-Join-Forces-to-Advance-Decarbonisation-Solutions-for-Ports-and-Maritime-Logistics> The International Renewable Energy Agency (IRENA) has signed a collaboration agreement with DP World, a UAE-based global supply chain solutions company.

Port of Newcastle blockaded as paddlers protest coal exports and lack of climate action.

Romy Stephens and Carly Cook. *ABC (Australia)*. 25 November 2023. Available from: <https://www.abc.net.au/news/2023-11-25/hundreds-paddle-out-coal-port-blockade-newcastle-climate-change/103146494> Hundreds of protesters from across New South Wales have blocked the shipping channel that leads into the world's largest coal port, using kayaks and floats.

If shipping lines move to non-EU ports it will be 'close to impossible' to bring them back.

Sabrina Zammit. *Malta Independent*. 26 November 2023. Available from: <https://www.independent.com.mt/articles/2023-11-26/local-news/lf-shipping-lines-move-to-non-EU-ports-it-will-be-close-to-impossible-to-bring-them-back-6736256691> If big shipping lines move to non-EU ports as a result of an environmental tax that will be introduced by the European Union next year "it will be close to impossible" to bring them back, maritime law expert Ann Fenech told *The Malta Independent* on Sunday.

European Commission to allocate €50 million to restore Ukrainian ports.

Hellenic Shipping News. 27 November 2023. Available from: <https://www.hellenicshippingnews.com/european-commission-to-allocate-e50-million-to-restore-ukrainian-ports/> The European Commission will allocate 50 million euros (\$54,7 million) to restore Ukrainian ports affected by Russian attacks, according to the Commission's President Ursula von der Leyen.

Tool helps shipping stakeholders identify best ports for developing sustainable first mover initiatives.

Lloyd's Register. 28 November 2023. Available from: <https://www.lr.org/en/about-us/press-listing/press-release/tool-helps-shipping-stakeholders-identify-best-ports-for-developing-sustainable-first-mover-initiatives/> Lloyd's Register (LR) Maritime Decarbonisation Hub and Environmental Defense Fund (EDF), in collaboration with Arup, have introduced the Sustainable First Movers Initiative Identification Tool, a system to help shipping stakeholders align investment decisions that support the maritime energy transition away from fossil fuels.

[The potential of ports in developing Sustainable First Mover Initiatives](#) 

Oil loadings from Black Sea ports remain suspended, exporters redirect flows - traders.

Reuters. 29 November 2023. Available from: <https://www.reuters.com/business/energy/oil-loadings-black-sea-ports-remain-suspended-exporters-redirect-flows-traders-2023-11-29/> Oil loadings from the Black Sea port of Novorossiysk and the Caspian Pipeline Consortium (CPC) terminal have not resumed due to an ongoing storm forcing exporters to look for alternative routes, three sources familiar with exports told Reuters on Wednesday.

Container lines expect greater Panama Canal disruption.

Nick Savvides. *Seatrade Maritime News*. 30 November 2023. Available from: <https://www.seatrade-maritime.com/panama/container-lines-expect-greater-panama-canal-disruption> As previously reported on *Seatrade Maritime News* the Panama Canal Authority (ACP) has announced further restrictions to vessels starting with only 22 transits from 1 December and declining to 20 ships on 1 January and just 18 ships from 1 February until further notice, as the water levels decline.

REGULATIONS

EU Emissions Trading System for Maritime Transport Explained – Part 2 of 6. *Clyde & Co LLP.* 31 October 2023. Available from: <https://www.clydeco.com/en/insights/2023/10/eu-emissions-trading-system-for-maritime-trans-1> In the second article of our six-part series reviewing the changes introduced by the new EU rules, set to apply from 1 January 2024, we look at who is responsible for compliance under the EU ETS and which monitoring, reporting and verification obligations will apply.

Nigeria may miss 2024 deadline for IMO maritime single window implementation. Adaku Onyenucheya. *Guardian (Nigeria).* 1 November 2023. Available from: <https://guardian.ng/business-services/maritime/nigeria-may-miss-2024-deadline-for-imo-maritime-single-window-implementation/> Nigeria may miss the IMO January 1, 2024 deadline for the implementation of a Maritime Single Window (MSW) for the electronic exchange of data in ports around the world as there is still no commitment from Ministry, Department and Agencies (MDAs) to digitalise and automate port processes.

ABS Report Shines Light on Complex Regulatory Landscape in Maritime Industry. *ABS (American Bureau of Shipping).* 1 November 2023. Available from: <https://news.cision.com/american-bureau-of-shipping/r/abs-report-shines-light-on-complex-regulatory-landscape-in-maritime-industry,c3866876> ABS shines a light on the maritime industry's complex regulatory environment in a major new report summarizing the latest global regulatory developments and guidelines, as well as their impact on the maritime industry. [Regulatory Trends and Impact 2023](#)

VGM container weight mis-declaration 'rampant at most ports', say forwarders. Angelo Mathais. *The Loadstar.* 1 November 2023. Available from: <https://theloadstar.com/vgm-container-weight-mis-declaration-rampant-at-most-ports-say-forwarders/> Container carriers are dealing with widespread weight mis-declarations by shippers, refuelling long-standing ship safety hazard issues.

Tanger Med, East Port Said added to EU's upcoming emissions regulations. Bojan Lepic. *Splash 247.com.* 2 November 2023. Available from: <https://splash247.com/tanger-med-east-port-said-added-to-eus-upcoming-emissions-regulations/> To reduce the risk of evasive port calls and relocation of container transshipment activities to ports outside of the European Union, the European Commission has announced that containerships sailing from a non-EU port to discharge cargo at an EU port by the way of Tanger Med or East Port Said will pay for 50% of emissions.

EU ETS will have a damaging effect on ports and towage. Martyn Wingrove. *Riviera Maritime.* 7 November 2023. Available from: <https://www.rivieramm.com/opinion/eu-ets-will-have-a-damaging-effect-on-ports-and-towage-78317> Implications from the introduction of this regional carbon taxing scheme will be wide, even if it only covers CO2 emissions from ships of 5,000 gt and above entering EU ports, regardless of the flag they fly.

IBIA CONVENTION: Cockett CEO Sees CII Regulation Raising Bunker Use for Some Ships. *Ship & Bunker.* 13 November 2023. Available from: <https://shipandbunker.com/news/world/331756> Global marine fuels firm Cockett Group is the latest company to raise concerns over the IMO's carbon intensity indicator regulation, saying it may raise fuel consumption for some ships.

CII alternative pitched by Danish Ship Finance. Sam Chambers. *Splash 247.com*.

14 November 2023. Available from: <https://splash247.com/cii-alternative-pitched-by-danish-ship-finance/> Danish Ship Finance has issued its latest biannual markets report in which it has called for the IMO's Carbon Intensity Indicator (CII) to be replaced with a voyage index that shows carbon intensity per voyage to allow performance to be evaluated and optimised.

Mediterranean SOx ECA, and heavy fuel oil ban in the Arctic. DNV. 15 November 2023.

Available from: <https://www.dnv.com/news/mediterranean-sox-eca-and-heavy-fuel-oil-ban-in-the-arctic-249948> As of 1 May 2025, the Mediterranean Sea will effectively become an Emission Control Area (ECA) for sulphur oxides (SOx) under MARPOL Annex VI Regulation 14.

Urgent implementation rethink needed to achieve objectives of EU ETS directive.

Godwin Xerri. *Times of Malta*. 20 November 2023. Available from: <https://timesofmalta.com/articles/view/urgent-implementation-rethink-needed-objectives-eu-ets-directive.1068033> The maritime industry is fully committed to decarbonisation and environmental protection because the industry itself is a victim of grave, climate change consequences.

Shipowners pursue very different paths to meet new climate regulations. Jens Thomsen.

ShippingWatch. 20 November 2023. Available from: <https://shippingwatch.com/regulation/article16617030.ece> From the turn of the year, shipping will be covered by the European Union's Emissions Trading System, ETS, which forces shipping companies to reduce their ships' carbon emissions.

Shipping: EU ETS Will Redefine Industry Standards. Nikos Roussanoglou. *Hellenic Shipping News*. 21 November 2023. Available from: <https://www.hellenicshippingnews.com/shipping-eu-ets-will-redefine-industry-standards/> Shipping is about to enter a new period of structural reforms, as a result of the implementation of the EU ETS across the industry, starting next year.

Global Shipping's \$3.6 Billion Carbon Bill Is Six Weeks Away. Jack Wittels, Yongchang Chin and John Ainger. *Bloomberg*. 21 November 2023. Available from: <https://www.bnnbloomberg.ca/global-shipping-s-3-6-billion-carbon-bill-is-six-weeks-away-1.2001550> Ships sailing to European ports face a combined carbon emissions bill of \$3.6 billion next year, the start of a levy that's almost certainly going to rise as the continent steps up efforts to combat climate change.

LNG demand for bunkering to intensify in Med with new emissions rules. *Hellenic Shipping News*. 23 November 2023. Available from: <https://www.hellenicshippingnews.com/lng-demand-for-bunkering-to-intensify-in-med-with-new-emissions-rules/> With the Mediterranean set to introduce stricter limits on maritime emissions in just over 18 months time, market players in the region are already predicting that LNG is well placed as an alternative to more traditional — and polluting — marine fuels.

Seven EU Countries Call for Pause to Shipping's EU-ETS Inclusion. *Ship & Bunker*. 27 November 2023. Available from: <https://shipandbunker.com/news/emea/427690> EU member states in the south of the continent are calling for a pause to shipping's inclusion in the bloc's emissions trading system, just over a month before the regulation is due to come into effect.

SALVAGE

Smit to salvage grounded ferry *Marco Polo* on Wednesday. Mariska Buitendijk.

SWZ Maritime (Netherlands). 31 October 2023. Available from:

<https://swzmaritime.nl/news/2023/10/31/smit-to-salvage-grounded-ferry-marco-polo-on-wednesday/>

Shipping company TT-Line states that due to the movement of the *Marco Polo* into a new position on the 29th October and the worsening weather conditions to be expected later this week, a new salvage plan has been prepared and shared with the relevant authorities.

Grounded Cargo Ship Refloated in the Caribbean. *MarineLink*. 31 October 2023. Available from:

<https://www.marinelink.com/news/grounded-cargo-ship-refloated-caribbean-509131>

A cargo ship that ran aground off St. Thomas in the U.S. Virgin Islands earlier this month has been refloated and towed to a safe mooring location at the Crown Bay Sandfill dock, the U.S. Coast Guard said.

SEAFARERS

Alarm for crew welfare as latest Seafarer Happiness Index report reveals further fall in Q3

Mission to Seafarers. 1 November 2023. Available from:

<https://www.missiontoseafarers.org/news/alarm-for-crew-welfare-as-latest-seafarer-happiness-index-report-reveals-further-fall-in-q3-2023>

Further concern over seafarer welfare has been raised by the results of the latest Seafarers Happiness Index, published today, which reveals a further drop in seafarer happiness. [Seafarers Happiness Index Q3 2023](#)

Seattle Seafarers Center Provides Unique Support to Ship Crews. Omie Drawhorn.

Port of Seattle. 2 November 2023. Available from: <https://www.portseattle.org/blog/seattle-seafarers-center-provides-unique-support-ship-crews>

Long hours, gruelling work, confined quarters, and being away from family and friends for months at a time can take its toll on these workers from all over the world.

Maritime Charities Group Commissions New Research on Seafarer Demographics.

Maritime Charities Group (MCG). 6 November 2023. Available from:

<https://www.maritimecharitiesgroup.org/en/news/news/maritime-charities-group-commissions-new-research-on-seafarer-demographics/>

The Maritime Charities Group is commissioning new research on the size and demographic profile of the UK seafarer population.

Captain found guilty of ‘seaman’s manslaughter’ in boat fire that killed 34 off California coast.

Stefanie Dazio. *Associated Press*. 7 November 2023. Available from:

<https://apnews.com/article/fatal-boat-fire-california-conception-boylan-0cd001c598d7edbf0acdce890e994fe>

A scuba dive boat captain was convicted Monday of criminal negligence in the deaths of 34 people killed in a fire aboard the vessel in 2019, the deadliest maritime disaster in recent U.S. history.

Honouring seafarers who died at sea. Carlos Salinas. *Manila Times*. 8 November 2023. Available from:

<https://www.manilatimes.net/2023/11/08/business/maritime/honoring-seafarers-who-died-at-sea/1918705>

We began this month by observing All Saints’ Day.

‘Miracle’ return for seafarers after navigating nine-month ordeal with grounded tanker.

Paul Peachey. *TradeWinds*. 9 November 2023. Available from:

<https://www.tradewindsnews.com/tankers/-miracle-return-for-seafarers-after-navigating-nine-month-ordeal-with-grounded-tanker/2-1-1550544>

Three Indian seafarers have finally flown home after being prevented from leaving an Indonesian island for nine months in a dispute over their grounded tanker.

3 Filipino seafarers out of danger after Russian missile hit ship. *Philippine News Agency (PNA)*. 10 November 2023. Available from: <https://www.pna.gov.ph/articles/1213388>
The three Filipino seafarers who were injured when their Liberian-flagged ship, *Kmax Ruler*, was attacked Wednesday by a Russian missile in Ukraine, are now safe and out of danger, according to the Department of Migrant Workers (DMW).

Indian seafarers onboard vessel 'Advantage Sweet' safely brought back from Iran. *Government of India*. 10 November 2023. Available from: <https://pib.gov.in/PressReleaseframePage.aspx?PRID=1976206> All 23 Indian seafarers onboard vessel *ADVANTAGE SWEET* (Marshall Island Flag), which was seized in the Gulf of Oman, have been safely repatriated to India from Iran.

UN workers' rights watchdog rebukes UK government over failures on P&O Ferries scandal. *Trades Union Congress (TUC)*. 10 November 2023. Available from: <https://www.tuc.org.uk/news/un-workers-rights-watchdog-rebukes-uk-government-over-failures-po-ferries-scandal> The UN workers' rights watchdog, the ILO, has rebuked the UK government over failures following the P&O Ferries scandal, in which 800 seafarers were sacked illegally – and demanded that the UK beef up worker protections.

Fishers meet with UN rapporteur on rights and climate change. *ABS-CBN (Philippines)*. 12 November 2023. Available from: <https://news.abs-cbn.com/news/11/12/23/fishers-meet-with-un-rapporteur-on-rights-and-climate-change> Limiting commercial fishing and protecting coastal habitats are among the climate-resilient measures that government could adapt to protect maritime resources and fisherfolk, activist fishers' group Pamalakaya said.

Podcast - In Focus: Diversity, equity and inclusion at sea. Marcus Hand. *Seatrade Maritime News*. 14 November 2023. Available from: <https://www.seatrade-maritime.com/crewing/podcast-focus-diversity-equity-and-inclusion-sea> In this latest episode of the Seatrade Maritime Podcast, we speak to Susanne Justesen from the Global Maritime Forum (GMF) about diversity, equity and inclusion (DEI) at sea.

8 Filipino seafarers in limbo months after arrest over alleged drug transport. Michelle Abad. *Rappler (Philippines)*. 14 November 2023. Available from: <https://www.rappler.com/nation/overseas-filipinos/seafarers-in-limbo-months-after-arrest-alleged-drug-transport/> Eight Filipino seafarers have been in limbo for around three months since they were arrested by Algerian police which discovered suspected cocaine aboard the container vessel they were working on, a consultant from their manning agency said.

More must be done to protect seafarers and fishers' rights says Work at Sea Conference. *International Labour Organization (ILO)*. 16 November 2023. Available from: https://www.ilo.org/global/about-the-ilo/newsroom/news/WCMS_901957/lang--en/index.htm Seafarers' rights protection must be enhanced, as the industry prepares for a digitalized and decarbonized future, said delegates at the first joint seafarers high-level conference, organized by the ILO and IMO.

Navigating the AI Revolution: Artificial Intelligence and Protecting Human Rights at Sea. *Human Rights at Sea (HRAS)*. 16 November 2023. Available from: <https://www.humanrightsatsea.org/news/opinion-navigating-ai-revolution-artificial-intelligence-and-protecting-human-rights-sea> This transformative journey is overloaded with opportunities yet fraught with challenges, raising profound questions about safeguarding human rights at sea.

Labour abuses - sometimes akin to slavery - detected on European fishing vessels.

Saskia O'Donoghue. *Euronews*. 19 November 2023. Available from:

<https://www.euronews.com/2023/11/19/labour-abuses-sometimes-akin-to-slavery-detected-on-european-fishing-vessels>

Hazardous, forced work conditions sometimes akin to slavery have been detected on nearly 500 industrial fishing vessels across the globe - including in several European nations.

Salaries up but room for improvement in crew welfare says Danica as it reveals its 2023 Seafarers' Survey results.

Danica Maritime Services. 20 November 2023. Available from:

<https://www.danica-maritime.com/2023/11/20/salaries-up-but-room-for-improvement-in-crew-welfare-says-danica-as-it-reveals-its-2023-seafarers-survey-results/>

Salaries are rising by at least 10% as the crew employment market tips in the favour of seafarers, reveals Danica Crewing Specialists as it announces the findings of its 2023 Seafarers' Survey. [Danica Seafarers' Survey 2023](#)

New vehicle to boost our vital work in Ukraine.

Stella Maris. 20 November 2023. Available from:

<https://stellamaris.org.uk/new-vehicle-to-boost-our-vital-work-in-ukraine/>

Stella Maris is pleased to announce the deployment of a new vehicle for its chaplaincy and ship-visiting work in Ukraine, funded by leading mutual insurer, the UK P&I Club.

Two Bulgarians on the hijacked cargo ship in the Red Sea, one of them is the captain.

Bulgarian National Television (BNT). 20 November 2023. Available from:

<https://bnt.bg/news/two-bulgarians-on-the-hijacked-cargo-ship-in-the-red-sea-one-of-them-is-the-captain-323188news.html>

Two Bulgarians, one of them - the captain, are on board the cargo ship hijacked by Yemeni Houthis in the Red Sea, the Ministry of Interior confirmed to BNT on November 19.

ITF's 'Nowhere to Hide' Campaign shines a light on wage theft on the Australian coast.

International Transport Workers' Federation (ITF). 21 November 2023. Available from:

<https://www.itfglobal.org/en/news/itfs-nowhere-hide-campaign-shines-light-wage-theft-australian-coast>

The International Transport Workers' Federation (ITF) has re-launched its 'Nowhere to Hide' campaign this week in Melbourne, Australia, and commenced a fresh week of action across Victorian, South Australian and Tasmanian ports.

First National Fishing Remembrance Day Announced.

Seafarers' Charity. 21 November 2023.

Available from: <https://www.theseafarerscharity.org/news/first-national-fishing-remembrance-day-announced>

Today on World Fisheries Day, maritime welfare charities have joined forces to support a new annual National Fishing Remembrance Day for those who have lost their lives while fishing at sea.

UK cadets are very different from their global counterparts – Sailors' Society conference reveals.

Sailors' Society. 21 November 2023. Available from:

<https://www.sailors-society.org/news/uk-cadets-are-very-different-from-their-global-counterparts-sailors-society-conference-reveals>

The first conference for UK cadets has revealed some stark contrasts with their fellow Gen Z seafarers across the globe.

Treated like 'freaks': Seafarers latest happiness index shows the continued long reach of coronavirus.

Nautilus International. 21 November 2023. Available from:

<https://www.nautilusint.org/en/news-insight/news/treated-like-freaks-seafarers-latest-happiness-index-shows-the-continued-long-reach-of-coronavirus-on-shore-leave/>

The erosion of shore leave, possibly exacerbated by the COVID-19 pandemic, has led to services ashore becoming less empathetic and less tailored to the needs of seafarers, according to the latest Seafarers' Happiness Index.

‘Seafarers, dockworkers critical to achieving functional blue economy’. Gloria Nwafor.

Guardian (Nigeria). 22 November 2023. Available from: <https://guardian.ng/business-services/maritime/seafarers-dockworkers-critical-to-achieving-functional-blue-economy/>

Stakeholders argued that the maritime workers are the foot soldiers that steer the vessel in line with the blue economy agenda advocated in the various multilateral treaties superintended by the various international organisations such as the International Maritime Organisation, World Health Organisation and the International Labour Organisation among others.

DFA: 17 Filipino seafarers held hostage by rebels in hijacked ship in Red Sea.

ABS-CBN (Philippines). 22 November 2023. Available from: <https://news.abs-cbn.com/news/11/22/23/dfa-17-filipinos-held-by-rebels-in-hijacked-ship-in-red-sea>

Seventeen Filipino seafarers were among those held hostage by Iran-backed Houthi rebels in a hijacked ship in the Red Sea, the Department of Foreign Affairs (DFA) said on Wednesday.

In *Galaxy Leader* hijacking, seafarers find themselves in the geopolitical crosshairs — again.

Eric Priante Martin. *TradeWinds*. 22 November 2023. Available from:

<https://www.tradewindsnews.com/opinion/in-galaxy-leader-hijacking-seafarers-find-themselves-in-the-geopolitical-crosshairs-again/2-1-1558363>

Even though their faces are blurred in the footage released by Houthi militants, there is little doubt that the crew members on a seized Ray Car Carriers vessel underwent a harrowing experience.

Princess Anne praises seafarers as she presents first ever King Charles III medal.

Nautilus International. 22 November 2023. Available from: <https://www.nautilusint.org/en/news-insight/news/merchant-navy-medal/>

History was made at this year’s Merchant Navy Medal ceremony with the first ever likeness of His Majesty King Charles III adorning a medal of state.

17 Filipino sailors in hijacked ship ‘safe’ – DFA. Joyce Ann L. Rocamora. *Philippine News Agency (PNA)*. 24 November 2023. Available from:

<https://www.pna.gov.ph/articles/1214314>

The 17 Filipino seafarers being held hostage by Houthi rebels on a ship in the Red Sea are “safe,” the Department of Foreign Affairs (DFA) said Friday.

Norwegian bill for better pay to foreign seafarers pushed to 2024. Idha Toft Valeur.

ShippingWatch. 24 November 2023. Available from:

<https://shippingwatch.com/regulation/article16632228.ece>

A bill to ensure foreign seafarers the same pay and working conditions as Norwegian seafarers is now set to be presented at the beginning of next year - a year behind schedule.

Cruise giant Carnival UK accused of plan to fire and rehire 900 crew. Faarea Masud. *BBC News*. 24 November 2023. Available from:

<https://www.bbc.co.uk/news/business-67516276>

Carnival UK, owner of P&O Cruises and Cunard, notified authorities of the “fire-and-rehire” plan one day after beginning talks with union members.

Nautilus welcomes Carnival UK withdrawal of fire and rehire threat. *Nautilus International*.

24 November 2023. Available from: <https://www.nautilusint.org/en/news-insight/news/nautilus-welcomes-carnival-uk-withdrawal-of-fire-and-rehire-threat/>

Nautilus International has welcomed a commitment from Carnival UK to withdraw the threat of fire and rehire for 919 maritime professionals.

Galaxy Leader Owner Calls for Release of Crew After Video Surfaces. Mike Schuler. *gCaptain*. 24 November 2023. Available from: <https://gcaptain.com/galaxy-leader-owner-calls-for-release-of-crew-after-video-surfaces/> 📰 The owner of the *Galaxy Leader* car carrier that was seized by Iran-backed Houthi's in Yemen is calling for immediate release of its 25 crew members after new video of the ship surfaced.

There are not enough Greek sailors to man ships with Greek flags. *Greek City Times*. 25 November 2023. Available from: <https://greekcitytimes.com/2023/11/25/not-enough-greek-sailors-ships/> The essential reason why the Greek registry cannot be further strengthened – the Greek flag – was pointed out during an informal meeting of officials of the Ministry of Shipping and Insular Policy with journalists.

2 Filipino crew safe after failed hijacking in Gulf of Aden. *Philippine News Agency (PNA)*. 27 November 2023. Available from: <https://www.pna.gov.ph/articles/1214411> The two Filipino seafarers in a thwarted hijacking incident in the Gulf of Aden are free, according to the Department of Migrant Workers (DMW).

Annual review from international maritime charity highlights challenges faced by seafarers in 2022-23. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 28 November 2023. Available from: <https://www.seafarerswelfare.org/news/2023/annual-review-from-international-maritime-charity-highlights-challenges-faced-by-seafarers-in-2022-23> ISWAN's annual review, launched today and covering the charity's activities from 1st April 2022 to 31st March 2023, highlights that although the exceptional stresses experienced during the COVID-19 pandemic have eased, life remains extremely challenging for many seafarers. [Annual Review](#) 📰

How war affects seafarers. Carlos Salinas. *Manila Times*. 29 November 2023. Available from: <https://www.manilatimes.net/2023/11/29/business/maritime/how-war-affects-seafarers/1921906> Seafarers are among the most affected groups in times of war, putting them in a precarious position.

What about the *Galaxy Leader* crew? They are hostages too. Terry Macalister. *TradeWinds*. 29 November 2023. Available from: <https://www.tradewindsnews.com/opinion/what-about-the-galaxy-leader-crew-they-are-hostages-too/2-1-1561719> The difficult situation of seafarers on board merchant vessels has again been raised due to attacks in the Middle East, all potentially linked to the Gaza war.

ITF's Nowhere to Hide Week of Action to be expanded to New Zealand ports as Inspectors stamp out rampant wage theft. *Maritime Union of Australia*. 30 November 2023. Available from: <https://www.mua.org.au/news/itf%E2%80%99s-nowhere-hide-week-action-be-expanded-new-zealand-ports-inspectors-stamp-out-rampant-wage> The International Transport Workers Federation's Australian Inspectorate has announced that its Nowhere to Hide campaign will be expanded to capture New Zealand ports in a new cooperative arrangement between maritime workers unions in the South Pacific.

SEARCH & RESCUE

Maritime Autonomous Surface Ships (MASS) and SAR. Roly McKie. *International Maritime Rescue Federation (IMRF)*. 1 November 2023. Available from: <https://www.international-maritime-rescue.org/news/maritime-autonomous-surface-ships-mass-and-sar> Maritime Autonomous Surface Ships (MASS) is an acronym used by the IMO to describe commercial vessels that operate with little or no human intervention, using sensors, software, and communication systems to navigate, avoid collisions and perform the tasks and functions of the vessel.

Maritime Rescue Coordinating Centre (MRCC) gains global recognition with Seamanship Award: SAMSA. *South African Maritime Safety Authority (SAMSA)*. 8 November 2023. Available from: <https://blog.samsa.org.za/2023/11/08/maritime-rescue-coordinating-centre-mrcc-gains-global-recognition-with-seamanship-award-samsa/> On Tuesday evening, 31 October 2023, the Maritime Rescue Coordinating Centre (MRCC) located at the South African Maritime Safety Authority Centre for Sea Watch & Response (CSW&R) finally received the prestigious Seamanship Award 2022 bestowed upon it by the London based Ocean Cruising Club (OCC) early this year.

Mediterranean rescue ship saves 118 migrants in international waters. Sou-Jie van Brunnersum. *InfoMigrants*. 9 November 2023. Available from: <https://www.infomigrants.net/en/post/53129/mediterranean-rescue-ship-saves-118-migrants-in-international-waters> The crew of private rescue ship *Life Support* saved dozens of people after their flimsy vessels started taking on water due to three meters high waves.

UK Coastguard Violating International Law by Ignoring and Downgrading 999 Calls from Sea Migrants. *Euro-Med Human Rights Monitor*. 13 November 2023. Available from: <https://euromedmonitor.org/en/article/5938/> The British Coastguard's reported neglect and downgrading of SOS calls and pleas for help from sea migrants and asylum seekers in the English Channel are a serious abandonment of responsibilities and a grave violation of International Law that puts lives in grave danger, Euro-Med Human Rights Monitor said in a statement today.

IMRF launches #SaferSAR in collaboration with Lloyd's Register Foundation. *International Maritime Rescue Federation*. 15 November 2023. Available from: <https://tinyurl.com/4kx39dpz> The IMRF has announced the launch of its #SaferSAR initiative, which will look to enable global search and rescue (SAR) organisations to better collect, analyse and share maritime SAR incident response data in a bid to enhance future maritime SAR response operations.

Philippines Rescues Crew After Vietnamese Cargo Ship Takes on Water. *Maritime Executive*. 22 November 2023. Available from: <https://maritime-executive.com/index.php/article/philippines-rescues-crew-after-vietnamese-cargo-ship-takes-on-water> The Philippine Coast Guard and Philippine National Police Maritime Group report they safely evacuated 17 Vietnamese crewmembers after their cargo ship began taking on water overnight in the southern Philippines.

One sailor rescued after sinking of freighter with 14 crew off Lesbos island. *Athens-Macedonian News Agency*. 26 November 2023. Available from: <https://www.amna.gr/en/article/778743/One-sailor-rescued-after-sinking-of-freighter-with-14-crew-off-Lesvos-island> One sailor of the freighter '*Raptor*' that sank off the island of Lesbos in the East Aegean early on Sunday was rescued by a Hellenic Navy helicopter, while a search is ongoing for another 13.

Rescue operation under way after cargo ship sinks off Greece coast. *Al Jazeera*. 26 November 2023. Available from: <https://www.aljazeera.com/news/2023/11/26/rescue-operation-under-way-after-cargo-ship-sinks-off-greece-coast> A major rescue operation is under way after a cargo ship carrying 14 crew members and a load of salt, sank off the coast of Lesbos island in Greece as high-speed winds tilted the vessel causing it to take on water.

SHIP RECYCLING

Norway to invest \$1.364m to make Bangladesh's ship recycling yards eco-friendly. *Business Standard (Bangladesh)*. 8 November 2023. Available from:

<https://www.tbsnews.net/economy/norway-invest-1364m-make-bangladeshs-ship-recycling-yards-eco-friendly-735874> The government of Norway will invest \$1.364 million in a project for transforming Bangladesh's shipbreaking yards into environmentally-friendly ones.

The Hong Kong Convention – will it be a game changer? Herman Steen and Kim Jefferies.

Gard. 9 November 2023. Available from: <https://www.gard.no/web/articles?documentId=36237072>
The Hong Kong Convention will finally enter into force in 2025, but what does that mean in practice?

Joining Hong Kong Convention will boost ship recycling business: SAPM.

The Nation (Pakistan). 16 November 2023. Available from: <https://www.nation.com.pk/16-Nov-2023/joining-hong-kong-convention-will-boost-ship-recycling-business-sapm> KARACHI-Special Assistant to the Prime Minister (SAPM) on Maritime Affairs, Vice Admiral (retd) Iftikhar Ahmed Rao, announced on Wednesday that governmental efforts are currently underway to secure Pakistan's accession to the Hong Kong Convention (HKC).

Death, injury and disease: the battle to improve working conditions in South Asia's shipbreaking yards. Annick Berger. *Equal Times*. 17 November 2023. Available from:

<https://www.equaltimes.org/death-injury-and-disease-the> The International Labour Organization (ILO) has classified it as a "major global environmental and health problem".

EU-agreement on waste shipments opens the door for responsible recycling of EU-flagged ships outside EU and OECD. *Danish Shipping*. 17 November 2023. Available from:

<https://danishshipping.dk/en/all-press-releases/2023/eu-agreement-on-waste-shipments-opens-the-door-for-responsible-recycling-of-eu-flagged-ships-outside-eu-and-oecd/> The new agreement between the European Parliament and the Council on waste shipments opens the door for responsible recycling of EU-flagged ships outside the EU and OECD.

Shipowners call for approval of Indian yards following new deal. Liv Almer. *ShippingWatch*.

22 November 2023. Available from: <https://shippingwatch.com/carriers/article16624386.ece>
It's been almost four years since shipbreakers in India last welcomed EU inspectors, even though carriers are soon expected to send a wave of old ships for demolition in South Asia.

EU agreement on waste shipments puts compliance in sight for non-OECD recycling yards, says Sea Sentinels. *Hellenic Shipping News*. 29 November 2023. Available from:

<https://www.hellenicshippingnews.com/eu-agreement-on-waste-shipments-puts-compliance-in-sight-for-non-oecd-recycling-yards-says-sea-sentinels/> A newly-minted EU agreement on waste shipments is set to remove a legal roadblock to make it possible for a raft of non-OECD ship recycling yards to be included on an EU-approved list, which would unleash much-needed shipbreaking capacity for a massive wave of tonnage due to be scrapped over the coming years, according to green recycling consultancy Sea Sentinels.

SHIPBUILDING & SHIPREPAIR

China striving for ‘rapid development,’ plans to build more cruise ships. Holly Payne. *Seatrade Cruise News*. 30 October 2023. Available from: <https://www.seatrade-cruise.com/ports-destinations/china-striving-rapid-development-plans-build-more-cruise-ships> Opening ‘The China Effect’ session at Seatrade Cruise Asia Pacific in Hong Kong (October 24-26) Prof. Hong Wang, president, China Europe International Business School and director, Shanghai International Cruise Business Institute, said, ‘China is the only country that promotes the development of the entire cruise industry chain and is the most important cruise economic region in Asia Pacific.

This may be the most sustainable car carrier ever built. *World Economic Forum*. 31 October 2023. Available from: <https://www.weforum.org/agenda/2023/10/sustainable-maritime-car-carrier-hoegh/> Think car transporters and it’s possibly the double-decker, scary-to-meet-on-the-road vehicles that spring to mind.

Vale adopts wind power on world’s largest ore carrier. *Vale*. 8 November 2023. Available from: <https://www.vale.com/w/vale-adopts-wind-power-on-worlds-largest-ore-carrier> Vale signed a contract with Omani shipowner Asyad to install rotor sails on a Valemax, the world’s largest ore carrier, which is 362 meters long, 65 meters wide and able to carry up to 400,000 metric tons of cargo.

MSC Cruises confirms orders with Chantiers De L’atlantique for two new environmentally-advanced world class ships. *MSC Cruises SA*. 13 November 2023. Available from: <https://www.msypressarea.com/press-releases/msc-cruises-confirms-orders-with-chantiers-de-l-atlantique-for-two-new-environmen> The two new ordered vessels – currently referred to as World Class 3 and 4 - will be delivered in 2026 and 2027.

Stretched Shipyard Capacity Could Hinder Shipping’s Decarbonization Process. Nikos Roussanoglou. *Hellenic Shipping News*. 14 November 2023. Available from: <https://www.hellenicshippingnews.com/stretched-shipyard-capacity-could-hinder-shippings-decarbonization-process/> Shipyard’s lack of capacity could prove a main obstacle in shipping’s drive for decarbonization.

MOL opts for AI-driven ‘early fire detection’ system for new car-carriers. Charlie Bartlett. *The Loadstar*. 15 November 2023. Available from: <https://theloadstar.com/mol-opts-for-ai-driven-early-fire-detection-system-for-new-car-carrers/> MOL is to equip several of its newbuild ro-ro vessels with an AI-driven system for early fire detection to stem the increasing epidemic of fires destroying car-carriers.

South Korea to pump \$545M into next-gen shipbuilding tech, carbon-free fuels. Fatima Bahtić. *Offshore Energy*. 15 November 2023. Available from: <https://www.offshore-energy.biz/south-korea-to-pump-545m-into-next-gen-shipbuilding-tech-carbon-free-fuels/> South Korea’s Ministry of Trade, Industry and Energy (MOTIE) has revealed its plans to invest KRW 710 billion (\$545 million) into next-generation shipbuilding technology and carbon-free fuels.

LR, SDC Ship Design and Consult develop innovative space saving concept for methanol-fuelled vessels. *Lloyd’s Register*. 17 November 2023. Available from: <https://www.lr.org/en/about-us/press-listing/press-release/lr-sdc-ship-design-and-consult-develop-innovative-space-saving-concept-for-methanol-fuelled-vessels/> Lloyd’s Register (LR), in collaboration with SDC Ship Design and Consult, has developed a new concept for the use of ballast water tanks in place of cofferdams around methanol tanks, allowing ship operators more space for methanol fuel technology.

These electric ferries may set a new standard around clean public transportation.

David Keyton. *Associated Press*. 17 November 2023. Available from:

<https://apnews.com/article/sweden-stockholm-electric-ferry-b7d6fd1e974c6fa129bb9f0bfd899e9>

Many cities around the world see clean and efficient public transport as a crucial way to lower their carbon emissions.

Chinese yards newbuilding orders up 76.7% in the first three quarters.

Katherine Si. *Seatrade Maritime News*. 20 November 2023. Available from:

<https://www.seatrade-maritime.com/shipyards/chinese-yards-newbuilding-orders-767-first-three-quarters>

According to the statistics released by China Association of the National Shipbuilding Industry, China's shipbuilding output for January to September was 30.74m dwt, an increase of 10.6% year on year, while the 57.34m dwt volume of newly received orders grew 76.7%.

Sails and satellite navigation could cut shipping industry's emissions by up to a third.

James Mason, Alice Larkin and Simon Bullock. *The Conversation*. 21 November 2023. Available from:

<https://theconversation.com/sails-and-satellite-navigation-could-cut-shipping-industrys-emissions-by-up-to-a-third-217596>

The international shipping sector, made up of thousands of massive cargo ships laden with many of the goods we buy, emits carbon dioxide (CO₂) roughly equivalent to the entire country of Germany.

OECD warns about severe shortage of manpower at shipyards.

Tomas Kristiansen. *ShippingWatch*. 22 November 2023. Available from:

<https://shippingwatch.com/carriers/article16621527.ece>

The shipbuilding industry, and especially all the huge Asian shipyards, are having an increasingly difficult time finding enough workers.

Singapore's first electric cargo vessel debuts.

Derryn Wong. *Business Times (Singapore)*. 23 November 2023. Available from:

<https://www.businesstimes.com.sg/companies-markets/transport-logistics/singapores-first-electric-cargo-vessel-debuts>

The first fully-electric cargo vessel in Singapore was launched by consortium Goal Zero on Thursday (Nov 23) at Raffles Marina.

Japan celebrates delivery of a liquefied CO₂ carrier.

Sam Chambers. *Splash 247.com*. 28 November 2023. Available from:

<https://splash247.com/japan-celebrates-delivery-of-a-liquefied-co2-carrier/>

The Shimonoseki Shipyard of Mitsubishi Heavy Industries today handed over a new type of ship for Japanese shipbuilders, a liquefied CO₂ carrier, which will serve as a demonstration test ship for a seaborne trade many are predicting will bubble up in the years to come.

AZANE Fuel Solutions launches ammonia bunker vessel design – and partners with Amogy to build zero-emissions bunker vessel.

Azane Fuel Solutions. 29 November 2023. Available from:

<https://azanefs.com/azane-fuel-solutions-launches-ammonia-bunker-vessel-design-and-partners-with-amogy-to-build-zero-emissions-bunker-vessel/>

Azane Fuel Solutions launches ammonia bunker vessel design and signs an MoU with Amogy with the intention of including a zero-emissions power system for ammonia fuel onboard.

SHIPPING

World's ghost fleet in focus over US Russian price cap crackdown. Robert Harvey and Natalie Grover. *Reuters*. 26 October 2023. Available from: <https://www.reuters.com/markets/commodities/worlds-ghost-fleet-focus-over-us-russian-price-cap-crackdown-2023-10-26/> U.S. penalties on shippers transporting Russian oil in breach of the G7's price cap could push more Russian cargoes onto vessels referred to as the ghost fleet and away from mainstream tankers, shipping sources and analysts told Reuters.

Is climate change generating problems for liner shipping schedules? Ian Lewis. *TradeWinds*. 31 October 2023. Available from: <https://www.tradewindsnews.com/containerships/is-climate-change-generating-problems-for-liner-shipping-schedules-/2-1-1545734> Weather-related factors are emerging as the most dominant factor influencing global liner schedule integrity, Ocean Network Express (ONE) chief executive Jeremy Nixon says.

Greening global trade, one container at a time. *Allianz Global Corporate & Specialty*. 31 October 2023. Available from: https://www.allianz.com/en/economic_research/publications/specials_fmo/2023_10_31-Green-Trade.html Promoting trade in environmental goods and low-carbon technologies can be a powerful tool to combat the climate crisis. [Report](#) 

Growth of the shadow fleet has made Russian oil price cap 'unenforceable': World Bank. Sam Chambers. *Splash 247.com*. 1 November 2023. Available from: <https://splash247.com/growth-of-the-shadow-fleet-has-made-russian-oil-price-cap-unenforceable-world-bank/> Russia's swift build-up of a so-called shadow fleet of tankers – estimated to number more than 600 ships – has made the West's oil price cap “unenforceable”, according to a new report from the World Bank.

GSBN and DNV partner for verified data sharing for decarbonisation. Katherine Si. *Seatrade Maritime News*. 1 November 2023. Available from: <https://tinyurl.com/nfkj9pkd> The MoU will leverage on DNV's recently launched Emissions Connect, an emissions data verification engine, it sees as a major step in enabling the verification of operational data.

Israel's ship industry urges government to help with jump in war insurance. Jonathan Saul and Ari Rabinovitch. *Reuters*. 2 November 2023. Available from: <https://www.reuters.com/world/middle-east/israels-ship-industry-urges-government-help-with-jump-war-insurance-2023-11-02/> Ships sailing for Israel face a 10-fold jump in war risk premiums as the conflict in Gaza intensifies, prompting industry calls for the government to help ensure vital imports keep coming.

The rising tide in digital shipping. Joseph Clarke. *International Trade Magazine*. 3 November 2023. Available from: <https://intrademagazine.com/the-rising-tide-in-digital-shipping/> Maritime transportation has long been the foundation of our global economy, with more than 90% of the world's trade in goods being possible thanks to shipping.

'Challenging times ahead': Maersk lets go of thousands of staff. Sam Chambers. *Splash 247.com*. 3 November 2023. Available from: <https://splash247.com/challenging-times-ahead-maersk-lets-go-of-thousands-of-staff/> At the end of 2022, carriers were handing out mega bonuses, some equivalent to more than a year's pay.

Scientists warn Earth warming faster than expected - due to reduction in ship pollution.

Nicole Mortillaro. *Canadian Broadcasting Corporation (CBC)*. 3 November 2023. Available from: <https://www.cbc.ca/news/science/marine-clouds-climate-change-1.7016498> A new study published in Oxford Open Climate Change, led by renowned U.S. climate scientist James Hansen, suggests one of the main drivers has been an unintentional global geoengineering experiment: the reduction of ship tracks.

International shipping industry faces soaring freight costs as war rages. Nick Webster.

The National (UAE). 4 November 2023. Available from: <https://www.thenationalnews.com/uae/2023/11/04/international-shipping-industry-faces-soaring-freight-costs-as-war-rages/> The cost of shipping goods around the world is set to continue to rise due to geopolitical turmoil, experts have predicted.

Shipping: Malta, Greece and Cyprus hold tripartite meeting in Athens. *Malta Independent*.

4 November 2023. Available from: <https://www.independent.com.mt/articles/2023-11-04/local-news/Shipping-Malta-Greece-and-Cyprus-hold-tripartite-meeting-in-Athens-6736256160> Minister for Transport, Infrastructure and Capital Projects Aaron Farrugia participated at the eighth tripartite meeting on maritime affairs in Greece with Minister of Maritime Affairs & Insular Policy of the Hellenic Republic (Greece) Christos Stylianides and Deputy Minister for Shipping of Cyprus Marina Hadjimanolis, with the aim of consolidating a common position on maritime affairs both at international and regional level.

Container shipping industry slowdown. *Bloomberg*. 6 November 2023. Available from:

<https://www.bnnbloomberg.ca/video/container-shipping-industry-slowdown~2802002> Peter Sand, chief analyst at Xeneta, joins BNN Bloomberg to discuss the slowdown in the shipping market, in addition to what this means on a global scale.

Podcast: The two Os that can help shipping cut greenhouse gas emissions now.

Eric Priante Martin. *TradeWinds*. 7 November 2023. Available from: <https://www.tradewindsnews.com/esg/podcast-the-two-os-that-can-help-shipping-cut-greenhouse-gas-emissions-now/2-1-1549707> Ships tend to speed up to get to their destination and then wait in port queues, wasting fuel and leading to unnecessary emissions.

Spirit of Discovery: Cruise ship passengers 'feared for their lives'. Daisy Stephens, Marcus White and Duncan Kennedy. *BBC News*. 7 November 2023. Available from: <https://www.bbc.co.uk/news/uk-england-hampshire-67342329> Passengers on the *Spirit of Discovery* have described a state of fear on board the cruise ship after it was hit by a storm in the Bay of Biscay.

Crowley faces sexual assault lawsuit brought by female cadet. Michael Juliano. *TradeWinds*. 7 November 2023. Available from: <https://www.tradewindsnews.com/law/crowley-faces-sexual-assault-lawsuit-brought-by-female-cadet/2-1-1549704> Crowley has been named as the lead defendant in a sexual assault lawsuit brought by a female cadet who alleged she was raped while serving sea duties on a vessel managed by the Florida shipping company.

IUMI publishes annual Stats Report indicating positive growth for marine insurers.

International Union of Marine Insurance (IUMI). 8 November 2023. Available from: <https://iumi.com/news/press-releases/iumi-publishes-annual-stats-report-indicating-positive-growth-for-marine-insurers> The International Union of Marine Insurance (IUMI) has, today, released its 2023 analysis of the global marine insurance market – the IUMI Stats Report.

Greek and Chinese companies own 34% of the global fleet's cargo capacity. Niels Rasmussen. *BIMCO*. 8 November 2023. Available from: <https://www.bimco.org/news-and-trends/market-reports/shipping-number-of-the-week/20231108-snow> The global fleet of cargo carrying ships consists of around 61,000 ships with a deadweight capacity of about 2,200 million tonnes.

VDR will not investigate possible harassment on ships after all. Dag Holmstad. *ShippingWatch*. 10 November 2023. Available from: <https://shippingwatch.com/carriers/article16591927.ece> German shipping companies will not investigate possible harassment and violations in the country's shipping industry, which employs over 7,000 seafarers, German shipping association Verband Deutscher Reeder (VDR) tells ShippingWatch.

Maritime business set to turn the tide. Chai Hua. *China Daily*. 10 November 2023. Available from: <https://www.chinadaily.com.cn/a/202311/10/WS654dc918a31090682a5ed934.html> The Greater Bay Area's world-class port cluster, tax concessions for shipping operators, and the development of smart ports in Hong Kong are expected to make the city's seafaring industry more competitive amid sluggish growth in the global economy and trade.

Insurance premiums climb in wake of latest Russian missile attack. Sam Chambers. *Splash 247.com*. 10 November 2023. Available from: <https://splash247.com/insurance-premiums-climb-in-wake-of-latest-russian-missile-attack/> Ukrainian authorities insist the country's maritime export corridor remains open for business despite Tuesday's deadly missile attack on a Liberian-flagged, Philippines-owned bulk carrier.

World's No. 3 Container Carrier Warns Against Price War. Tara Patel. *Bloomberg*. 10 November 2023. Available from: <https://www.bnnbloomberg.ca/world-s-no-3-container-carrier-warns-against-price-war-1.1996955> CMA CGM SA, the world's No. 3 container carrier, urged the industry to avoid a price war as the delivery of new vessels threatens to push global shipping to a protracted slump.

The Lloyd's List Podcast: How does an economist solve shipping's climate conundrum? *Lloyd's List*. 10 November 2023. Available from: <https://www.lloydslist.com/LL1147231/> Two of the shipping industry's leading academics, Professor Siri Pettersen Strandenes and Dr Martin Stopford, join the podcast this week to discuss everything from the shifting nature of shipping economics to the digital and logistic solutions they would urge the industry to consider in response.

Shipping Shifts From Jackpot to Job Cuts After \$364 Billion Boom. Brendan Murray and Tara Patel. *Bloomberg*. 12 November 2023. Available from: <https://www.bnnbloomberg.ca/shipping-shifts-from-jackpot-to-job-cuts-after-364-billion-boom-1.1997546> Consumers gearing up to buy the latest imported appliances, clothes or electronic gadgets this holiday season might want to spare a thought for the companies that will struggle to make money for the next few years hauling products across the ocean.

Greek owner to sell all container ships, spend \$3B on LNG tankers. Greg Miller. *FreightWaves*. 13 November 2023. Available from: <https://www.freightwaves.com/news/greek-owner-to-sell-all-container-ships-spend-3b-on-lng-tankers> There have been a number of "big picture" questions about shipping stocks through the years: Should companies be "pure plays" or diversify across multiple segments?

‘Shot across the bow’ as US fires off letters to tanker players over Russia price cap.

Eric Priante Martin, Joe Brady and Paul Peachey. *TradeWinds*. 14 November 2023. Available from: <https://www.tradewindsnews.com/law/-shot-across-the-bow-as-us-fires-off-letters-to-tanker-players-over-russia-price-cap/2-1-1553893> US authorities have issued letters to an array of shipping companies in what industry sources see as an effort to put pressure on the tanker sector over the price cap on Russian oil.

Much awaited game changer for the African business community simplifies lengthy procedures, ...

Stephane Gaudechon. *Business Ghana*. 14 November 2023. Available from: <https://www.businessghana.com/site/news/business/297135/> Trade in Africa has become a popular talking point; with infrastructural, innovation and technical challenges dogging the process, impacting economic growth, thwarting intra-country business, and slowing the development of regional economic corridors.

Is Shipping the Easiest “Hard-to-Abate” Sector? - Episode 143. *Cleaning Up*.

15 November 2023. Available from: <https://www.cleaningup.live/is-shipping-the-easiest-hard-to-abate-sector-ep143-johannah-christensen/> This week, Bryony’s guest is Johannah Christensen, CEO of the Global Maritime Forum.

Maersk to ship goods on alternative fuels for Norwegian retailer. Liv Almer. *ShippingWatch*.

15 November 2023. Available from: https://shippingwatch.com/regulation/article16603999_ece From now on, all freight from Norwegian retail giant Europris will be shipped via Maersk’s Eco Delivery Ocean service, which uses alternative fuels for its shipments, Maersk said in a statement on Tuesday.

Shipping must switch to renewable hydrogen fuels by 2040 to hit IMO targets, Lloyd’s List webinar hears. Enes Tunagur. *Lloyd’s List*. 16 November 2023. Available from:

<https://www.loydlist.com/LL1147292> The entire shipping fleet needs to make the transition to renewable hydrogen-derived fuels in 2040 to hit revised targets by the International Maritime Organization, according to Tristan Smith, associate professor in energy and transport at University College London.

EU backs global shipping levy as it seeks to deflect carbon trading criticism. Adam Corbett.

TradeWinds. 17 November 2023. Available from: <https://www.tradewindsnews.com/business-focus/eu-backs-global-shipping-levy-as-it-seeks-to-deflect-carbon-trading-criticism/2-1-1545823> The European Union’s controversial carbon emission trading scheme looks set to get off the ground on schedule next year without a hint of a legal or diplomatic challenge.

Xeneta Customers Say: Has ocean shipping lost its moral compass? *Hellenic Shipping News*.

17 November 2023. Available from: <https://www.hellenicshippingnews.com/xeneta-customers-say-has-ocean-shipping-lost-its-moral-compass/> “Respect, fairness and integrity” must be the cornerstone of a post-pandemic shipping market which has produced a breeding ground for opportunistic behaviours.

The rise of LNG-powered vessels in container shipping. Jessica Casey. *LNG Industry*.

21 November 2023. Available from: <https://www.lngindustry.com/special-reports/21112023/> With nearly three years since the implementation of IMO2020, aimed at reducing sulfur in ship fuels for cleaner air, container shipping operators have embarked on a journey of innovation.

Hong Kong Maritime Week 2023 opens. *Xinde Marine News (China)*. 22 November 2023.

Available from: <https://www.xindemarinenews.com/en/market/2023/1122/51539.html>

On November 20, Hong Kong Maritime Week 2023 was launched to bring together maritime leaders home and abroad for a week of activities aimed at reinforcing Hong Kong's position as an international maritime centre.

Access to green fuels a priority for hard-to-decarbonise shipping. *Ship & Bunker*.

22 November 2023. Available from: <https://shipandbunker.com/news/emea/807704-access-to-green-fuels-a-priority-for-hard-to-decarbonise-shipping> A move to allow trucks to use more green fuels in order to hit carbon reduction targets (the Carbon Correction Factor) has been rejected by the European Parliament.

First movers key to shipping decarbonisation. Anya Fielding. *Argus Media*. 22 November 2023.

Available from: <https://www.argusmedia.com/en/news/2512019-first-movers-key-to-shipping-decarbonisation> Being a first mover in the shipping industry decarbonisation race could help companies manage their costs more effectively, while progressing net zero targets, delegates at the Motorship's 44th propulsion and future fuels conference in Hamburg heard this week.

Morocco to Create 'Competitive' Commercial Maritime Fleet. Jihane Rahhou. *Morocco World News*. 22 November 2023. Available from:

<https://www.morocoworldnews.com/2023/11/359095/morocco-to-create-competitive-commercial-maritime-fleet> Morocco's Minister of Transport and Logistics, Mohammed Abdeljalil, said on Tuesday that his ministry is in the process of launching a study for the creation of a "strong and competitive" national Maritime commercial fleet.

Maersk signs landmark green methanol offtake agreement, significantly de-risking its low-emission operations in this decade. *Maersk*. 22 November 2023. Available from:

<https://www.maersk.com/news/articles/2023/11/22/maersk-signs-landmark-green-methanol-offtake-agreement> The offtake agreement between A.P. Moller - Maersk and Chinese developer Goldwind, a global leader in clean energy, reaches into the next decade and marks the first large scale green methanol offtake agreement for the global shipping industry.

An equitable and just transition to low-carbon shipping. *United Nations Conference on Trade and Development (UNCTAD)*. 23 November 2023. Available from:

<https://unctad.org/publication/equitable-and-just-transition-low-carbon-shipping> The twenty-eighth session of the Conference of the Parties to the United Nations Framework Convention on Climate Change provides an opportunity to assess progress in decarbonization efforts in the shipping sector and adds further momentum to carbon reduction actions. [UNCTAD Policy Brief No. 112](#) 

Industry veteran rains on alternative fuels advocates' song sheet. Michael Grinter. *Hong Kong Maritime Hub*. 23 November 2023. Available from:

<http://www.hongkongmaritimehub.com/industry-veteran-rains-on-alternative-fuels-advocates-song-sheet/> Former managing director of the Hong Kong Shipowners Association, Arthur Bowring was in full maverick mode when he spoke at the fourth edition of Mare Forum in Hong Kong yesterday.

Shipping lobbies want political support for the sector at COP 28 in Dubai. Mette Grube Condrup. *ShippingWatch*. 27 November 2023. Available from:

<https://shippingwatch.com/regulation/article16636051.ece> Two of the world's largest shipping associations are calling for greater support for the green transition of shipping.

The decarbonisation of maritime transport: navigating between a global and EU approach. Maria Olczak and Andris Piebalgs. *Oxford Institute for Energy Studies*. 27 November 2023. Available from: <https://www.oxfordenergy.org/publications/the-decarbonisation-of-maritime-transport-navigating-between-a-global-and-eu-approach/> Maritime transport accounts for ~3% of global anthropogenic greenhouse gases (GHGs), yet is not covered by the Paris Agreement objectives. [Report](#) 

Innovation and Growth Take Center Stage at the 4th Annual Maritime SheEO Conference in Mumbai. *Deccan Herald (India)*. 27 November 2023. Available from: <https://www.deccanherald.com/brandpr/innovation-and-growth-take-center-stage-at-the-4th-annual-maritime-sheeo-conference-in-mumbai-2786187> The conference featured over 50 speakers addressing topics ranging from Sustainable Shipping Practices to Psychological Security and Diversity and Inclusion Policies.

Storms Wreak Havoc on Shipping in the Mediterranean and Black Sea. *Maritime Executive*. 27 November 2023. Available from: <https://maritime-executive.com/article/strong-storms-play-havoc-on-shipping-in-the-mediterranean-and-black-sea>  Strong storms moved across the Mediterranean and Black Sea with Russian and Turkish authorities saying the storms in their region were among the strongest they have experienced.

Words matter: Net is not zero. Madadh MacLaine. *Splash 247.com*. 28 November 2023. Available from: <https://splash247.com/words-matter-net-is-not-zero/> Madadh MacLaine, secretary-general of the Zero Emissions Ship Technology Association, is a fan of our lead columnist. Here, she dives into the unacceptable wiggle room some environmental terminology can give our industry.

Digitization of logistics processes strengthens economy: Minister. *Antara News (Indonesia)*. 28 November 2023. Available from: <https://en.antaranews.com/news/299646/> Digitization of logistics and export-import processes helps Indonesia boost and strengthen its economic certainty, Finance Minister Sri Mulyani Indrawati stated.

Shipping containers to post two consecutive years of decline: Drewry. *Logistics Update Africa*. 28 November 2023. Available from: <https://www.logupdateafrica.com/shipping/shipping-containers-to-post-two-consecutive-years-of-decline-drewry-1350554> The global pool of shipping containers is expected to contract in both 2023 and 2024, according to Drewry's latest report on the container equipment market.

COP28's debatable influence on shipping stirs controversy. Sam Chambers. *Splash 247.com*. 29 November 2023. Available from: <https://splash247.com/cop28s-debatable-influence-on-shipping-stirs-controversy/> Dubai airport has rolled out the red carpet today for a host of dignitaries flying in for COP28, the annual United Nations Climate Change Conference.

International Chamber of Shipping statement on the recent attacks against commercial ships transiting the southern Red Sea and the Gulf of Aden. *International Chamber of Shipping (ICS)*. 29 November 2023. Available from: <https://tinyurl.com/2ukxprwh> The International Chamber of Shipping has serious concerns regarding the recent attacks against commercial ships transiting the southern Red Sea and the Gulf of Aden.

Report: Women and minorities still outnumbered in shipping offices. Mette Grube Condrup. *ShippingWatch*. 29 November 2023. Available from: <https://shippingwatch.com/carriers/article16645188.ece> The gender balance in the land-based shipping industry is improving, but you still have to look far and wide for women in managerial positions.

RESEARCH

Xiao Z, Lu X, et al. **COLREGs-compliant unmanned surface vehicles collision avoidance based on improved differential evolution algorithm.** *Expert Systems with Applications*.

12 September 2023. Available from:

<https://www.sciencedirect.com/science/article/abs/pii/S0957417423020018> Unmanned surface vessel (USV) has a wide range of applications in oceanographic research, resource development, environment detection, and security rescue due to its advantages of manoeuvrability, flexibility, fast response, and intelligence.

Zincir BA and Arslanoglu Y. **Comparative Life Cycle Assessment of Alternative Marine Fuels.** *Fuel*. 16 October 2023. Available from:

<https://www.sciencedirect.com/science/article/abs/pii/S0016236123026091> With the stricter rules introduced by the policymakers in maritime transportation, harmful emissions are aimed to be mitigated.

Liu J, Xu H, et al. **Emission reduction technologies for shipping supply chains under carbon tax with knowledge sharing.** *Ocean & Coastal Management*. 26 October 2023. Available from:

<https://www.sciencedirect.com/science/article/pii/S0964569123003940> In response to the gradually increasing pressures of global climate change, governments and enterprises around the world are taking proactive measures to encourage the shipping industry to reduce emissions.

Le DD, Le TAD, et al. **Vietnam's regulations on sea dumping: Outstanding issues and suggestions for improvement.** *Regional Studies in Marine Science*. 2 November 2023. Available from:

<https://www.sciencedirect.com/science/article/abs/pii/S2352485523004437> Sea dumping in Vietnam has been a common practice for several years but has only been managed by dumping permits since the Law on Marine and Island Resources and Environment (LMIRE) came into force in 2016.

Hansen JE, Sato M, et al. **Global warming in the pipeline.** *Oxford Open Climate Change*.

2 November 2023. Available from: <https://academic.oup.com/oocc/article/3/1/kgad008/7335889>

Improved knowledge of glacial-to-interglacial global temperature change yields Charney (fast-feedback) equilibrium climate sensitivity $1.2 \pm 0.3^\circ\text{C}$ (2σ) per W/m^2 , which is $4.8^\circ\text{C} \pm 1.2^\circ\text{C}$ for doubled CO_2 .

Febriyanto K, Guedes JCC, et al. **A Systematic Review on Occupational Noise Among the Sailors: Measurement, Standards, and Control.** *Occupational and Environmental Safety and Health V*. 4 November 2023. Available from:

https://link.springer.com/chapter/10.1007/978-3-031-38277-2_63 This literature review aims to provide an up-to-date literature review and evaluation of the evidence base that compares occupational noise measurements on ships, standards, and noise control recommendations.

Ten KH, Kang H-S, et al. **Automatic identification system in accelerating decarbonization of maritime transportation: The state-of-the-art and opportunities.** *Ocean Engineering*.

6 November 2023. Available from:

<https://www.sciencedirect.com/science/article/abs/pii/S0029801823026161> This paper presents a review of the state-of-the-art Automatic Identification System (AIS) data-driven studies and applications in effort to control the carbon footprint from maritime transportation, followed by the prospects of decarbonization measures that demand AIS complement.

Bergmann M, Arp HPH, et al. **Moving from symptom management to upstream plastics prevention: The fallacy of plastic cleanup technology.** *One Earth*. 9 November 2023. Available from: [https://www.cell.com/one-earth/fulltext/S2590-3322\(23\)00497-9](https://www.cell.com/one-earth/fulltext/S2590-3322(23)00497-9) Plastic removal technologies can temporarily mitigate plastic accumulation at local scales, but evidence-based criteria are needed in policies to ensure that they are feasible and that ecological benefits outweigh the costs.

Anderson K, Buck HJ, et al. **Controversies of carbon dioxide removal.** *Nature Reviews Earth & Environment*. 16 November 2023. Available from: <https://www.mdpi.com/2076-3298/10/9/155> Various methods of carbon dioxide removal (CDR) are being pursued in response to the climate crisis, but they are mostly not proven at scale.

Tang J. **Form follows function: An initial evaluation of the BBNJ Agreement’s achievements regarding the “not undermining” proviso.** *Marine Policy*. 26 November 2023. Available from: <https://www.sciencedirect.com/science/article/abs/pii/S0308597X23004852> The adoption of the Agreement under the United Nations Convention on the Law of the Sea on the Conservation and Sustainable Use of Marine Biological Diversity of Areas beyond National Jurisdiction (BBNJ Agreement) ushers in a new era of global ocean governance.

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maritimeknowledgecentre@imo.org

About the cover

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