

# INTERNATIONAL MARITIME ORGANIZATION MARITIME KNOWLEDGE CENTRE (MKC)

*“Sharing Maritime Knowledge”*

## CURRENT AWARENESS BULLETIN NOVEMBER - DECEMBER 2021

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## About the MKC Current Awareness Bulletin (CAB)

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

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

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

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## **IMO NEWS & EVENTS**

### **WHAT'S NEW**

#### **IMO Assembly elects new 40-Member Council**

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. [More...](#)

#### **IMO Council to expand - amendments adopted**

The IMO Assembly has adopted amendments to the [IMO Convention](#) to expand the size of the Council, extend the term of its Members and recognize three additional language texts as authentic versions of the IMO Convention. [More...](#)

#### **IMO moves ahead on GHG emissions, Black Carbon and marine litter**

The International Maritime Organization (IMO) in view of the urgency for all sectors to accelerate their efforts to reduce GHG emissions - as emphasized in the recent IPCC reports and the Glasgow Climate Pact - recognized the need to strengthen the ambition of the Initial IMO GHG Strategy during its revision process. IMO's Marine Environment Protection Committee (MEPC), meeting virtually for its 77th session, 22-26 November 2021, agreed to initiate the revision of its GHG strategy. [More...](#)

### **IMO MEETINGS**

**Programme of Meetings for 2022 (issued 16 December 2021) can be downloaded [here](#)**

#### **Previous Meetings (REMOTE)**

[IMO Council Extraordinary Session \(C/ES 34\)](#) – 8-12/22 November 2021

[Marine Environment Protection Committee \(MEPC 77\)](#) – 22-26 November 2021

[IMO Assembly \(A 32\)](#) – 6-15 December 2021 - [IMO Council \(C 126\)](#) – 16 December 2021

[Sub-Committee on Ship Design and Construction \(SDC 8\)](#) – 17-21 January 2022

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

#### **Forthcoming Meetings (REMOTE)**

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

## **LATEST PRESS BRIEFINGS**

[Addressing seafarers' challenges during the COVID-19 pandemic](#)  
20 December 2021

[IMO-Norad project to demonstrate solutions for GHG and biosafety](#)  
14 December 2021

[IMO sets International Day for Women in Maritime](#)  
14 December 2021

[IMO celebrates bravery at sea](#)  
9 December 2021

[Seafarers, climate change in the spotlight at IMO 32nd Assembly](#)  
7 December 2021

[IMO International Maritime Prize awarded to Mr. Paul Sadler](#)  
7 December 2021

## **RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM**

[La Rochelle Maritime Symposium - Employment and skills challenges in the European maritime transport and services sector](#) – 9 February 2022

Sub-Committee on Ship Design and Construction (SDC 8) – 17-21 January 2022  
([Opening](#) remarks)

32nd IMO Assembly (A 32) – 6-15 December 2021 ([Opening](#) and [Closing](#) remarks)

[Annual IMO Awards 2021](#) – 6 December 2021

[Keynote address at second Maritime SheEO conference](#) – 25 November 2021

Marine Environment Protection Committee (MEPC 77) – 22-26 November 2021  
([Opening](#) and [Closing](#) remarks)

**IMO NEWS MAGAZINE**

[Summer 2021](#)

**IMO PUBLISHING**

[Just Published 2021](#)

## UNITED NATIONS

**COP26: Enough of ‘treating nature like a toilet’ – Guterres brings stark call for climate action to Glasgow.** *UN News*. 1 November 2021. Available from:

<https://news.un.org/en/story/2021/11/1104542> As the World Leaders Summit opened on day two of COP26, UN chief António Guterres sent a stark message to the international community.

**UN mourns with Sierra Leone, pledges all ‘necessary support’ following deadly tanker crash.**

*UN News*. 7 November 2021. Available from: <https://news.un.org/en/story/2021/11/1105122>

The UN chief has joined the whole UN system in Sierra Leone in mourning the victims of an fuel tanker collision on Friday night in the capital Freetown, that reportedly left at least 98 people dead, and many more injured.

**Women bear the brunt of the climate crisis, COP26 highlights.** *UN News*. 9 November 2021.

Available from: <https://news.un.org/en/story/2021/11/1105322> After ‘walking’ some 8,000 miles across Europe, Little Amal, a giant puppet representing a young Syrian refugee girl, arrived in Glasgow right on time for ‘Women’s Day’ at COP26.

**Draft COP decision proposed by the President.** *United Nations Framework Convention on Climate Change (UNFCCC)*. 10 November 2021. Available from:

[https://unfccc.int/sites/default/files/resource/Overarching\\_decision\\_1-CP-26.pdf](https://unfccc.int/sites/default/files/resource/Overarching_decision_1-CP-26.pdf) Draft text on Decision 1/CP.26 Version 10/11/2021 05:48.

**PODCAST: COP26 negotiators ‘roll up their sleeves’ to get a deal.** *UN News*.

11 November 2021. Available from: <https://news.un.org/en/audio/2021/11/1105612> In theory it is the penultimate day of COP26, but this is dependent on negotiators reaching a final agreement, with many thorny details still to be ironed out.

**COP26: Promises ‘ring hollow’ when fossil fuels still receive trillions in subsidies; UN chief calls on negotiators to pick up the pace.** *UN News*. 11 November 2021. Available from:

<https://news.un.org/en/story/2021/11/1105562> Governments need to show the necessary ambition on mitigation, adaptation, and finance in a balanced way, and they can’t settle for the “lowest common denominator”, the UN Secretary-General has said in Glasgow, where crucial climate negotiations are in the final stretch.

**COP26 closes with ‘compromise’ deal on climate, but it’s not enough, says UN chief.**

*UN News*. 13 November 2021. Available from: <https://news.un.org/en/story/2021/11/1105792>

After extending the COP26 climate negotiations an extra day, nearly 200 countries meeting in Glasgow, Scotland, adopted on Saturday an outcome document that, according to the UN Secretary-General, “reflects the interests, the contradictions, and the state of political will in the world today”.


**Interview: The most impactful actions at COP26 point to progress on climate change.**


*UN News*. 22 November 2021. Available from: <https://news.un.org/en/story/2021/11/1106242>

Of the many agreements and initiatives announced at the 26<sup>th</sup> UN Climate Conference (COP26) in Glasgow, the UN Climate Communications Lead at the Department of Global Communications narrowed down the three that she deemed most impactful.


**World trade reaches all-time high, but 2022 outlook ‘uncertain’: UNCTAD.** *UN News*.

30 November 2021. Available from: <https://news.un.org/en/story/2021/11/1106812> Global trade is expected to be worth about \$28 trillion this year - an increase of 23 per cent compared with 2020 - but the outlook for 2022 remains very uncertain, UN economists said on Tuesday.

**Global Trade Update – November 2021.** *United Nations Conference on Trade and Development (UNCTAD)*. 30 November 2021. Available from: [https://unctad.org/system/files/official-document/ditcinf2021d4\\_en.pdf](https://unctad.org/system/files/official-document/ditcinf2021d4_en.pdf)  Global trade growth remained strong during 2021.

**First Person: ‘Trafficking is a crime that can happen in front of our eyes’.** *UN News*. 5 December 2021. Available from: <https://news.un.org/en/story/2021/12/1107042> Ilias Chatzis heads up a global team of more than 60 experts at the UN Office on Drugs and Crime (UNODC), committed to countering Human Trafficking and Migrant Smuggling. [Awake at Night](#) 




**Transformative changemakers named UN’s 2021 Champions of the Earth.** *UN Environment Programme (UNEP)*. 7 December 2021. Available from: <https://www.unep.org/news-and-stories/press-release/transformative-changemakers-named-uns-2021-champions-earth> The UN Environment Programme (UNEP) today announced its 2021 Champions of the Earth.

**Women sweep UN’s 2021 ‘Champions of the Earth’ awards.** *UN News*. 7 December 2021. Available from: <https://news.un.org/en/story/2021/12/1107272>  A Caribbean-based prime minister, a scientist, a group of indigenous women, and an entrepreneur were announced on Tuesday as this year’s winners of the United Nations’ Champions of the Earth awards.

**Human Rights Day: Rebuild trust, expand freedoms, restore equality.** *UN News*. 9 December 2021. Available from: <https://news.un.org/en/story/2021/12/1107612> Despite significant progress since the adoption of the Universal Declaration of Human Rights (UDHR) 73 years ago, the COVID pandemic has “fed a frightening rise in inequalities”, and laid bare “many of our failures to consolidate the advances made”, said UN rights chief Michelle Bachelet, in a message marking Human Rights Day.

**Global merchandise trade exceeds pre-COVID-19 level, but services recovery falls short.** *United Nations Conference on Trade and Development (UNCTAD)*. 9 December 2021. Available from: <https://unctad.org/news/global-merchandise-trade-exceeds-pre-covid-19-level-services-recovery-falls-short> UNCTAD’s Handbook of Statistics for 2021 published on 9 December nowcasts a strong increase of 22.4% in the value of global merchandise trade this year compared with 2020.

**38°C record Arctic temperature confirmed, others likely to follow: WMO.** *UN News*. 14 December 2021. Available from: <https://news.un.org/en/story/2021/12/1107872> A new and disturbing high temperature record for the Arctic of 38 degrees Celsius, or just over 100 degrees Fahrenheit, was confirmed by the World Meteorological Organization (WMO) on Tuesday.

**Handbook of Statistics 2021.** *United Nations Conference on Trade and Development (UNCTAD)*. December 2021. Available from: <https://unctad.org/webflyer/handbook-statistics-2021> The UNCTAD Handbook of Statistics 2021 provides a wide range of statistics and indicators relevant to the analysis of international trade, investment, maritime transport and development. [Fact sheet #13: World seaborne trade](#)  [Fact sheet #14: Merchant fleet](#)  [Fact sheet #15: Maritime transport indicators](#) 



## CASUALTIES

### **Stellar Banner Casualty Investigation Report.** *Government of the Marshall Islands.*

26 October 2021. Available from: <https://bit.ly/3uN9pRD> 📄 On 24 February 2020, the Republic of the Marshall Islands-registered VLOC *STELLAR BANNER*, managed by Polaris Shipping Co. Ltd., contacted the bottom after departing from Ponta da Madeira, Federative Republic of Brazil, while laden with 294,871 MT of iron ore.

### **Stellar Banner master's decision to deviate led to catastrophic grounding.** Adam Corbett.

*TradeWinds*. 2 November 2021. Available from: <https://www.tradewindsnews.com/casualties/stellar-banner-masters-decision-to-deviate-led-to-catastrophic-grounding/2-1-1092108> A Marshall Islands safety investigation has highlighted a decision to deviate from a passage plan as a major factor leading to the loss of a Polaris Shipping controlled VLOC last year.

### **Safety warning about crushing injuries in stowage spaces after the loss of 1 life on ro-ro ferry Clipper Pennant.** *UK Marine Accident Investigation Branch (MAIB)*. 4 November 2021.

Available from: <https://www.gov.uk/maib-reports/safety-warning-about-crushing-injuries-in-stowage-spaces-after-the-loss-of-1-life-on-ro-ro-ferry-clipper-pennant> On 20 July 2021, the bosun of the roll-on roll-off cargo ferry *Clipper Pennant* suffered fatal crushing injuries during cargo loading operations; Fatal crushing injury of a crewman on the upper vehicle deck of the roll-on roll-off ferry *Clipper Pennant* in Liverpool, England on 20 July 2021. [MAIB Safety Bulletin November 2021](#) 📄

### **MSC Boxship Suffers Engine Room Fire in Gulf of Finland.** *Maritime Executive*.

7 November 2021. Available from: <https://www.maritime-executive.com/article/msc-boxship-suffers-engine-room-fire-in-gulf-of-finland> On Sunday morning, the boxship *MSC Shannon* sustained an engine room fire at a position in the Gulf of Finland, disabling her and prompting a large-scale emergency response.

### **MPP suffers hull cracking in grounding and crew evacuated.** Gary Dixon. *TradeWinds*.

9 November 2021. Available from: <https://www.tradewindsnews.com/casualties/mpp-suffers-hull-cracking-in-grounding-and-crew-evacuated/2-1-1095627> 📄 *Rise Shine* still intact off Russia despite reports vessel had split in two.

### **The story of the Zim Kingston vessel and its unlucky cargo stuck at sea.** Justine Hunter.

*Globe and Mail (Canada)*. 13 November 2021. Available from: <https://www.theglobeandmail.com/canada/british-columbia/article-stuck-at-sea-the-zim-kingston-and-its-unlucky-cargo/> Three weeks after a fire engulfed containers aboard the *MV Zim Kingston*, the huge ship remains at anchor off Victoria, waiting to secure a facility willing to accept its rotting, burned and storm-tossed cargo.

### **Seabed rock may have caused holes in Estonia ferry that sank, officials say.** *Reuters*.

16 November 2021. Available from: <https://www.reuters.com/world/europe/seabed-rock-may-have-caused-holes-estonia-ferry-that-sank-officials-say-2021-11-16/> Rock on the seabed may have gouged previously unknown holes in the hull of the ferry *Estonia*, which sank in the Baltic Sea in 1994 with the loss of 852 lives, officials said on Tuesday following a new examination of the wreck.

### **Two seafarers die in blaze on Chemship tanker.** Gary Dixon. *TradeWinds*. 23 November 2021.

Available from: <https://www.tradewindsnews.com/casualties/two-seafarers-die-in-blaze-on-chemship-tanker/2-1-1102664> Rotterdam-based owner Chemship said the blaze started in the engine room of the 14,300-dwt *Chemical Master* (built 2009) at 11:30 pm GMT on Monday.

**Tanker Master's Fatigue Led to \$72.9M Marine Accident.** *US National Transportation Safety Board*. 23 November 2021. Available from: <https://www.nts.gov/news/press-releases/Pages/NR20211123b.aspx> A tanker operating company's decision to change masters without a handover period led to a \$72.9 million marine accident, according to a National Transportation Safety Board Marine Accident Brief issued Tuesday. [Accident Investigation Brief 21/24](#) 📄

**Never again: how a better understanding of aerodynamics and hydrodynamics could help prevent another *Ever Given* incident.** *Nautilus International*. 26 November 2021. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/never-again-how-a-better-understanding-of-aerodynamics-and-hydrodynamics-could-help-prevent-another-ever-given-incident/> In the wake of the *Ever Given* incident in the Suez Canal earlier this year, it is perhaps prudent to highlight the issues and factors involved in navigating such waterways and to discuss how the manoeuvrability of a ship is affected while approaching shallower or narrower waters.

**Two merchant vessels collide near Gulf of Kutch, no casualty or oil spill reported: ICG.** *New Indian Express*. 27 November 2021. Available from: <https://www.newindianexpress.com/nation/2021/nov/27/two-merchant-vessels-collide-near-gulf-of-kutch-no-casualty-or-oil-spill-reported-icg-2388903.html> The collision between oil/chemical tanker *MV Atlantic Grace* and bulk carrier *MV Aviator* occurred around 21:30 hours on November 26 in the area considered to be a very sensitive marine reserve.

**Video: Reefer Boxship Hits Seawall Departing Japanese Port.** *Maritime Executive*. 29 November 2021. Available from: <https://www.maritime-executive.com/article/video-reefer-hits-seawall-departing-japanese-port> 📺 A reefer cargo ship departing the southern Japanese port of Hakata near Fukuoka made a navigation error, causing it to strike the seawall at the entrance to the port.

**UK Marine Accident Investigation Report 14/2021: Collision between prawn trawler *Achieve* and general cargo vessel *Talis* and subsequent sinking of *Achieve*.** *UK Marine Accident Investigation Branch (MAIB)*. 3 December 2021. Available from: <https://bit.ly/3gJVSSA> On 8 November 2020, the UK registered fishing vessel *Achieve* (HL257) collided with the Panama registered general cargo ship *Talis* in fog. [Report](#) 📄 [Safety Flyer](#) 📄

**Winter box spill casualties return on the Pacific, Cosco ship forced to return to Asia.** Sam Chambers. *Splash 247.com*. 3 December 2021. Available from: <https://splash247.com/winter-box-spill-casualties-return-on-the-pacific-cosco-ship-forced-to-return-to-asia/> Brief details of the winter's first reported box spill on the Pacific are filtering through.

**Shell's *Prelude* LNG vessel shuts operations, staff evacuation underway after electrical fire.** Madison Snow. *ABC (Australia)*. 5 December 2021. Available from: <https://www.abc.net.au/news/2021-12-05/electrical-fire-on-shell-prelude-flng-vessel-causes-evacuation/100675590> The world's largest floating liquefied natural gas (LNG) vessel has been shut down since Friday after a fire started in an electrical utility at 11pm on Thursday night.

**Timber cargo fire 'largely extinguished' on NSC handysize bulk carrier off Sweden.** Gary Dixon. *TradeWinds*. 6 December 2021. Available from: <https://www.tradewindsnews.com/casualties/timber-cargo-fire-largely-extinguished-on-nsc-handysize-bulk-carrier-off-sweden/2-1-1115697> 📺 "The crew are not in danger. The safety of the crew is kept under continuous review," the company said.



**Seafarers being evacuated from grounded Chinese cargo ship in Russia.** Gary Dixon.

*TradeWinds*. 7 December 2021. Available from:

<https://www.tradewindsnews.com/casualties/seafarers-being-evacuated-from-grounded-chinese-cargo-ship-in-russia/2-1-1116389> 📰 Russian authorities have begun to evacuate seafarers from a Chinese cargo ship that grounded at Kholmsk in Sakhalin.

**Sweden asks Norway to help as fire on timber ship threatens to spread.** *Reuters*.

9 December 2021. Available from: <https://www.reuters.com/markets/commodities/sweden-asks-norway-help-fire-timber-ship-threatens-spread-2021-12-08/> Sweden has asked Norway for assistance in fighting a fire that started on a cargo ship carrying timber off Sweden's west coast on Saturday as it risks spreading, authorities said.

**Unloading of *Almirante Storni* proceeding according to plan.** *Port of Gothenburg*.

12 December 2021. Available from: <https://www.portofgothenburg.com/news-room/press-releases/unloading-of-almirante-storni-proceeding-according-to-plan/> Since the bulk carrier *Almirante Storni* called at the port of Gothenburg on Saturday, the job of extinguishing and unloading the damaged goods on the ship has been ongoing in parallel.

**Several vessels from the Swedish Coast Guard are included in the rescue work after the night's ship accident.** *Swedish Coast Guard*. 13 December 2021. Available from:

<https://www.kustbevakningen.se/en/more-news/several-coast-guard-vessels-are-included-in-the-rescue-work-after-the-nights-ship-accident/> The Swedish Coast Guard participates in the search for missing crew members in the night's ship accident between *Ystad* and *Bornholm*.

**One dead, one missing after cargo ship capsizes in Baltic Sea collision.** *EuroNews*.

13 December 2021. Available from: <https://www.euronews.com/2021/12/13/one-still-missing-after-cargo-ship-capsizes-in-baltic-sea-collision> 📰 One person has died and another is missing after two cargo ships collided in the Baltic Sea, Swedish authorities have confirmed.

**Screams heard from water as Danish cargo ship capsizes.** Gary Dixon. *TradeWinds*.

13 December 2021. Available from: <https://www.tradewindsnews.com/casualties/screams-heard-from-water-as-danish-cargo-ship-capsizes/2-1-1121817> Swedish authorities have launched a rescue after a collision left a Danish cargo ship capsized and sinking.

**The Coast Guard ends operation *Almirante Storni* after a week.** *Swedish Coast Guard*.

13 December 2021. Available from: <https://www.kustbevakningen.se/en/more-news/fire-rages-on-cargo-ship-carrying-timber/> 📰 At 6 AM Saturday, work began on moving *Almirante Storni* from the anchorage outside Vinga to Scandiahallen in Gothenburg.

**Crew member found dead after Danish, British boats collide in Baltic.** Nikolaj Skydsgaard, Johan Ahlander and Niklas Pollard. *Reuters*. 13 December 2021. Available from:

<https://www.reuters.com/world/two-cargo-ships-have-collided-baltic-sea-swedish-public-broadcaster-2021-12-13> 📰 One of two Danish crew members missing from a capsized barge has been found dead in the hull after an overnight collision on Monday with a British cargo vessel in a busy Baltic Sea route off Sweden.

**Two detained after UK boat's fatal collision off Sweden.** *BBC News*. 14 December 2021.

Available from: <https://www.bbc.co.uk/news/world-europe-59633882> Prosecutors are investigating allegations of gross negligence and gross drunkenness at sea involving the UK-flagged *Scot Carrier*.

**Suspicion of manslaughter after 'hit-and-run' off Sweden.** Bob Rust. *TradeWinds*.

14 December 2021. Available from: <https://www.tradewindsnews.com/casualties/suspicion-of-manslaughter-after-hit-and-run-off-sweden/2-1-1122411> Swedish authorities are weighing charges ranging from drunkenness at sea and gross negligence up to manslaughter after a deadly collision in the early morning hours off the southern coast of Sweden.

**Shipowner admits UK vessel left scene of deadly collision.** Bob Rust. *TradeWinds*. 14 December 2021. Available from: <https://www.tradewindsnews.com/casualties/shipowner-admits-uk-vessel-left-scene-of-deadly-collision/2-1-1123677> A UK-flag multipurpose ship left the scene of a fatal collision in Swedish waters in the early hours of Monday, shipowner Scotline has acknowledged.

## ENVIRONMENT

**Countries unable to reach COP26 could soon vanish.** *WIRED*. 28 October 2021. Available from: <https://www.wired.co.uk/article/cop26-pacific-island-nations> Island nations in the Pacific often play a major role at UN climate conferences.

**These 4 charts explain why the stakes are so high at the U.N. climate summit.** *National Public Radio (US)*. 29 October 2021. Available from: <https://www.npr.org/2021/10/29/1045344199/cop26-glasgow-climate-summit> Leaders from around the world are gathering in Glasgow, Scotland, to hammer out new pledges to fight climate change.

**State of Climate in 2021: Extreme Events and Major Impacts.** *United Nations Framework Convention on Climate Change (UNFCCC)*. 31 October 2021. Available from: <https://unfccc.int/news/state-of-climate-in-2021-extreme-events-and-major-impacts> Record atmospheric greenhouse gas concentrations and associated accumulated heat have propelled the planet into uncharted territory, with far-reaching repercussions for current and future generations, according to the World Meteorological Organization (WMO).

**The expert climate view from the world's most vulnerable nations: Small island states.** Peter Thompson and Danny Faure. *Geographical*. 1 November 2021. Available from: <http://geographical.co.uk/nature/climate/item/4192> Authors are Ambassador Peter Thompson, a Fijian diplomat currently serving as the UN Secretary-General's special envoy for the ocean and Danny Faure, former President of the Seychelles.

**World leaders, corporations at COP26, take major step to restore and protect forests.** *UN News*. 2 November 2021. Available from: <https://news.un.org/en/story/2021/11/1104642> Fittingly, the COP26 plenary today was lit up in green, and the room was filled with the sounds of chirping birds and rustling leaves coming from the giant video screens and speakers. [Glasgow Leaders' Declaration on Forests and Land Use](#)

**By 2030, half world's population will be exposed to flooding, storms, tsunamis.** *UN News*. 4 November 2021. Available from: <https://news.un.org/en/story/2021/11/1104972> By the year 2030, an estimated 50 per cent of the world's population will live in coastal areas which are exposed to flooding, storms and tsunamis.

**COP26 climate pledges could help limit global warming to 1.8 °C, but implementing them will be the key.** *International Energy Agency (IEA)*. 4 November 2021. Available from: <https://www.iea.org/commentaries/cop26-climate-pledges-could-help-limit-global-warming-to-1-8-c-but-implementing-them-will-be-the-key> All the climate pledges announced to date, if met in full and on time, would be enough to hold the rise in global temperatures to 1.8 °C by 2100.

**Warming oceans expected to ruin Pacific tuna industry.** *Radio New Zealand*. 9 November 2021. Available from: <https://www.rnz.co.nz/international/pacific-news/455301/warming-oceans-expected-to-ruin-pacific-tuna-industry> The COP26 climate talks have heard that the Pacific Island region will need to contend with the loss of Pacific tuna stocks which are under threat from climate change.

**Island nations rise up as their homelands start to sink.** Miki Perkins. *Sydney Morning Herald (Australia)*. 14 November 2021. Available from: <https://www.smh.com.au/environment/climate-change/island-nations-rise-up-as-their-homelands-start-to-sink-20211112-p598l3.html> Dressed in a business suit and standing thigh-deep in seawater on the rocky coastline of his low-lying island home, Tuvalu's Foreign Minister Simon Kofe addressed dignitaries via video at the Glasgow climate conference this week.

**COP26: How might decisions at the climate summit change our lives?** Helen Briggs. *BBC News*. 15 November 2021. Available from: <https://www.bbc.co.uk/news/science-environment-59263761> Switching to an electric car is among a number of lifestyle changes we're likely to be making.

**COP26: ocean action is climate action.** *World Ocean Initiative*. 17 November 2021. Available from: <https://ocean.economist.com/governance/articles/untitled-cop26-ocean-action-is-climate-action> Coastal and marine habitats are like the canary in the climate change coal mine.

**The ocean is essential to tackling climate change. So why has it been neglected in global climate talks?** Sali Bache. *The Conversation*. 19 November 2021. Available from: <https://theconversation.com/the-ocean-is-essential-to-tackling-climate-change-so-why-has-it-been-neglected-in-global-climate-talks-171309> Climate change is commonly discussed as though it's a uniquely atmospheric phenomena.

**Seas are coming for us in Kiribati.** Pita Ligaiula. *Pacific Islands News Association (PINA)*. 23 November 2021. Available from: <https://pina.com.fj/2021/11/23/seas-are-coming-for-us-in-kiribati/> Despite the progress and momentum of the COP26 climate conference in Glasgow, we are still not moving fast enough to avoid the worst of climate change.

**Oceans will determine if we sink or swim when it comes to achieving our climate goals.** Rochelle Baker. *The Star (Canada)*. 23 November 2021. Available from: <https://www.thestar.com/news/canada/2021/11/23/oceans-will-determine-if-we-sink-or-swim-when-it-comes-to-achieving-our-climate-goals.html> The world's oceans suck up a huge chunk of human-caused emissions, but their role in mitigation strategies and targets is largely absent from critical negotiations underway at the UN climate conference in Glasgow, Canadian scientist Anya Waite says.

**UN Climate Change Set to Help Scale up Climate Technologies.** *United Nations Framework Convention on Climate Change (UNFCCC)*. 23 November 2021. Available from: <https://unfccc.int/news/un-climate-change-set-to-help-scale-up-climate-technologies> This year, the UN Climate Change published a report summarizing the national climate action plans submitted by governments under the Paris Agreement, known as Nationally Determined Contributions (NDCs).

**Great Barrier Reef bursting with colour as it recovers from years of coral bleaching.** *Sky News*. 24 November 2021. Available from: <https://news.sky.com/story/great-barrier-reef-bursting-with-colour-as-it-recovers-from-years-of-coral-bleaching-12477172> Scientists observe spawning off the coast of Cairns and share their excitement for the reef's recovery following years of damage caused by rising ocean temperatures.

**Challenges for the ocean.** Wanshika Kumar. *Fiji Times*. 5 December 2021. Available from: <https://www.fijitimes.com.fj/challenges-for-the-ocean/> It is impossible for any one country or one organisation to address all of the challenges the ocean faces, says Attorney-General and Minister responsible for Climate Change Aiyaz Sayed-Khaiyum.

**COP 22 adopts bold measures for the protection of the environment that can catalyze a green recovery in the Mediterranean.** *United Nations Environment Programme (UNEP).*

10 December 2021. Available from: <https://www.unep.org/unepmap/news/press-release/barcelona-convention-cop-22-adopts-bold-measures-protection-marine-and-coastal> The Contracting Parties to the Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean (Barcelona Convention) and its Protocols concluded their 22<sup>nd</sup> meeting (COP 22, Antalya, Turkey, 7-10 December 2021) today with a package of action-oriented decisions to protect the Mediterranean marine and coastal environment and bolster sustainable development.

**Critically Endangered Right Whale Gives Birth Despite Being Caught in Fishing Gear.**

Olivia Rosane. *Ecowatch*. 13 December 2021. Available from:

<https://www.ecowatch.com/entangled-whales-gives-birth-2656020447.html>

The 17-year-old female, named Snow Cone, was spotted December 2 with her new calf off Cumberland Island, Georgia by an aerial survey team with the Florida Fish and Wildlife Commission, as the National Oceanic and Atmospheric Administration (NOAA) announced.

**The Arctic fails its annual health check as global warming brings more ills to the region.**

Rachel Ramirez. *CNN World*. 14 December 2021. Available from:

<https://edition.cnn.com/2021/12/14/world/noaa-climate-change-arctic-report/index.html> From extreme melt events to an influx of beaver colonies in Alaska, and rain falling at the summit of Greenland for the first time on record, the Arctic region showed clear symptoms of an ailing planet over the past year.

**Arctic Report Card: Climate change transforming Arctic into ‘dramatically different state’.**

*US National Oceanic and Atmospheric Administration (NOAA)*. 14 December 2021. Available from:

<https://www.noaa.gov/news-release/arctic-report-card-climate-change-transforming-arctic-into-dramatically-different-state> NOAA’s 2021 Arctic Report Card documents the numerous ways that climate change continues to fundamentally alter this once reliably-frozen region, as increasing heat and the loss of ice drive its transformation into a warmer, less frozen and more uncertain future. [Arctic Report Card: Update for 2021](#)

**The IMarEST says COP26 underestimated the importance of the ocean in climate crisis.**

*Institute of Marine Engineering, Science and Technology (IMarEST)*. 15 December 2021.

Available from: <https://www.imarest.org/policy-news/institute-news/6338-the-imarest-says-cop26-underestimated-the-importance-of-the-ocean-in-climate-crisis> A multi-disciplinary approach is needed in the bid to ensure a sustainable ocean, deliver a just energy transition and develop a thriving blue economy says the IMarEST following COP26.

**New report: Ocean’s Future to 2050.** *DNV*. 16 December 2021. Available from:

<https://www.dnv.com/news/new-report-ocean-s-future-to-2050-214088> The exponential growth of offshore wind power will be the main driver of a nine-fold increase in demand for ocean space by the middle of the century, according to DNV’s Ocean’s Future to 2050 report. [A new era of the Blue Economy is unfolding](#)

## ENVIRONMENTAL POLLUTION

**As 100 ships idle offshore, California communities see rise in toxic pollutants.** *NBC News (US)* 29 October 2021. Available from: <https://www.nbcnews.com/business/100-ships-idle-offshore-california-communities-see-rise-toxic-pollutan-rcna3984> "You can't look out on the water in any direction without seeing ships of different sizes from all over the world," said John Kindred, a long-time resident of Long Beach, California.

**Refrigerators, garbage bags of styrofoam collected after shipping containers wash ashore.** Roxanne Egan-Elliott. *Times Colonist (Canada)*. 30 October 2021. Available from: <https://www.timescolonist.com/local-news/refrigerators-garbage-bags-of-styrofoam-collected-after-shipping-containers-wash-ashore-4707438> Thirty-five garbage bags of debris and three helicopter bags of styrofoam were collected Friday from the beach at Cape Palmerston on northern Vancouver Island after 109 containers fell off a ship last week.

**Ships could clean up the ocean by turning marine plastic into fuel.** *New Scientist*. 1 November 2021. Available from: <https://www.newscientist.com/article/2295468-ships-could-clean-up-the-ocean-by-turning-marine-plastic-into-fuel/> Specially equipped ships could filter plastic from the ocean and convert it into a fuel that would provide power not only for the conversion, but also to drive the ship, creating a self-sustaining clean-up operation.

**Toxic fumes off cargo vessel in St Helena Bay pose no immediate threat to marine environment or people: SAMSA.** *South African Maritime Safety Authority (SAMSA)*. 10 November 2021. Available from: <https://blog.samsa.org.za/2021/11/10/toxic-fumes-off-cargo-vessel-in-st-helena-bay-pose-no-immediate-threat-to-marine-environment-or-people-samsa/> The South African Maritime Safety Authority (SAMSA) has given assurance that toxic fumes coming off a vessel offshore near St Helena Bay pose no immediate threat to neither the marine environment nor to humans.

**Covid congestion sees dramatic spike in shipping emissions at major gateways.** Sam Chambers. *Splash 247.com*. 16 November 2021. Available from: <https://splash247.com/covid-congestion-sees-dramatic-spike-in-shipping-emissions-at-major-gateways/> The extreme congestion that has built up at major ports during the pandemic has seen shipping emissions soar at key gateways, research from Singapore's Nanyang Technological University (NTU) shows.

**Croatian flagged vessel detained in Gqeberha after oil spill at sea during bunkering: SAMSA.** *South African Maritime Safety Authority (SAMSA)*. 18 November 2021. Available from: <https://blog.samsa.org.za/2021/11/18/croatian-vessel-detained-in-gqeberha-after-oil-spill-at-sea-during-bunkering-samsa/> According to SAMSA in a statement, the detention of the vessel and its investigation followed detection of the oil spillage at about lunchtime yesterday which prompted immediate containment and clean-up measures involving a number of other organisations and institutions in terms of the National Oil Spill Contingency Measures.

**European and North African countries face a Mediterranean plastic pollution disaster.** *Arab News (Saudi Arabia)*. 22 November 2021. Available from: <https://www.arabnews.com/node/1972486/middle-east> For millions of people around the world, the Mediterranean conjures images of the perfect holiday destination — pretty waterfront villages, great food, beautiful beaches and, above all, clear blue waters.

**Georgia proposes \$3 million fine for cargo ship pollution.** *Associated Press*. 24 November 2021. Available from: <https://apnews.com/article/business-environment-and-nature-environment-georgia-brunswick-de5a5131f8c92eb7ff00e4e7886f6fb7> State environmental regulators are proposing a \$3 million fine for the Hyundai Glovis Co. logistics and shipping firm after a cargo ship carrying vehicles capsized and polluted ocean waters off the Georgia coast.



**Environmental damage from X-Press Pearl disaster will last ‘generations’.** Adam Corbett. *TradeWinds*. 29 November 2021. Available from:

<https://www.tradewindsnews.com/casualties/environmental-damage-from-x-press-pearl-disaster-will-last-generations/2-1-1108268> Sri Lanka has told the International Maritime Organization that the plastic pollution resulting from a containership fire off its coastline will cause a legacy of pollution lasting for generations.

**A long road ahead to recovery from Huntington Beach oil spill.** Connor Sheets and Laura J. Nelson. *Phys.org*. 29 November 2021. Available from: <https://phys.org/news/2021-11-road-recovery-huntington-beach-oil.html> An oil sheen spotted off Huntington Beach last weekend served as a potent reminder of how long it will take Southern California to untangle the legal, regulatory and environmental fallout of an October pipeline spill that released an estimated 25,000 gallons of crude into the ocean.

**Nurdles: the worst toxic waste you’ve probably never heard of.** Karen McVeigh. *The Guardian*. 29 November 2021. Available from: <https://www.theguardian.com/environment/2021/nov/29/nurdles-plastic-pellets-environmental-ocean-spills-toxic-waste-not-classified-hazardous> When the X-Press Pearl container ship caught fire and sank in the Indian Ocean in May, Sri Lanka was terrified that the vessel’s 350 tonnes of heavy fuel oil would spill into the ocean, causing an environmental disaster for the country’s pristine coral reefs and fishing industry.

**Groundbreaking new research uncovers close ties between polluting cargo carriers, major U.S. retailers.** *Ship it Zero*. 29 November 2021. Available from: <https://shipitzero.org/groundbreaking-new-research-uncovers-close-ties-between-polluting-cargo-carriers-major-u-s-retailers/> Report exposes massive pollution impacts on U.S. ports, coastal communities from maritime shipping practices of Walmart, Target, Amazon, IKEA, showcasing need for retailers to lead shipping industry toward zero-emissions vessels.

**Shady Routes - How Big Retail and their Carriers Pollute along Key Ocean Shipping Corridors.** *Stand.earth*. November 2021. Available from: <https://shipitzero.org/wp-content/uploads/2021/11/FINAL-Ship-it-Zero-Campaign-Report.pdf> The current shipping crisis is shining an international spotlight on the relationship between retail companies and their cargo carriers.

**MOL Sets Up Mauritius Environmental Recovery Fund After Wakashio Spill.** *Ship & Bunker*. 1 December 2021. Available from: <https://shipandbunker.com/news/world/161809-mol-sets-up-mauritius-environmental-recovery-fund-after-wakashio-spill> Shipping company MOL has set up an environmental recovery fund for Mauritius after the spill of bunker fuel from its chartered bulker the *Wakashio* there last year.

**Supply chain chaos is causing the biggest increase in ship emissions in more than a decade.** Aurora Almendral. *Quartz*. 2 December 2021. Available from: <https://qz.com/2090157/supply-chain-chaos-is-causing-ship-emissions-to-jump/> America’s post-pandemic shopping spree isn’t just breaking the supply chain, it’s taking its toll on the environment.

**Plastics in soil threaten food security, health, and environment: FAO.** *UN News*. 7 December 2021. Available from: <https://news.un.org/en/story/2021/12/1107342> Plastic pollution has become pervasive in agricultural soils, according to a new report released on Tuesday by the UN agriculture agency, posing a threat to food security, people’s health, and the environment. [Assessment of agricultural plastics and their sustainability: a call for action](#)



**New project to identify and monitor marine invasive species on Pacific Is coasts.**

*Matangi Tonga Online*. 9 December 2021. Available from: <https://matangitonga.to/2021/12/08/new-project-identify-and-monitor-marine-invasive-species-pacific-coasts> A project which aims to identify and monitor marine invasive species and protect local marine environments in the Pacific Islands, was inaugurated on November 24, in collaboration with the University of the South Pacific in Fiji.

**Ships traveling the thawing Arctic are leaving garbage in their wake, scientists warn.**

*Reuters*. 14 December 2021. Available from: <https://news.trust.org/item/20211214174418-6daq/> Following another year of stark climate impacts in the Arctic, scientists warned Tuesday of a new scourge hitting the region: marine trash.

**MEP Anna Fotyga: Dumped munitions pose threat to human health and blue economy.**

Sean Goulding Carroll. *EurActiv*. 14 December 2021. Available from: <https://www.euractiv.com/section/energy-environment/news/mep-anna-fotyga-dumped-munitions-pose-threat-to-human-health-and-blue-economy/> Europe's destructive twentieth-century conflicts resulted in thousands of tonnes of conventional and chemical munitions dumped into European waters.

## HEALTH & SAFETY

**Indian COVID-19 vaccine receives WHO approval.** *UN News*. 3 November 2021. Available from: <https://news.un.org/en/story/2021/11/1104772> COVAXIN, made by Indian company Bharat Biotech, has received WHO emergency use listing (EUL), meaning it could soon be available to millions worldwide.

**COVID-19: Europe and Central Asia, epicentre of new rise.** *UN News*. 4 November 2021. Available from: <https://news.un.org/en/story/2021/11/1104912> About 22 months since the first cases of COVID-19 were reported, and almost a year since the first vaccines were approved, reported cases and deaths from the virus are increasing again.

**Mental Health webinar addresses how to be a leader at sea.** *Nautilus International*.

10 November 2021. Available from: <https://www.nautilusint.org/en/news-insight/news/mental-health-webinar-addresses-how-to-be-a-leader-at-sea/> The Mission to Seafarers has launched an On Board Mental Health Champion webinar created specifically for maritime officers.

**Employers urged to 'answer the difficult questions' in new Mental Health in Maritime survey.**

*Nautilus International*. 11 November 2021. Available from: <https://www.nautilusint.org/en/news-insight/news/employers-urged-to-answer-the-difficult-questions-in-new-mental-health-in-maritime-survey/> After a gruelling year during a pandemic that has had a profound impact on seafarers, new research is being undertaken by Maritime UK to find out how well maritime employers support good mental health.

**Columbia Shipmanagement Announces New Mental Health Initiative.** *Columbia Ship Management*.

11 November 2021. Available from: <https://www.columbia-shipmanagement.com/columbia-shipmanagement-announces-new-mental-health-initiative/> Columbia Shipmanagement (CSM) is proud to announce it is furthering its efforts to promote crew positive mental health and wellbeing with an exciting new initiative for crew welfare.

**More than 8,000 foreign sea crew vaccinated in Singapore, another 12k doses lined up.**

Clement Yong. *The Straits Times*. 16 November 2021. Available from: <https://www.straitstimes.com/singapore/transport/more-than-8000-foreign-sea-crew-vaccinated-in-singapore-another-12k-doses-lined> More than 8,000 foreign sea crew have already received at least one dose of the Covid-19 vaccine in Singapore, as part of the country's pledge to support the global vaccination of all seafarers.

**Vaccinations are key to solving supply chain issues, says UN report.** Declan Bush. *Lloyd's List*. 18 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138908/> Global vaccinations are the only way out of the supply chain chaos, according to the UN Conference on Trade and Development.

**Isolated seafarers jabbed at sea by makeshift clinics.** Jane Goldsmith. *NBN News (Australia)*. 22 November 2021. Available from: <https://www.nbnnews.com.au/2021/11/22/isolated-seafarers-jabbed-at-sea-by-makeshift-clinics/> There were 10 new covid cases in the Hunter today, and while most freedoms have returned for the double jabbed, hundreds of seafarers remain stuck on ships off our coast.

**Still 'not clear' whether Omicron COVID variant is more transmissible or more severe than Delta: WHO.** *UN News*. 28 November 2021. Available from: <https://news.un.org/en/story/2021/11/1106672> The World Health Organization published on Sunday an update on the science regarding the new coronavirus variant Omicron which is causing global concern and sparking increasing flight bans on Southern African countries.

**No cruise ship cheer for Cape Town tourism amid Omicron alarm.** Wendell Roelf. *Reuters*. 30 November 2021. Available from: <https://www.reuters.com/world/africa/no-cruise-ship-cheer-cape-town-tourism-amid-omicron-alarm-2021-11-30/> The docking of the *Europa* passenger liner in Cape Town on Tuesday was meant to be a ribbon-cutting celebration marking the official start of the cruise ship season in South Africa's top tourist hub, the first since the COVID-19 pandemic hit.

**Let's not forget: keeping HIV prevention in focus.** *ITF Seafarers*. 1 December 2021. Available from: <https://www.itfseafarers.org/en/news/lets-not-forget-keeping-hiv-prevention-focus> Today on World Aids Day the International Transport Workers' Federation (ITF) is urging stakeholders across the transport sector not to lose focus of HIV prevention during the Covid-19 pandemic and let slip the hard-won progress achieved thus far.

**Cruise ship with COVID-19 infections arrives in New Orleans.** *Associated Press*. 5 December 2021. Available from: <https://apnews.com/article/coronavirus-pandemic-health-travel-lifestyle-louisiana-6adab2955a08fa1c34ceafd7067cb538> A Norwegian Cruise Line ship with at least 10 passengers and crew members infected with COVID-19 docked Sunday in New Orleans, where health officials said they were trying to disembark people without worsening the spread of the coronavirus illness.

**Shore leave critical for physical and mental health of maritime crews.** *The Star (Malaysia)*. 6 December 2021. Available from: <https://www.thestar.com.my/lifestyle/living/2021/12/06/shore-leave-critical-for-physical-and-mental-health-of-maritime-crews> The Filipino crew clearly had something big to celebrate as they ordered pizza and red wine to be delivered to Welcome, a club for seafarers in the German port city of Bremerhaven.

**Three crew members hospitalised after Covid outbreak on Hapag-Lloyd ship.** Gary Dixon. *TradeWinds*. 6 December 2021. Available from: <https://www.tradewindsnews.com/containerships/three-crew-members-hospitalised-after-covid-outbreak-on-hapag-lloyd-ship/2-1-1115904> Three seafarers were taken to hospital with severe symptoms of Covid-19 after a Hapag-Lloyd vessel diverted to Mexico.

**Norwegian Cruise ship detects one probable case of Omicron variant.** *Reuters*. 6 December 2021. Available from: <https://www.reuters.com/business/healthcare-pharmaceuticals/norwegian-cruise-ship-detects-one-probable-case-omicron-variant-2021-12-06/> A probable case of the Omicron variant has been identified in a crew member of a Norwegian Cruise ship that reached New Orleans on Sunday after detecting COVID-19 among some crew and guests, the Louisiana Department of Health said.

**The importance of good food on board.** Simon Burhorst. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 7 December 2021. Available from:

<https://www.seafarerswelfare.org/news/2021/the-importance-of-good-food-on-board> This month, we welcome guest writer Simon Burhorst, CEO of the Maritime Electronic Supply Hub (MESH), who discusses here the significance of food on board a vessel and its link to crew wellbeing.

**Supporting crew welfare in the wake of Covid-19.** Rebecca Gibson. *Cruise & Ferry*.

9 December 2021. Available from: <https://www.cruiseandferry.net/articles/supporting-crew-welfare-in-the-wake-of-covid-19-1> The cruise and ferry industry has been one of the hardest-hit sectors by the Covid-19 crisis in the maritime industry, with approximately 70 per cent of employees being forced to remain ashore for months.

**Belgium begins booster vaccine campaign for seafarers.** *Royal Belgian Shipowners' Association*.

9 December 2021. Available from: <https://kbrv.be/belgium-begins-booster-vaccine-campaign-for-seafarers/> Following the inoculation of foreign and Belgian seafarers since June, Belgium is once again spearheading a booster vaccine campaign for these maritime workers starting 7 December.

**What does the new HIV treatment mean for seafarers?** *Nautilus International*. 9 December 2021.

Available from: <https://www.nautilusint.org/en/news-insight/telegraph/what-does-the-new-hiv-treatment-mean-for-seafarers/> On 18 November 2021, the UK National Institute for Health and Care Excellence (NICE) published draft guidance recommending a long-acting injectable treatment for HIV-1 infection in adults.

**Vaccination efforts step up across the globe.** Sam Chambers. *Splash 247.com*.

10 December 2021. Available from: <https://splash247.com/vaccination-efforts-step-up-across-the-globe/> The Ministry of Health (MINSa) with the Panama Maritime Authority (AMP) have begun the process of vaccinating against Covid-19 all seafarers arriving at Panamanian ports, regardless of nationality, aboard Panama-flagged ships, or other registries.

## IMO

**Shipping faces storm over fuel emissions.** Harry Dempsey. *Financial Times*.

1 November 2021. Available from: <https://www.ft.com/content/8bb3edb0-823e-465e-a167-6a2dfbf8c068> The International Maritime Organisation is under fire for slow progress on climate targets.

**COP26: IMO expects climate event to expedite maritime decarbonisation.** Nick Savvides.

*The Loadstar*. 1 November 2021. Available from: <https://theloadstar.com/cop26-imo-expects-climate-event-to-expedite-maritime-decarbonisation/> IMO secretary general Kitack Lim believes a successful COP26 in Glasgow this week will help drive the maritime decarbonisation process.

**Shipping carbon levy support grows as 50 states back IMO action.** Richard Meade. *Lloyd's List*.

1 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138698/> A group comprising over 50 nations particularly vulnerable to the effects of global warming have called upon the IMO to establish a greenhouse gas levy on international shipping.

**Denmark, U.S. and 12 other nations back tougher climate goal for shipping.** Kate Abnett,

Jonathan Saul and Ilze Filks. *Reuters*. 2 November 2021. Available from: <https://www.reuters.com/business/sustainable-business/denmark-us-12-other-nations-back-tougher-climate-goal-shipping-2021-11-01/> Denmark, the United States and 12 other countries on Monday backed a goal to reduce emissions by the global maritime sector to zero by 2050, a target to be fleshed out in negotiations at the United Nations shipping agency.

**COP26: LNG in the firing line as nations unite behind zero-carbon maritime targets.**

Alex Lennane. *The Loadstar*. 2 November 2021. Available from: <https://theloadstar.com/cop26-lng-in-the-firing-line-as-nations-unite-behind-zero-carbon-maritime-targets/> The UK, along with the Marshall Islands, the US and Denmark will push for rapid decarbonisation of the maritime industry, having agreed to drive the IMO to set a zero-carbon target by 2050.

**IMO pushed to get R&D structure in place before carbon levy.** Paul Berrill. *TradeWinds*.

3 November 2021. Available from: <https://www.tradewindsnews.com/regulation/imo-pushed-to-get-r-d-structure-in-place-before-carbon-levy/2-1-1093228> The IMO is being urged to prioritise setting up a funded research and development system over introducing a carbon levy at its next meeting following the COP26 climate talks.

**Bunker Industry at the Forefront of Shipping Transformation, Says IMO's Lim.** *Ship & Bunker*.

4 November 2021. Available from: <https://shipandbunker.com/news/world/604089-bunker-industry-at-the-forefront-of-shipping-transformation-says-imos-lim> IBIA today wrapped up its two-day annual convention, delivering it online for a second year while COVID-19 restrictions make travel difficult for some of its members.

**IMO's incompetence has created a void that others are now starting to fill.** Thomas Kristiansen.

*ShippingWatch*. 5 November 2021. Available from: <https://shippingwatch.com/regulation/article13437972.ece> Not much has happened between the heavily criticized meeting of the IMO's environmental committee MEPC in June and now when MEPC is once again set to discuss decarbonization.

**Kitack Lim says the IMO will hear the calls for urgent action at COP26.** Paul Berrill. *TradeWinds*.

6 November 2021. Available from: <https://www.tradewindsnews.com/regulation/kitack-lim-says-the-imo-will-hear-the-calls-for-urgent-action-at-cop26/2-1-1094880> Secretary general says UN body needs to act now and leave no one behind as he wraps up ICS conference on the fringes of climate negotiations.

**Proposal at IMO to call for voluntary clean fuel switch for Arctic shipping.** Lucy Hine.

*TradeWinds*. 9 November 2021. Available from: <https://www.tradewindsnews.com/regulation/proposal-at-imo-to-call-for-voluntary-clean-fuel-switch-for-arctic-shipping/2-1-1095493> Arctic Ocean will be 'practically ice-free' by end of this century and it is now 'too late' to save summer sea ice.

**ICS and IMO meet with Green Climate Fund to discuss the provision of up to \$1.5 million to accelerate zero carbon R&D fund.** *International Chamber of Shipping (ICS)*. 10 November 2021.

Available from: <https://bit.ly/3oOdMb6> Meeting in the margins of the Shaping the Future of Shipping conference in Glasgow, the Deputy Executive Director of the Green Climate Fund, the Secretary General of IMO and the Secretary General of ICS met to discuss funding options for the proposed 'IMO Maritime Research Fund' (IMRF).

**Int'l Inuit org receives provisional consultative status on the International Maritime**

**Organization.** Eilís Quinn. *Radio Canada International (RCI)*. 11 November 2021. Available from: <https://www.rcinet.ca/eye-on-the-arctic/2021/11/11/intl-inuit-org-receives-provisional-consultative-status-on-the-international-maritime-organization/> The Inuit Circumpolar Council (ICC) has received provisional consultative status at the International Maritime Organization, something ICC says sends an important message about the importance of Indigenous voices on the global stage.



### **COP26: Will summit's ambitions for shipping translate to progress at IMO?**

Johanna Christensen and Katharine Palmer. *Lloyd's List*. 12 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138819/COP26-Will-summits-ambitions-for-shipping-translate-to-progress-at-IMO> After having spent a large part of the past two weeks at COP26 in Glasgow attending an impressive number of maritime related events, walking many miles, and getting too little sleep, the question remains: Will all the sound and fury in Glasgow come to anything for shipping decarbonisation?

**Industry needs GHG clarity from the IMO.** Lorenzo Casarosa. *Marine Professional (IMarEST)*. 12 November 2021. Available from:

<https://www.imarest.org/themarineprofessional/interactions/6304-industry-needs-ghg-clarity-from-the-imo> The IMarEST is supporting the call for the IMO's Marine Environment Protection Committee to adopt a clearer target of zero GHG by 2050 – without delays.

**From COP to MEPC: November's green shipping pathway.** Sam Chambers. *Splash247*.

15 November 2021. Available from: <https://splash247.com/from-cop-to-mepc-novembers-green-shipping-pathway/> Negotiators worked overtime to come up with the final text for COP26 over the weekend. For shipping, there's little time – one week from today – to digest the key takeaways from the United Nations' major climate summit before the MEPC meets at UN agency, the International Maritime Organization in London.

**UN targets get ever more challenging for shipping.** *Ekathimerini (Greece)*. 16 November 2021.

Available from: <https://www.ekathimerini.com/economy/1171943/un-targets-get-ever-more-challenging-for-shipping/> The shipping community has to shoulder the blame for the situation it now finds itself in as it faces the challenges of climate change, because, according to three prominent Greek shipowners, the shipowning community is so fragmented its voice is no longer being heard either inside the International Maritime Organization or outside it.

**Cop 26 momentum could move GHG discussions at IMO.** Caroline Varin. *Argus Media*.

16 November 2021. Available from: <https://www.argusmedia.com/en/news/2274330-cop-26-momentum-could-move-ghg-discussions-at-imo> IMO secretary general Kitack Lim, at an event on the sidelines of Cop 26, reiterated that decisions taken at IMO level are legally binding and enforced by the organisation's member states across the globe, and "not just pledges or aspirations".

**'Just do it': MSC executive calls for IMO to act on R&D fund after COP26.** Paul Berrill.

*TradeWinds*. 17 November 2021. Available from: <https://www.tradewindsnews.com/technology/just-do-it-msc-executive-calls-for-imo-to-act-on-r-d-fund-after-cop26/2-1-1100094> The outcome of the COP26 talks was disappointing, but shipping made progress with micro developments on the sidelines that can be developed in the next few weeks, an MSC Group executive says.

**Pre-MEPC 77 Briefing: Arctic Warming – How Will IMO & Shipping Industry Respond to COP26 Outcome.** *Clean Artic Alliance*. 18 November 2021. Available from:

<https://www.youtube.com/watch?v=QrsPDhp7BYg> What are the implications for the IMO from COP26's outcomes? What are the priorities for IMO member states regarding shipping's impact on the Arctic and the world's climate?

**Positive COP26 shipping outcomes, can the IMO step up next week?** Paul Bartlett.

*Seatrade Maritime News*. 18 November 2021. Available from: <https://www.seatrade-maritime.com/environmental/positive-cop26-shipping-outcomes-can-imo-step-next-week> Although there were inevitable disappointments over the Glasgow Climate Pact following two weeks of intensive negotiations at COP26, global shipping came out of the meeting in a positive light.

**GLOBAL: Environmental groups: COP26 commitments mean IMO must halve shipping emissions by 2030.** Rhis Berry. *Bunkerspot*. 18 November 2021. Available from: <https://www.bunkerspot.com/global/54818-global-environmental-groups-cop26-commitments-mean-imo-must-halve-shipping-emissions-by-2030> Environmental groups are calling on IMO member states to 'urgently align' the agency's work on reducing climate impacts from shipping with commitments that came out of the COP26 climate conference.

**IMO MEPC must back \$5bn R&D fund industry proposal next week.** Marcus Hand. *Seatrade Maritime News*. 19 November 2021. Available from: <https://www.seatrade-maritime.com/opinions-analysis/imo-mepc-must-back-5bn-rd-fund-industry-proposal-next-week> Usually, it is the regulator pushing an industry to comply with new rules, fees, or similar, but in this case, it is the shipping industry that is pushing the IMO to implement a bunker levy to fund research and development into zero carbon fuels.

**MEPC77: All eyes on zero-emissions target as IMO resumes, but little hope of an emissions breakthrough.** Declan Bush. *Lloyd's List*. 19 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138920/> Proposals for a zero-emissions-by 2050 target, an industry-backed green research fund and talks on tougher emissions regulations resume from Monday at the IMO.

**Global Shipping Is Under Pressure to Ease Pollution After COP26.** Jack Wittels. *Bloomberg*. 19 November 2021. Available from: <https://www.bnnbloomberg.ca/global-shipping-is-under-pressure-to-ease-pollution-after-cop26-1.1684484> Global talks on how to clean up shipping are set to begin Monday as momentum builds to cut pollution from the sector.

**IMO poised to raise stakes in the race to decarbonise.** Adam Corbett. *TradeWinds*. 19 November 2021. Available from: <https://www.tradewindsnews.com/regulation/imo-poised-to-raise-stakes-in-the-race-to-decarbonise/2-1-1099691> Urgent negotiations to upgrade the International Maritime Organization's decarbonisation goals will begin next week with major governments backing zero emissions by 2050.

**IMO deliberations open with debate over net-zero resolution.** Eric Priante Martin. *TradeWinds*. 22 November 2021. Available from: <https://www.tradewindsnews.com/esg/imo-deliberations-open-with-debate-over-net-zero-resolution/2-1-1102462> The IMO opened a week of meetings on decarbonisation with a debate over how quickly it should set its course toward a zero-carbon goal for 2050.

**EU states block zero-emissions resolution at IMO.** Declan Bush. *Lloyd's List*. 22 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138950> Members of the European Union joined developing countries in rejecting an International Maritime Organization resolution on the importance of reaching zero emissions from shipping by 2050.

**IMO's Lim calls for shipping to 'lead by example' on climate.** Declan Bush. *Lloyd's List*. 22 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138945> Mr Lim opened the Marine Environment Protection Committee meeting with a plea for states to up their ambition on cutting emissions from shipping.

**MSC in strong appeal to the IMO: Please, please, please ... Do your job.** Tomas Kristiansen. *ShippingWatch*. 22 November 2021. Available from: <https://shippingwatch.com/regulation/article13489488.ece> When looking at the statements coming from major shipping players over the past few months – and even more so since COP26 – there is paradoxically an incipient sense of optimism growing in various corners of the industry.



**IMO Kicks Off MEPC 77 Meeting to Consider Shipping's Path Towards Decarbonization.**

Barry Parker. *gCaptain*. 22 November 2021. Available from: <https://gcaptain.com/imo-kicks-off-mepc-77-meeting-to-consider-shippings-path-towards-decarbonization/> The long-anticipated IMO MEPC 77 meeting (more officially the IMO's Maritime Environmental Protection Committee 77<sup>th</sup> meeting) kicked off on Monday, November 22<sup>nd</sup>.

**Governments decide on International Chamber of Shipping USD5 billion R&D fund to accelerate zero-carbon shipping in first 'litmus test' of COP 26 commitments.**

*International Chamber of Shipping (ICS)*. 22 November 2021. Available from: <https://bit.ly/3LtkU6y> One week after Glasgow, 174 governments will meet this week at the IMO in London to address the pressing carbon emission reduction challenges facing international shipping, in what industry is calling the 'first litmus test' of government's decarbonisation commitments following COP26.

**Riding COP26 momentum, MEPC offers shipping a chance to make history.**

Nick Savvides. *The Loadstar*. 22 November 2021. Available from: <https://theloadstar.com/riding-cop26-momentum-mepc-offers-shipping-a-chance-to-make-history/> Following the recent COP26 climate change conference in Glasgow, the maritime sector this week has an early opportunity to show its level of ambition has changed during the Marine Environment Protection Committee (MEPC) meeting.

**Europe foils zero emissions resolution at MEPC.**

Sam Chambers. *Splash 247.com*. 23 November 2021. Available from: <https://splash247.com/europe-foils-zero-emissions-resolution-at-mepc/> "The world is watching us," Kitack Lim told delegates attending the opening day of the Marine Environment Protection Committee (MEPC) virtual meeting convened by the IMO, one of the first big global green conferences to be held after COP26, the international climate summit, which took place in Glasgow earlier this month.

**IMO committee appears to reject zero-carbon resolution but favours strategy review.**

Eric Priante Martin. *TradeWinds*. 23 November 2021. Available from: <https://www.tradewindsnews.com/regulation/imo-committee-appears-to-reject-zero-carbon-resolution-but-favours-strategy-review/2-1-1103963> IMO's key environment committee appeared to reject a proposed resolution committing the UN body to cut shipping's greenhouse gas emissions to zero by 2050.

**Protesters Add to Fractious Mood at IMO's MEPC Meeting.**

*Maritime Executive*. 23 November 2021. Available from: <https://www.maritime-executive.com/article/protestors-add-to-fractious-mood-at-imo-s-mepc-meeting> IMO convened its Maritime Environment Protection Committee (MEPC77) which is seen by many as a pivotal event following the global climate conference in Scotland just weeks ago.

**Little time to talk carbon taxes as IMO states wrestle with 2050 resolution.**

Declan Bush. *Lloyd's List*. 23 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138970/> Familiar divides about regulating global shipping emissions consumed most of the negotiating time at the IMO.

**Canada considers tougher GHG rules for shipping in proposal at international meeting.**

Bob Weber. *The Star (Canada)*. 23 November 2021. Available from: <https://www.thestar.com/politics/2021/11/23/canada-considers-tougher-ghg-rules-for-shipping-in-proposal-at-international-meeting.html> Canada is considering an international proposal that would double the ambition of its greenhouse gas emissions targets from shipping — a plan observers say the country seems ready to support.

**UN shipping summit criticised for ‘dangerous’ delay on emissions plan.** Karen McVeigh.

*The Guardian*. 24 November 2021. Available from:

<https://www.theguardian.com/environment/2021/nov/24/un-shipping-summit-criticised-dangerous-delay-emissions-plan> A decision by the International Maritime Organization (IMO) and its member states not to revise its emissions reduction strategy until the spring of 2023 has been criticised as “dangerous” by environmental campaigners.

**UN shipping body considers zero emissions goal, defers decision to 2023.** Isabelle Gerretsen.

*Climate Home News*. 24 November 2021. Available from:

<https://www.climatechangenews.com/2021/11/24/un-shipping-body-considers-zero-emissions-goal-defers-decision-2023/> Countries are open to strengthening a global climate goal for shipping, but not before a planned review of the strategy in 2023.

**IMO delays decision on \$5bn decarbonisation R&D fund.** Adam Corbett. *TradeWinds*.

24 November 2021. Available from: <https://www.tradewindsnews.com/regulation/imo-delays-decision-on-5bn-decarbonisation-r-and-d-fund/2-1-1105024> The International Maritime Organization has sent a proposal for an annual \$5bn technology research and development (R&D) fund to decarbonise shipping for further review.

**Trafigura calls it “entirely irresponsible” if IMO does not proceed with CO2 tax.**

Thomas Kristiansen. *ShippingWatch*. 24 November 2021. Available from:

<https://shippingwatch.com/regulation/article13496550.ece> A lot has happened over the past year and a half in terms of the number of green initiatives meant to decarbonize global shipping, as indicated by Trafigura’s Head of Fuel Decarbonization Rasmus Bach Nielsen.

**Green R&D fund gets IMO lifeline.** Declan Bush. *Lloyd’s List*. 24 November 2021. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1138989/> Shipping’s proposal for a \$5bn green research and development fund drew support from several countries at the International Maritime Organization despite questions over its effectiveness, governance, and fairness to developing countries.

**Shipping Push for World-First CO2 Charge Stalls at IMO Talks.** Jack Wittels. *Bloomberg*.

25 November 2021. Available from: <https://www.bloombergquint.com/markets/world-s-first-global-co2-based-charge-stalled-at-ship-talks> Shipping’s global regulator signalled that a tiny CO2-based charge on vessels’ fuel consumption will not be approved at a meeting this week, underscoring the challenge facing the industry in its bid to decarbonize.

**Net Zero Shipping Emissions by 2050 Target Rejected by IMO Member States.** *Ship & Bunker*.

25 November 2021. Available from: <https://shipandbunker.com/news/world/819452-net-zero-shipping-emissions-by-2050-target-rejected-by-imo-member-states> A proposal for the shipping industry to adopt a target of net zero emissions by 2050 looks to have been rejected by Member States at this week’s 77<sup>th</sup> meeting of the IMO Marine Environment Protection Committee.

**IMO mulls voluntary switch to cleaner fuels in the Arctic.** Declan Bush. *Lloyd’s List*.

25 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139005/> The IMO came close to approving a non-binding measure against Arctic black carbon emissions but fell short of approving it after objections from Russia, China and others.

**Little progress on decarbonisation as another IMO meeting ends.** Declan Bush. *Lloyd’s List*.

26 November 2021. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1139116/Little-progress-on-decarbonisation-as-another-IMO-meeting-ends> Environment and shipping groups were left disappointed as International Maritime Organization environment talks ended with little progress on agreeing emissions curbs.

**2023 is the next target in IMO's fight for shipping to reach net zero.** Tomas Kristiansen.

*Shipping Watch*. 26 November 2021. Available from:

<https://shippingwatch.com/regulation/article13504962.ece> No decisions were made, and there will probably be none next summer, either. All eyes are now on the year 2023.

**'Missed opportunity' to decarbonise shipping at MEPC 77, says ICS.** *International Chamber of Shipping (ICS)*. 26 November 2021. Available from: <https://www.ics-shipping.org/press-release/missed-opportunity-to-decarbonise-shipping-at-mepc-77/> "We are disappointed that the words and commitments made by governments at COP26 have not yet been translated into action...."

**The 'usual speed of IMO co-operation' is not fast enough.** *Lloyd's List*. 26 November 2021.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139114> When IMO secretary-general Kitack Lim opened this week's Marine Environment Protection Committee meeting by saying it would happen "at the usual speed of IMO co-operation", he wasn't exactly setting a high bar.

**The Lloyd's List Podcast: Yet another missed opportunity to decarbonise shipping.**

*Lloyd's List*. 26 November 2021. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1139115/> 🎧 The pre-COP26 optimism that climate politics may finally be starting to move at pace has ended in a depressingly predictable cop-out inside the IMO this week.

**NGOs Welcome IMO Agreement to Cut Black Carbon Impacts on Arctic.** *Clean Arctic Alliance*.

26 November 2021. Available from: <https://cleanarctic.org/2021/11/26/ngos-welcome-imo-agreement-to-cut-black-carbon-impacts-on-arctic/> The Clean Arctic Alliance today welcomed the adoption of an IMO resolution to cut the climate impacts of black carbon emissions by shipping on the Arctic, but expressed disappointment in the watering down of its substance in order to reach consensus and placate a small but vocal group of opposing countries.

**UN shipping talks fail to speed up faster carbon exit.** Jonathan Saul. *Reuters*.

26 November 2021. Available from: <https://www.reuters.com/markets/commodities/un-shipping-talks-fail-speed-up-faster-carbon-exit-2021-11-26/> Further shipping talks are scheduled for next year after delegates at a U.N. agency meeting that sought to speed up decarbonisation of the sector failed to make progress, officials said on Friday.

**Bulletin: IMO environment meeting.** *UK Chamber of Shipping*. 26 November 2021. Available from:

<https://ukchamberofshipping.com/latest/bulletin-imo-environment-meeting/> The 174 member states of the International Maritime Organisation met in London this week to discuss the shipping sector's response to the climate emergency.

**Governments accused of 'kicking the can down road' at IMO decarbonisation meeting.**

Adam Corbett. *TradeWinds*. 26 November 2021. Available from:

<https://www.tradewindsnews.com/esg/governments-accused-of-kicking-the-can-down-road-at-imo-decarbonisation-meeting/2-1-1107360> The International Chamber of Shipping has hit out at governments for failing to agree on key climate-change initiatives at a crunch environment meeting this month.

**IMO MEPC77: Not Entering The Harbor Just Yet.** Barry Parker. *gCaptain*. 27 November 2021.

Available from: <https://gcaptain.com/imo-mepc77-not-entering-the-harbor-just-yet/> IMO's MEPC77 meetings have ended; though the dialogue had its moments, there were no dramatic pronouncements coming out of this week's meetings.

**‘COptimists, meet the MEP-wait-and-C’.** Sam Chambers. *Splash 247.com*. 29 November 2021. Available from: <https://splash247.com/coptimists-meet-the-mep-wait-and-c/> In the space of a month the limitations of the United Nations (UN) to lead climate policy changes have been put in sharp relief.

**Shipping disappointed as IMO kicks the can down the road on climate change.** Marcus Hand. *Seatrade Maritime News*. 29 November 2021. Available from: <https://www.seatrade-maritime.com/regulation/shipping-disappointed-imo-kicks-can-down-road-climate-change> Shipping organisations expressed disappointment as sounds of the can being kicked further down the road decarbonising the industry still echoed following the International Maritime Organization’s (IMO) MEPC meeting last week.

**Maersk on climate session: “Sadly, the meeting has been quite disappointing”.** *ShippingWatch*. 29 November 2021. Available from: <https://shippingwatch.com/regulation/article13508065.ece> Maersk is far from satisfied with the proceedings of this week’s meeting in the climate branch of the UN International Maritime Organization (IMO).

**Oil-Guzzling Shipping Still Falls Short on Decarbonization After Climate Talks.** Jack Wittels. *Bloomberg*. 29 November 2021. Available from: <https://www.bnnbloomberg.ca/oil-guzzling-shipping-still-falls-short-on-decarbonization-after-climate-talks-1.1688352> The organization that regulates shipping made little fresh progress toward decarbonizing the industry during a series of meetings last week.

**IMO faces calls for emissions workload efficiencies.** Declan Bush. *Lloyd’s List*. 29 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139132> The IMO is being urged to change the way it works on the problem of greenhouse gas emissions amid concerns about its sluggish progress and mounting workload.

**Marine plastic pollution delays amplify IMO time-management dilemma.** Michelle Wiese Bockmann. *Lloyd’s List*. 29 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139125/Marine-plastic-pollution-delays-amplify-IMO-time-management-dilemma> Fresh criticism has emerged about the IMO’s time management after Sri Lanka’s delegation was assigned just two minutes to speak about the devastating environmental impact of marine plastic pollution on its coastline and fishing industry after the X-Press Pearl casualty earlier this year.

**Euronav Suggests Shipping Industry Could Leave IMO Behind on Decarbonisation.** *Ship & Bunker*. 29 November 2021. Available from: <https://shipandbunker.com/news/world/741885-euronav-suggests-shipping-industry-could-leave-imo-behind-on-decarbonisation> IMO could be left behind by the shipping industry’s own progress on eliminating its carbon emissions, according to tanker firm Euronav.

**Transition Perspective: Outcomes and Implications of MEPC 77.** *Global Maritime Forum*. 30 November 2021. Available from: <https://www.globalmaritimeforum.org/news/transition-perspective-outcomes-and-implications-of-mepc-77/> Recent developments at COP26 have highlighted the importance of national, plurilateral and industry action to shipping’s decarbonisation.

**Carbon ‘can kicking’ gave IMO bad rap but progress was made.** Eric Priante Martin. *TradeWinds*. 30 November 2021. Available from: <https://www.tradewindsnews.com/opinion/carbon-can-kicking-gave-imo-bad-rap-but-progress-was-made/2-1-1101636> The IMO’s key environment committee rejected a proposal by three climate-vulnerable island nations for a resolution stating unequivocally that the United Nations body should target zero-carbon emissions from shipping by 2050.

**Nations move towards zero-carbon goal at IMO and away from 'net zero'.** Eric Priante Martin. *TradeWinds*. 30 November 2021. Available from: <https://www.tradewindsnews.com/esg/nations-move-towards-zero-carbon-goal-at-imo-and-away-from-net-zero/2-1-1108617> The meeting of the IMO's key environment committee has set up the shipping regulator to debate what could be the adoption of a zero-carbon target by 2050 at a planned strategy review.

**IMO's 'small first step': will giant leaps follow quickly enough?** Jamey Bergman. *Marine Propulsion & Auxiliary Machinery*. 30 November 2021. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/small-first-step-no-giant-leap-on-arctic-black-carbon-imo-measure-68688> Following the announcement of the Glasgow Climate Pact during the UN Conference of Parties (COP26), many hoped IMO would find agreement on some of the more ambitious greenhouse gas (GHG)-reduction proposals tabled by its member states, observers and consultant members.

**European climate chief supports call for action to IMO.** Peter Thomsen. *ShippingWatch*. 6 December 2021. Available from: <https://shippingwatch.com/regulation/article13529290.ece> European Commission top profile Frans Timmermans joins the shipping industry in urging the International Maritime Organization to pursue fast climate action.

**COP26 Momentum Dwindles As Countries Meet at the International Maritime Organization.** Susan Ruffo and Kristyn Ostanek. *United Nations Foundation*. 9 December 2021. Available from: <https://unfoundation.org/blog/post/cop26-momentum-dwindles-as-countries-meet-at-the-international-maritime-organization/> Parties agreed to the Glasgow Climate Pact after two weeks of intense negotiations during COP26.

**IMO nations look to zero, but what do they mean by zero?** Eric Priante Martin. *TradeWinds*. 9 December 2021. Available from: <https://www.tradewindsnews.com/esg/imo-nations-look-to-zero-but-what-do-they-mean-by-zero-/2-1-1110523> Recent debate at the International Maritime Organization saw a plurality of member nations focus on moving towards zero carbon, rather than the term net zero that would allow offsets.

**Four nations in, four nations out in IMO Council elections.** Eric Priante Martin. *TradeWinds*. 10 December 2021. Available from: <https://www.tradewindsnews.com/regulation/four-nations-in-four-nations-out-in-imo-council-elections/2-1-1120875> The votes are in, and four states are out of a seat on the International Maritime Organization's 40-nation council.

**MEPC 77 – the outcomes and implications for shipping.** DNV. 13 December 2021. Available from: <https://soundcloud.com/user-46531724-517547516> In the final episode of this series of DNV's Maritime Impact podcast, host Eirik Nyhus focuses on MEPC 77.




## LAW & POLICY

### **Tax air travel and sea shipping to help climate-vulnerable nations, UN expert tells COP-26 leaders.** *Office of the United Nations High Commissioner for Human Rights (OHCHR).*

29 October 2021. Available from:

<https://www.ohchr.org/EN/NewsEvents/Pages/DisplayNews.aspx?NewsID=27737&LangID=E>

New taxes on air travel and maritime shipping could raise the billions of dollars needed to help the countries suffering most from climate change, a UN expert said today in a message directed at world leaders gathering in Glasgow, UK, for the UN Climate Change Conference (COP26) that starts Sunday. [Policy Brief](#) [Executive Summary](#) 

### **Issues to watch at COP26: The global view.** *IHS Markit.* 29 October 2021. Available from:

<https://ihsmarkit.com/research-analysis/issues-to-watch-at-cop26-the-global-view.html> With COP26 a few days away, Net-Zero Business Daily reached out to leading companies, analysts, environmentalists, and trade groups for their perspective on the upcoming meeting in Glasgow, Scotland, asking: What needs to be accomplished? Will those goals be met?


### **Replacing lost EU trade could almost double UK shipping emissions.** *UK Trade & Business Commission.* 29 October 2021. Available from:

<https://www.tradeandbusiness.uk/news/replacing-lost-eu-trade-could-almost-double-uk-shipping-emissions> New analysis shows that replacing the EU trade lost since 2018 with trade from other countries could increase annual emissions from shipping to and from the UK by 88%.

### **Antigua, Tuvalu to seek justice over climate change damage.** *The Gleaner (Jamaica).*

31 October 2021. Available from: <https://jamaica-gleaner.com/article/world-news/20211031/antigua-tuvalu-seek-justice-over-climate-change-damage> The Prime Minister of Antigua and Barbuda and the Prime Minister of Tuvalu today signed a historic accord allowing for litigation before international courts.

### **The aviation and maritime sectors and the EU ETS: challenges and impacts. Final study.**

*CE Delft.* October 2021. Available from: <https://cedelft.eu/publications/the-aviation-and-maritime-sectors-and-the-eu-ets-challenges-and-impacts-final-study/> Based on the EU Commission's Fit for 55 proposals published in July 2021, this Final Study, commissioned by the European Parliament, discusses the challenges and impacts resulting from the integration of the maritime sector into the EU ETS, and the more stringent EU ETS for aviation. [Study](#) 

### **COP26 opens in Glasgow with calls for ambitious solutions to tackle climate emergency.**

*UN News.* 1 November 2021. Available from: <https://news.un.org/en/story/2021/11/1104522>

The eyes of the world are on Glasgow, Scotland, as the United Nations climate summit known as COP26 opens with UN diplomats and politicians alike calling for more action – and ambition – to set out new commitments for curbing greenhouse emissions and adapting to the impacts of a warming planet.

### **COP26: Stop the Melt! World Leaders Must Stick to Paris Agreement to Halt Arctic Sea Ice Loss.**

*Seas at Risk.* 1 November 2021. Available from: <https://seas-at-risk.org/press-releases/cop26-stop-the-melt-world-leaders-must-stick-to-paris-agreement-to-halt-arctic-sea-ice-loss/>

As world leaders gather for the COP26 UN climate summit in Glasgow, the Clean Arctic Alliance is calling for them to take action to preserve the crucial climate regulation ability of Arctic sea ice, by fulfilling the Paris Climate Agreement's commitment to limit global heating to less than 1.5C.

### **Impounded Chinese vessel released in Tahiti.** *Radio New Zealand.* 1 November 2021. Available from:

<https://www.rnz.co.nz/international/pacific-news/454660/impounded-chinese-vessel-released-in-tahiti> The authorities in French Polynesia have released an impounded Chinese fishing vessel after its owner paid a US\$1.5 million dollar bond.



**FG Reiterates Commitment to Strategic Maritime Capacity Development Programme.**

*This Day (Nigeria).* 1 November 2021. Available from:

<https://www.thisdaylive.com/index.php/2021/11/01/fg-reiterates-commitment-to-strategic-maritime-capacity-development-programme/>

The federal government through the Nigerian Maritime Administration and Safety Agency (NIMASA) has renewed its commitment to the nation's maritime capacity development programme to bridge the skill gaps in the sector.

**China's maritime law in the South China Sea.** *Dryad Global.* 1 November 2021. Available from:

<https://channel16.dryadglobal.com/chinas-maritime-law-in-the-south-china-sea> The recent change in the Chinese Maritime Traffic Safety Law (MTSL) is another step in its new "grey area" strategy, which raises serious concerns from neighbouring countries in the region.

**PH, Indonesia set stage for delimitation of continental shelf boundary.** *Manila Bulletin.*

2 November 2021. Available from: <https://mb.com.ph/2021/11/02/ph-indonesia-set-stage-for-delimitation-of-continental-shelf-boundary/> Officials from the Philippines and Indonesia recently met to gear up for the delimitation of continental shelf boundary between the two countries.

**Empty promises not enough, Fiji PM tells COP26.** Pita Ligaiula. *Pacific Islands News*

*Association (PINA).* 2 November 2021. Available from: <https://pina.com.fj/2021/11/02/empty-promises-not-enough-fiji-pm-tells-cop26/> Fiji's Prime Minister Frank Bainimarama took to the podium at the COP26 opening in Glasgow with another brusque and no-nonsense attack against leaders who make pledges without plans, or those he said pursue a policy of appeasement.

**Dhaka-Glasgow Declaration of the CVF.** *Climate Vulnerable Forum (CVF).* 2 November 2021.

Available from: <https://thecvf.org/our-voice/statements/dhaka-glasgow-declaration-of-the-cvf/> We, Heads of State and Government, and high representatives, of the Climate Vulnerable Forum (CVF) from Africa, Asia, the Caribbean, Latin America, the Middle East, and the Pacific, and forming a significant number, and a representative group, of those countries most vulnerable to the adverse impacts of climate change, meeting in-person and virtually, as convened from Dhaka, and in Glasgow during the World Leaders Summit of UNFCCC COP26, in October and November 2021,...

**Climate vulnerable nations back shipping emissions levy.** *Argus Media.* 3 November 2021.

Available from: <https://www.argusmedia.com/en/news/2270166-climate-vulnerable-nations-back-shipping-emissions-levy> The Climate Vulnerable Forum (CVF) — an international partnership of over 50 countries in Africa, Asia-Pacific and elsewhere — is also advocating for "ambitious targets in domestic maritime emissions" and for next-generation vessels and marine fuels "to be equitable" for all states.

**U.S. regulator expects to find abuses in shipping amid supply chain woes.** Diane Bartz and

David Shepardson. *Reuters.* 3 November 2021. Available from:

<https://www.reuters.com/business/cop/us-regulator-expects-find-abuses-shipping-amid-supply-chain-woes-2021-11-02/>

The head of a U.S. commission that oversees ocean transportation said in an interview on Tuesday he suspects some ocean carriers have improperly charged importers, one of many factors driving supply chain woes.

**Iranian claims that U.S. tried to detain tanker false, Pentagon says.** Maher Chmaytelli,

Idrees Ali and Parisa Hafezi. *Reuters.* 3 November 2021. Available from:

<https://www.reuters.com/world/middle-east/iranian-state-tv-says-iran-thwarts-us-attempt-steal-oil-sea-oman-2021-11-03/>

The Pentagon on Wednesday rejected claims by Iran's Revolutionary Guards that they thwarted an attempt by the United States to detain a tanker carrying the Islamic Republic's oil in the Sea of Oman.

**Iran confirms tanker seized as it thwarts US ship ‘hijack’ in Oman Sea.** Michelle Wiese Bockmann. *Lloyd’s List*. 3 November 2021. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1138711/Iran-confirms-tanker-seized-as-it-thwarts-US-ship-hijack-in-Oman-Sea> Iranian forces have seized a Vietnam-flagged tanker that is strongly suspected to be aframax tanker Sothys (IMO: 9253064), based on reports from the Associated Press news agency and analysis from United Against Nuclear Iran.

**IRGC releases footage of confronting US piracy targeting Iranian oil in Sea of Oman.**

Press TV (Iran). 3 November 2021. Available from:

<https://www.presstv.ir/Detail/2021/11/03/669850/Iran-IRGC-confrontation-United-States-oil-piracy> Iran’s Islamic Revolution Guards Corps (IRGC) releases detailed footage of its confrontation late last month against an American act of piracy targeting an Iranian fuel shipment.

**Vietnam seeks information from Iran about seized oil tanker.** Hau Dinh. *Associated Press*.

3 November 2021. Available from: <https://apnews.com/article/business-iran-asia-united-states-middle-east-31f79ae737f0426f633278cbb074fa42> Vietnam was seeking more information Thursday about a Vietnamese oil tanker that was seized at gunpoint last month by Iranian soldiers in the Gulf of Oman, while vowing to ensure the safety and humane treatment of the ship’s crew members.

**4 LatAm nations create fishing-free corridor in east Pacific.** Manuela Rueda. *Associated Press*.

3 November 2021. Available from: <https://apnews.com/article/science-environment-and-nature-colombia-environment-europe-e03e8b57010328472386b0e717cb3003> The new marine corridor will connect the Galapagos Islands in Ecuador with Colombia’s Malpelo Island and the Cocos and Coiba Islands in Costa Rican and Panamanian waters, protecting migratory species from fishing fleets of hundreds of vessels that visit the eastern Pacific each year.

**Footage Shows IRGC Navy’s Foiling of US Act of Piracy.** *Tasnim News Agency (Iran)*.

4 November 2021. Available from:

<https://www.tasnimnews.com/en/news/2021/11/04/2601652/footage-shows-irgc-navy-s-foiling-of-us-act-of-piracy-video> The Islamic Revolution Guards Corps (IRGC) released footage of its confrontation last month against a US act of piracy targeting an Iranian fuel shipment.

**Officials tell AP that Iran seized Vietnamese oil tanker.** Jon Gambrell. *Associated Press*.

4 November 2021. Available from: <https://apnews.com/article/business-middle-east-iran-dubai-united-arab-emirates-e7a3fcffe592a6e5d14ed177daea051a> Iran seized a Vietnamese-flagged oil tanker in the Gulf of Oman last month and still holds the vessel, two U.S. officials told The Associated Press, revealing the latest provocation in Mideast waters as tensions escalate between Iran and the United States over Tehran’s nuclear program.

**‘Government to blame for outrageous freight charges by foreign firms’.** Adaku Onyenucheya.

*Guardian (Nigeria)*. 4 November 2021. Available from: <https://guardian.ng/news/government-to-blame-for-outrageous-freight-charges-by-foreign-firms/> Indigenous ship owners have accused the Federal Government of exposing the country to the harsh exploitation of foreign shipping lines transporting goods at a very high cost into the country.

**‘The polluter must pay’.** *Jamaica Observer*. 4 November 2021. Available from:

[https://www.jamaicaobserver.com/news/the-polluter-must-pay-sids-commission-threatens-legal-action-against-rich-nations\\_235376](https://www.jamaicaobserver.com/news/the-polluter-must-pay-sids-commission-threatens-legal-action-against-rich-nations_235376) Small island states are threatening legal action against larger, richer countries that default on their obligations under the Paris Agreement to deliver funds that will allow them to adapt to the effects of climate change and compensate for resulting loss and damage.

### **Launching the First Movers Coalition at the 2021 UN Climate Change Conference.**

US Department of State. 4 November 2021. Available from: <https://www.state.gov/launching-the-first-movers-coalition-at-the-2021-un-climate-change-conference/> At the 2021 United Nations Climate Change Conference (COP26), the United States announced the launch of the First Movers Coalition, a new platform for companies to harness their purchasing power and supply chains to create early markets for innovative clean energy technologies that are key for tackling the climate crisis.

### **New “first movers” coalition wants to push decarbonization ambitions further.**

Tomas Kristiansen. *ShippingWatch*. 4 November 2021. Available from: <https://shippingwatch.com/regulation/article13434778.ece> World Economic Forum, in partnership with US Special Presidential Envoy for Climate John Kerry, announced Wednesday the First Movers Coalition, a new platform for companies to make purchasing commitments that “create new market demand for low and zero carbon fuels and technologies,” as a press release from the organisation reads.

### **COP26: Combined Exclusive Maritime Zone for Africa to Combat Illegal, Unreported & Unregulated Fishing.**

*Inter Press Service (IPS)*. 4 November 2021. Available from: <http://www.ipsnews.net/2021/11/cop26-combined-exclusive-maritime-zone-africa-combat-illegal-unreported-unregulated-fishing/> As global leaders and civil society actors participate in COP26 in Glasgow, Scotland, illegal, unreported, and unregulated fishing is a significant problem that must be tackled.

### **Canada, US, Italy among 20 countries to stop financing fossil fuels internationally.**

Joe Lo. *Climate Home News*. 4 November 2021. Available from: <https://www.climatechangenews.com/2021/11/04/canada-us-italy-among-20-countries-stop-financing-fossil-fuels-internationally/> Four major economies have agreed to end their support for fossil fuel projects internationally in an announcement campaigners hailed as a “historic breakthrough”.

### **End of coal in sight at COP26. UN Climate Change Conference UK 2021 (COP26).**

4 November 2021. Available from: <https://ukcop26.org/end-of-coal-in-sight-at-cop26/> Coal is being consigned to history today at COP26, as countries, banks and organisations move away from the single biggest contributor to climate change.

### **Pacific islanders struggle at COP26 climate summit as pandemic keeps leaders away.**

Alister Doyle. *Reuters*. 4 November 2021. Available from: <https://www.reuters.com/business/cop/pacific-islanders-struggle-cop26-climate-summit-pandemic-keeps-leaders-away-2021-11-04/> Pacific islanders at risk of rising sea levels are struggling to be heard at the climate summit in Glasgow as the COVID-19 pandemic chokes off travel from the other side of the Earth.

### **Call to defend our oceans at COP26, traditional knowledge important.**

Pita Ligaiula. *Pacific Islands News Association (PINA)*. 5 November 2021. Available from: <https://pina.com.fj/2021/11/05/call-to-defend-our-oceans-at-cop26-traditional-knowledge-important/> The link between the ocean and climate is vital for survival of this Blue Planet, says Pacific Ocean Commissioner and Forum Secretary General Henry Puna.

### **Baffled? You're not alone - COP26 spawns confusing array of acronyms.**

Simon Jessop, Katy Daigle and Valerie Volcovici. *Reuters*. 5 November 2021. Available from: <https://www.reuters.com/business/cop/mission-coalition-cop26-spawns-confusing-clusters-2021-11-05/> Do you know your GFANZ from your ISSB from your PPCA?

**OPED- Who Put Gene Seroka In Charge Of National Maritime Policy?** John Konrad. *gCaptain*. 6 November 2021. Available from: <https://gcaptain.com/gene-seroka-national-maritime-policy/> Is the Port of Los Angeles, and its Executive Director Gene Seroka, too big to fail?

**Support for vulnerable nations could ‘make or break’ Cop26 talks.** Chloé Farand. *Climate Home News*. 6 November 2021. Available from: <https://www.climatechangenews.com/2021/11/06/support-vulnerable-nations-make-break-cop26-talks/> As ministers arrive in Glasgow to broker a political deal, a lack of aid for those on the front lines of climate impacts is a sore point.

**Pacific calls for ocean to be included in UNFCCC.** Pita Ligaiula. *Pacific Islands News Association (PINA)*. 6 November 2021. Available from: <https://pina.com.fj/2021/11/06/pacific-calls-for-ocean-to-be-included-in-unfccc/> Pacific Ocean Commissioner Henry Puna has called on leaders of the Pacific to never give up in global leadership in ocean governance.

**Boats burnt, seafood seized in crackdown on illegal foreign fishing in Australian waters.** Erin Parke and Ben Collins. *ABC (Australia)*. 7 November 2021. Available from: <https://www.abc.net.au/news/2021-11-08/illegal-fishing-vessels-destroyed-seafood-seized/100597184> Authorities have swung into action in Australia’s northern waters, destroying illegal Indonesian boats and seizing hundreds of kilograms of fishing gear and seafood.

**Forum Leaders Declaration on Preservation of Maritime Zones launched.** Pita Ligaiula. *Pacific Islands News Association (PINA)*. 7 November 2021. Available from: <https://pina.com.fj/2021/11/07/forum-leaders-declaration-on-preservation-of-maritime-zones-launched/> Fijian Prime Minister and Forum Chair Voreqe Bainimarama says the ocean is central to the people of the Pacific and called for urgent action to reduce and prevent the irreversible impacts of climate change on our Ocean.

**CLIA Releases 2021 Environmental Technologies and Practices Inventory and Oxford Economics Environmental Report.** *Cruise Lines International Association (CLIA)*. 8 November 2021. Available from: <https://cruising.org/en-gb/news-and-research/press-room/2021/november/clia-releases-2021-environmental-technologies-and-practices-inventory> Annual report shows continued commitment to responsible tourism practices and progress on development and implementation of new environmental technologies.

**US “back at the table” on net-zero shipping at COP26, but funds needed: panel.** Cristina Brooks. *IHS Markit*. 8 November 2021. Available from: <https://cleanenergynews.ihsmarkit.com/research-analysis/us-back-at-table-on-netzero-shipping-at-cop26-but-funds-needed.html> Net-zero shipping needs more US support and funding, speakers at a COP26 side event in Glasgow hosted by the International Chamber of Shipping (ICS) said 6 November.

**The Obscure Organization Powering a Race to Mine the Bottom of the Seas.** Anna Bianca Roach. *PassBlue*. 8 November 2021. Available from: <https://www.passblue.com/2021/11/08/the-obscure-organization-powering-a-race-to-mine-the-bottom-of-the-seas/> On the seafloor, anemones with eight-foot-long tentacles live alongside blind crabs that cultivate food in their arm hair, sharks with glow-in-the-dark bellies and glass sponges that have been thriving since before the invention of the wheel.

**COP26: Fossil fuel industry has largest delegation at climate summit.** *BBC News*. 8 November 2021. Available from: <https://www.bbc.co.uk/news/science-environment-59199484> There are more delegates at COP26 associated with the fossil fuel industry than from any single country, analysis shared with the BBC shows.



**Tuvalu looking at legal ways to be a state if it is submerged.** Stefica Nicol Bikes. *Reuters*. 9 November 2021. Available from: <https://www.reuters.com/business/cop/tuvalu-looking-legal-ways-be-state-if-it-is-submerged-2021-11-09/> 📰 Tuvalu is looking at legal ways to keep its ownership of its maritime zones and recognition as a state even if the Pacific island nation is completely submerged due to climate change, its foreign minister said on Tuesday.

**Beyond Competition: Why the U.S. Must Cooperate with China and Russia for Maritime Stability.** Jan Stockbruegger and Christian Bueger. *Center for International Maritime Security (CIMSEC)*. 9 November 2021. Available from: <https://cimsec.org/beyond-competition-why-the-united-states-must-cooperate-with-china-and-russia-for-maritime-stability/> Great power competition with China and Russia dominates debates in Washington.

**Richard Fain Stepping Down as CEO of the Royal Caribbean Group, to continue as Chair of The Board of Directors; Jason Liberty named to succeed him.** *Royal Caribbean Group*. 9 November 2021. Available from: <https://www.rclinvestor.com/press-releases/release/?id=1575> Richard Fain, whose innovations during more than 33 years as Chief Executive Officer of the Royal Caribbean Group (NYSE: RCL) helped shape the modern cruise industry, has decided to step down as CEO on January 3, 2022, the company announced today.

**Indonesian navy in shipping 'shakedown' off Singapore Strait.** Michelle Wiese Bockmann. *Lloyd's List*. 9 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138775> Shipowners paying \$300,000 to regional navy commander to release vessels detained for anchoring in outer port limits near the world's busiest shipping lane in Indonesian territorial waters.

**His country is sinking. So he's rolling up his pants to make the point at COP26.** Jennifer Jett. *NBC News (US)*. 9 November 2021. Available from: <https://www.nbcnews.com/news/world/cop26-island-nations-risk-climate-change-struggle-make-point-rcna4912> 📰 In a speech aired at the summit on Tuesday, the Pacific island nation's Foreign Minister Simon Kofe is dressed in a suit and tie at a lectern in the water, his pant legs rolled up to his knees as he stands on what used to be dry land.

**Planes and ships can't get a free pass at COP climate summit.** Estelle Dehon. *Splash 247.com*. 10 November 2021. Available from: <https://splash247.com/planes-and-ships-cant-get-a-free-pass-at-cop-climate-summit/> The COP 26 Climate Summit can become a success by putting paid to a dangerous myth that is undermining the 1.5°C goal: that the international shipping and aviation sectors are excluded from the efforts of the Paris Agreement.

**Palau and US Climate Envoy lay a 90-day challenge at COP26.** *Radio New Zealand*. 10 November 2021. Available from: <https://www.rnz.co.nz/international/pacific-news/455340/palau-and-us-climate-envoy-lay-a-90-day-challenge-at-cop26> Palau, in partnership with the Office of the Climate Envoy under the US State Department, has laid a 90-day challenge at COP26 calling for major initiatives to be prepared for announcement at the seventh 'Our Ocean Conference' on the 16<sup>th</sup> and 17<sup>th</sup> of February, 2022.

**Vietnamese oil tanker seized by Iran now free in open waters.** Jon Gambrell. *Associated Press*. 10 November 2021. Available from: <https://apnews.com/article/business-dubai-gulf-of-oman-iran-united-arab-emirates-cd153109127604c6a250f5dd1e75a3a1> A Vietnamese oil tanker earlier seized by Iran was free in open water Wednesday, ending the latest maritime confrontation involving Tehran amid stalled negotiations over its tattered nuclear deal with world powers.

**Draft Glasgow agreement calls for accelerated coal exit, in UN climate first.** Chloé Farand. *Climate Home News*. 10 November 2021. Available from: <https://www.climatechangenews.com/2021/11/10/draft-glasgow-agreement-calls-accelerated-coal-exit-un-climate-first/> A draft agreement at Cop26 climate talks in Glasgow, UK, calls on countries to accelerate the phaseout of coal and fossil fuel subsidies, in a potentially groundbreaking move.

**COP26 Transport Day: MPs back co-investment model for shore power.** *British Ports Association*. 10 November 2021. Available from: <https://www.britishports.org.uk/cop26-transport-day-mps-back-co-investment-model-for-shore-power/> A majority of MPs with a view say that shore power for ships at berth in UK ports should be funded entirely by government or a combination of government and industry.

**Vietnamese Oil Tanker Seized by IRGC Released.** *Tasnim News Agency (Iran)*. 10 November 2021. Available from: <https://www.tasnimnews.com/en/news/2021/11/10/2605573/vietnamese-oil-tanker-seized-by-irgc-released> The *Sothys*, a Vietnamese oil tanker seized last month by the Islamic Revolution Guards Corps off the coasts of Iran, has been released after unloading its Iranian crude, the IRGC said on Wednesday.

**COP26: Governments take position on climate measures ahead of key IMO meeting.** Anastassios Adamopoulos. *Lloyd's List*. 10 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138793/> As IMO prepares to tackle mid-term measures in less than two weeks, government delegates at COP26 warn their peers they will have to confront harsh truths about shipping climate policy.

**UN Global Compact and shipping industry confirm formation of 'people-centred' Task Force to ensure Just Transition to net-zero.** *International Transport Workers' Federation (ITF)*. 10 November 2021. Available from: <https://www.itfglobal.org/en/news/un-global-compact-and-shipping-industry-confirm-formation-people-centred-task-force-ensure> In a landmark moment for maritime workers the formation of a Just Transition Maritime Task Force has been agreed to drive decarbonisation of the industry and support millions of seafarers through shipping's green transition.

**COP architects furious at lack of climate justice at pivotal summit.** Ehsan Masood. *Nature*. 10 November 2021. Available from: <https://www.nature.com/articles/d41586-021-03088-z> Researchers who helped to draft parts of the first United Nations environmental agreements nearly 30 years ago say that that low income countries are being massively let down in the current COP26 climate talks.

**UNCLOS: fit for purpose in the 21<sup>st</sup> century?** *UK House of Lords International Relations and Defence Committee*. 10 November 2021. Available from: <https://parliamentlive.tv/event/index/6beb0374-f89f-4c29-9625-76f73d1a2484> Witness(es): Commander Caroline Tuckett, Lead Legal Advisor - International Law, Royal Navy, Andrew Murdoch, Legal Advisor, Oceans Policy Unit, Foreign, Commonwealth and Development Office.

**COP26: Fiji to launch Blue Bond in 2022 – PM Bainimarama.** Timoci Vula. *Fiji Times*. 11 November 2021. Available from: <https://www.fijitimes.com/cop26-fiji-to-launch-blue-bond-in-2022-pm-bainimarama/> Prime Minister Voreqe Bainimarama says Fiji is launching a Blue Bond in 2022 that seeks to resource a steady course towards a sustainable blue economy and a decarbonised shipping sector.

**COP26: Revenue from carbon prices on shipping must be targeted, say experts.** Tom Washington and Frank Watson. *S&P Global Platts*. 11 November 2021. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/energy-transition/111121-cop26-revenue-from-carbon-prices-on-shipping-must-be-targeted-say-experts> Shipping's decarbonization and developing countries should be the beneficiaries of carbon costs imposed on bunker fuel, according to political and diplomatic transport experts.

**Georgia and Cyprus to establish joint maritime committee.** *Agenda.ge (Georgia)*. 11 November 2021. Available from: <https://agenda.ge/en/news/2021/3537> Georgia and Cyprus have agreed to establish a joint maritime committee, the Ministry of Economy of Georgia reports.



**European Investment Fund, Chr. Augustinus Fabrikker, Minderoo Foundation and Builders Initiative to commit €60m of Ocean 14 Capital's €150m inaugural impact fund.** *European Commission*. 12 November 2021. Available from:

[https://ec.europa.eu/commission/presscorner/detail/en/IP\\_21\\_5986](https://ec.europa.eu/commission/presscorner/detail/en/IP_21_5986) The European Investment Fund (EIF), Chr. Augustinus Fabrikker, Builders Initiative and Minderoo Foundation have approved commitments to become cornerstone investors in Ocean 14 Capital's inaugural fund, the first large investment fund to focus exclusively on the blue economy.

**UK Immigration Bill: Nautilus and UKCS seek amendment to prevent seafarer criminalisation.**

*Nautilus International*. 12 November 2021. Available from: <https://bit.ly/3uRPmBI> In a joint letter, Nautilus International and the UK Chamber of Shipping have requested a meeting with the minister for Immigration Compliance and Justice Chris Philp, seeking an amendment to the proposed Nationality and Borders Bill so that seafarers cannot be criminalised for rescuing migrants.

**Takeaways From the New UN Climate Deal.** *Voice of America*. 13 November 2021. Available from: <https://www.voanews.com/a/takeaways-from-the-new-un-climate-deal/6312450.html> After two years of preparation and 13 days of tough talks, did negotiators at the U.N. climate meeting in Glasgow save the planet?

**After tense huddles in Glasgow, countries strike 'uncomfortable' climate deal.** Joe Lo.

*Climate Home News*. 13 November 2021. Available from:

<https://www.climatechangenews.com/2021/11/13/huddles-tears-glasgow-countries-strike-uncomfortable-climate-deal/> After a series of tense huddles, more than 24 hours into overtime, the gavel went down on a climate deal in Glasgow, UK on Saturday evening.

**Shipowners make payoffs to free vessels held by Indonesian navy near Singapore- sources.**

Joe Brock. *Reuters*. 15 November 2021. Available from: <https://www.reuters.com/world/asia-pacific/shipowners-make-payoffs-free-vessels-held-by-indonesian-navy-near-singapore-2021-11-14/> More than a dozen shipowners have made payments of about \$300,000 apiece to release vessels detained by the Indonesian navy, which said they were anchored illegally in Indonesian waters near Singapore, according to sources with direct knowledge of the matter.

**Sinking Tuvalu laments watered down U.N. Glasgow climate pact.** James Redmayne. *Reuters*.

15 November 2021. Available from: <https://www.reuters.com/business/cop/sinking-tuvalu-laments-watered-down-un-glasgow-climate-pact-2021-11-15/> The South Pacific island nation of Tuvalu is disappointed with the outcome of the U.N. climate summit in Glasgow, fearing it will fail to hold back global warming and worsen the threat of rising sea levels facing low lying countries.

**Government of Kiribati lifts closure of Phoenix Islands Protected Area.** *Pacific Islands News Association (PINA)*.

15 November 2021. Available from: <https://pina.com.fj/2021/11/15/government-of-kiribati-lifts-closure-of-phoenix-islands-protected-area/> The Government of Kiribati has today revealed its lifting the closure of Phoenix Islands Protected Area (PIPPA) – and replacing it with what it calls Marine Spatial Planning (MSP) to sustainably use marine resources in the PIPPA area.

**EU blacklisting could dampen shipping's appetite for Panama's ship registry.** Jens Thomsen.

*ShippingWatch*. 15 November 2021. Available from: <https://shippingwatch.com/article13446861.ece> Panama's inclusion last year on the EU's list of high-risk third countries could negatively affect the popularity of the Panama Ship Registry due to transparency concerns with shipping lenders, according to German shipping bank Berenberg.

**U.S. EPA fines two commercial ships over Vessel General Permit violations.** *US Environmental Protection Agency (EPA)*.

15 November 2021. Available from: <https://www.epa.gov/newsreleases/us-epa-fines-two-commercial-ships-over-vessel-general-permit-violations> The MSC Aurora container ship and the Western Durban bulk carrier both violated EPA's Vessel General Permit (VGP) issued under the Clean Water Act (CWA).

**Cameroon flag registry in fresh links to Iran oil trading.** Michelle Wiese Bockmann. *Lloyd's List*. 16 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138869> The international flag registry of Cameroon is under renewed pressure to deal with tankers trading US-sanctioned crude after another ship loaded a cargo via ship-to-ship transfer in waters off Jask, Iran last week.

**Indonesian Navy chief defends action taken against foreign ships.** Wahyudi Soeriaatmadja. *Straits Times*. 16 November 2021. Available from: <https://www.straitstimes.com/asia/se-asia/indonesian-navy-chief-defends-action-taken-against-foreign-ships> Indonesian Navy chief Yudo Margono yesterday defended enforcement action against foreign ships, saying they continue to anchor illegally in his country's waters as they wait to enter Singapore port despite repeated orders not to do so.

**European nations give state aid to shipping without knowing the price.** Tomas Kristiansen, Idha Toft Valeur and Jens Thomsen. *ShippingWatch*. 16 November 2021. Available from: <https://shippingwatch.com/regulation/article13470419.ece> Even though the shipping industry this year is earning enough money for both container and dry bulk carriers to report record earnings one after the other, European countries look set to maintain their current state subsidies for shipping.

**Global energy efficiency progress is recovering – but not quickly enough to meet international climate goals.** *International Energy Agency (IEA)*. 17 November 2021. Available from: <https://www.iea.org/news/global-energy-efficiency-progress-is-recovering-but-not-quickly-enough-to-meet-international-climate-goals> A rapid expansion of technologies and solutions that drive more efficient use of energy across the economy is necessary to keep global climate pledges within reach, according to a new IEA report, which urges governments to take the lead in mobilising the required increase in investment.

**Uhuru calls for smart solutions to unlock blue economy.** *Kenya Broadcasting Corporation*. 18 November 2021. Available from: <https://www.kbc.co.ke/president-kenyatta-arrives-in-mozambique-for-blue-economy-conference/> Kenyatta called for not only regional but global collaboration in developing a common position to tackle ocean-related threats and challenges and sustainably utilize the opportunities the ocean offers.

**Minister of Maritime Affairs highlights maritime cooperation at conference in Mozambique.** *Government of Portugal*. 18 November 2021. Available from: <https://www.portugal.gov.pt/en/gc22/communication/news-item?i=minister-of-maritime-affairs-highlights-maritime-cooperation-at-conference-in-mozambique> The ties binding Portugal and Mozambique in the area of the oceans and the importance both countries attribute to good ocean governance, oceans meant to be healthy and productive, were noted by the Minister of Maritime Affairs Ricardo Serrão Santos at the opening session of the 2<sup>nd</sup> “Growing Blue” conference held on 19 November in Vilankulo, Mozambique.

**An early holiday miracle: maritime's message at COP26 coalesces on 'zero'.** Carleen Lyden Walker. *TradeWinds*. 19 November 2021. Available from: <https://www.tradewindsnews.com/opinion/an-early-holiday-miracle-maritimes-message-at-cop26-coalesces-on-zero/2-1-1101585> While the rest of the world is vocalising its discontent about COP26 outcomes, the maritime industry witnessed an early holiday miracle.

**Iran's IRGC seizes foreign tanker for smuggling diesel.** Maziar Motamedi. *Al Jazeera*. 20 November 2021. Available from: <https://www.aljazeera.com/news/2021/11/20/irans-irgc-seizes-foreign-tanker-for-smuggling-diesel> Commandos with the naval force of Iran's Islamic Revolutionary Guard Corps (IRGC) have seized a foreign tanker in the Persian Gulf for smuggling diesel.

**Vatican calls for joining forces to stop fishers' rights violations.** Robin Gomes. *Vatican News*. 21 November 2021. Available from: <https://www.vaticannews.va/en/vatican-city/news/2021-11/vatican-turkson-message-world-fisheries-day.html> Noting there are still too many human rights violations that fisherfolk suffer at sea, the Catholic Church is calling on international organizations, governments, civil societies, the different players on the supply chain and NGOs to join forces to stop it.

**EU allocates Sh3.5 billion to support Blue Economy projects.** *Kenya News Agency (KNA)*. 21 November 2021. Available from: <https://www.kenyanews.go.ke/new-kmtc-branch-to-get-sh50million-for-completion/> The European Union (EU) has pumped Sh3.5 billion to finance hundreds of Blue Economy related projects in the six counties of the Coast Region.

**After Cop26, countries must turn climate promises into action on global shipping.** David Kabua. *Climate Home News*. 22 November 2021. Available from: <https://www.climatechangenews.com/2021/11/22/cop26-countries-must-turn-climate-promises-action-global-shipping/> World leaders, youth, entrepreneurs, and citizens gathered and debated how we will save ourselves from the climate crisis we have caused.

**How Canada's shipping industry can reduce its climate change impacts.** *WWF Canada*. 24 November 2021. Available from: <https://www.wwf.ca/stories/canada-shipping-reduce-climate-change-impacts/> Marine shipping connects the world by supplying essential goods. But while boasting in some cases transportation's lowest carbon footprint per tonne transported, the industry's still-significant climate change impacts can no longer be ignored.

**Greece goes green with aim to lead global shipping decarbonisation.** Alice Haine. *The National (UAE)*. 24 November 2021. Available from: <https://www.thenationalnews.com/business/road-to-net-zero/2021/11/24/greece-goes-green-with-aim-to-lead-global-shipping-decarbonisation/> Greek Prime Minister Kyriakos Mitsotakis said his country is pushing ahead with the green transformation of its economy as it plans to become a global leader in the decarbonisation of the shipping industry.

**Blue Economy Upgrades To Create More Jobs.** *Government of Barbados*. 29 November 2021. Available from: <https://gisbarbados.gov.bb/blog/blue-economy-upgrades-to-create-more-jobs/> Barbados' blue economy, its assets, people, their skills and the potential that rests within the sector came into sharp focus during the National Blue Economy Flotilla at Carlisle Bay on Sunday.

**Spanish police uncover human trafficking operation onboard livestock carrier.** Sam Chambers. *Splash 247.com*. 29 November 2021. Available from: <https://splash247.com/spanish-police-uncover-human-trafficking-operation-onboard-livestock-carrier/> Spanish police arrested the captain of a livestock carrier which arrived in Cartagena from Libya on Saturday, cracking a human trafficking case.

**Esbern Snare's detained pirate suspects could be tried in Nigeria, Ghana or Togo.** Dag Holmstad. *ShippingWatch*. 30 November 2021. Available from: <https://shippingwatch.com/regulation/article13511696.ece> The four suspected pirates detained aboard the Danish frigate Esbern Snare for assault with attempt to kill could be tried in a Danish court or in one of the countries by the Gulf of Guinea, according to Katja Lindskov Jacobsen, senior researcher at the Center for Military Studies at the University of Copenhagen.

**EU Proposals to include Shipping in the Emissions Trading Scheme – what do we know?** *Clyde & Co LLP*. 30 November 2021. Available from: [https://www.clydeco.com/en/insights/2021/11/eu-proposals-to-include-shipping-in-the-emissions#\\_ftnref13](https://www.clydeco.com/en/insights/2021/11/eu-proposals-to-include-shipping-in-the-emissions#_ftnref13) On 14 July 2021, the EU Commission proposed legislation to amend the European Union Emissions Trading Scheme ("EU ETS") to include shipping emissions (the "Proposal").

**Detained Croatian flagged vessel in South Africa released, coastline clean up continues: SAMSA.** *South African Maritime Safety Authority (SAMSA)*. 30 November 2021. Available from: <https://blog.samsa.org.za/2021/11/30/detained-croatian-flagged-vessel-in-south-africa-released-coastline-clean-up-continues-samsa/> The South African Maritime Safety Authority (SAMSA) says a Croatian flagged vessel detained in South Africa two weeks ago after an oil spill during bunkering in Algoa Bay has been released.

**Nigerian maritime attorneys call for investigation into Danish navy firefight.** Matt Coyne. *TradeWinds*. 30 November 2021. Available from: <https://www.tradewindsnews.com/law/nigerian-maritime-attorneys-call-for-investigation-into-danish-navy-firefight/2-1-1109492> Nigerian Maritime Law Association wants to decern exact location of the shooting of four suspected pirates.

**The Next Wave Green Corridors: A special report for the Getting to Zero Coalition.** *Global Maritime Forum*. November 2021. Available from: <https://www.globalmaritimeforum.org/content/2021/11/The-Next-Wave-Green-Corridors.pdf> Green corridors have received a lot attention of late, not least because of the United Kingdom's work on the Clydebank Declaration which has activated government support for corridors around the world.

**Compliance, monitoring and enforcement.** Brenda V. Pimentel. *Manila Times*. 1 December 2021. Available from: <https://www.manilatimes.net/2021/12/01/business/maritime/compliance-monitoring-and-enforcement/1824224> Last week, the 4-day Compliance Monitoring and Enforcement (CME) National Workshop jointly organized by the Maritime Industry Authority (Marina) and the Philippine Coast Guard (PCG) was concluded with maritime stakeholders, both in government and industry conveying support to the recommendation drawn by the participants.

**New powers to pushback and criminalise Channel crossings breach UK's human rights obligations, JCHR finds.** *UK Parliament Joint Committee on Human Rights*. 1 December 2021. Available from: <https://bit.ly/34Lyulb> Following legislative scrutiny of the Nationalities and Borders Bill, the Joint Committee finds that a suite of new measures to criminalise and disincentivise attempts to enter the UK without a visa or immigration leave will breach human rights law and the Refugee Convention. [Report](#) [Summary](#) [Conclusions and recommendations](#)

**Marine transport without concrete targets in EU's global infrastructure plan.** Peter Thomsen. *ShippingWatch*. 2 December 2021. Available from: <https://shippingwatch.com/regulation/article13520509.ece> With the mobilization of investments of up to EUR 300 billion over the coming years, the EU proposes a counter move to Chinese investments in ports and infrastructure.

**Canada's Ghost Gear Fund delivering results for cleaner oceans.** *Government of Canada*. 2 December 2021. Available from: <https://www.canada.ca/en/fisheries-oceans/news/2021/12/canadas-ghost-gear-fund-delivering-results-for-cleaner-oceans.html> Abandoned, lost or discarded fishing gear, or 'ghost gear,' is a leading cause of marine debris around the world and has damaging impacts on global fish stocks and marine mammals.

**Maersk seeks 80% of emissions excluded from EU climate change rules.** Michelle Wiese Bockmann. *Lloyd's List*. 3 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139169> Maersk would avoid buying carbon allowances for 80% of its emissions if lobbying efforts to exclude international voyages from pending climate change regulation in Europe are successful.

**Stowaways: Legal Implications.** Jotham Scerri-Diacono. *Ganado Advocates*. 3 December 2021. Available from: <https://ganado.com/insights/publications/stowaways-legal-implications/> Since time immemorial, stowaways have been an ever-present concern for the international community and particularly the shipping industry.



**Deep-sea mining code missing from agenda at ISA meeting.** *China Dialogue*. 6 December 2021. Available from: <https://chinadialogueocean.net/19878-deep-sea-mining-code-missing-from-the-agenda-at-first-isa-meeting-in-two-years/> As the International Seabed Authority meets in person this month for the first time in nearly two years, global opposition to deep-sea mining is building, and the United Nations-affiliated organisation faces dissent among its member states over a rush to enact regulations to allow seabed exploitation to begin.

**Landmark *Libra* ruling finds negligent passage planning can render a ship unseaworthy.** *Nautilus International*. 7 December 2021. Available from: <https://www.nautilusint.org/en/news-insight/news/landmark-libra-ruling-finds-negligent-passage-planning-can-render-a-ship-unseaworthy/> A long-awaited UK Supreme Court judgment has ruled that negligent passage planning by the master and officers can render a ship unseaworthy.

**HFW Helps BIMCO Draft “Game-Changing” Shipping Industry Carbon Emissions Clauses.** *Holman Fenwick Willan LLP*. 7 December 2021. Available from: <https://www.hfw.com/HFW-Helps-BIMCO-Draft-Game-Changing-Shipping-Industry-Carbon-Emissions-Clauses-2021> Global, sector-focused law firm has helped shipping association BIMCO draft a series of clauses in response to strict new environmental legislation that will seek to reduce the industry’s carbon emissions and which will change the way ships are operated in the future.

**U.N. climate chief: COP26 put nations on notice to act fast.** Valerie Volcovici. *Reuters*. 9 December 2021. Available from: <https://www.reuters.com/markets/commodities/un-climate-chief-cop26-put-nations-notice-act-fast-2021-12-08/> The world must get to work on quickly reducing emissions to limit warming to 1.5 degrees Celsius – a goal that remains within reach under the Glasgow Climate Pact, the U.N.’s climate agency chief said.

**The World Court Fixes the Somalia-Kenya Maritime Boundary: Technical Considerations and Legal Consequences.** Clive Schofield, Pieter Bekker and Robert van de Poll. *American Society of International Law*. 9 December 2021. Available from: <https://www.asil.org/insights/volume/25/issue/25> On October 12, 2021, the International Court of Justice (ICJ) delivered its final ruling in the Maritime Delimitation in the Indian Ocean (Somalia v. Kenya) case.

**Gov’t prepares spatial plan for coastal bloc blue economy.** *Kenya News Agency (KNA)*. 9 December 2021. Available from: <https://www.kenyanews.go.ke/govt-prepares-spatial-plan-for-the-coastal-bloc-blue-economy/> The national government has readied a spatial development plan, targeting the coastal counties in readiness for the takeoff of the Blue Economy, which aims to sustainably use the ocean resources to improve economic livelihoods, create jobs, and maintain healthy ecosystems.

**House passes bill to strengthen shipping supply chain.** Joseph Choi. *The Hill (US)*. 9 December 2021. Available from: <https://thehill.com/homenews/house/585008-house-passes-bill-to-strengthen-overseas-supply-chain> The House on Wednesday passed a bipartisan bill designed to strengthen shipping supply chains as ongoing infrastructure issues continue to exacerbate inflation and slow the economic recovery.

**Cyprus calls for further assessment of EU green shipping plans.** Michelle Wiese Bockmann. *Lloyd’s List*. 9 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139222> Cyprus will urge European legislators to further assess planned decarbonisation measures for shipping to avoid trade transferring to road, shipping deputy minister Vassilios Demetriades has told Lloyd’s List.



**“Fit for 55 proposals”: Joint Contribution of the Waterborne and intermodal transport organizations.** *Feport (Federation of European Private Port Companies and Terminals).*


9 December 2021. Available from: <https://www.feport.eu/media-corner/news/news/1025-fit-for-55-proposals-joint-contribution-of-the-waterborne-and-intermodal-transport-organizations>

The undersigned associations representing different segments of the transport and logistics sector welcome the European Commission’s Fit for 55 proposals as a key step to reach the EU’s enhanced climate goals for 2030.

**Fisheries Ministry pushes for new law to curb illegal fishing.** *GhanaWeb.* 9 December 2021.

Available from: <https://www.ghanaweb.com/GhanaHomePage/business/Fisheries-Ministry-pushes-for-new-law-to-curb-illegal-fishing-1419469> The Fisheries and Aquaculture Development Ministry is seeking Cabinet approval to draft a new Fisheries Act that meets all international obligations in relation to illegal, unregulated and unreported fishing activities in Ghana’s Exclusive Economic Zone (EEZ).

**Podcast: In Conversation - Special Focus on the fight against corruption in maritime.**

*Seatrade Maritime News.* 9 December 2021. Available from: <https://bit.ly/3GRCbD9> 

This is a special In Conversation episode of The Maritime Podcast brought to you in collaboration with the Maritime Anti-Corruption Network and we are marking UN International Anti-corruption Day.

**Danish Prosecutors Seek to Bring Gulf of Guinea Pirates Home for Trial.** *Maritime Executive.*

9 December 2021. Available from: <https://www.maritime-executive.com/article/danish-prosecutors-seek-to-bring-gulf-of-guinea-pirates-home-for-trial> Danish prosecutors are looking for options to bring four captured pirates from the Gulf of Guinea to Denmark to face justice, and they are even examining the possibility of chartering a vessel to ship them all the way north.

**Europe conflicted over push to fast-track mining code for the ocean floor.** Chloé Farand.

*Climate Home News.* 9 December 2021. Available from:

<https://www.climatechangenews.com/2021/12/09/europe-conflicted-push-fast-track-mining-code-ocean-floor/> The International Seabed Authority (ISA) is scrambling to develop regulations for exploiting metals from the marine floor by July 2023.

**Maritime Administration’s acting head addresses sexual misconduct issues.** Matt Coyne.

*TradeWinds.* 10 December 2021. Available from:

<https://www.tradewindsnews.com/regulation/maritime-administrations-acting-head-addresses-sexual-misconduct-issues/2-1-1120957> Acting US maritime administrator Lucinda Lessley says rooting out sexual misconduct in the country’s merchant marine is “our watch”.

**U.S. Transportation Secretary Pete Buttigieg Announces \$12.6 Million in Grants for America’s Marine Highways.** *US Department of Transportation.* 10 December 2021.

Available from: <https://www.transportation.gov/briefing-room/us-transportation-secretary-pete-buttigieg-announces-126-million-grants-americas> Today, the U.S. Department of Transportation’s Maritime Administration (MARAD) awarded \$12.6 million in grants to nine marine highway projects across the Nation under the America’s Marine Highway Program (AMHP).

**Blue economy needs to be protected by the judiciary – CJ.** *GhanaWeb.* 13 December 2021.

Available from: <https://www.ghanaweb.com/GhanaHomePage/business/Blue-economy-needs-to-be-protected-by-the-judiciary-CJ-1422835> The Chief Justice (CJ), Justice Kwasi Anin Yeboah, has said that the nation’s commercial maritime activities are critical to economic growth, and therefore it is imperative for the judiciary to be equipped well enough to deal with maritime matters which come before it.

**PMO to facilitate providing maritime, port services.** *Tehran Times (Iran)*. 14 December 2021. Available from: <https://www.tehrantimes.com/news/468060/PMO-to-facilitate-providing-maritime-port-services> In this regard, the organization has taken various measures including the drafting of a strategic document to award the berthing and ships separation services to the private sector, and also the drafting of a plan for the transfer of ship registration services to the private sector.

**Australia Cruise Suspension Now Expected to Pass the Two-Year Mark.** *Maritime Executive*. 15 December 2021. Available from: <https://maritime-executive.com/article/australia-cruise-suspension-now-expected-to-pass-the-two-year-mark> Carnival Corporation's P&O Cruises Australia announced that it is yet again extending its cancellation of cruises following the recent announcement by Australia that it would extend the country's "biosecurity emergency period," till February 2022 in the face of the threat from the Omicron variant of COVID-19.

## MARINE TECHNOLOGY

**Battle over the deep seabeds.** Roger J. Cochet. *The Hill (US)*. 1 November 2021. Available from: <https://thehill.com/opinion/technology/579365-battle-over-the-deep-seabeds> No issue highlights the intersection of high-tech, climate change, international law, mining, biodiversity, cold war skulduggery, geopolitics and military interests as much as proposals to mine the deep ocean floors for billions of potato-shaped, mineral-rich, porous rocks called manganese nodules.

**Houlder unites with leading maritime technology companies in call to prioritise energy efficiency and renewable propulsion technologies in supporting decarbonisation challenge.** *Houlder Ltd*. 2 November 2021. Available from: <https://bit.ly/3uRqXMI> The shipping industry is in danger of losing out on a huge opportunity to make impactful and immediate gains in tackling the climate emergency, by only focusing on a narrow set of measures and having a preoccupation with new fuels, according to leading maritime technology companies.  
[Open Letter: Shipping's cleantech revolution needs more than just new fuels](#) 📄

**Stopford calls on shipping's Elon Musks to step forward.** Sam Chambers. *Splash 247.com*. 3 November 2021. Available from: <https://splash247.com/stopford-calls-on-shippings-elon-musks-to-step-forward/> Speaking at the Asian Logistics, Maritime and Aviation Conference yesterday, Dr Martin Stopford, the non-executive president of Clarkson Research Services and the most famous shipping economist on the planet, laid out how he sees the industry's decarbonisation path this decade.

**Why we ought to be using today's technology to fix tomorrow's problems.** Sean McLaughlin. *Splash 247.com*. 9 November 2021. Available from: <https://splash247.com/why-we-ought-to-be-using-todays-technology-to-fix-tomorrows-problems/> We can't risk being dragged back to business as usual while we wait for future fuels – now is the time to invest in efficiency, argues Sean McLaughlin, a strategy consultant with Houlder.

**Fugro's first unmanned ship *Blue Essence* sails in Rotterdam.** *Port of Rotterdam*. 11 November 2021. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/fugros-first-unmanned-ship-blue-essence-sails-in-rotterdam> The *Blue Essence* is the first offshore certified unmanned ship (USV) that can launch an electrically remote-controlled underwater robot.

**COP26: Sidelined tech firms struggle to be heard.** Declan Bush. *Lloyd's List*. 15 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138847/> Fuel efficiency technology firms are banding together to make themselves heard, saying regulations are not strong enough to spur investment in their products.

**DNV and Equinor partner to develop software for safe carbon capture and storage.** *DNV.*

17 November 2021. Available from: <https://www.dnv.com/news/dnv-and-equinor-partner-to-develop-software-for-safe-carbon-capture-and-storage-211808> The transition to a low-carbon society is reliant upon bringing in new and growing technologies, such as carbon capture and storage (CCS) technology to reduce the CO<sub>2</sub> emissions to atmosphere, and Norway's Equinor is a leader in this area.

**OGCI and StenaBulk find marine carbon capture to be technically feasible.** *Oil and Gas Climate Initiative (OGCI).*

17 November 2021. Available from: <https://www.ogci.com/ogci-and-stenabulk-find-marine-carbon-capture-to-be-technically-feasible/> A feasibility study conducted by OGCI and Stena Bulk, a leading international tanker owner and operator, has found that mobile carbon capture in shipping is technically feasible and has a long-term role to play in meeting the industry's decarbonization targets. [Is carbon capture on ships feasible?](#)

**Data analytics hiring levels in the ship industry rose in October 2021.** *Emil Filipov.*

*ShipTechnology.* 29 November 2021. Available from: <https://www.ship-technology.com/dashboards/data-analytics-hiring-levels-in-the-ship-industry-rose-in-october-2021/> The proportion of ship equipment supply, product and services companies hiring for data analytics related positions rose significantly in October 2021 compared with the equivalent month last year, with 55.6% of the companies included in our analysis recruiting for at least one such position.

**Business Backlash Against Deep-Sea Mining Grows.** *WWF.* 1 December 2021. Available from:

[https://www.panda.org/wwf\\_news/?4541466/Business-Backlash-Against-Deep-Sea-Mining-Grows](https://www.panda.org/wwf_news/?4541466/Business-Backlash-Against-Deep-Sea-Mining-Grows) The world's second-biggest car manufacturer, a leading ethical bank, a major commercial vehicle manufacturer, and sustainable outdoor clothing company have joined other major companies BMW Group, Volvo Group, Samsung SDI, Google, and Philips in pledging to keep minerals sourced from the deep sea out of their products. [Business Statement Supporting a Moratorium on Deep Seabed Mining](#)

**“K” LINE Conducts Trial Use of Marine Biofuel for Decarbonization on Car Carrier.** *Kawasaki Kisen Kaisha, Ltd (“K” LINE).*

2 December 2021. Available from: <https://www.kline.co.jp/en/news/car/car-6798914190385926128/main/0/link/211202EN.pdf> Kawasaki Kisen Kaisha, Ltd. (“K” LINE) is pleased to announce that we have conducted a trial use of marine biofuel which was supplied by global integrated energy company bp on car carrier “POLARIS HIGHWAY”.

**Maritime UK launches Version 5 of Industry Code of Practice for Maritime Autonomous Ship Systems.** *Ben Murray. Maritime UK.*

6 December 2021. Available from: <https://www.maritimeuk.org/media-centre/news/news-maritime-uk-launches-version-5-its-industry-code-practice-maritime-autonomous-ship-systems/> Maritime UK is today (6 December) launching Version 5 of the Industry Code of Practice for Maritime Autonomous Ship Systems. [MASS UK Industry Conduct Principles and Code of Practice 2021 \(V5\)](#)

**The headline says ammonia – the detail says methanol.** *Gregory Dolan. Splash 247.com.*

7 December 2021. Available from: <https://splash247.com/the-headline-says-ammonia-the-detail-says-methanol/> To judge by the headlines, the shipping industry is already set on ammonia as its future fuel of choice.

**New Report Assesses the Feasibility, Cost, and Potential Impacts of Ocean-Based Carbon Dioxide Removal Approaches; Recommends U.S. Research Program.** *US National Academy of Sciences*. 9 December 2021. Available from:

<https://www.nationalacademies.org/news/2021/12/new-report-assesses-the-feasibility-cost-and-potential-impacts-of-ocean-based-carbon-dioxide-removal-approaches-recommends-u-s-research-program> A Research Strategy for Ocean-Based Carbon Dioxide Removal and Sequestration says current levels of CO<sub>2</sub> emissions greatly exceed the ability of nature to remove it from the environment, and reducing carbon emissions alone may not be enough to stabilize the climate. [A Research Strategy for Ocean-based Carbon Dioxide Removal and Sequestration](#)

**Expert Q&A on ocean-based carbon removal.** *University of Victoria (Canada)*. 9 December 2021. Available from: <https://www.uvic.ca/news/topics/2021+expert-qa-carbon-removal+news> If humans are going to fight climate change effectively, we must not only rapidly reduce carbon emissions but, also, remove massive amounts of carbon from the Earth's atmosphere—and now.

**Sewage from cargo ships turned into biogas.** *Port of Haminakotka*. 9 December 2021.

Available from: <https://www.haminakotka.com/news-from-the-port/sewage-cargo-ships-turned-biogas> The cooperation promotes the circular model of turning sewage into biogas that will be used as fuel by heavy traffic.

## MARITIME EDUCATION & TRAINING

**200 Cadets set sail as Amaechi flags off NIMASA's NSDP.** *Osagie Edward. Nigerian Maritime Administration and Safety Agency (NIMASA)*. 31 October 2021. Available from:

<https://nimasa.gov.ng/200-cadets-set-sail-as-amaechi-flags-off-nimasas-nsdp-3/> During the flag-off ceremony organised by the NIMASA in Lagos, Amaechi urged the 200 NSDP-3 cadets to be of good behaviour and represent Nigeria well while commending the resilience of NIMASA in ensuring the success and expansion of the programme since its commencement in 2009.

**Shipping urged to mount a hard sell if it wants seafarers to carry on sailing.**

Jonathan Boonzaier. *TradeWinds*. 1 November 2021. Available from:

<https://www.tradewindsnews.com/insight/shipping-urged-to-mount-a-hard-sell-if-it-wants-seafarers-to-carry-on-sailing/2-1-1090279> Anglo-Eastern chief executive Bjorn Hojgaard has a very blunt assessment of the shipping industry's immediate prospects to recruit and retain seafarers.

**Shipping's horn should sound SOS over 'Great Resignation' fears.** *Terry Macalister.*

*TradeWinds*. 4 November 2021. Available from:

<https://www.tradewindsnews.com/opinion/shippings-horn-should-sound-sos-over-great-resignation-fears/2-1-1092312> It was 18 months ago that ships around the world gave an audio "thank you" to seafarers on behalf of the public with the sound of ship horns.

**Labor Shortages Are About to Jump From Shore to Cargo Ships.** *Enda Curran and Annie Lee.*

*Bloomberg*. 4 November 2021. Available from: <https://www.bloomberg.com/news/newsletters/2021-11-03/supply-chain-latest-crew-shortages-threaten-to-worsen-ship-crisis> The supply crunch that has dogged the global shipping industry could worsen before it gets better, with new challenges ranging from crew retention to wage inflation.

**Midshipman X – Candid Interview With A Merchant Marine Academy Leader.** *gCaptain*.

5 November 2021. Available from: <https://gcaptain.com/midshipman-x-interview-usmma-aaf/>

We recently had a chat with Jim Tobin, President, and CEO of the U.S. Merchant Marine Academy Alumni Association and Foundation about the latest Midshipman X controversy concerning the sexual assault of students interning as cadets during the US Merchant Marine Academy's Sea Year.

**Sh200 million bursary allocated to maritime students.** *Kenya News Agency (KNA).*

8 November 2021. Available from: <https://www.kenyanews.go.ke/sh200-million-bursary-allocated-for-maritime-students/> Kenya Maritime Authority (KMA) has allocated Sh200 million to train hundreds of students undertaking maritime courses at Bandari Maritime Academy and other accredited institutions.

**New STCW I/10 agreement coincides with confirmation of IMO Whitelist position for The Bahamas.** *Bahamas Maritime Authority (BMA).* 9 November 2021. Available from:

<https://www.bahamasmaritime.com/bma-news/new-stcw-i-10-agreement-coincides-with-confirmation-of-imo-whitelist-position-for-the-bahamas/> The Bahamas is pleased to announce that it has maintained its position on the IMO Whitelist as the IMO Maritime Safety Committee at its 104 session has confirmed that The Bahamas has given full and complete effect to the STCW 78 Convention.

**Maritime cadets to receive further COVID-19 funding as SMarT scheme extended.** *UK Ship Register.* 9 November 2021. Available from:

<https://www.ukshipregister.co.uk/news/maritime-cadets-to-receive-further-covid-19-funding-as-smart-scheme-extended/> Maritime cadets will continue to receive COVID-19 funding, with the training scheme extended once more.

**Young Africans need a chance to skipper maritime security.** Timothy Walker, Muneinazvo Kujeke, Denys Reva and David Willima. *Institute for Security Studies (ISS).* 9 November 2021.

Available from: <https://issafrica.org/iss-today/young-africans-need-a-chance-to-skipper-maritime-security> Young people are vital to ending Africa's seablindness.

**'I need to get out of my comfort zone'.** Yvette De Klerk. *Marine Professional (IMarEST).*

12 November 2021. Available from:

<https://www.imarest.org/themarineprofessional/interactions/6306-i-need-to-get-out-of-my-comfort-zone> Yvette De Klerk, who heads up training at Wallem Shipmanagement, shares her career highlights and outlines why the industry needs to adapt to new technologies – while ensuring traditional skills are not lost.

**Automation can help, but shipping cannot automate out of a labour shortage.** Matt Coyne.

*TradeWinds.* 12 November 2021. Available from:

<https://www.tradewindsnews.com/technology/automation-can-help-but-shipping-cannot-automate-out-of-a-labour-shortage/2-1-1096176> In shipping, the near term will not be man versus machine, but man and machine.

**Moving forward...** Brenda V. Pimentel. *Manila Times.* 17 November 2021. Available from:

<https://www.manilatimes.net/2021/11/17/business/maritime/moving-forward/1822465> There is good news for maritime stakeholders as the Maritime Industry Authority (Marina) discloses the plan to remove the onboard training (OBT) from the curriculum of the BS Marine Transportation and BS Marine Engineering (BSMarE) programs.

**The Shipping Company Euronav Will Provide 200 Embarkations To Panamanian Seafarers For The Next 3 Years.** *Hellenic Shipping News.* 17 November 2021. Available from:

<https://www.hellenicshippingnews.com/the-shipping-company-euronav-will-provide-200-embarkations-to-panamanian-seafarers-for-the-next-3-years/> A delegation from the Panama Maritime Authority (AMP) visited the facilities of the renowned shipping company Euronav Ship Management (Hellas) Ltd. in order to seek job opportunities for our Panamanian seafarers and strengthen commercial ties with this important internationally prestigious shipping company.

**Shipping singled out again for its lack of diversity in leadership positions.** Sam Chambers.

*Splash 247.com.* 19 November 2021. Available from: <https://splash247.com/shipping-singled-out-again-for-its-lack-of-diversity-in-leadership-positions/> Barely one in four c-suite positions in shipping are held by women, a major new study reveals this week.



**Liberia: Commissioner Nagbe Emphasizes Training to Prep Liberians' Maritime Labor Competitiveness.** Lennart Dodoo. *Front Page Africa (Liberia)*. 22 November 2021. Available from: <https://frontpageafricaonline.com/news/liberia-commissioner-nagbe-emphasizes-training-to-prep-liberians-maritime-labor-competitiveness/> The Commissioner and Chief Executive Officer of the Liberia Maritime Authority, Eugene Lenn Nagbe, has restated his commitment to ensure that Liberians are adequately trained in order to compete in the maritime labor market commensurate with Liberia's status as the second largest shipping registry in the world.

**Fascination With Ships Led To Maritime Career.** Laiseana Nasiga. *Fiji Sun*. 24 November 2021. Available from: <https://fijisun.com.fj/2021/11/24/fascination-with-ships-led-to-maritime-career/> While growing up on the island in Levuka, seeing different ships sail across her home was always inspirational for Sheryne Lutuni.

**Transportation Ministry pushes for honing capabilities of seafarers.** *Antara News (Indonesia)*. 24 November 2021. Available from: <https://en.antaranews.com/news/201149/transportation-ministry-pushes-for-honing-capabilities-of-seafarers> The Transportation Ministry has encouraged the creation of human resources (HR) of superior capacity in the maritime sector through increasing education on shipping science.

**Teens make Pilbara history as first female marine cadets for world's largest bulk port operator.** Georgia Hargreaves. *ABC (Australia)*. 24 November 2021. Available from: <https://www.abc.net.au/news/2021-11-24/pilbara-teenagers-make-history-as-first-female-marine-cadets-/100647428> Two Pilbara teenagers are embarking on the biggest journey of their lives as they prepare to spend six months at sea working aboard a Rio Tinto bulk-carrier vessel.

**Wärtsilä to deliver the first-ever Cloud Simulation service in Africa at the Technical University of Mombasa.** *Wärtsilä Corporation*. 2 December 2021. Available from: <https://www.wartsila.com/media/news/02-12-2021-wartsila-to-deliver-the-first-ever-cloud-simulation-service-in-africa-at-the-technical-university-of-mombasa-3017291> Wärtsilä Voyage is to equip the Technical University of Mombasa (TUM) with Cloud Simulation services.

**Washington's maritime industry is pushing to create a more diverse, and welcoming, workforce.** Erika Schultz. *Seattle Times (US)*. 5 December 2021. Available from: <https://www.seattletimes.com/pacific-nw-magazine/washingtons-maritime-industry-is-pushing-to-create-a-more-diverse-and-welcoming-workforce/> Working as a photojournalist, I've had assignments to photograph stories about the maritime industry throughout the years.

**Ten New Female 'Officers of the Watch' for PNG.** *PNG Business News (Papua New Guinea)*. 7 December 2021. Available from: <https://www.pngbusinessnews.com/articles/2021/12/ten-new-female-officers-of-the-watch-for-png> Ten young PNG women graduated as 'Officers of the Watch' last week.

**UAE Ministry of Energy and Infrastructure signs MoU with Panama Maritime Authority to enhance training and watchkeeping of seafarers.** Tariq alfaham. *Emirates News Agency (UAE)*. 10 December 2021. Available from: <https://www.wam.ae/en/details/1395303001612> The Ministry of Energy and Infrastructure of the UAE signed a MoU with the Panama Maritime Authority (AMP) at IMO premises in London, for a period of five years, in order to ensure improved training for seafarers, recognition of certificates at the end of both the parties, and better watchkeeping for seafarers on an international level.

**Dubai Maritime City Authority and Arab Academy for Science, Technology and Maritime Transport Sharjah Branch, cooperate in maritime education, training and research.**

*Arab Academy for Science, Technology and Maritime Transport, Sharjah Branch (AASTS).* 13 December 2021. Available from: <https://bit.ly/34YQ3OI> In line with their shared vision to support the UAE's maritime sector, the Dubai Maritime City Authority and AASTS, one of the specialised organisations of the League of Arab States, and a member of the Association of Arab Universities and the International Association of Universities, have signed a Memorandum of Understanding to cooperate in education, training and research studies in the maritime sector.

**Maritime Trainer partners with The Mission to Seafarers to expand online training for seafarers across 200 ports and seven regions.** *Mission to Seafarers.* 14 December 2021.

Available from: <https://www.missiontoseafarers.org/news/maritime-trainer-partners-with-the-mission-to-seafarers-to-expand-online-training-for-seafarers-across-200-ports-and-seven-regions> Maritime Trainer has partnered with The Mission to Seafarers, leading international seafarer welfare charity, to provide WeCare courses to Mission Chaplains and volunteers around the globe.

**U.S. Department of Transportation and Maritime Administration Release Plan to Resume Sea Year with Mandatory Safety Standards.** *US Maritime Administration (MARAD).*

15 December 2021. Available from: <https://www.maritime.dot.gov/newsroom/press-releases/us-department-transportation-and-maritime-administration-release-plan> Today, the U.S. Department of Transportation (DOT) and the Maritime Administration (MARAD) released new safety standards to govern the U.S. Merchant Marine Academy's Sea Year. [Sea Year Training Program Criteria](#)

## MARITIME SAFETY

**Vanuatu Fisheries Observer Program looks beyond 2021.** Glenda Willie. *Daily Post (Vanuatu).*

29 October 2021. Available from: [https://www.dailypost.vu/news/vanuatu-fisheries-observer-program-looks-beyond-2021/article\\_a77e04fe-ba50-58f2-ab57-2b91ae85536b.html](https://www.dailypost.vu/news/vanuatu-fisheries-observer-program-looks-beyond-2021/article_a77e04fe-ba50-58f2-ab57-2b91ae85536b.html) Vanuatu Fisheries Observer Program has successfully completed this week, a two weeks Sea Safety and Security Course at the Vanuatu Maritime College, in Santo.

**American Club's loss prevention initiative proving effective.** *ShipInsight.* 3 November 2021.

Available from: <https://shipinsight.com/articles/american-clubs-loss-prevention-initiative-proving-effective/> As it gains increasing momentum, five safety advisories have been issued in the two months since the campaign was launched.

**NIMASA Issues Advisory to Forestall Maritime Threats, Stowaways.** Osagie Edward. *Nigerian Maritime Administration and Safety Agency (NIMASA).* 4 November 2021. Available from:

<https://nimasa.gov.ng/nimasa-issues-advisory-to-forestall-maritime-threats-stowaways/> NIMASA has introduced new measures to check security threats in the Nigerian maritime domain and deter persons who may seek illegal means of entry into the country as stowaways.

**How can optimised stowage help prevent container loss?** Seb Brindley. *Lloyd's Register.*

11 November 2021. Available from: <https://www.lr.org/en/insights/articles/how-can-optimised-stowage-help-prevent-container-loss/> LR's Seb Brindley discusses the impact incidents have on operators, some of the causes, and how LR's BoxMax container stowage solution can help.

**Ardmore Shipping 'Relatively Uncomfortable' Over Ammonia Bunker Safety.** *Ship & Bunker.*


18 November 2021. Available from: <https://shipandbunker.com/news/world/755167-ardmore-shipping-relatively-uncomfortable-over-ammonia-bunker-safety> Safety concerns may hold back the adoption of ammonia as an alternative marine fuel, according to Ardmore Shipping.

**IUMI report highlights ship fire and cargo storage risks.** Paul Bartlett. *Seatrade Maritime News*. 18 November 2021. Available from: <https://www.seatrade-maritime.com/finance-insurance/iumi-report-highlights-ship-fire-and-cargo-storage-risks> Although the just released Stats Report from the International Union of Marine Insurance (IUMI) identifies broadly positive trends in 2020, it also highlights specific areas of concern – notably shipboard fires on containerships.

**Climate change increases risk of liquefaction of bulk cargoes.** Nidaa Bakhsh. *Lloyd's List*. 1 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139145> Liquefaction of bulk cargoes such as bauxite and nickel ore could become more of an issue going forward as climate change impacts weather patterns.

**LR and InterManager share new insights into the causes of lifeboat accidents.** *Lloyd's Register*. 6 December 2021. Available from: <https://www.lr.org/en/latest-news/lr-and-intermanager-share-new-insights-into-the-causes-of-lifeboat-accidents/> Findings from LR's machine learning technology, SafetyScanner, to help improve lifeboat safety at sea.

**Advancements in preventing enclosed space deaths.** *Institute of Marine Engineering, Science and Technology (IMarEST)*. 6 December 2021. Available from: <https://www.imarest.org/policy-news/technical-leadership/6329-advancements-in-preventing-enclosed-space-deaths> The IMarEST is a member of the Human Element Industry Group (HEIG), an influential group of NGO's aiming to improve safety.

**New technology risks must be tackled despite decade of progress in ship safety.** *DNV*. 6 December 2021. Available from: <https://www.dnv.com/news/new-technology-risks-must-be-tackled-despite-decade-of-progress-in-ship-safety-warns-dnv-213563> It follows the release of a major new analysis, 'Maritime Safety 2012-2021: a decade of progress', from Lloyd's List Intelligence and DNV that shows a marked decline in casualties, losses and detentions over the period. [Maritime Safety 2012-2021 – A decade of progress](#) 

**MARINA, int'l groups kick off passenger ship safety study.** *PortCalls Asia*. 7 December 2021. Available from: <https://www.portcalls.com/marina-intl-groups-kick-off-passenger-ship-safety-study/> The Maritime Industry Authority (MARINA), International Maritime Organization (IMO) and the World Bank (WB) are conducting a nationwide study on domestic passenger ship safety and energy efficiency in the Philippines.



**Fishing boat owners fined after ignoring safe working regulations.** *UK Ship Register*. 9 December 2021. Available from: <https://www.ukshipregister.co.uk/news/fishing-boat-owners-fined-after-ignoring-safe-working-regulations/> Owners of a fishing vessel who pleaded guilty to not complying with fishing regulations have been fined more than £60,000 at Southampton Magistrates Court.

**IACS Council makes supporting safe maritime decarbonisation a main objective.** *International Association of Classification Societies (IACS)*. 13 December 2021. Available from: <https://www.iacs.org.uk/news/iacs-council-makes-supporting-safe-maritime-decarbonisation-a-main-objective/> The 84<sup>th</sup> session of the IACS Council has highlighted the significant safety challenges around decarbonisation.

**Industry group reveals initial results from research into maritime deaths in enclosed spaces.** *Hellenic Shipping News*. 14 December 2021. Available from: <https://www.hellenicshippingnews.com/industry-group-reveals-initial-results-from-research-into-maritime-deaths-in-enclosed-spaces/> Enclosed space deaths continue to be one of the biggest occupational hazards aboard ship.


**ICHCA and Partners Issue Comprehensive Safety Guidance Issued for Dangerous Goods Storage and Handling Facilities.** *International Cargo Handling Coordination Association (ICHCA).*

14 December 2021. Available from: <https://ichca.com/ichca-and-partners-issue-comprehensive-safety-guidance-issued-for-dangerous-goods-storage-and-handling-facilities> The tragic incidents in Tianjin and Beirut have marked a decade of increased concern over the safety of dangerous goods stored in ports, terminals and other warehousing facilities.

[Warehousing White Paper](#)  [Warehousing White Paper Checklist](#) 

**Maritime Safety 2012-2021 – A decade of progress.** *Lloyd's List Intelligence and DNV.*

December 2021. Available from:

[http://images.intelligence.informa.com/Web/InformaUKLimited/%7Bae3b3ac1-612d-48ee-a4ee-e0f05cbbaa86%7D\\_Lloyd's\\_List\\_Intelligence-DNV-Report.pdf](http://images.intelligence.informa.com/Web/InformaUKLimited/%7Bae3b3ac1-612d-48ee-a4ee-e0f05cbbaa86%7D_Lloyd's_List_Intelligence-DNV-Report.pdf)  This DNV maritime safety report comes at a time of rapid change for shipping.

## MARITIME SECURITY

**Cyber Security Act key in safeguarding Ghana's maritime industry – National Security.**

*GhanaWeb.* 28 October 2021. Available from:

<https://www.ghanaweb.com/GhanaHomePage/business/Cyber-Security-Act-key-in-safeguarding-Ghana-s-maritime-industry-National-Security-1390087> The Director in Charge of Legal at the Ministry of National Security, Osei Bonsu Dickson Esq. has indicated that the maritime industry stands to benefit greatly from the newly passed landmark Cybersecurity Act 2020, Act 1038.

**Liberia Joins Dozens of Maritime Nations In International Naval Exercise In Gulf of Guinea.**


*Cholo Brooks. Global News Network GNN (Liberia).* 1 November 2021. Available from:

<https://gnnliberia.com/2021/11/01/liberia-joins-dozens-of-maritime-nations-in-international-naval-exercise-in-gulf-of-guinea/> The Liberia Maritime Authority, through the Maritime Rescue Coordination Center, will on Tuesday, November 2, 2021 participate in a major international navy exercise involving dozens of other nations, including the French Army.

**Dryad: Old Tools Vs New Threats?** *Hellenic Shipping News.* 2 November 2021. Available from:

<https://www.hellenicshippingnews.com/dryad-old-tools-vs-new-threats/> Historically, maritime security guidelines and best practise have evolved in response to incidents or issues that have resulted in a clear gap in the provision of the procedural core function, security.

**The situation with respect to piracy and armed robbery at sea off the coast of Somalia.**

*United Nations.* 3 November 2021. Available from: <https://undocs.org/pdf?symbol=en/S/2021/920> 

The present report is submitted pursuant to paragraph 29 of [Security Council resolution 2554 \(2020\)](#), in which the Council requested the Secretary-General to report within 11 months on the implementation of the resolution and the situation with respect to piracy and armed robbery at sea off the coast of Somalia, including an assessment of national coast guard capabilities.

**GPA, Security apparatus conduct Port Facility Maritime Security 'stimulus exercise'.**

*Sulayman Waan. The Point (Gambia).* 4 November 2021. Available from:

<https://thepoint.gm/africa/gambia/national-news/gpa-security-apparatus-conduct-port-facility-maritime-security-stimulus-exercise> The Management of Gambia Port Authority (GPA) in collaboration with State Security and Law Enforcement Agencies last Thursday held a day's port facility maritime security exercise at the sea port in Banjul.

**France flexes muscle, puts warship in eastern Mediterranean.** *Menelaos Hadjicostis.*

*Associated Press.* 8 November 2021. Available from: <https://apnews.com/article/europe-middle-east-france-paris-cyprus-f4c270df4496e0bc363426fd7649314a> France showcased its military muscle Monday with a tour of its new frigate *Auvergne* in the eastern Mediterranean, seeking to underscore what the ship's captain said was the importance that Paris attaches to ensuring security and stability in the region.



**3<sup>rd</sup> Steering Committee meeting for the Support to West Africa Integrated Maritime Security (SWAIMS).** *Economic Community of West African States (ECOWAS)*. 10 November 2021. Available from: <https://www.ecowas.int/3rd-steering-committee-meeting-for-the-support-to-west-africa-integrated-maritime-security-swaims/> The 3<sup>rd</sup> Programme Steering Committee (PSC) meeting for the Support to West Africa Integrated Maritime Security (SWAIMS) project was held late last week, Thursday, 4<sup>th</sup> November 2021.

**PH, New Zealand agree to boost cooperation in maritime security, other areas.**

*CNN Philippines*. 11 November 2021. Available from: <https://cnnphilippines.com/news/2021/11/11/Philippines-New-Zealand-boost-cooperation-maritime-covid-19.html> The Philippines and New Zealand have agreed to boost cooperation in maritime security, COVID-19 response and other areas during their 6<sup>th</sup> Foreign Ministry Consultations (FMC).

**US, Israel and Gulf Arab allies launch joint Red Sea drill.** Aya Batrawy. *Associated Press*.

11 November 2021. Available from: <https://apnews.com/article/bahrain-suez-canal-united-states-gulf-of-aden-united-arab-emirates-7483f3c9fb098d9cc02a6d006aef1db0> Naval forces from the United States, Israel and two Gulf Arab states are taking part in a joint security drill in the Red Sea, a vital shipping route that feeds into the Suez Canal.

**Nigeria, 5 others adopt Yaoundé agreement on conduct to tackle maritime security.**

Godwin Oritse. *Vanguard (Nigeria)*. 12 November 2021. Available from: <https://www.vanguardngr.com/2021/11/nigeria-5-others-adopt-yaounde-agreement-on-conduct-to-tackle-maritime-security/> Nigeria and five African countries, yesterday, agreed to adopt the Yaoundé Code of Conduct (YCC) with a view to sustaining the low level of pirate attacks on vessels in the Gulf of Guinea, GoG.

**GoG Security: NIMASA Calls for Uniformity of Laws as KAIPTC Demands Change of Yaoundé Code of Conduct.** Eromosele Abiodun. *This Day (Nigeria)*. 12 November 2021.

Available from: <https://www.thisdaylive.com/index.php/2021/11/12/gog-security-nimasa-calls-for-uniformity-of-laws-as-kaiptc-demands-change-of-yaounde-code-of-conduct/> Director General of Nigerian Maritime Administration and Safety Agency (NIMASA), Dr. Bashir Jamoh, has appealed for the standardisation of the legal frameworks of countries in the Gulf of Guinea to aid effective prosecution of maritime crimes.

**Singapore developing improved system to detect maritime threats ‘as early and as far away’ as possible.** Aqil Haziq Mahmud. *Channel News Asia*. 12 November 2021. Available from:

<https://www.channelnewsasia.com/singapore/maritime-security-terrorism-detect-threat-2309076> The Singapore Maritime Crisis Centre (SMCC), made up of different agencies such as the Republic of Singapore Navy (RSN) and Police Coast Guard (PCG) to detect and respond to maritime security threats, flagged a Singapore-bound chemical tanker for showing what is called anomalous behaviour.

**UK to assist Ghana combat pirates on Gulf of Guinea – High Commissioner.** *Modern Ghana*.

13 November 2021. Available from: <https://www.modernghana.com/news/1118262/uk-to-assist-ghana-combat-pirates-on-gulf-of-guinea.html> Ms Harriet Clare Thompson, British High Commissioner to Ghana has revealed that the United Kingdom is ready to assist Ghana to deal with activities of pirates on the Ghanaian seas and the Gulf of Guinea.

**Bureau Veritas and BESSÉ join forces to strengthen cyber security in the maritime sector.**

*Bureau Veritas*. 16 November 2021. Available from: <https://marine-offshore.bureauveritas.com/newsroom/bureau-veritas-and-besse-join-forces-strengthen-cyber-security-maritime-sector> This partnership will see BESSÉ and BV combine their complementary expertise to help shipping stakeholders manage the risk of cyber-attacks, which has risen in recent years, particularly for shipowners.



**Illegal fishing: another target in West Africa's maritime battleground.** *Institute for Security Studies (ISS)*. 18 November 2021. Available from: <https://issafrica.org/iss-today/illegal-fishing-another-target-in-west-africas-maritime-battleground> In a region already facing rampant piracy, the pillaging of fish stocks by industrial operators must be stopped. In a region already facing rampant piracy, the pillaging of fish stocks by industrial operators must be stopped.

**Maritime security in Gulf of Guinea no longer a luxury but a challenge – French cooperation maritime officer.** Eric Nana Yaw Kwafo. *Modern Ghana*. 19 November 2021. Available from: <https://www.modernghana.com/news/1119933/maritime-security-in-gulf-of-guinea-no-longer-a.html> After completing a cycle of training last June, the SAR school of the Interregional Maritime Safety Institute (ISMI) has this month organised a level 1 training on search and rescue at sea.

**DNV's latest acquisition creates the world's largest industrial cyber security practice.** Adis Ajdin. *Splash 247.com*. 24 November 2021. Available from: <https://splash247.com/dnvs-latest-acquisition-creates-the-worlds-largest-industrial-cyber-security-practice/> DNV is acquiring Amsterdam-based cyber security specialist Applied Risk with the aim of building the world's largest industrial cyber security practice, defending critical infrastructure in maritime and other sectors.

**Bureau Veritas is Latest Target of Cyber Attack.** *Maritime Executive*. 24 November 2021. Available from: <https://www.maritime-executive.com/article/bureau-veritas-is-latest-target-of-cyber-attack> Bureau Veritas, the classification and inspection services company has become the latest global company to detect a cyber attack on its systems.

**ClassNK signs Memorandum of Understanding (MOU) on cybersecurity with Panama Maritime Authority (PMA).** *ClassNK*. 25 November 2021. Available from: [https://www.classnk.or.jp/hp/en/hp\\_news.aspx?id=6962&type=press\\_release&layout=1](https://www.classnk.or.jp/hp/en/hp_news.aspx?id=6962&type=press_release&layout=1) Panama, the world's largest flag state, is making various efforts to improve the safety of its own vessels. On 17 November, PMA announced the establishment of a "Cyber Incident Voluntary Reporting Scheme" to better understand the cyber threats that vessels are actually exposed to and to seek more pragmatic and effective measures to control the cyber risks.

**Cyber-attacks – the new 'pandemic'?** Amy McLellan. *Marine Professional (IMarEST)*. 26 November 2021. Available from: <https://www.imarest.org/themarineprofessional/on-the-radar/6321-cyber-the-new-pandemic> Cyber-attacks are spreading in the shadows and proving highly disruptive and expensive.

**Weekly Maritime Security Threat Assessment 29<sup>th</sup> November 2021.** *Dryad Global*. 29 November 2021. Available from: <https://channel16.dryadglobal.com/weekly-maritime-security-threat-assessment-29th-november-2021?hsLang=en> Danish Frigate Esbern Snare responded to an MDAT-GOG warning and attempted to interdict the suspicious speed boat which had 8 suspected pirates onboard.

**Norway and Sweden have no plans to send warships to Gulf of Guinea.** Idha Toft Valeur. *ShippingWatch*. 29 November 2021. Available from: <https://shippingwatch.com/regulation/article13510422.ece> None of the other Scandinavian countries are considering taking a leaf out of Denmark's book and sending naval vessels to the Gulf of Guinea to protect international shipping in the pirate-ridden waters.

**Nigeria, Ghana, Others Lose Billions Of Dollars To Piracy In GoG Annually.** Yusuf Babalola. *Leadership (Nigeria)*. 29 November 2021. Available from: <https://leadership.ng/nigeria-ghana-others-lose-billions-of-dollars-to-piracy-in-gog-annually/> Nigeria and other countries in the Gulf of Guinea (GoG), are losing billions of dollar to activities of piracy in the Gulf of Guinea.


**MPA and Maritime Partners Maintain Cybersecurity Readiness through Inaugural Exercise.**

*Maritime and Port Authority of Singapore (MPA).* 29 November 2021. Available from:

<https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/5c361bf4-3059-493c-af28-c6a2726ac16d> The Maritime and Port Authority of Singapore (MPA) held an inaugural sector-wide maritime cybersecurity exercise today, codenamed 'Exercise CyberMaritime 2021', to put the sector's coordination on cybersecurity incident management, emergency response plans, and crisis communications to the test.

**Maritime Insecurity in the Gulf of Guinea: Ghana's Actual Maritime Crime Picture.** *Safe Seas.*

30 November 2021. Available from: <http://www.safeseas.net/maritime-insecurity-in-the-gulf-of-guinea-ghanas-actual-maritime-crime-picture/>

Despite the magnitude and implications of transnational organized crime at sea, until recently, the problem had received only minimal attention. [Report](#) 

**BIMCO launches new contract for employment of security escort vessels.** *Mette Kronholm*

*Fraende. BIMCO.* 2 December 2021. Available from: <https://www.bimco.org/news/priority-news/20211202-bimco-launches-new-sev-guardcon-contract> BIMCO's Documentary Committee has approved a new standard contract for security escort vessels (SEVs).

**European Shipowners call for further action in the Gulf of Guinea.** *European Community Shipowners' Associations (ECSA).* 2 December 2021. Available from:

<https://www.ecsa.eu/news/european-shipowners-call-further-action-gulf-guinea> The latest incident in South Nigeria, which involved a suspected pirate vessel and Danish Frigate *Esben Snare* and resulted in loss of life, only serves to further highlight the severity of the piracy threat in the Gulf of Guinea.

**BV operations almost back to normal after cyber attack.** *Richard Clayton. Lloyd's List.*

6 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139185> Bureau Veritas, the world's fifth largest classification society by gross tonnage, says 80% of its operations are running at normal levels following the late November cyber attack.

**Syria says Israeli attacks Latakia port with air strike.** *Reuters.* 7 December 2021. Available from:

<https://www.reuters.com/world/middle-east/israeli-aggression-targets-syrias-latakia-port-area-state-tv-2021-12-07/> Israel carried out an air strike on the Syrian port of Latakia on Tuesday, causing a fire in a container storage area, Syrian state media reported, in what appeared to be the first such Israeli attack on the facility.

**Buhari commissions navy ships, others to boost maritime security.** *Ships & Ports.*

10 December 2021. Available from: <https://shipsandports.com.ng/buhari-commissions-navy-ships-others-to-boost-maritime-security/> President Muhammadu Buhari Thursday commissioned a seaward defence boat NNS Oji locally made in Nigeria by men of the Nigerian navy and a helicopter on Thursday in Lagos.

**Is the Global Supply Chain the Next Big Cyber Target?** *Sean M. Holt. Maritime Executive.*

12 December 2021. Available from: <https://maritime-executive.com/magazine/is-the-global-supply-chain-the-next-big-cyber-target> "Cyberwarfare is the greatest threat to the maritime transportation system," warns U.S. Coast Guard Rear Admiral John Mauer, Assistant Commandant for Prevention Policy.

**Danish frigate dispatched again in Guinea – aided container ship after attack.** *ShippingWatch.*

14 December 2021. Available from: <https://shippingwatch.com/regulation/article13555180.ece> Danish frigate *Esbern Snare* has been involved in yet another operation in the Gulf of Guinea.

**Greek, US Coast Guard sign MoU on maritime security, operations, training.**

*Ekathimerini (Greece).* 14 December 2021. Available from:

<https://www.ekathimerini.com/news/1173758/greek-us-coast-guard-sign-mou-on-maritime-security-operations-training/> The Greek and US Coast Guards signed on Tuesday a memorandum of understanding strengthening collaboration on maritime safety and operations, maritime security, border control and information sharing, fisheries inspection and control, protection of the marine environment and training.

## MIGRANTS

**Greece says ship with about 400 migrants at 'safe anchorage'.** *Demetris Nellas. Associated Press.* 30 October 2021. Available from: <https://apnews.com/article/europe-middle-east-greece-turkey-migration-a75edbd9621bc564097f709cd67e6d86> A small cargo ship carrying about 400 mostly Afghan migrants and refugees was towed Saturday to "a safe anchorage" off the Greek island of Kos near the Turkish coast, Greece's coast guard said.

**Migrant Channel crossings: More than 20,000 people make attempt this year as Amnesty International calls for overhaul of asylum system.** *Sky News.* 3 November 2021. Available from: <https://news.sky.com/story/more-than-20-000-migrants-have-attempted-channel-crossing-this-year-as-amnesty-international-calls-for-overhaul-of-asylum-system-12458716> More than 20,000 migrants have made the "dangerous" journey in small boats across the English Channel this year in an attempt to reach the UK, figures show.

**Number of migrants crossing Channel to UK tops 1,000 in new daily record.** *BBC News.* 12 November 2021. Available from: <https://www.bbc.co.uk/news/uk-59257107> A further 1,185 people crossed the English Channel by boat to reach the UK on Thursday, a new record for migrant crossings in a single day - as mild weather made the journey less risky.

**More than 23,500 migrants have crossed the English Channel to the UK so far this year.** *John Ray. ITV News.* 12 November 2021. Available from: <https://www.itv.com/news/2021-11-12/around-1000-people-risk-death-to-reach-uk-in-new-channel-crossings-record> More than 23,500 people have crossed the English Channel to the UK so far this year.

**Ten more lives lost on the world's deadliest migration route.** *Médecins Sans Frontières.* 17 November 2021. Available from: <https://www.msf.org/ten-more-lives-lost-deadly-mediterranean-sea-migration-route> On 16 November, during a difficult search and rescue operation less than 30 nautical miles from Libyan shores in the Central Mediterranean Sea, the Médecins Sans Frontières team on board search and rescue vessel Geo Barents found 10 people dead in the lower deck of a severely overcrowded wooden boat.

**UN agency: 75 migrants drown in Mediterranean off Libya.** *Associated Press.* 20 November 2021. Available from: <https://apnews.com/article/europe-migration-sicily-italy-mediterranean-sea-77ffe89f5b7ed7ff0ced94ba5a2253f2> The United Nations' migration agency said 75 migrants drowned in the Mediterranean Sea north of Libya earlier this week as they attempted to reach Italy by boat.

**Migrant crossings: Number reaching UK this year three times 2020's total.** *BBC News.* 22 November 2021. Available from: <https://www.bbc.co.uk/news/uk-59375590> The Home Office said 886 people arrived on Saturday, bringing the 2021 total to more than 25,700. The figure for last year was 8,469.

**Canary Islands: More than 400 migrants rescued in Atlantic.** *Associated Press.*

23 November 2021. Available from: <https://apnews.com/article/europe-africa-migration-canary-islands-spain-58170d0c8ade9100e4a586585c90481f> Spanish rescuers have saved and disembarked more than 400 migrants and asylum-seekers to the Canary Islands in the past two days as they attempted to reach the Atlantic Ocean archipelago from West Africa on several overcrowded, unsafe smuggling boats.

**Migrant tragedy is biggest loss of life in Channel.** Alex Therrien. *BBC News.* 25 November 2021.

Available from: <https://www.bbc.co.uk/news/uk-59406355> The International Organization for Migration said it was the biggest single loss of life in the Channel since it began collecting data in 2014.

**1,600 migrants lost at sea in Mediterranean this year.** Karl Ritter. *Associated Press.*

25 November 2021. Available from: <https://apnews.com/article/immigration-africa-migration-united-nations-mediterranean-sea-0b8f0524756564850045123e6e617717> The sinking of a boat with more than 30 people on board this week is the deadliest migration tragedy to date in the English Channel.

**Spain's Canary Islands draw more migrants despite dangers.** *InfoMigrants.* 29 November 2021.

Available from: <https://www.infomigrants.net/en/post/36821/spains-canary-islands-draw-more-migrants-despite-dangers> A lack of prospects exacerbated by the pandemic has been leading tens of thousands of Africans to make the dangerous crossing to Spain's Canary Islands.

**IOM Says Despite Risks, Number of Migrants Crossing the Mediterranean Sea Has Doubled.**

Ruud Elmendorp. *Voice of America.* 30 November 2021. Available from: <https://www.voanews.com/a/iom-says-despite-risks-number-of-migrants-crossing-the-mediterranean-sea-has-doubled/6333695.html> In search of a better life, many migrants try to cross what has been dubbed the "deadliest border in the world" - the Mediterranean Sea.

**World Migration Report 2022.** *International Organization for Migration (IOM).* 1 December 2021.

Available from: <https://worldmigrationreport.iom.int/wmr-2022-interactive/> The World Migration Report 2022, the eleventh in the world migration report series, has been produced to contribute to an increased understanding of migration throughout the world.

**The Real Consequences of Europe's Deal With the Libyan Coast Guard.** Ian Urbina.

*Maritime Executive.* 1 December 2021. Available from: <https://www.maritime-executive.com/editorials/the-real-consequences-of-europe-s-deal-with-the-libyan-coast-guard> In May of 2021, I travelled to Libya to explore the troubling story of the country's prisons for migrants captured trying to make their way to Europe.

**Pope calls migrant crisis 'shipwreck of civilisation'.** *Reuters.* 5 December 2021.

Available from: <https://www.reuters.com/world/europe/pope-francis-visits-migrant-camp-greek-island-lesbos-2021-12-05/> Pope Francis condemned the exploitation of migrants for political purposes on Sunday during a visit to the Greek island of Lesbos, branding the global indifference to their plight the "shipwreck of civilisation".

**Migrants push past outnumbered French police to make perilous Channel crossing.**

Pascal Rossignol, Manuel Ausloos and Stephane Mahe. *Reuters.* 16 December 2021. Available from: <https://www.reuters.com/world/europe/migrants-push-past-outnumbered-french-police-make-perilous-channel-crossing-2021-12-16/> In the early hours of Thursday on a beach in northern France, a small group of police with torches tries to stand in the way of dozens of migrants heading for the sea carrying a grey dinghy.



## NAVIGATION & COMMUNICATIONS

**Putin's Arctic polar push.** Dennis O'Neill. *Marine Professional (IMarEST)*. 29 October 2021. Available from: <https://www.imarest.org/themarineprofessional/on-the-radar/6284-putin-s-arctic-polar-push> The Suez Canal debacle in March has emboldened Russia to accelerate its ambitious plans to open up the Northern Sea Route for year-round shipping.

**Traffic backs up along the Yangtze as pilots are required to quarantine.** Sam Chambers. *Splash 247.com*. 1 November 2021. Available from: <https://splash247.com/traffic-backs-up-along-the-yangtze-as-pilots-are-required-to-quarantine/> Traffic along the Yangtze, China's longest river and a massive source of cargoes both domestically and for export, is worsening.

**Russia choose Northern Sea Route for cargo to Bangladesh, although Suez would be much shorter.** Thomas Nilsen. *Independent Barents Observer (Norway)*. 3 November 2021. Available from: <https://thebarentsobserver.com/en/arctic/2021/11/russia-chooses-northern-sea-route-cargo-bangladesh-although-suez-would-be-much-shorter> Putin aims to boost cargo transport in Arctic waters and Russia has for years promoted the Northern Sea Route, along the coast of Siberia, as "the shortcut between Europe and Asia."

**Arctic shipping in slow-motion, but goals stay unwavering.** Polina Leganger Bronder. *Independent Barents Observer (Norway)*. 7 November 2021. Available from: <https://thebarentsobserver.com/en/arctic/2021/11/arctic-shipping-slow-motion-goals-stay-unwavering> In the face of slow transportation developments in the Arctic and the ongoing effects of the Covid-19 crisis, Russian ambitious transportation priorities and goals stay unwavering.

**UK satellite firm Inmarsat agrees \$7.3bn takeover by US rival Viasat.** *The Guardian*. 8 November 2021. Available from: <https://www.theguardian.com/business/2021/nov/08/uk-satellite-firm-inmarsat-agrees-73bn-takeover-by-us-rival-viasat> The British satellite communications company Inmarsat has agreed a \$7.3bn (£5.4bn) takeover by the California-based Viasat, becoming the latest UK tech firm to be taken over by a foreign rival.

**Latest threat in global supply chain nightmares is storm season at sea.** *Straits Times*. 8 November 2021. Available from: <https://www.straitstimes.com/business/economy/latest-threat-in-supply-chain-nightmares-is-storm-season-at-sea> Storm season is coming to the shores of Southern California, and that could make global supply chain bottlenecks even worse.

**Russia casts new light on Arctic navigation.** Atle Staalesen. *Independent Barents Observer (Norway)*. 9 November 2021. Available from: <https://thebarentsobserver.com/en/arctic/2021/11/russia-casts-new-light-arctic-navigation> The country's quickly growing interest in the Northern Sea Route is leading to a reshuffle of regional lighthouses and navigation markers.

**Northern Corridor for Central Asia-Arctic Ocean Transport Access.** Tristan Kenderdine. *Arctic Institute*. 9 November 2021. Available from: <https://www.thearcticinstitute.org/northern-corridor-central-asia-arctic-ocean-transport-access/> Russian rivers famously 'go the wrong way.'

**Will 'star wars' takeover benefit shipping?** Richard Clayton. *Lloyd's List*. 9 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138768> Viasat bought its British rival because of its global footprint, its fleet of satellites, and its vision.

**Cargo-ship fiasco underscores growing risk in Salish Sea.** Michael Riordan. *Seattle Times (US)*. 10 November 2021. Available from: <https://www.seattletimes.com/opinion/cargo-ship-fiasco-underscores-growing-risk-in-salish-sea/> The toxic fumes that spewed from the container ship *Zim Kingston* put a fiery exclamation point on a long-standing argument of Washington environmental groups — that state, tribal and local governments should have more say in major Canadian development projects that can adversely impact our environment and livelihoods.



**What does Viasat takeover of Inmarsat mean for shipping?** Paul Berril. *TradeWinds*.

16 November 2021. Available from: <https://www.tradewindsnews.com/technology/what-does-viasat-takeover-of-inmarsat-mean-for-shipping-2-1-1098541> Viasat is at pains to reassure the UK government that its takeover plans for Inmarsat will not be detrimental to the country's satellite communications and defence interests.

**RRS Sir David Attenborough makes maiden voyage to Antarctica.** *British Antarctic*

Survey (BAS). 16 November 2021. Available from: <https://www.bas.ac.uk/media-post/rrs-sir-david-attenborough-makes-maiden-voyage-to-antarctica/> Britain's new polar research ship, the RRS Sir David Attenborough, departs the UK this week for its maiden voyage to Antarctica.

**Arctic shippers eye release from Russian ice captivity.** Atle Staalesen. *Independent Barents*

Observer (Norway). 16 November 2021. Available from: <https://thebarentsobserver.com/en/2021/11/ship-captains-eye-release-russian-ice-captivity> Diesel-powered icebreaker Novorossisk early this week made its way into the Chukchi Sea with course for the ships that are battling to make it out of the sea-ice in the East Siberian Sea.

**Off the grid: Chinese data law adds to global shipping disruption.** Jonathan Saul and

Eduardo Baptista. *Reuters*. 17 November 2021. Available from: <https://www.reuters.com/world/china/off-grid-chinese-data-law-adds-global-shipping-disruption-2021-11-17/> Ships in Chinese waters are disappearing from tracking systems following the introduction of a new data law in China, frustrating efforts to ease bottlenecks that are snarling the global economy, according to three shipping sources directly impacted.

**PH, Vietnam to revive joint marine research expedition after 14 years.** Betheena Unite. *Manila*

*Bulletin*. 18 November 2021. Available from: <https://mb.com.ph/2021/11/18/ph-vietnam-to-revive-joint-marine-research-expedition-after-14-years/> The Philippines and Vietnam had agreed to revive their joint marine scientific research expedition as both sides conveyed to uphold the rule of the law in the South China Sea.

**Slow steaming for whales: Washington faces calls for speed limits to protect endangered species.** Eric Priante Martin. *TradeWinds*. 18 November 2021. Available from:

<https://www.tradewindsnews.com/esg/slow-steaming-for-whales-washington-faces-calls-for-speed-limits-to-protect-endangered-species/2-1-1065160> The North Atlantic right whale population is at its lowest level in two decades. Further south, just 50 Rice's whales remain. And off California, endangered blue whales feed in busy shipping lanes.

**France gears up to propose Mediterranean ship speed limits to protect whales.** Eric Priante

Martin. *TradeWinds*. 22 November 2021. Available from: <https://www.tradewindsnews.com/esg/france-gears-up-to-propose-mediterranean-ship-speed-limits-to-protect-whales/2-1-1098094> France is proposing measures to protect whales from collisions with shipping traffic in a broad swathe of the north-western Mediterranean Sea.

**China's disappearing ships: The latest headache for the global supply chain.** Laura He. *CNN*.

24 November 2021. Available from: <https://edition.cnn.com/2021/11/24/business/china-shipping-data-mic-intl-hnk/index.html> 📰 Ships in Chinese waters are disappearing from industry tracking systems, creating yet another headache for the global supply chain.

**More icebreakers coming to aid Russian Arctic ships in need.** Atle Staalesen. *Independent Barents Observer* (Norway). 1 December 2021. Available from:

<https://thebarentsobserver.com/en/2021/12/more-icebreakers-coming-aid-russian-arctic-ships-need> *The Arktika* on the 30<sup>th</sup> of November left St. Petersburg where it has undergone technical upgrades, and is due to arrive in Sabetta, Yamal Peninsula, on the 7<sup>th</sup> of December.

**MM&P Union Warns of Supply Chain Risks From Overworked Panama Canal Tugboat Pilots.**

Mike Schuler. *gCaptain*. 2 December 2021. Available from: <https://gcaptain.com/mmp-union-warns-of-supply-chain-risks-from-overworked-panama-canal-tugboat-pilots/> As the U.S. and the rest of the world grapple with supply chain bottlenecks, the seafarers union MM&P says careful consideration should be given to front-line workers in every sector of transportation who are often treated as disposable despite their essential duties.

**Ships divert to avoid calling South Africa.** Sam Chambers. *Splash 247.com*. 7 December 2021.

Available from: <https://splash247.com/ships-divert-to-avoid-calling-south-africa/> Ships have diverted to avoid South Africa in the days since the omicron variant of Covid-19 was first reported.

**TT Club highlights weather-related risk.** *TT Club*. 9 December 2021. Available from:

<https://www.ttclub.com/news-and-resources/news/press-releases/2021/tt-club-highlights-weather-related-risk/> Climatic changes, particularly extreme events are a universal concern for those managing international supply chains, and for the operators of the transport infrastructure that service them.

**New channel depth instructions entered into force in Finland.** *Port News*. 10 December 2021.

Available from: <https://en.portnews.ru/news/322536/> The Finnish Transport and Communications Agency Traficom has published the instructions 'Principles and application of channel depths in Finland'.

**Ever Given crosses the Suez Canal, first time since accident.** Michael Starr. *Jerusalem Post*.

12 December 2021. Available from: <https://www.jpost.com/international/ever-given-to-cross-suez-canal-will-it-get-stuck-again-688515> The *Ever Given*, a container vessel that got stuck in the Suez Canal attempted to cross the waterway for the first time since the ship's accident.

**This year's last transit shipment on Northern Sea Route is underway.** Atle Staalesen.

*Independent Barents Observer (Norway)*. 14 December 2021. Available from: <https://thebarentsobserver.com/en/industry-and-energy/2021/12/years-last-transit-shipment-northern-sea-route-underway> Few days after several ships were rescued out of the sea-ice, nuclear icebreaker *Yamal* prepares for escort of heavy loads carrier *Pugnax* across the remote Arctic waters.

**Does the US have the right to sail warships through the South China Sea? And can China stop them?** Claudio Bozzi. *The Conversation*. 16 December 2021. Available from:

<https://theconversation.com/does-the-us-have-the-right-to-sail-warships-through-the-south-china-sea-and-can-china-stop-them-166742> Images of what appeared to be US warships emerged from China last month, but they were not anywhere near an ocean.

## PIRACY

**Modern piracy is a threat to the lives and livelihoods of seafarers.** *Gard*. 28 October 2021.

Available from: <https://www.gard.no/web/updates/content/32555323/modern-piracy-is-a-threat-to-the-lives-and-livelihoods-of-seafarers> According to one of Gard's African correspondent, TCI Africa/ Eltvædt & O'Sullivan, robbery incidents occurring at the Conakry anchorage appear to be increasing, not only in numbers but also in the level of violence asserted against seafarers.

**BIMCO Sees Best Chance in Years to Combat Piracy in the Gulf of Guinea.** Jakob Paaske

Larsen. *Maritime Executive*. 29 October 2021. Available from: <https://www.maritime-executive.com/editorials/bimco-sees-best-chance-in-years-to-combat-piracy-in-gulf-of-guinea> Historically, piracy attacks in the Gulf of Guinea see a spike during the dry season which normally lasts from October/November to March/April.

**Iran Navy foils pirate attack on Iranian oil tanker en route to Gulf of Aden.** *Press TV (Iran).*

1 November 2021. Available from: <https://www.presstv.ir/Detail/2021/11/01/669677/Iranian-Navy-saves-oil-tanker-pirates-Gulf-Aden> In a statement released on Monday, the Iranian Navy said four boats carrying between 4 to 6 pirates sought to launch an attack on the Iranian tanker earlier in the morning.

**Danish frigate kills four suspected pirates in Gulf of Guinea.** *ShippingWatch.*

25 November 2021. Available from: <https://shippingwatch.com/regulation/article13499081.ece> Special forces aboard Danish naval frigate *Esbern Snare* have killed four suspected pirates and wounded a fifth during a firefight in the Gulf of Guinea, according to the Danish military.

**BIMCO calls for continued naval support in Gulf of Guinea after piracy incident.** *BIMCO.*

25 November 2021. Available from: <https://www.bimco.org/news/priority-news/20211125-gulf-of-guinea-pirates> Following the incident in the Gulf of Guinea on 24 November involving the Danish frigate *Esbern Snare* and a suspected pirate vessel, BIMCO calls on all naval forces in the area to further increase the pressure on piracy groups and hopes a continued naval presence will act as a deterrent.

**Killing of suspected pirates in the Gulf of Guinea radically change the picture of the operation.** Tomas Kristiansen. *ShippingWatch.* 25 November 2021. Available from: <https://shippingwatch.com/regulation/article13500945.ece> The killing of four suspected pirates in the Gulf of Guinea is the first operation performed by an international navy vessel that has ended fatally, informs British analyst firm Dryad Global.

**Danish forces kill four pirates off Nigeria: navy.** *Guardian (Nigeria).* 25 November 2021.

Available from: <https://guardian.ng/news/danish-forces-kill-four-pirates-off-nigeria-navy/> A Danish naval patrol killed four pirates in an exchange of fire in the Gulf of Guinea off the coast of Nigeria, Denmark's armed forces said on Thursday.

**Danish Frigate *Esbern Snare* stops pirates.** *Government of Denmark.* 25 November 2021.

Available from: <https://www.forsvaret.dk/en/news/2021/danish-frigate-esbern-snare-stops-pirates/> On Wednesday, November 24, the crew of the frigate *Esbern Snare* responded to reports of an increased risk of piracy in the waters south of Nigeria. The ship set in that direction and sent the ship's Seahawk helicopter in advance to observe.

**Danish frigate kills four pirates in Gulf of Guinea.** *Reuters.* 25 November 2021. Available from:

<https://www.reuters.com/world/danish-frigate-kills-four-suspected-pirates-gulf-guinea-2021-11-25/> A Danish frigate has killed four pirates in waters south of Nigeria in an operation to protect shipping in the Gulf of Guinea, the Danish military said on Thursday.

**Piracy arrests could leave Denmark with legal headache.** Gary Dixon. *TradeWinds.*

26 November 2021. Available from: <https://www.tradewindsnews.com/casualties/piracy-arrests-could-leave-denmark-with-legal-headache/2-1-1107156> The arrest by Danish special forces of four suspected pirates off West Africa could leave Denmark with a legal headache, a policy expert believes.

**NIMASA boss meets Danish ambassador over killing of pirates.** *Vanguard (Nigeria).*

28 November 2021. Available from: <https://www.vanguardngr.com/2021/11/nimasa-boss-meets-danish-ambassador-over-killing-of-pirates/> Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA), Dr. Bashir Jamoh, has met with the Danish Ambassador to Nigeria, His Excellency, Sune Krogstrup, on the reported killing of pirates in the Gulf of Guinea by a Danish frigate.

**Danish Prime Minister says piracy in Gulf of Guinea alarming.** *MyJoyonline TV (Ghana).*

29 November 2021. Available from: <https://www.youtube.com/watch?v=IFhs6LV1VSE>

Danish Prime Minister, Mette Frederiksen says her country remains committed to fighting piracy which threatens countries along the Gulf of Guinea and international trade.

**Shipping industry calls for increased pressure on Gulf of Guinea pirates following exchange of fire with Danish navy.** *Nautilus International.* 29 November 2021. Available from: <https://www.nautilusint.org/en/news-insight/news/shipping-industry-calls-for-increased-pressure-on-gulf-of-guinea-pirates-following-exchange-of-fire-with-danish-navy/> International shipping organisation BIMCO calls for continued naval support in the Gulf of Guinea following an incident between a suspected pirate vessel and the Danish Navy on 24 November 2021.

**Somalia: Security Council adopts resolution to keep pirates at bay.** *UN News.*

3 December 2021. Available from: <https://news.un.org/en/story/2021/12/1107192> The UN Security Council on Friday adopted a resolution to combat the continuing threat of piracy off the coast of Somalia, as shipping and protection measures to keep vessels safe, have returned to levels not seen since before the COVID-19 pandemic. [Resolution 2608 \(2021\)](#)

**Danish Anti-Piracy Action Jolts Gulf of Guinea Maritime Leaders.** *Maritime Executive.*

5 December 2021. Available from: <https://www.maritime-executive.com/article/danish-anti-piracy-action-jolts-gulf-of-guinea-maritime-leaders> An intense debate has erupted following the recent deployment of a Danish frigate on an anti-piracy patrol in Gulf of Guinea, which resulted in the death of four pirates and the capture of another four.

**Shrinking West Africa piracy not due to tighter security, says Dryad.** Paul Berrill. *TradeWinds.*

7 December 2021. Available from: <https://www.tradewindsnews.com/law/shrinking-west-africa-piracy-not-due-to-tighter-security-says-dryad/2-1-1116173> Piracy and maritime crime throughout West Africa have shrunk by 54% this year but the causes have not been eradicated, warns shipping security company Dryad Global in a new report.

**Surge in piracy costing W. Africa nations: UN.** *Modern Ghana.* 7 December 2021.

Available from: <https://www.modernghana.com/news/1124278/surge-in-piracy-costing-w-africa-nations.html> The surge of maritime piracy in Africa's Gulf of Guinea is not just a threat to foreign ship and cargo owners but also carries significant costs for the coastal nations, a new UN report said Tuesday.

**Pirates of the Gulf of Guinea: A Cost Analysis for Coastal States.** *Stable Seas.*

7 December 2021. Available from: <https://www.stableseas.org/post/pirates-of-the-gulf-of-guinea-a-cost-analysis-for-coastal-states>; Pirate groups concentrated in the Niger Delta earn perhaps \$5 million of direct income per year through theft and hostage-taking.

**Questions after Danish navy clashes with pirates in Gulf of Guinea.** Declan Bush. *Lloyd's List.*

7 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139194/> Concerns have been raised in connection with an incident in the Gulf of Guinea in which four suspected pirates died and four others were detained by Danish troops.

**Shipmanager confirms pirate attack on Tonsberg.** *Lloyd's List.* 15 December 2021.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139299> Technomar Shipping has confirmed the pirate attack in the Gulf of Guinea on a containership under its management.

## PORT STATE CONTROL

**Crew change difficulties remain strong despite improving seafarer vaccination rates, points Neptune Indicator.** *Global Maritime Forum*. 2 November 2021. Available from: <https://www.globalmaritimeforum.org/press/crew-change-difficulties-remain-strong-despite-improving-seafarer-vaccination-rates-points-neptune-indicator> The crew change Indicator points to a small improvement of the situation and a significant increase in vaccination rates; nonetheless, the industry still faces many challenges in repatriating and sourcing crew. [The Neptune Declaration Crew Change Indicator: November 2021](#) 📄

**Crew Change and the future of shipping streamlining processes.** Ilaria Grasso Macola. *ShipTechnology*. 4 November 2021. Available from: <https://www.ship-technology.com/features/crew-change-and-future-shipping-streamlining-processes/> Singapore-based platform Greywing has developed a new technology called Crew Change to help companies make smarter changes around Covid-19 regulations.

**UK indecision on post-Brexit port checkpoints puts trade at risk.** David Osler. *Lloyd's List*. 4 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138728> Government dithering over post-Brexit checkpoints for animals and plants entering the UK is putting the resilience of Britain's trade at risk, according to the UK Major Ports Group chief executive Tim Morris.

**Tightening Port Controls: African Nations to Use New Technology in, Fighting Illegal Fishing With Big Data.** *Front Page Africa (Liberia)*. 5 November 2021. Available from: <https://frontpageafricaonline.com/news/tightening-port-controls-african-nations-to-use-new-technology-in-fighting-illegal-fishing-with-big-data/> Four African nations and a regional fisheries organization are harnessing new technology to strengthen port controls and combat illegal fishing.

**Foreign flagged ships detained in the UK during October 2021.** *UK Maritime & Coastguard Agency*. 10 November 2021. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-october-2021> The Maritime and Coastguard Agency (MCA) announced today that three foreign flagged ships remained under detention in UK ports during October 2021 after failing Port State Control (PSC) inspection.

**China's Northern Port of Dalian Begins New COVID-Related Lockdowns.** *Maritime Executive*. 12 November 2021. Available from: <https://maritime-executive.com/article/china-s-northern-port-of-dalian-begins-new-covid-related-lockdowns> The northeastern port city of Dalian in China is being a third round of lockdowns and quarantine as the city has been linked to a new wave of the Delta variant of COVID-19.

**China's Covid Zero Policy Towards Seafarers Escalates Supply Chain Crisis.** K. Oanh Ha and Jack Wittels. *gCaptain*. 24 November 2021. Available from: <https://gcaptain.com/chinas-covid-zero-policy-seafarers-escalates-supply-chain-crisis/> China's increasingly extreme Covid Zero policies are standing in the way of a full recovery for the shipping industry and prolonging a crisis that's snarled ports and emptied shelves worldwide.

**Sea-Watch 4 granted safe port in Augusta, Sicily.** *InfoMigrants*. 26 November 2021. Available from: <https://www.infomigrants.net/en/post/36817/seawatch-4-granted-safe-port-in-augusta-sicily> It has been carrying around 460 migrants rescued from distress in the Mediterranean in the course of the past week.

**Omicron fears already playing havoc with crew changes.** Sam Chambers. *Splash 247.com*. 2 December 2021. Available from: <https://splash247.com/omicron-fears-already-playing-havoc-with-crew-changes/> The omicron strain of Covid-19, first identified in South Africa last week, is already causing havoc to crew change operations around the world.



**Singapore restricts seafarers from some African countries over variant concerns.**

Cichen Shen. *Lloyd's List*. 3 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139166> Singapore, a key maritime hub, has suspended crew changeover and vaccination for seafarers with recent travel to a string of African countries following the emergence of the Omicron variant.

**Foreign flagged ships detained in the UK during November 2021.** *UK Maritime and Coastguard Agency (MCA)*. 7 December 2021. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-november-2021> The Maritime and Coastguard Agency announced today that three foreign flagged ships remained under detention in UK ports during November 2021 after failing Port State Control (PSC) inspection.

**China imposes 14-day lockdown in district near Port of Ningbo.** *ShippingWatch*.

9 December 2021. Available from: <https://shippingwatch.com/carriers/article13539602.ece> Concerns over new supply chain disruptions are mounting following the introduction of a 14-day local lockdown due to a rise in Covid-19 infections, writes S&P Global Platts citing several unnamed industry sources.

**Quarantine programme launched to combat omicron crew crunch.** Sam Chambers. *Splash 247.com*. 16 December 2021. Available from: <https://splash247.com/quarantine-programme-launched-to-combat-omicron-crew-crunch/> Shipowners, seafarers' unions and maritime employer groups are establishing their own approved international network of quarantine facilities to ensure seafarers can safely join ships, despite unpredictable changes to government border policies.

## PORTS & HARBOURS

**GPHA boss makes case for economic viability of proposed Keta Port.** *Ghana Ports and Harbours Authority*. 26 October 2021. Available from: <https://www.ghanaports.gov.gh/media/news-details/344/B69DFPWDGSU/GPHA-BOSS-MAKES-CASE-FOR-ECONOMIC-VIABILITY-OF-PROPOSED-KETA-PORT> The Director General of the Ghana Ports and Harbours Authority, Michael Luguje has argued that the Port of Keta, when constructed would be economically viable, due to the commercial dynamics in the maritime trade.

**Disrupted Ports - COVID, Climate and Extreme Weather.** *Ship & Bunker*. 29 October 2021. Available from: <https://shipandbunker.com/news/world/769066-disrupted-ports-covid-climate-and-extreme-weather> When operations at ports and harbours are disrupted, the knock-on effects are not just noticeable, they can be disastrous across the supply chain, let alone on the companies and consumers who rely on shipping to deliver more than 90% of the world's goods.

**Ships queues worsen port delays from Singapore to Piraeus.** Kevin Varley. *ShippingWatch*. 3 November 2021. Available from: <https://shippingwatch.com/carriers/Container/article13427014.ece> Near Singapore on Monday, the backlog was 22 percent above normal with 53 container ships anchored off the financial and cargo-transit hub, the highest count since Bloomberg News started tracking the data in April.

**Are Ship Backlogs Contributing to Higher Air Pollution Near Key U.S. Ports?** Mike Schuler. *gCaptain*. 3 November 2021. Available from: <https://gcaptain.com/are-ship-backlogs-contributing-to-air-pollution-near-key-u-s-ports/> Congestion at the United States' busiest ports has been blamed for everything from supply chain snarls to inflation and even an oil spill.

**The Port of Antwerp and the Port of Montreal pledge to create a green shipping corridor.**

*Port of Antwerp.* 3 November 2021. Available from: <https://newsroom.portofantwerp.com/the-port-of-antwerp-and-the-port-of-montreal-pledge-to-create-a-green-shipping-corridor> At the 26<sup>th</sup> Conference of the Parties (COP26) on climate change, the Port of Antwerp and the Port of Montreal have signed a cooperation agreement to support the creation of the first green shipping corridor in the North Atlantic.

**The ports of València and Hamburg sign an alliance to promote the use of hydrogen.**

*Port Authority of Valencia (PAV).* 4 November 2021. Available from: <https://www.valenciaport.com/en/the-ports-of-valencia-and-hamburg-sign-an-alliance-to-promote-the-use-of-hydrogen/> The two entities are going to work together on projects for the generation, storage and application of hydrogen in the maritime sector.

**Admiral Rabea: “Increasing the transit tolls of all the types of transiting ships through the canal with 6% during 2022 and fixing/ stabilizing the tolls of LNG ships and cruise ships only”.**

*Suez Canal Authority (SCA).* 4 November 2021. Available from: [https://www.suezcanal.gov.eg/English/MediaCenter/News/Pages/navigation\\_04-11-2021.aspx](https://www.suezcanal.gov.eg/English/MediaCenter/News/Pages/navigation_04-11-2021.aspx) Suez Canal Authority issued new resolutions concerning the fees of the transiting ships through the canal to be applied during the next year 2022.

**South Africa’s new bunkering and ship-to-ship transfer codes of practice out for public comment: SAMSA.**

*South African Maritime Safety Authority (SAMSA).* 8 November 2021. Available from: <https://blog.samsa.org.za/2021/11/08/south-africas-new-bunkering-and-ship-to-ship-transfer-codes-of-practice-out-for-public-comment-samsa/> Current and aspirational bunkering and ship-to-ship transfer services providers in South Africa will have the next three weeks beginning this Monday to peruse and offer comments on the country’s proposed new bunkering and ship-to-ship transfer codes of practice, according to a public notice issued by the SAMSA at the weekend.

**Recent Progress and Actions on Port Congestion.**

*The White House.* 10 November 2021. Available from: <https://www.whitehouse.gov/briefing-room/blog/2021/11/10/recent-progress-and-actions-on-port-congestion/> Retailers have spent the past few months moving a record number of goods into the country with the help of longshore workers, truck drivers, railroad and warehouse workers.

**State agencies at Ghana’s ports working together towards efficient waste reception services.**

*Ghana Ports and Harbours Authority.* 10 November 2021. Available from: <https://bit.ly/34GCa7T> The General Manager, Estate and Environment at the Ghana Ports and Harbours Authority, James Benjamin Gaisie has intimated the readiness of state agencies in streamlining their activities towards efficient provision of waste reception services at the ports of Ghana.

**China’s Qinzhou port launches crude terminal.**

*Argus Media.* 11 November 2021. Available from: <https://www.argusmedia.com/en/news/2272727-chinas-qinzhou-port-launches-crude-terminal> The VLCC *New Wealth* discharged its first crude cargo at a VLCC berth at the new terminal on 5 November, after arriving from Hong Kong.

**New ports queuing procedures will improve safety, air quality.**

*Spectrum News 1 (US).* 11 November 2021. Available from: <https://spectrumnews1.com/ca/la-west/business/2021/11/11/new-ports-queuing-procedures-will-improve-safety--air-quality> The ports of Los Angeles and Long Beach will implement a new queuing process to improve safety and air quality off the Southern California coast.

**Major European terminal struggling with carriers’ delays.**

*ShippingWatch.* 15 November 2021. Available from: <https://shippingwatch.com/carriers/Container/article13464180.ece> Choked up ports and bottlenecks in major container ports, especially in China and on the US west coast, are having a ripple effect on European counterparts.

**DCSA publishes complete framework of Just-in-Time Standards for main port call activities.**

*Digital Container Shipping Association (DCSA)*. 16 November 2021. Available from: <https://dcsa.org/resource/dcsa-publishes-complete-framework-of-just-in-time-standards-for-main-port-call-activities/> Latest release of DCSA Just-in-Time Port Call Programme provides interface standards and API definitions for all 50 port call event timestamps.

**How ports can navigate the energy transition.** *Wood Mackenzie*. 16 November 2021.

Available from: <https://www.woodmac.com/news/opinion/how-ports-can-navigate-the-energy-transition/> Change is afoot in the global energy and commodity markets as economies align themselves with the push for net zero.

**Saudi Arabia Aims to Attract Cruise Ships With New Port Investments.** *Maritime Executive*.

16 November 2021. Available from: <https://www.maritime-executive.com/article/saudi-arabia-aims-to-attract-cruise-ships-with-new-port-investments> Saudi Arabia is targeting to attract more international cruise liners with a second terminal as part of efforts to revamp the Kingdom's tourism industry and transform it to a key contributor to economic growth.

**Port of Los Angeles struggles to stay open 24/7 to process containers.** Daniel Logan.

*ShippingWatch*. 17 November 2021. Available from: <https://shippingwatch.com/carriers/Container/article13474408.ece> Empty containers are piling up in both Long Beach and Los Angeles, and the latter of the two major US west coast harbors is now striving to be open at all hours to get rid of the many containers.

**One of the largest ports in North America is experiencing big delays due to flooding in Pacific Northwest, officials say.** Aya Elamroussi, Amy Simonson and Paul P. Murphy. *CNN*.

18 November 2021. Available from: <https://edition.cnn.com/2021/11/18/weather/pacific-northwest-flooding-thursday/index.html> There are significant delays for railways and trucks using the Canadian port city of Vancouver after severe and widespread flooding slammed the Pacific Northwest, officials said Wednesday—and the impact could be felt for days.

**Russia to Build New Baltic Cargo Seaport and Transshipment Center.** *Maritime Executive*.

18 November 2021. Available from: <https://www.maritime-executive.com/article/russia-to-build-new-baltic-cargo-seaport-and-transshipment-center> Russian officials have signed agreements to develop a massive new port complex, which they report will be the largest investment project on the Baltic Coast within the Russian Federation.

**China relaxes cabotage rules for foreign carriers amid global shipping logjam.** Cichen Shen.

*Lloyd's List*. 19 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138924/China-relaxes-cabotage-rules-for-foreign-carriers-amid-global-shipping-logjam> China has partly opened its cabotage container shipping to non-mainland Chinese carriers, a move that could help ease the current capacity crunch snarling the global supply chain.

**'I can't see any positives': return of cruise ships may bring a storm of protest to regional Australian ports.** Royce Kurlmelovs. *The Guardian*. 21 November 2021. Available from:

<https://www.theguardian.com/business/2021/nov/21/i-cant-see-any-positives-return-of-cruise-ships-may-bring-a-storm-of-protest-to-regional-australian-ports> As a teenager, Dylan Boag couldn't wait to move to the city, but when he finally arrived, all he could think about was getting back home to the pristine waters of Jervis Bay, 200km south of Sydney.

**Namibia strengthens knowledge on port security.** *The Namibian*. 22 November 2021.

Available from: <https://www.namibian.com.na/6215568/archive-read/Namibia-strengthens-knowledge-on-port-security> The European Union funded workshop was facilitated by the IMO and included those who play a role in ensuring risks in the maritime sectors are identified and dealt with.

**Wärtsilä partners with the Maritime and Port Authority of Singapore to co-develop next-generation safer and greener smart port solutions.** *Wärtsilä Corporation*. 23 November 2021. Available from: <https://bit.ly/3gLb8if> Wärtsilä Voyage has signed a strategic partnership with the Maritime and Port Authority of Singapore (MPA).

**Jubail Port expansion paves way for a greener, safer, and more cost-efficient transport option.** *Saudi Gazette*. 28 November 2021. Available from: <https://saudigazette.com.sa/article/614112> Gulf Stevedoring Contracting Company, part of the GulfTainer group of companies, has announced enhancements to Jubail Commercial Port.

**Port facility security officers bemoan criminal activities in Gulf of Guinea.** Godwin Oritse. *Vanguard (Nigeria)*. 28 November 2021. Available from: <https://www.vanguardngr.com/2021/11/port-facility-security-officers-bemoan-criminal-activities-in-gulf-of-guinea/> National Chairman of Ports Facility Security Officers Forum of Nigeria (PFSOFN), Ignatius Uche, has said that states in the Gulf of Guinea have lost billions of dollars due to sea piracy, armed robbery and other maritime criminal activities.

**First phase of Tuas Port completed, greener concrete being explored for future phases.** Clement Yong. *Straits Times*. 30 November 2021. Available from: <https://www.straitstimes.com/singapore/first-phase-of-tuas-port-completed-greener-concrete-being-explored-for-future-phases> Two berths at Tuas Port will be open for use by the end of the year, with the port's first phase of construction - comprising 21 berths - completed.

**The Panama Canal Plans to Charge a Greenhouse Gas Fee.** *Maritime Executive*. 1 December 2021. Available from: <https://www.maritime-executive.com/article/the-panama-canal-plans-to-charge-a-greenhouse-gas-fee> The Panama Canal Authority is set to become one of the first governmental entities in the world to charge shipowners a fee for their vessels' greenhouse gas emissions.

**Ship Backlog Builds at Port of Vancouver After Floods.** Mike Schuler. *gCaptain*. 1 December 2021. Available from: <https://gcaptain.com/ship-backlog-builds-at-port-of-vancouver-after-floods/> Congestion has been building at the Port of Vancouver, Canada's largest port, after recent floods knocked out rail and major highway access to area.

**Ports face new era of operational threats.** Ben Abraham. *Seatrade Maritime News*. 3 December 2021. Available from: <https://www.seatrade-maritime.com/finance-insurance/ports-face-new-era-operational-threats> Ports and terminal operators are entering a new era where the operational threats they face – both old and new – will make a return to 'business as usual' increasingly unlikely, even once the pandemic finally subsides.

**US in "strong shape" as California logjam begins to ease.** James Turner. *Port Technology International*. 3 December 2021. Available from: <https://www.porttechnology.org/news/us-in-strong-shape-as-california-logjam-begins-to-ease/> President Biden has insisted that the US is in "strong shape" entering the holiday season after claiming measures to ease congestion along the West Coast are proving successful.

**President Samia dissolves Tanzania Ports Authority, Shipping Corporation boards.** Paul Owere. *The Citizen (Tanzania)*. 4 December 2021. Available from: <https://www.thecitizen.co.tz/tanzania/news/president-samia-dissolves-tanzania-ports-authority-shipping-corporation-boards--3641206> President Samia Suluhu Hassan has dissolved the Tanzania Ports Authority (TPA) board and the Shipping Corporation by removing its chairmen after dissatisfaction with their performance.



**Nigerian ports operation to go digital by 2025 – NPA.** *Vanguard (Nigeria)*. 4 December 2021. Available from: <https://www.vanguardngr.com/2021/12/nigerian-ports-operation-to-go-digital-by-2025-npa-2/> The Nigerian Ports Authority (NPA) has stated that deliberate measures and investments are being undertaken to create a fully digital ecosystem in all the country's port locations by 2025.

**Top 10 Ports in China 2021.** James Turner. *Port Technology International*. 6 December 2021. Available from: <https://www.porttechnology.org/news/top-10-ports-in-china/> As the year draws to a close, PTI has taken on the task of counting down the top ten ports in China in 2021.

**Mugharraq Port opens up vessel portfolio following ISPS recognition.** *Port Technology International*. 7 December 2021. Available from: <https://www.porttechnology.org/news/mugharraq-port-opens-up-vessel-portfolio-following-isps-recognition/> AD Ports Group announced that Mugharraq Port, a strategic port located in the Al Dhafra Region, has been recognised as an international port facility.

**Soaring exports unleash increasing workload for Turkish ports.** *Daily Sabah (Turkey)*. 7 December 2021. Available from: <https://www.dailysabah.com/business/economy/soaring-exports-unleash-increasing-workload-for-turkish-ports> Turkey's ports face a major increase in workload as foreign sales continue to soar, revealing one of the brightest sides of the country's strong rebound amid a turbulent year for global trade.

**COSCO Denies Link to Transpacific Cargo Loss Accident.** Mike Schuler. *gCaptain*. 7 December 2021. Available from: <https://gcaptain.com/cosco-denies-link-to-transpacific-cargo-loss-accident/> COSCO Shipping Lines says it is not the operator of the MV COSCO Nagoya which lost dozens of containers overboard in the Pacific Ocean last month.

**Northwest Ports Adopt Plans to Phase Out Maritime Emissions.** *Port of Seattle*. 9 December 2021. Available from: <https://www.portseattle.org/news/northwest-ports-adopt-plans-phase-out-maritime-emissions> The Northwest Seaport Alliance adopted its plan to implement the Northwest Ports Clean Air Strategy following those recently adopted by the Ports of Seattle and Tacoma, enabling each port to identify, prioritize, and focus resources on actions that help achieve their collective zero-emission vision.

**US containerised imports continue to surge as exports languish.** Eric Watkins. *Lloyd's List*. 10 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139241> Containerised imports through leading US ports are on course to end the year with the largest growth and fastest volume on record, but the country's export volumes have languished to reach their lowest number in three years.

**Vanishing Ships Underscore Supply Woe: Crisis Peak Is a Mirage.** Brendan Murray. *gCaptain*. 10 December 2021. Available from: <https://gcaptain.com/vanishing-ships-underscore-supply-woe-crisis-peak-is-a-mirage/> A line of more than 80 container ships waiting to dock at the ports of Los Angeles and Long Beach, California, was cut in half in late November — or so it seemed.

**Gwadar deep sea Port being developed as trans-shipment hub: Zaidi.** *Radio Pakistan*. 10 December 2021. Available from: <https://www.radio.gov.pk/10-12-2021/gwadar-deep-sea-port-being-developed-as-trans-shipment-hub-zaidi> Minister for Maritime Affairs Ali Haider Zaidi says Gwadar deep sea Port is being developed as a trans-shipment hub, which will play an important role in advancing regional trade and economic integration.

**New Orleans port takes delivery of four post-panamax cranes.** *Seatrade Maritime News*. 13 December 2021. Available from: <https://www.seatrade-maritime.com/ports-logistics/new-orleans-port-takes-delivery-four-post-panamax-cranes> The 1,600-tonne cranes are fully electric, with zero diesel emissions, and can reach containerised cargo stacked 20 containers across a ship.



**Port Sector Volumes Bounce Back But Are Increasingly Shaped by Decarbonisation.**

*UK Major Ports Group.* 13 December 2021. Available from: <https://ukmajorports.org.uk/port-sector-volumes-bounce-back-but-are-increasingly-shaped-by-decarbonisation/> After experiencing pandemic-driven challenges through 2020 and early 2021 UK port freight volumes are forecast to bounce back in the period to 2026.

**Past events spur carrier fears of port labor conflict in US.** Daniel Logan. *ShippingWatch.*

16 December 2021. Available from:

<https://shippingwatch.com/carriers/Container/article13564334.ece> US port workers' powerful labor union, the International Longshore and Warehouse Union (ILWU), is to negotiate a new collective agreement with employers in mid-2022, already fanning fears among container lines and other players in the supply chain currently struggling with bottlenecks and long lines of delayed vessels.

## REGULATIONS

**Shipping makes the case for LNG as it calls for clear regulatory framework.** Adis Ajdin.

*Splash 247.com.* 8 November 2021. Available from: <https://splash247.com/shipping-makes-the-case-for-lng-as-it-calls-for-clear-regulatory-framework/> Many of the shipping industry's top brass descended on Glasgow over the weekend to give their verdict on how the industry decarbonises as regulators thrash out climate details at the ongoing COP26 climate summit taking place in Scotland's largest city.

**Regulating grey water: a necessity long overdue.** Wei Chen. *Marine Propulsion & Auxiliary Machinery.*

10 November 2021. Available from: <https://www.rivieramm.com/news-content-hub/regulating-grey-water-a-necessity-long-overdue-68404> As it contains more pollutants than black water, a ship's grey water, collected from galleys, laundries, showers and wash basins, needs immediate attention in international regulations.

**COP26: Countries build green corridors without the IMO.** Declan Bush. *Lloyd's List.*

11 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138809/Preparing-seafarers-for-the-green-transition,plotting-zero-emissions-shipping-routes,and-divisions-over-cutting-carbon-regulations-took-centre-stage-for-shipping-at-the-COP26-Transport-Day>

**Jan 1 deadline for PH ships plan to cut fuel sulphur content.** *PortCalls Asia.*

16 November 2021. Available from: <https://www.portcalls.com/jan-1-deadline-ph-ships-plan-cut-fuel-sulphur-content/> The Maritime Industry Authority (MARINA) is reminding domestic ship owners to submit their ship-specific implementation plan (SIP) on mandatory use of 0.5% mass per mass (m/m) sulphur in fuel oil in compliance with the IMO's sulfur cap policy.

**Top 10 in regulation 2021.** *Lloyd's List.* 22 November 2021. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1138906/Top-10-in-regulation-2021> Shipping in 2021 joined big tech in feeling the extent to which the European Union is the regional regulator to be reckoned with.

**1,000 days to go: making D-2 standard implementation work.** *Ballast Water Treatment Technology.*

6 December 2021. Available from: <https://www.rivieramm.com/opinion/1000-days-to-go-making-d-2-standard-implementation-work-68793> Over four years ago, the ground-breaking Ballast Water Management Convention (BWM Convention) was finally ratified by IMO.

**Regulation: Brussels seeks to bridge GHG emissions governance gap.** Declan Bush.

*Lloyd's List.* 9 December 2021. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1139190> Brussels will decide the shape of the most important regulation facing shipping in 2022, as the IMO on looks on in frustration and gridlock.

**EU members fear contentious fuel limits could drive shipping away.** Declan Bush. *Lloyd's List*. 9 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139240>  
The European Commission's plan to reduce the carbon intensity of ship fuels has had its first grilling by EU member states.

## SALVAGE

**It could take weeks to unload damaged containers from *Zim Kingston* cargo ship.**

Darron Kloster. *Times Colonist (Canada)*. 5 December 2021. Available from: <https://www.timescolonist.com/local-news/stricken-cargo-ship-heads-to-nanaimo-to-offload-damaged-containers-4827568> Removing 60 containers -damaged by fire and rough weather aboard the cargo ship *Zim Kingston* could take up to 12 days and involve multiple -salvage contractors, and safety and regulatory agencies, says the Port of Nanaimo.

**Salvage of *MV Zim Kingston* begins, a first for Port of Nanaimo.** *CHEK News (Canada)*.

14 December 2021. Available from: <https://www.cheknews.ca/the-zim-kingston-salvage-begins-a-first-for-port-of-nanaimo-926773/> 📰 One by one the crumpled, burnt containers of the *Zim Kingston* are carefully offloaded in the port of Nanaimo.

## SEAFARERS

**The bell tolls at sea.** Steven Jones. *Splash 247.com*. 28 October 2021. Available from: <https://splash247.com/the-bell-tolls-at-sea/> Steven Jones, the compiler of the Seafarers Happiness Index, on the collective mood onboard.

**Seafarers call for shipping to set ambitious climate targets now if its future is to be sustainable.** *ITF Seafarers*. 29 October 2021. Available from:

<https://www.itfseafarers.org/en/news/seafarers-call-shipping-set-ambitious-climate-targets-now-if-its-future-be-sustainable> The shipping industry needs to set ambitious targets to help prevent global climate catastrophe, the International Transport Workers' Federation (ITF) cautions in a new position paper launched today. [ITF Position Paper](#) 📄

**The seafarers keeping the supply chain moving aren't getting the vaccines they need.**

Aurora Almendral. *Quartz*. 29 October 2021. Available from: <https://qz.com/2079677/vaccine-issues-for-seafarers-are-worsening-the-supply-chain-crisis/> When the Covid vaccine became available in Smrutiranjana Nanda's home state of Odisha, in India, he took it, getting the first shot in March, and the second in April.

**X-Press Pearl's crew languishes in limbo as wreck removal set to begin in November.**

Jonathan Boonzaier. *TradeWinds*. 31 October 2021. Available from: <https://www.tradewindsnews.com/casualties/x-press-pearls-crew-languishes-in-limbo-as-wreck-removal-set-to-begin-in-november/2-1-1090776> Eight seafarers from an X-Press Feeders containership that sank off Sri Lanka remain in the country, stuck in limbo for more than six months.

**Maritime workers back campaign to reduce shipping emissions to net zero.** *Maritime Union of New Zealand*.

1 November 2021. Available from: <https://www.munz.org.nz/2021/11/01/maritime-workers-back-campaign-to-reduce-shipping-emissions-to-net-zero/> The Maritime Union of New Zealand is backing a global worker-led campaign to reduce emissions in the shipping industry to net zero by 2050.

**Maritime must be safe for women: ITF calls for industry to work with seafarers as assault case reverberates.** *International Transport Workers' Federation (ITF)*. 2 November 2021.

Available from: <https://www.itfglobal.org/en/news/maritime-must-be-safe-women-itf-calls-industry-work-seafarers-assault-case-reverberates> A brave female cadet recently published the horrific experiences of sexual assault she endured on board a vessel while attending the U.S. Merchant Marine Academy.

**China quarantine restrictions add to seafarer woes, despite jump in Covid jab rates.**

Adam Corbett. *TradeWinds*. 2 November 2021. Available from:

<https://www.tradewindsnews.com/ship-management/china-quarantine-restrictions-add-to-seafarer-woes-despite-jump-in-covid-jab-rates/2-1-1092483> The Neptune Declaration's assessment of seafarer wellbeing has shown a slight improvement in the last month as vaccine rates increase.

**Crew stuck on arrested tanker due to red tape, rigid Covid rules.** Harry Papachristou.

*TradeWinds*. 2 November 2021. Available from: <https://www.tradewindsnews.com/tankers/crew-stuck-on-arrested-tanker-due-to-red-tape-rigid-covid-rules/2-1-1092150> A perfect storm of chartering disputes, inflexible Covid rules and slow bureaucracy has left 18 seafarers stuck for months on an idle tanker in Singapore.

**China's zero Covid policy increases crew change woes.** Marcus Hand. *Seatrade Maritime News*.

3 November 2021. Available from: <https://www.seatrade-maritime.com/ship-operations/chinas-zero-covid-policy-increases-crew-change-woes> According to the Neptune Declaration Crew Change Indicator the number of seafarers onboard vessels beyond the duration of their contracts decreased to 7.1% at the start of November compared to 7.9% a month earlier.

**Stella Maris assists crew abandoned in Kenya.** *Stella Maris*. 4 November 2021. Available from:

<https://www.stellamaris.org.uk/stella-maris-assists-crew-abandoned-in-kenya/> Concern is growing for the welfare of 16 crew members on a fishing vessel left abandoned in Mombasa port in Kenya since March this year.

**Global Maritime Forum backs ITF just transition plan in new employer-union climate alliance.**

*ITF Seafarers*. 5 November 2021. Available from: <https://www.itfseafarers.org/en/news/global-maritime-forum-backs-itf-just-transition-plan-new-employer-union-climate-alliance> A clear, common purpose is emerging in the shipping industry for stronger action on climate change ahead of COP26 in Glasgow this week.

**Seafarers exempt from new US vaccination travel requirements.** *Nautilus International*.

5 November 2021. Available from: <https://www.nautilusint.org/en/news-insight/news/seafarers-exempt-from-new-us-vaccination-travel-requirements/> The US has exempted non-cruise seafarers from new rules for international air travel, which require travellers be double-vaccinated.

**Employing women on board ships: a solution to the problem of seafaring shortages.**

Giorgio Carozzi. *MediTelegraph (Italy)*. 6 November 2021. Available from:

<https://www.themeditelegraph.com/en/markets/2021/11/06/news/employing-women-on-board-ships-a-solution-to-the-problem-of-seafaring-shortages-1.40892098> Compared to 2015, the number of women employed on ships has increased by 45% to around 24,000, including 7,300 officers and 16,800 ratings.

**The Next Shipping Crisis: A Maritime Labor Shortage.** Adam Minter. *Bloomberg*.

6 November 2021. Available from: <https://www.bloombergquint.com/gadfly/the-next-shipping-crisis-a-maritime-labor-shortage> There are dozens of ships anchored off the ports of Los Angeles and Long Beach this week, imperiling global supply chains and holiday gifts.

**Fiji, Philippines urged to do more for seafarers.** Christine Rovoi. *Radio New Zealand*.

10 November 2021. Available from: <https://www.rnz.co.nz/international/pacific-news/455384/fiji-philippines-urged-to-do-more-for-seafarers> The International Transport Workers Federation is calling on Fiji and the Philippines to uphold and protect the rights of seafarers.

**Shipowners, workers and UN agencies band together to ensure ‘just’ decarbonisation.**

Matt Coyne. *TradeWinds*. 10 November 2021. Available from:

<https://www.tradewindsnews.com/esg/shipowners-workers-and-un-agencies-band-together-to-ensure-just-decarbonisation/2-1-1096794> Just Transition Maritime Task Force to focus on ensuring seafarers are protected and that green shipping produces benefits globally.

**Delivering on seafarers’ rights and welfare.** *Australian Maritime Safety Authority (AMSA)*.

10 November 2021. Available from: <https://www.amsa.gov.au/news-community/news-and-media-releases/delivering-seafarers-rights-and-welfare> We are pleased to support the work of the Sustainable Shipping Initiative and the Institute for Human Rights and Business, in collaboration with the Rafto Foundation for Human Rights and RightShip, to deliver a Seafarers’ Rights and Welfare Code of Conduct and self-assessment tool for ship owners and operators.

**Seafarers call for fair transition to low-carbon transport.** *Nautilus International*.

11 November 2021. Available from: <https://www.nautilusint.org/en/news-insight/news/seafarers-call-for-fair-transition-to-low-carbon-transport/> Seafarers have joined with other transport workers to call for a fair transition to greener transportation that preserves good quality, well paid jobs.

**Seafarers raise concerns about training required for new green technologies.**

*Nautilus International*. 11 November 2021. Available from: <https://www.nautilusint.org/en/news-insight/news/seafarers-raise-concerns-about-training-required-for-new-green-technologies/> During COP26, Nautilus Champion Allan Dickson conducted a series of polls on LinkedIn asking seafarers about their concerns around the development of green technologies, particularly in regard to the training that will be required to use them.

**Shipping company warns it’s having trouble finding crew to run freighters, threatening further delays.** *Hellenic Shipping News*. 11 November 2021. Available from:

<https://www.hellenicshippingnews.com/shipping-company-warns-its-having-trouble-finding-crew-to-run-freighters-threatening-further-delays/> COVID-19 has taken a toll on shipping crews across the world – and a Hong Kong-based maritime company warns it could cause a lack of seafarers.

**Has Covid-19 pandemic put seafarers in the driver’s seat?** Matt Coyne. *TradeWinds*.

11 November 2021. Available from: <https://www.tradewindsnews.com/ship-management/has-covid-19-pandemic-put-seafarers-in-the-drivers-seat-2-1-1095542> Many predict shipping will go through a labour shortage, but it could give mariners more bargaining power.

**Strategy of Seafarers’ Union of Russia.** Yegor Monakov. *Port News*. 11 November 2021.

Available from: <https://en.portnews.ru/comments/3067/> The pandemic implications in the shipping industry, cancellation of visas for Russian seafarers with the Russian shelf and the Northern Sea Route for only Russian-flagged ships is foreseen by the strategy defined at the 9<sup>th</sup> Congress of the Seafarers’ Union of Russia for the coming 5 years.

**Keyworkers unforgotten: the Solent University pandemic research that gives a voice to seafarers.** Helen Devereux. *Nautilus International*. 11 November 2021. Available from:

<https://www.nautilusint.org/en/news-insight/telegraph/keyworkers-unforgotten-the-solent-university-pandemic-research-that-gives-a-voice-to-seafarers/> A major Solent University study on seafarer wellbeing in the Covid-19 pandemic came to a conclusion in autumn 2021.

**Safety4sea Crew Welfare Survey: Key areas of attention for life onboard during COVID-19.**

Safety4sea. 11 November 2021. Available from: <https://safety4sea.com/wp-content/uploads/print-edition/SAFETY4SEA-Crew-Welfare-Survey-Report-2021/> Amid the COVID-19 pandemic, seafarers work and live under challenging conditions onboard.

**Charterers push for higher vaccination rates among crews.** Matt Coyne. *TradeWinds*.

15 November 2021. Available from: <https://www.tradewindsnews.com/ship-management/charterers-push-for-higher-vaccination-rates-among-crews/2-1-1095554> Most seafarers seem excited to be vaccinated but those who have yet to be jabbed could face problems.

**Shipping firm CEO on what's causing the 'biggest bottlenecks' in global supply chains.**

CNBC (US). 15 November 2021. Available from: [https://www.youtube.com/watch?v=lnaOsaoFb\\_Q](https://www.youtube.com/watch?v=lnaOsaoFb_Q) Improving productivity and working conditions in those areas would depend on countries getting past the Covid-19 pandemic, says Nixon.

**Eyes off the ball.** Michael Grey. *Seatrade Maritime News*. 16 November 2021. Available from: <https://www.seatrade-maritime.com/opinions-analysis/eyes-ball> Michael Grey argues that all the time spent on decarbonisation is taking away from immediate issues such as the treatment of seafarers in the pandemic.

**PH tops global provider of seafarers, officers — UNCTAD.** *Manila Bulletin*. 18 November 2021.

Available from: <https://mb.com.ph/2021/11/18/ph-tops-global-provider-of-seafarers-officers-unctad/> The Philippines was the top provider of seafarers globally followed by three other Asian countries suppliers Indonesia, China and India, according to a report by the United Nations Conference on Trade and Development (UNCTAD).

**Sailors Venture on Land at Packed California Port as Limits Ease.** Augusta Saraiva.

*gCaptain*. 19 November 2021. Available from: <https://gcaptain.com/sailors-venture-on-land-at-packed-california-port-as-limits-ease/> The logjam of ships waiting for a turn to unload their cargo at the U.S.'s busiest container port has left thousands of crew members stuck on board for weeks longer than they'd expected.

**Maersk to transfer I-Kiribati seafarers to Fiji as government stalls on repatriation.** *Human Rights at Sea (HRAS)*. 22 November 2021. Available from:

<https://www.humanrightsatsea.org/2021/11/22/maersk-to-transfer-i-kiribati-seafarers-to-fiji-as-government-stalls-on-repatriation/> As the effort to repatriate a stranded community of I-Kiribati seafarers accelerates, pressure is mounting on the Kiribati government to facilitate the return of its citizens.

**ISWAN looks back on an extraordinary year for seafarers.** *International Seafarers' Welfare and Assistance Network (ISWAN)*. 22 November 2021. Available from:

<https://www.seafarerswelfare.org/news/2021/iswan-looks-back-on-an-extraordinary-year-for-seafarers> With calls and messages to its 24-hour helplines more than tripling last year as a direct result of the COVID-19 pandemic, the International Seafarers' Welfare and Assistance Network has had a unique insight into the challenges faced by seafarers around the world. [ISWAN Annual Review](#)

**Tackling the challenge of recognising seafarer vaccinations.** *Seatrade Maritime News*.

22 November 2021. Available from: <https://www.seatrade-maritime.com/regulation/tackling-challenge-recognising-seafarer-vaccinations> Speaking at Crew Connect Global Virtual Week, Andreas Nordseth, Director General of Danish Maritime Authority, said: "I think there's no doubt I think that long period into 2022 we'll see a lot of challenges."



**Discriminating against Your Own Nationals: The Peculiar Case of New Zealand Seafarers.**

Sofia Galani and Kevin Judkins. *EJIL:Talk! Blog of the European Journal of International Law*.

23 November 2021. Available from: <https://www.ejiltalk.org/discriminating-against-%CF%85our-own-nationals-the-peculiar-case-of-new-zealand-seafarers/> As the Covid-19 vaccine rollout continues across many countries, thousands of people have been able to regain a sense of normality in their daily life and employment.

**Seafarers warn blue economy stakeholders against conmen.** Brian Otieno. *The Star (Kenya)*.

23 November 2021. Available from: <https://www.the-star.co.ke/counties/coast/2021-11-23-seafarers-warn-blue-economy-stakeholders-against-conmen/> The trustees, Atie Swaleh Ramadhan, John Hussein Zappa and Matari Mwinyi, on Monday, said some previous officials have run away with the union's vital documents.

**Repatriation underway for 142 I-Kiribati seafarers, but apprehension lingers for colleagues.**

Abby Williams. *Human Rights at Sea (HRAS)*. 24 November 2021. Available from:

<https://www.humanrightsatsea.org/2021/11/24/repatriation-underway-for-142-i-kiribati-seafarers-but-apprehension-lingers-for-colleagues/> The movement of an internationally displaced community of I-Kiribati seafarers has been expedited by recent travel arrangements, but full repatriation remains tentative for many.

**Stranded in Australia away from family, these Pacific seafarers face a difficult dilemma.**

Stefan Armbruster. *SBS News (Australia)*. 25 November 2021. Available from:

<https://www.sbs.com.au/news/stranded-in-australia-and-away-from-family-these-pacific-seafarers-face-a-difficult-dilemma/573ba6f5-d363-4038-ad64-5d1294f13d6b> As Australia and much of the world reopen their borders, a group of merchant seafarers from the tiny Pacific Island nation of Kiribati remain stranded in Queensland and locked out of their COVID-free country.

**Zero tolerance message from Union on sexual violence at sea.** *Nautilus International*.

25 November 2021. Available from: <https://www.nautilusfederation.org/en/news/zero-tolerance-message-from-union-on-sexual-violence-at-sea/> Nautilus members affected by sexual violence or gender discrimination while at sea have been reminded that they have access to the union's help, in a zero tolerance message marking the United Nations International Day for the Elimination of Violence Against Women.

**Philippines expects negative EMSA STCW report, but confident on action plan.** Marcus Hand.

*Seatrade Maritime News*. 25 November 2021. Available from: <https://www.seatrade-maritime.com/regulation/philippines-expects-negative-ems-stcw-report-confident-action-plan>

The European Maritime Safety Agency's ongoing issues with Philippines seafarer training standards and the STCW Code have hung over the country's crewing industry for a decade and half, but the Maritime Industrial Authority is confident about a new strategic corrective action plan.

**Pandemic brings crew welfare issues to the fore.** Nidaa Bakhsh. *Lloyd's List*. 26 November 2021.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139112/Pandemic-brings-crew-welfare-issues-to-the-fore> Seafarer wellbeing has been brought into the spotlight amid the global pandemic.

**Stranded Kiribati seafarers hope for seasonal work while they wait.** Stefan Armbruster.

*SBS News (Australia)*. 26 November 2021. Available from:

<https://www.sbs.com.au/news/audiotrack/stranded-kiribati-seafarers-hope-seasonal-work-while-they-wait> Merchant seafarers from the tiny Pacific Island nation of Kiribati stranded in Australia say they want to go home but their country's borders are still shut due to COVID.

**The Supply-Chain Crisis Is a Labor Crisis.** Guy Platten. *Asharq Al-Awsat*. 28 November 2021.

Available from: <https://english.aawsat.com/home/article/3328951/guy-platten/supply-chain-crisis-labor-crisis> With prices of gasoline, groceries and more spiking, the United States should take the lead in restoring order to supply chains before it is too late.

**Maritime charity calls for industry-wide collaboration to support the future health of the seafaring community.** *Seafarers Hospital Society*. 29 November 2021. Available from: <https://seahospital.org.uk/maritime-charity-calls-for-industry-wide-collaboration-to-support-the-future-health-of-the-seafaring-community/> Charities, ship owners, charterers and other stakeholders in the maritime industry must work together to create a culture of care in maritime, according to the Seafarers Hospital Society (SHS). Delegates at last Friday's SHS seminar,

**Seychellois seafarers owed payment by EU vessels to get 73 percent of pay.** *Seychelles News Agency*. 29 November 2021. Available from: <http://www.seychellesnewsagency.com/articles/15895/Seychellois+seafarers+owed+payment+by+EU+vessels+to+get++percent+of+pay> Seychellois seafarers who worked on European Union (EU) fishing vessels under previous protocols will receive 73 percent of the requested amount of compensation, said Seychelles' fisheries minister.

**Lowest number of seafarers onboard beyond the expiry of their contracts since May, points Neptune Indicator, but impact of new variants uncertain.** *Global Maritime Forum*. 1 December 2021. Available from: <https://bit.ly/34Gdlcm> The crew-change Indicator is at its lowest since it has been published, pointing to an improvement of the situation and a stably increasing vaccination rate. [Neptune Declaration - Crew Change Indicator - December 2021](#) 📄

**New variant sparks flashback to global crew-change chaos.** Cichen Shen. *Lloyd's List*. 1 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139146> ICS has expressed concerns about potential impact on crew change ahead of Christmas.

**Filipino seafarers stranded for months in China back home.** Joyce Ann L. Rocamora. *Philippine News Agency (PNA)*. 2 December 2021. Available from: <https://www.pna.gov.ph/articles/1161590> Six Filipino seafarers are now back home after getting stranded for at least half a year in southeastern China, the Department of Foreign Affairs (DFA) said Thursday.

**Remember the Seafarers.** Patrick Burnson. *Logistics Management*. 2 December 2021. Available from: [https://www.logisticsmgmt.com/article/remember\\_the\\_seafarers](https://www.logisticsmgmt.com/article/remember_the_seafarers) While there's been much attention paid to how this historic gridlock is altering free markets and private enterprise, there's been scant reporting on the dire conditions for the working crews of these ships.

**Major transport organisations warn governments' knee-jerk reaction to Omicron variant puts supply chain at greater risk.** *International Transport Workers' Federation (ITF)*. 3 December 2021. Available from: <https://www.itfglobal.org/en/news/major-transport-organisations-warn-governments-knee-jerk-reaction-omicron-variant-puts-supply> World leaders' knee-jerk reactions to the Omicron variant are putting transport workers and the global supply chain at greater risk of collapse, warn international transport organisations and unions representing road, air and sea transport.

**Some sailors are getting vaccinated multiple times in an attempt to comply with the different COVID-19 regulations at ports around the world.** Huileng Tan. *Business Insider*. 3 December 2021. Available from: <https://www.businessinsider.com/seafarers-taking-repeat-vaccinations-omicron-spooks-supply-chains-2021-12?r=US&IR=T> Some seafarers are getting vaccinated multiple times in attempt to comply with the different COVID-19 regulations at various ports, as challenges persist for men and women who work on the seas.

**Sailors left unpaid for three months on live cattle export ships off Indonesia.** Ben Butler. *The Guardian*. 4 December 2021. Available from: <https://www.theguardian.com/australia-news/2021/dec/05/sailors-left-unpaid-for-three-months-on-live-cattle-export-ships-off-indonesia> Thirty five sailors were left unpaid for three months while aboard live export cattle ships with poor safety records amid a dispute between the ships' managers and owners, one of whom is Australian businessman Nick Thorne, Guardian Australia can reveal.

**Trust photo exhibition launched to celebrate seafarers' contribution during pandemic.**

*Seafarers' Trust*. 6 December 2021. Available from: <https://www.seafarerstrust.org/news-and-press-releases/news/trust-photo-exhibition-launched-celebrate-seafarers-contribution> The ITF Seafarers' Trust has launched a photo exhibition this week showcasing the experiences of seafarers during the Covid pandemic.

**Vaccination offered to all seafarers on Panama-flagged vessels.**

Michele Labrut. *Seatrade Maritime News*. 6 December 2021. Available from: <https://www.seatrade-maritime.com/ship-operations/vaccination-offered-all-seafarers-panama-flagged-vessels> Some 300,000 doses of Covid-19 vaccine are already available to start the process.

**Sexual assault has no place in the maritime profession; offenders will be held accountable for their actions.**

*US Coast Guard Maritime Commons*. 7 December 2021. Available from: <https://mariners.coastguard.blog/2021/12/07/sexual-assault-has-no-place-in-the-maritime-profession-offenders-will-be-held-accountable-for-their-actions/> Since its founding in 1790, the United States Coast Guard has protected the welfare of mariners.

**Stranded Kiribati sailors find work picking fruit in the Riverland.**

Eliza Berlage. *ABC (Australia)*. 7 December 2021. Available from: <https://www.abc.net.au/news/rural/2021-12-07/stranded-kiribati-sailors-find-fruit-picking-work/100677474> A group of sailors from Kiribati have had a pandemic-induced career change and become fruit pickers in South Australia's Riverland.

**Holy See calls for seafarers' rights to be upheld in address at IMO meeting.**

*All About Shipping*. 8 December 2021. Available from: <https://allaboutshipping.co.uk/2021/12/08/holy-see-calls-for-seafarers-rights-to-be-upheld-in-address-at-imo-meeting/> The Holy See is calling for seafarers' dignity and welfare to be protected and upheld, as concerns continue over unjust treatment and violence at sea.

**New requirements for shipping companies - Norwegian pay and working conditions will most likely become mandatory for seafarers in Norwegian waters.**

Gaute Lunestad. *PwC Norway*. 8 December 2021. Available from: <https://blogg.pwc.no/skattebloggen-en/new-requirements-for-shipping-companies-norwegian-pay-and-working-conditions-will-most-likely-become-mandatory-for-seafarers-in-norwegian-waters> The new Minister of Fisheries and Ocean Policy Bjørnar Skjæran has recently declared that new requirements regarding Norwegian pay and working conditions for seafarers in Norwegian waters will be implemented, regardless of the vessel's flag state.

**Seafarers Heading Home Pose Next Risk to China's Ship Traffic.**

Ann Koh. *Bloomberg*. 10 December 2021. Available from: <https://www.bnnbloomberg.ca/seafarers-heading-home-pose-next-risk-to-china-s-ship-traffic-1.1694178> Chinese seafarers weary of the pandemic are returning home to celebrate the Spring Festival early next year, adding to a shortage of truckers and port workers in the country that's compounding snarls in global supply chains.

**Asian ports reject scores of vaccinated seafarers.**

Tomas Kristiansen. *ShippingWatch*. 10 December 2021. Available from: <https://shippingwatch.com/carriers/article13547930.ece> As one of the world's largest ship management companies, Anglo-Eastern has found that vaccinating even nine out of ten seafarers makes no real difference when it comes to crew changes in Asian ports.

**Seychellois seafarers owed money from EU vessels to be paid by end of December, official says.**

*Seychelles News Agency*. 11 December 2021. Available from: <http://www.seychellesnewsagency.com/articles/15963/Seychellois+seafarers+owed+money+from+EU+vessels+to+be+paid+by+end+of+December%2C+official+says> All Seychellois seafarers who worked on EU vessels and are owed backpay will be paid by the end of December, a top official said.

**Crew member found dead after Danish, British boats collide in Baltic.** Nikolaj Skydsgaard and Johan Ahlander. *Reuters*. 13 December 2021. Available from: <https://www.reuters.com/world/two-cargo-ships-have-collided-baltic-sea-swedish-public-broadcaster-2021-12-13/> One of two Danish crew members missing from a capsized barge has been found dead in the hull after an overnight collision on Monday with a British cargo vessel in a busy Baltic Sea route off Sweden.

**Four X-Press Pearl crew finally allowed home.** Sam Chambers. *Splash 247.com*. 13 December 2021. Available from: <https://splash247.com/four-x-press-pearl-crew-finally-allowed-home/> X-Press Feeders, the owner of the burnt out wreck X-Press Pearl, have reported that a further four former crew members of the vessel have had their travel bans lifted by a Sri Lankan court on Friday and they will now be able to head home, more than six months after the ship blaze destroyed the vessel off the west coast of Sri Lanka.

**UN agencies and other international organizations establish Joint Action Group to protect transport workers and secure supply chains during the COVID-19 pandemic.** *International Labour Organization (ILO)*. 13 December 2021. Available from: [https://www.ilo.org/global/about-the-ilo/newsroom/news/WCMS\\_831672/lang--en/index.htm](https://www.ilo.org/global/about-the-ilo/newsroom/news/WCMS_831672/lang--en/index.htm) The Group will focus on promoting COVID-19 vaccination of transport workers and ensuring the application of internationally agreed protocols and standards.

**Crew Reported Kidnapped in New Incident in Gulf of Guinea.** *Maritime Executive*. 13 December 2021. Available from: <https://www.maritime-executive.com/article/six-crew-reported-kidnapped-in-new-incident-in-gulf-of-guinea> After a seeming lull in attacks of merchant ships in the Gulf of Guinea with the increased international presence in the region, a new attack with a kidnapping was reported today in the same vicinity of other attacks in the region off Equatorial Guinea.


**New Zealand urged to do more for seafarers seeking repatriation.** James Baker. *Lloyd's List*. 13 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139257/New-Zealand-urged-to-do-more-for-seafarers-seeking-repatriation> New Zealand has been accused of failing to properly implement International Maritime Organization resolutions on the repatriation of seafarers due to the country's strict quarantine rules.

**Don't keep your seafarers in the dark. Communicate!** Jonathan Boonzaier. *TradeWinds*. 15 December 2021. Available from: <https://www.tradewindsnews.com/opinion/dont-keep-your-seafarers-in-the-dark-communicate-/2-1-1122453> It is time shipping companies, government authorities and the maritime ecosystem as a whole stop paying lip service to seafarer wellness and do something more worthwhile than blowing horns or pumping out press releases full of platitudes expressing gratitude towards the vital role seafarers play in moving global trade.

**'Sea Fairy' talks of gender revolution on ships.** Yashika F. Torib. *Manila Times*. 15 December 2021. Available from: <https://www.manilatimes.net/2021/12/15/business/maritime/sea-fairy-talks-of-gender-revolution-on-ships/1825935> Shipping has survived and evolved with the ever-changing current of the technological and economic climate of the world.

**EC allows Germany to cut non-wage costs for crew on EU-flagged ships.** Paul Berrill. *TradeWinds*. 15 December 2021. Available from: <https://www.tradewindsnews.com/law/ec-allows-germany-to-cut-non-wage-costs-for-crew-on-eu-flagged-ships/2-1-1127044> The European Commission has approved an update of German regulations to lower non-wage costs for seafarers.




**Strengthening international response and cooperation to address the seafarer crisis and keep global supply chains open during the ongoing COVID-19 pandemic.** *United Nations Conference on Trade and Development (UNCTAD)*. December 2021. Available from: [https://unctad.org/system/files/official-document/presspb2021d9\\_en.pdf](https://unctad.org/system/files/official-document/presspb2021d9_en.pdf)  Border closures, restrictions and other measures taken by countries to contain the spread of the coronavirus disease (COVID-19) have caused large numbers of seafarers – peaking at an estimated 400,000 in September 2020 – to remain stranded at sea, far beyond contract expiration dates and the 11-month maximum period of continuous service on board ships.

## SEARCH & RESCUE


**Save 350 people on sinking boat in Malta rescue zone, urges emergency hotline.** Giulia Magri. *Times of Malta*. 3 November 2021. Available from: <https://timesofmalta.com/articles/view/save-350-people-on-sinking-boat-in-maltese-rescue-zone.912372> An emergency hotline NGO is urging Malta to save 350 people stranded on a sinking boat off Malta, claiming four of them have passed out.

**NGO rescue ship with 800 migrants aboard asks Italy for safe port.** Angelo Amante. *Reuters*. 5 November 2021. Available from: <https://www.reuters.com/world/ngo-rescue-ship-with-800-migrants-aboard-asks-italy-safe-port-2021-11-04/>  German rescue charity Sea-Eye said on Thursday it had asked Italy for a safe port to disembark some 800 migrants it rescued from boats in distress in the central Mediterranean.

**Sea-Eye 4 rescues 800, roughly 1,400 total rescues in recent days.** *InfoMigrants*. 5 November 2021. Available from: <https://www.infomigrants.net/en/post/36262/seaeye-4-rescues-800-roughly-1400-total-rescues-in-recent-days>  The private rescue ship *Sea-Eye 4* has saved a total of more than 800 migrants in the Mediterranean in recent days while other NGO ships and the Italian coast guard rescued nearly 600.

**Italian Coast Guard rescues 550 migrants from stormy seas.** Trisha Thomas and Frances D'emilio. *Associated Press*. 14 November 2021. Available from: <https://apnews.com/article/middle-east-egypt-africa-north-africa-europe-eade3326a1cf1fc91845f15d07226b50> The Italian Coast Guard on Sunday safely brought to shore more than 550 migrants, many of them young men or boys from Egypt, from storm-tossed waters off the southern “toe” of Italy’s mainland, as human traffickers increasingly use a new route.

**NGOs condemn ‘rescue gap’ as 10 migrants die on boat off Libya.** Federica Marsi. *Al Jazeera*. 17 November 2021. Available from: <https://www.aljazeera.com/news/2021/11/17/ngos-decry-rescue-gap-as-10-bodies-found-on-boat-off-libya> Ten people have been found dead in an overcrowded boat carrying migrants and refugees off the coast of Libya, the medical charity Doctors Without Borders (Medecins Sans Frontieres, or MSF) has said, as NGOs warned of a “rescue gap” in the Mediterranean Sea.

**Audio: Libyan Patrol Boat Threatens NGO Vessel During Refugee Ops.** *Maritime Executive*. 22 November 2021. Available from: <https://www.maritime-executive.com/article/audio-libyan-patrol-boat-threatens-ngo-vessel-during-refugee-ops>  In the latest tense exchange between the Libyans and the NGO humanitarian organizations operating in the Mediterranean, a patrol boat is heard threatening one of the rescue vessels.

**17 Rescued From Sinking Bulker in Sea of Japan.** *Maritime Executive*. 2 December 2021. Available from: <https://maritime-executive.com/article/17-rescued-from-sinking-bulker-in-sea-of-japan> The Japan Coast Guard and the South Korean Coast Guard have rescued 17 seafarers from a sinking bulker off the coast of Shimane Prefecture, Japan.



**To migrants in peril on the sea, Spain rescuers extend a hand.** *France 24*. 3 December 2021. Available from: <https://www.france24.com/en/live-news/20211203-to-migrants-in-peril-on-the-sea-spain-rescuers-extend-a-hand> When Spanish rescuers reached the boat drifting off the Canary Islands after days lost at sea, the scene was shocking: they found seven bodies and dozens of survivors, three of whom would later die.

## SHIP RECYCLING

**European owners will sell ships early to avoid scrapping prosecutions, GMS says.** Gary Dixon. *TradeWinds*. 28 October 2021. Available from: <https://www.tradewindsnews.com/esg/european-owners-will-sell-ships-early-to-avoid-scrapping-prosecutions-gms-says/2-1-1089755> Nikos Mikelis warns of wasted investment by Indian recyclers if Hong Kong Convention is not enforced.

**Bangladesh's hazardous shipyards launch race for cleaner, safer future.** Naimul Karim. *Reuters*. 2 November 2021. Available from: <https://reut.rs/3uOlpkK> When Samrat Hossain first started cutting up old ships weighing thousands of tonnes in a southeast Bangladesh shipbreaking yard a decade ago, all he would wear was a cap or a helmet.

**Flags of Convenience and the Hazards of Shipbreaking.** Matthew Baur. *Global Financial Integrity*. 17 November 2021. Available from: <https://gfintegrity.org/flags-of-convenience-and-the-hazards-of-shipbreaking/> Massive cargo ships are all too familiar to those living in big port cities.

**The EU agrees: the recycling of ships is a matter of global environmental justice.** *NGO Shipbreaking Platform*. 1 December 2021. Available from: <https://shipbreakingplatform.org/eu-agrees-shiprecycling-is-a-matter-of-global-environmental-justice/> In its proposal for a new regulation on waste shipments published last week, the European Commission surprised many observers by rejecting their earlier romance with the Hong Kong Convention and return to the Basel Convention's affirmation that the Global South should not become the world's dumping ground for hazardous wastes, even when those wastes are ships.

## SHIPBUILDING & SHIPREPAIR

**Maersk eyes methanol retrofits for some of its large containerships.** Lucy Hine. *TradeWinds*. 1 November 2021. Available from: <https://www.tradewindsnews.com/containerships/maersk-eyes-methanol-retrofits-for-some-of-its-large-containerships/2-1-1091383> Danish liner giant AP Moller-Maersk is looking at retrofitting some of its ships to burn methanol as a way of meeting its decarbonisation targets.

**Wärtsilä's decarbonisation focus emphasised with Approval-in-Principle for GEVs pilot hydrogen vessel.** *Wärtsilä Corporation*. 4 November 2021. Available from: <https://www.wartsila.com/media/news/04-11-2021-wartsila-s-decarbonisation-focus-emphasised-with-approval-in-principle-for-gevs-pilot-hydrogen-vessel-3001446> The technology group Wärtsilä's cooperation with the Australian energy transportation company Global Energy Ventures (GEV) has resulted in GEV successfully obtaining Approval-in-Principle (AiP) for its pilot scale 430 tonne C-H2 Carrier vessel.

**Nuclear-powered ships make waves in Glasgow.** Sam Chambers. *Splash 247.com*. 4 November 2021. Available from: <https://splash247.com/nuclear-powered-ships-make-waves-in-glasgow/> Among the many backers of energy sources lobbying hard in Glasgow this month during COP26, a major international climate summit, proponents of nuclear power are expecting to make inroads with regulators and the general public alike.

**MOL to Start Development of Large-size Ammonia Carrier Powered by Ammonia Fuel.** *Mitsui O.S.K. Lines (MOL)*. 4 November 2021. Available from: <https://www.mol.co.jp/en/pr/2021/21098.html> Mitsui O.S.K. Lines, Ltd. today announced an agreement on the joint development of a large-size ammonia carrier—also powered by ammonia fuel—with Namura Shipbuilding Co., Ltd. and Mitsubishi Shipbuilding Co., Ltd.

**Royal Caribbean Takes Delivery of World's Largest Cruise Ship.** *Maritime Executive*. 4 November 2021. Available from: <https://www.maritime-executive.com/article/world-s-largest-cruise-ship-delivered-and-departing-shipyard> The world's largest cruise ship was quietly delivered to its owners last week and is scheduled to depart the shipyard tomorrow, November 5.

**The evolution of ship design.** *DNV*. 9 November 2021. Available from: <https://www.dnv.com/expert-story/maritime-impact/the-evolution-of-ship-design.html> Maximum efficiency at optimized speeds, sufficient engine power with future-proof propulsion solutions that promise lower emissions – today, when a vessel hits the water, its design has already met a whole matrix of parameters to get to this point.

**Korean, Chinese and Japanese Shipbuilders Racing to Develop Ammonia-powered Vessels.** Michael Herh. *Business Korea (South Korea)*. 10 November 2021. Available from: <http://www.businesskorea.co.kr/news/articleView.html?idxno=80856> Competition is heating up among shipbuilders in Korea, China, and Japan to develop ammonia-powered ships amid growing demand for eco-friendly vessels.

**Global new orders for ships likely to dwindle next year.** Nam Kwang-sik. *Yonhap News Agency (South Korea)*. 18 November 2021. Available from: <https://en.yna.co.kr/view/AEN20211118003300320> Global new orders for ships are predicted to slow down next year compared with this year due to a decrease in orders for container carriers, leading to a drop in new orders of South Korean shipbuilders, industry analysts have said.

**Yara to start operating the world's first fully emission-free container ship.** *Yara International ASA*. 19 November 2021. Available from: <https://www.yara.com/corporate-releases/yara-to-start-operating-the-worlds-first-fully-emission-free-container-ship/> The world's first electric and self-propelled container ship – Yara Birkeland – has departed for its maiden voyage in the Oslo fjord.

**WinGD sets development timeframe for methanol and ammonia engines.** *WinGD*. 23 November 2021. Available from: <https://www.wingd.com/en/news-media/press-releases/wingd-sets-development-timeframe-for-methanol-and-ammonia-engines/> Swiss engine designer WinGD has announced that its engines will be able to run on methanol and ammonia from 2024 and 2025 respectively.

**Kenya banks on new shipyard in push for regional maritime hub.** Anthony Kitimo. *Business Daily (Kenya)*. 24 November 2021. Available from: <https://www.businessdailyafrica.com/bd/corporate/shipping-logistics/kenya-banks-new-shipyard-regional-maritime-hub-3628728> Kenya is eyeing the lucrative shipbuilding and repair business after the completion of a modern shipyard facility at the Kenya Navy Mtongwé base, in Mombasa.


**Damen Shipyards achieves official EU Stage V certification for its Emission Reduction system.** *Damen Shipyards Group*. 25 November 2021. Available from: <https://www.damen.com/insights-center/news/damen-achieves-official-certification-for-emission-reduction-system> Damen has become the first shipyard to achieve official EU Stage V certification for its in-house developed emissions reduction system.

**Hyundai Steel to Replace Its Raw Material Carriers with Eco-friendly Ships.** Michael Herh. *Business Korea (South Korea)*. 25 November 2021. Available from: <http://www.businesskorea.co.kr/news/articleView.html?idxno=82208> Hyundai Steel plans to spearhead carbon reduction by replacing its fleet of raw material carriers with eco-friendly ships.

**Full speed ahead for Russia's new fleet of giant icebreakers.** Thomas Nilsen. *Independent Barents Observer (Norway)*. 26 November 2021. Available from: <https://thebarentsobserver.com/en/arctic/2021/11/full-speed-ahead-russias-new-fleet-giant-icebreakers> The inaugural nuclear-powered icebreaker "Arktika" of project 22220 undergoes acceptance tests at sea, as the "Sibir" is sailing her first round of sea trials.

**'Alternative-fuelled' ships make up 34% of orderbook, Clarksons says.** Dale Wainwright. *TradeWinds*. 26 November 2021. Available from: <https://www.tradewindsnews.com/esg/alternative-fuelled-ships-make-up-34-of-orderbook-clarksons-says/2-1-1106308> Vessels designed to burn alternative fuels account for 34% of the newbuilding orderbook, according to the latest data from Clarksons.

**Debut delivery: World's first dual-fuel LNG battery hybrid PCTC to start trading.** *United European Car Carriers (UECC)*. 29 November 2021. Available from: <https://www.uecc.com/news/2021/november/debut-delivery-world-s-first-dual-fuel-lng-battery-hybrid-pctc-to-start-trading/> UECC has taken delivery of the world's first dual-fuel LNG battery hybrid PCTC that is set to provide significant gains in energy efficiency and emissions reduction as it enters service this year to boost the leading European shortsea ro-ro carrier's bold effort to decarbonise its fleet.

**ESA greenlights Norwegian aid for zero-emission hydrogen vessels.** *EFTA Surveillance Authority (ESA)*. 30 November 2021. Available from: <https://www.eftasurv.int/newsroom/updates/esa-greenlights-norwegian-aid-zero-emission-hydrogen-vessels> The EFTA Surveillance Authority (ESA) has today approved NOK 219 million (EUR 21.73m) in Norwegian state aid for the purchase of two zero-emission hydrogen vessels being developed under the Topeka Nattruten project.  
[Guidelines on State aid for environmental protection and energy 2014–20201](#) 

**Kawasaki Heavy says liquefied hydrogen carrier may leave Japan this month.** Yuka Obayashi. *Reuters*. 3 December 2021. Available from: <https://www.reuters.com/business/energy/kawasaki-heavy-says-liquefied-hydrogen-carrier-may-leave-japan-this-month-2021-12-03/> The world's first liquefied hydrogen carrier could leave Japan for Australia to pick up its first cargo of hydrogen late this month though the return date has yet to be set due to COVID-19, Japan's Kawasaki Heavy Industries Ltd (7012.T) said on Friday.

**Designing the future of our customers' supply chains with carbon-neutral methanol vessels.** Pallo Laursen. *Maersk*. 8 December 2021. Available from: <https://www.maersk.com/news/articles/2021/12/08/designing-the-future-of-our-customers-supply-chains> Today, we introduce the design of our eight groundbreaking and industry-leading 16,000 TEU container vessels powered by carbon-neutral methanol.

**e5 Lab and Mitsubishi Shipbuilding to Provide Design for Standard Hybrid Electric Propulsion Vessel "ROBOSHIP" for Use in a Biomass Fuel Carrier—Project to Support DX for the Coastal Vessel.** *Mitsubishi Heavy Industries*. 14 December 2021. Available from: <https://www.mhi.com/news/211214.html> Tokyo-based firm e5 Lab Inc. and Mitsubishi Shipbuilding Co., Ltd. have agreed to provide the design for "ROBOSHIP," a standard hybrid electric propulsion vessel the two companies are seeking to promote as a vision for the future of ships, for a 499-tonne biomass fuel carrier being built by Honda Heavy Industries Co., Ltd.

## SHIPPING

**Aronnax: Digging into UCL's latest shipping transition thinking.** Craig Eason. *Fathom.World*. 29 October 2021. Available from: <https://fathom.world/aronnax-digging-into-ucls-latest-shipping-transition-thinking/> © Interview with Dr. Alison Shaw and Dr. Domago Baresic of Universtiy College London and University Maritime Advisory Services (UMAS).

**The road to recovery in the marine sector.** Damian Bellairs. *IOL - Independent Online (South Africa)*. 29 October 2021. Available from: <https://www.iol.co.za/news/opinion/the-road-to-recovery-in-the-marine-sector-e2c14831-38cb-4c4c-ad7f-4a5e4738a213> South Africa has an expansive shoreline spanning nearly 3 000 kilometres, which serves as an important trading route for global trade.

**Calls to close gender gap in maritime sector intensify.** *GhanaWeb*. 29 October 2021. Available from: <https://www.ghanaweb.com/GhanaHomePage/business/Calls-to-close-gender-gap-in-maritime-sector-intensify-1390954> More women are needed to take up leadership roles in the maritime sector to help bridge the gender gap and fulfil the fifth sustainable Development Goals (SDGs), stakeholders at the 41<sup>st</sup> Women's International Shipping Trading Association (WISTA) International Conference in Hamburg, Germany, have concluded.

**Shipping must not cop out, even if the UN does.** *Lloyd's List*. 29 October 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138665> Expect a lot of noise, promises, and greenwashing in the two weeks from Sunday, when the COP26 climate conference kicks off in Glasgow, Scotland.

**The Lloyd's List Podcast: Good COP, bad COP.** *Lloyd's List*. 29 October 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138657> © Shipping Podcast with: Felipe Calderón, the former president of Mexico, Nick Mabey, CEO of E3G and the Shipping Lead on the Climate Champions team, Katharine Palmer.

**COP 26: Shipping must halve its emissions by 2030 to save 1.5 degrees.** *Seas at Risk*. 1 November 2021. Available from: <https://seas-at-risk.org/general-news/cop-26-shipping-must-halve-its-emissions-by-2030-to-save-1-5-degrees/> Recent IPCC reports can leave us in no doubt about the seriousness of the climate crisis and just how far the shipping industry has to go to align with the #ParisAgreement's objective of keeping global heating below 1.5 degrees.

**Far from all customers will have access to green container ships in 2040.** Astrid Sturlason. *ShippingWatch*. 1 November 2021. Available from: <https://shippingwatch.com/carriers/Container/article13419972.ece> The demand from society and customers for green shipping is growing ever larger, and as such, container lines cannot wait until 2050 for their green transition.

**Shipping Risks Strain Global Supply Chains.** Andrew Kinsey. *Risk Management*. 1 November 2021. Available from: <http://www.rmmagazine.com/articles/article/2021/11/01/shipping-risks-strain-global-supply-chains> The international shipping industry is responsible for transporting around 90% of all international trade, which has rebounded from the sharp falls experienced during the early parts of the pandemic.

**COP26 opens with call to collaborate on emissions cuts.** Declan Bush. *Lloyd's List*. 1 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138674/> Shipping groups have called on world leaders for help with decarbonisation at the start of the COP26 climate summit in Glasgow.

**Declaration on Zero Emission Shipping by 2050.** *Government of Denmark.* 1 November 2021. Available from: <https://eng.em.dk/media/14312/declaration-on-zero-emission-shipping-by-2050-cop26-glasgow-1-november-2021.pdf> To raise global ambitions on decarbonizing shipping, the Danish Prime Minister presents an initiative at COP26 to ensure political support for an IMO1 target on zero-emission shipping by 2050. [Fact Sheet](#)

**Press Conference: Government of Denmark.** *UN Climate Change Conference UK 2021 (COP26).* 1 November 2021. Available from: <https://unfccc-cop26.streamworld.de/webcast/denmark> Press Conference at the COP26 Denmark Shipping event with the Prime Minister of Denmark and John Kerry, representatives from A.P Moller Maerks and the Marshall Islands.

**Growing coalition of nations demand zero emissions targets for shipping.** Sam Chambers. *Splash 247.com.* 2 November 2021. Available from: <https://splash247.com/growing-coalition-of-nations-demand-zero-emissions-targets-for-shipping/> Denmark, the United States and 12 other countries on Monday at the COP26 climate summit in Glasgow backed a goal to reduce shipping emissions to zero by 2050, something that will come up for discussion later in the month at the International Maritime Organization's Marine Environment Protection Committee gathering.

**European shipowners support commercial operators to bear the costs of EU ETS and call for a sector-dedicated fund.** *European Community Shipowners' Associations (ECSA).* 2 November 2021. Available from: <https://www.ecsa.eu/news/european-shipowners-support-commercial-operators-bear-costs-eu-ets-and-call-sector-dedicated> ECSA published today its policy paper on the EU ETS proposal. European shipowners welcome the increased climate ambition of the 'Fit for 55' package, recognising that the climate crisis is one of the greatest economic and environmental challenges our societies have faced. [ECSA Policy Paper on the EU ETS Proposal](#) [Infographic](#)

**Søren Skou open to raising Maersk's climate targets.** Søren Pico and Astrid Sturlason. *ShippingWatch.* 2 November 2021. Available from: <https://shippingwatch.com/carriers/Container/article13424931.ece> Maersk CEO Søren Skou "certainly won't rule out" that the carrier could present more ambitious climate targets soon.

**Global Methane Pledge to be unveiled at COP26 heaps more pressure on LNG fuel proponents.** Sam Chambers. *Splash 247.com.* 2 November 2021. Available from: <https://splash247.com/global-methane-pledge-to-be-unveiled-at-cop26-heaps-more-pressure-on-lng-fuel-proponents/> Proponents of LNG as shipping's interim future fuel will face another barrage today with the White House the latest institution to go on the attack.

**Poseidon Principles 'won't wait for IMO' to add zero-carbon goal to ship finance.** Paul Berrill. *TradeWinds.* 2 November 2021. Available from: <https://www.tradewindsnews.com/finance/poseidon-principles-wont-wait-for-imo-to-add-zero-carbon-goal-to-ship-finance/2-1-1092421> Leaders of the shipping banks in the Poseidon Principles initiative to boost green lending have ramped up a commitment to aim for zero emissions after the COP26 climate negotiations.

**Supply chain disruption: is the worst over?** Stefano Rebaudo. *Reuters.* 3 November 2021. Available from: <https://www.reuters.com/business/global-markets-supply-pix-2021-11-03/> As companies, investors and policymakers fret over port logjams, freight costs and chip shortages, some indicators are starting to signal that global supply chain stress may be on the wane.



**World Shipping Council calls on the EU to step forward for the global decarbonisation of shipping.** *World Shipping Council*. 3 November 2021. Available from: <https://www.worldshipping.org/news/world-shipping-council-calls-on-the-eu-to-step-forward-for-the-global-decarbonisation-of-shipping> Inclusion of shipping in the EU ETS will encourage shipping's journey towards decarbonisation, but EU action threatens to undermine broader international progress if the ETS extends outside of the EU, says World Shipping Council (WSC).  
[EU ETS – the WSC Perspective](#)

**Locals leading the charge to electrify marine sector.** Nelson Bennett. *Business in Vancouver (Canada)*. 3 November 2021. Available from: <https://biv.com/article/2021/11/locals-leading-charge-electrify-marine-sector> Shipping generates more greenhouse gas (GHG) emissions globally than flying does.

**'Significant long term' R&D investments needed to reach zero-carbon emissions, says ICS and Ricardo report.** *International Chamber of Shipping (ICS)*. 3 November 2021. Available from: <https://www.ics-shipping.org/press-release/significant-long-term-rd-investments-needed-to-reach-zero-carbon-emissions-says-ics-and-ricardo-report/> A massive scaling up of finance for research and development is essential to achieve zero carbon emissions by 2050, says report by ICS and global engineering, environmental and strategic consultancy Ricardo.  
[A zero emission blueprint for shipping](#)

**"Achieving 2050 zero-emission shipping: Global challenges require global solutions".** *International Association of Dry Cargo Shipowners (INTERCARGO)*. 4 November 2021. Available from: [https://www.intercargo.org/wp-content/uploads/2021/11/INTERCARGO-MEDIA-RELEASE\\_04\\_11\\_2021-1.pdf](https://www.intercargo.org/wp-content/uploads/2021/11/INTERCARGO-MEDIA-RELEASE_04_11_2021-1.pdf) As the world considers the harsh realities highlighted by COP26, INTERCARGO warns that shipowners can deliver the target of net-zero emission shipping by 2050 but only with an acceleration in the commercial development of relevant technologies, fuels, propulsion systems and related infrastructure.

**Japan shipping majors aligned on green goals.** Cichen Shen. *Lloyd's List*. 4 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138718/> Japan's leading shipping groups have aligned their decarbonisation targets to reach net-zero greenhouse gas emission by 2050.

**US Views on Shipping's Voyage to Zero Carbon Presented at COP26 Event.** *gCaptain*. 4 November 2021. Available from: <https://gcaptain.com/us-views-on-shippings-voyage-to-zero-carbon-presented-at-cop26-event/> An excellent three-day meeting on the south side of the Clyde (with some virtual participation, as well), dubbed ShipZero, organized by ZESTAs (Zero Emissions Ship Technology Association) included discussions of broad decarbonization policy issues- always with a maritime focus, finance- also related to the big question of "who's going to pay?" and, of course, technologies for alternative fuels (and even non-fuels, like batteries, kites and sails).

**COP26: Shipping's climate cash conundrum.** Richard Meade. *Lloyd's List*. 5 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138726/> The COP26 summit in Glasgow may be awash with green finance, or at least the pledges of green finance to come, but shipping is struggling to attract sufficient investment to scale zero-carbon technology.

**Message to Ms Thunberg: Shipping's getting there slowly.** *Lloyd's List*. 5 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138746/> Some 14 countries now back a demand for zero-emission shipping by 2050, and 50 want to see an IMO climate change levy.

**Short-term measures to cut emission across Malaysian shipping fleet.** Ayisy Yusof. *New Straits Times (Malaysia)*. 5 November 2021. Available from:

<https://www.nst.com.my/business/2021/11/742798/short-term-measures-cut-emission-across-malaysian-shipping-fleet> Malaysian shipowners are firing on all cylinders to address the pressing need to reduce emission across their vessel fleet, according to industry players.

**ABS boss says class can keep pace in race to cut carbon.** Adam Corbett. *TradeWinds*.

8 November 2021. Available from: <https://www.tradewindsnews.com/regulation/abs-boss-says-class-can-keep-pace-in-race-to-cut-carbon/2-1-1094635> Christopher Wiernicki says decarbonisation and digitalisation are reshaping shipping — and the classification business must change with it.

**To reach net zero, we must decarbonise shipping. But two big problems are getting in the way.** Peter van Duyn. *The Conversation*. 8 November 2021. Available from:

<https://theconversation.com/to-reach-net-zero-we-must-decarbonise-shipping-but-two-big-problems-are-getting-in-the-way-170464> Shipping, which transports 90% of the world's trade, contributes nearly 3% of global emissions – a little more than the carbon footprint of Germany.

**COP26: sailing into sync with global ambitions.** Knut Ørbeck-Nilssen. *Splash 247.com*.

8 November 2021. Available from: <https://splash247.com/cop26-sailing-into-sync-with-global-ambitions/> COP26, taking place in Glasgow for another week, is being heralded as the “last chance for the planet”.

**Shipping industry told LNG ‘will not take us to zero’.** Declan Bush. *Lloyd's List*.

8 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138752> Shipping should not capture carbon in synthetic fuels only to release it again, Torvald Klaveness chief executive Lasse Kristoffersen tells ICS conference in Glasgow.

**COP26 in Glasgow: Shipping to tighten its climate-protection targets – German Shipowners' Association one of the drivers behind proposal.** *Cyprus Shipping News*. 8 November 2021.

Available from: <https://cyprussshippingnews.com/2021/11/08/cop26-in-glasgow-shipping-to-tighten-its-climate-protection-targets-german-shipowners-association-one-of-the-drivers-behind-proposal/> Strives for climate neutrality already by 2050 / International Chamber of Shipping submits proposal to IMO.

**Hide-and-seek with carbon: gas vs alternatives.** Vitaly Chernov. *Port News*. 8 November 2021.

Available from: <https://en.portnews.ru/comments/3063/> Liquefied natural gas (LNG) earlier considered as the optimal alternative to meet the environmental standards for marine fuels is now viewed only as a transition solution.

**Carriers face difficult balancing act in energy transition.** Tomas Kristiansen. *ShippingWatch*.

8 November 2021. Available from: <https://shippingwatch.com/regulation/article13441853.ece> A number of carriers have launched into a bet on certain alternative fuels without knowing if there is enough green energy once the ships hit the water.

**COP26: Familiar faces and familiar problems as industry has its day in Glasgow.** Declan Bush. *Lloyd's List*. 8 November 2021. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1138761/> Carbon levies, the case for LNG, and supporting a net-zero target were all on the agenda at the International Chamber of Shipping event.

**Asian shipowners fire broadside at European ETS plans.** Sam Chambers. *Splash 247.com*.

9 November 2021. Available from: <https://splash247.com/asian-shipowners-fire-broadside-at-european-ets-plans/> Further proof of the bitter fault lines emerging in the global green governance of shipping emerged today with an uncharacteristically strongly worded missive from the Asian Shipowners' Association, hitting out at the European Union's plan to include shipping in the bloc's emissions trading scheme (ETS).

**COP26 may be blah, blah, blah. But for shipping, that's a huge shift.** Julian Bray. *TradeWinds*. 9 November 2021. Available from: <https://www.tradewindsnews.com/opinion/cop26-may-be-blah-blah-blah-but-for-shipping-thats-a-huge-shift/2-1-1094932> From Paris 2015 to Glasgow today is just six years, but for shipping's approach to decarbonisation it seems a lifetime, with an era-defining change in attitude.

**COP 26: Clydebank Declaration for green shipping corridors.** *UK Government*. 10 November 2021. Available from: <https://www.gov.uk/government/publications/cop-26-clydebank-declaration-for-green-shipping-corridors> States will support the establishment of green shipping corridors globally under the Clydebank Declaration launched at COP26. [Declaration](#)

**Transoceanic 'green corridors' could become reality within a few years.** Tomas Kristiansen. *ShippingWatch*. 10 November 2021. Available from: <https://shippingwatch.com/regulation/article13450529.ece> In an attempt to establish necessary infrastructure and access to alternative fuels, 'green corridors' on crucial ocean lanes could become a reality.

**The Course to Zero: Developing Ambition in Maritime Decarbonisation.** *UK Government and UN Climate Change Conference UK 2021*. 10 November 2021. Available from: <https://www.youtube.com/watch?v=n2igayePJGA> The UK Government will host the Secretary-General of the IMO, Mr Kitack Lim and other distinguished guests, for a discussion about action at the IMO to decarbonise international shipping, the UK's ambition for zero-emissions shipping by 2050, and the importance of developing states in the transition.

**Countries at COP26 launch plan for net-zero shipping lanes.** Jonathan Saul and Elizabeth Piper. *Reuters*. 10 November 2021. Available from: <https://www.reuters.com/business/cop/countries-agree-create-green-shipping-lanes-pursuit-zero-carbon-2021-11-10/> A coalition of 19 countries including Britain and the United States on Wednesday agreed to create zero emissions shipping trade routes between ports to speed up the decarbonisation of the global maritime industry, officials involved said.

**Inuit leader at COP26 calls for Arctic shipping to be cleaned up.** David Lohead. *Nunatsiaq News Online (Canada)*. 10 November 2021. Available from: <https://nunatsiaq.com/stories/article/inuit-leader-at-cop26-calls-for-arctic-shipping-to-be-cleaned-up/> As representatives from countries and organizations around the world have descended into Glasgow, Scotland, to address climate change, Lisa Koperqualuk took to the stage at the summit to speak about an issue that particularly affects the Canadian Arctic: black carbon.

**Shipping containers can't be emptied and refilled fast enough to keep up with demand.** Jackie Northam. *National Public Radio (US)*. 10 November 2021. Available from: <https://www.npr.org/2021/11/10/1054428143/shipping-containers-cant-be-emptied-and-refilled-fast-enough-to-keep-up-with-dem> Shipping containers aren't much more than steel boxes. But they have become increasingly valuable during the worldwide supply chain crisis.

**What's Missing From Big Cruise's New Climate Action Goals?** Lebewit Lily Girma. *Skift*. 11 November 2021. Available from: <https://skift.com/2021/11/11/whats-missing-from-big-cruises-new-climate-action-goals/> On the heels of global tourism's leading organizations announcing a collective climate commitment at COP26, the cruise sector said that it also continues to make progress in environmental efforts.

**Planes, Trains and Automobiles Are Cutting Emissions. Will Big Ships Do It Too?** Aryn Baker. *Time*. 11 November 2021. Available from: <https://time.com/6116582/shipping-cop26-emissions/> At COP26 this year, the climate advocacy organization Arctic Basecamp had a four-ton piece of glacier shipped from Greenland to Glasgow in what was supposed to be a visual reminder of what Arctic warming means for the planet.

**MHI to Participate in “CO2LOS III” Project, Aiming to Achieve Business in CO2 Shipping—Collaboration with Major European CCUS Players and Research Organizations Will Advance CCUS Value Chain Business.** *Mitsubishi Heavy Industries*. 11 November 2021. Available from: <https://www.mhi.com/news/21111103.html> Mitsubishi Heavy Industries, Ltd. (MHI) will participate in “CO2LOS III” (CO2 Logistics by Ship Phase III), a project to consider issues needing to be addressed in order to achieve business in liquefied CO2 (LCO2) carriers.

**Shipping groups launch climate change task force.** Anastassios Adamopoulos. *Lloyd’s List*. 11 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138802/> The world’s biggest shipowners and seafarers groups have joined forces to launch a task force that will focus on preparing the workforce for the energy transition in shipping.

**The shipping carryouts from COP26.** Sam Chambers. *Splash 247.com*. 12 November 2021. Available from: <https://splash247.com/the-shipping-carryouts-from-cop26/> From the chilly, grey surroundings of Glasgow, the United Nations packs up its climate summit, COP26, today, ready to head to the sunnier climes of Sharm el-Sheik on the Red Sea next year.

**How Iran’s shadow war is affecting shipping.** Ilaria Grasso Macola. *ShipTechnology*. 12 November 2021. Available from: <https://www.ship-technology.com/features/how-irans-shadow-war-is-affecting-shipping/> The *Mercer Street* and *Asphalt Princess* incidents have once again brought the shadow war at sea between Iran and Israel into the spotlight.

**Editor’s Selection: Decarbonisation moves heat up as COP26 puts focus on climate change.** Julian Bray. *TradeWinds*. 12 November 2021. Available from: <https://www.tradewindsnews.com/opinion/edi-tors-se-lec-tion-de-car-bon-i-sa-tion-moves-heat-up-as-cop26-puts-fo-cus-on-cli-mate-change/2-1-1098142> Ship-ping was omitted from the of-fi-cial agen-da at this week’s cli-mate change talks in Glas-gow, but that did not slow the tid-al wave of in-dus-try and gov-ern-ment in-itia-tives to ac-cel-er-ate ship-ping’s en-ergy tran-si-tion.

**The shipping industry faces a climate crisis reckoning – will it decarbonize?** Maddie Stone. *The Guardian*. 12 November 2021. Available from: <https://www.theguardian.com/environment/2021/nov/12/shipping-industry-climate-crisis-reckoning> In August, Maersk, the world’s largest shipping company, announced that it would add eight new container ships to its fleet that would be unlike any merchant vessels operating on the high seas today.

**The Lloyd’s List Podcast: A fair COP? Where climate talks leave shipping.** *Lloyd’s List*. 12 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138815> Ⓒ Those representing shipping at the COP26 climate talks have left broadly optimistic about some progress amid the hot air and greenwashing, but the litmus test will be what happens when the IMO begins its discussions on climate once the circus has moved on from Glasgow.

**Shipping companies feel the heat as investors shun coal.** Jonathan Saul and Simon Jessop. *Reuters*. 12 November 2021. Available from: <https://www.reuters.com/business/energy/shooting-messenger-shipping-carries-can-investors-shun-coal-2021-11-12/> Shipping companies that transport the world’s coal are in the crosshairs of some financial backers who are cleaning up their businesses in the absence of a truly global drive by nations to renounce the dirtiest fossil fuel.

**COP26: An omen of what’s to come at shipping’s next climate showdown.** Declan Bush and Anastassios Adamopoulos. *Lloyd’s List*. 12 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138832/> Climate meetings such as the COP26 summit are hyped as a chance for sweeping global action, but they seldom produce it.



**COP26 outcome could strengthen Brussels' role in shipping's climate efforts.** *ShippingWatch*. 15 November 2021. Available from: <https://shippingwatch.com/regulation/article13464641.ece>  
Judging from the reactions that have emerged in the wake of the UN climate summit COP26, it can drily be summed up that many had hoped for more action.

**Fragmented voice of shipping fails in climate change challenge.** David Glass. *Seatrade Maritime News*. 15 November 2021. Available from: <https://www.seatrade-maritime.com/environmental/fragmented-voice-shipping-fails-climate-change-challenge> Indeed, the shipowning community is so fragmented its voice is no longer being heard either inside the IMO or outside it was a clear message to emerge from the Greener Shipping Summit held in Athens last week.

**Transition to zero-emission ships could take decades.** Cichen Shen. *Lloyd's List*. 15 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138844/>  
Replacing the current merchant fleet of 100,000 vessels with zero-emission tonnage may not be complete until the 2040s, according to Danish Ship Finance.

**The pandemic economy's latest victim? The lowly shipping container.** Jackie Northam. *National Public Radio (US)*. 16 November 2021. Available from: <https://www.npr.org/2021/11/16/1055131668/shipping-container-demand-supply-chain-delay?t=1637146939918> Ah, the unassuming shipping container. It's really nothing more than a big steel box with a couple of doors.

**Shipping 'needs to get on and do stuff' to meet COP26 challenge.** Eric Priante Martin and Julian Bray. *TradeWinds*. 16 November 2021. Available from: <https://www.tradewindsnews.com/esg/shipping-needs-to-get-on-and-do-stuff-to-meet-cop26-challenge/2-1-1098783> The COP26 climate-change conference that concluded in Glasgow presents a challenge for regulators and shipping industry stakeholders: turning a series of broadly worded pronouncements and targets into concrete actions.

**Top 10 flag states 2021.** *Lloyd's List*. 16 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138531/> Ship registrations to Panama grew 1.6% over the year to almost 239m gt, despite challenges posed by the pandemic.


**Shipping and aviation plan to go net zero. How?** *GreenBiz*. 16 November 2021. Available from: <https://www.greenbiz.com/article/shipping-and-aviation-plan-go-net-zero-how> October saw a seismic shift, with the global maritime shipping and aviation industries both committing to move to net zero by 2050.

**IUMI releases its 2021 analysis of the global marine insurance market (IUMI Stats).** *International Union of Marine Insurance (IUMI)*. 16 November 2021. Available from: <https://iumi.com/news/press-releases/iumi-releases-its-2021-analysis-of-the-global-marine-insurance-market-iumi-stats> The report presents a range of statistical data from a variety of sources, including IUMI's own data, to provide an insight into the marine insurance market within the context of global trade and shipping. [IUMI STATS 2021](#)

**Maersk continues investigation into sexual assault claims.** Idha Toft Valeur. *ShippingWatch*. 17 November 2021. Available from: <https://shippingwatch.com/carriers/article13473677.ece>  
Maersk continues its investigation into the claims of a sexual assault that transpired on board a Maersk vessel.

**New deal to decarbonise shipping isn't enough – here's how global trade can reach net-zero.** Wim Naudé. *The Conversation*. 17 November 2021. Available from: <https://theconversation.com/new-deal-to-decarbonise-shipping-isnt-enough-heres-how-global-trade-can-reach-net-zero-171978> Much of the world has been left disappointed by the Glasgow Climate Pact, the outcome of the COP26 climate conference.



**New insight brief discusses policy options for closing the competitiveness gap between fossil and zero-emission fuels in shipping.** *University Maritime Advisory Services (UMAS).* 17 November 2021. Available from: <https://www.u-mas.co.uk/new-insight-brief-discusses-policy-options-for-closing-the-competitiveness-gap-between-fossil-and-zero-emission-fuels-in-shipping/> The insight brief is in advance of the full report to be released next month, which considers the extent to which different measures can close the competitiveness gap and how they could enable an equitable transition. [Insight Brief](#) 

**Cost to fully decarbonise shipping close to price of meeting IMO target — UMAS.** Declan Bush. *Lloyd's List.* 17 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138904/> Fully decarbonising shipping would require a carbon price just \$18 a tonne higher than that needed to halve emissions by 2050, according to researchers.

**Maritime trade weathers COVID-19 storm but faces far-reaching knock-on effects.** *United Nations Conference on Trade and Development (UNCTAD).* 18 November 2021. Available from: <https://unctad.org/news/maritime-trade-weathers-covid-19-storm-faces-far-reaching-knock-effects> The COVID-19 pandemic's impact on maritime trade volumes in 2020 was less severe than initially expected but its knock-on effects will be far-reaching and could transform maritime transport, according to UNCTAD's [Review of Maritime Transport 2021](#) 

**Asia expands its lead in maritime trade and business.** *United Nations Conference on Trade and Development (UNCTAD).* 18 November 2021. Available from: <https://unctad.org/news/asia-expands-its-lead-maritime-trade-and-business> Asia's predominance in global maritime trade strengthened in 2020, as it maintained a 41% share of total goods loaded, increased its volume of goods discharged and remained the largest seafarer supply region in the world, according to UNCTAD's [Review of Maritime Transport 2021](#) published on 18 November.

**AfCFTA could boost maritime trade in Africa.** *United Nations Conference on Trade and Development (UNCTAD).* 18 November 2021. Available from: <https://unctad.org/news/afcfta-could-boost-maritime-trade-africa> UNCTAD's [Review of Maritime Transport 2021](#) points to positive trends in maritime trade that might sustain economic growth in Africa, notably the entry into force of the African Continental Free Trade Area (AfCFTA) and the potential of technology to facilitate the continent's trade and transport.

**COVID-19 lowers maritime freight in Latin America and the Caribbean.** *United Nations Conference on Trade and Development (UNCTAD).* 18 November 2021. Available from: <https://unctad.org/news/covid-19-lowers-maritime-freight-latin-america-and-caribbean> Maritime freight loaded and discharged in Latin America and the Caribbean is estimated to have fallen by 3.4% between 2019 and 2020, according to UNCTAD's [Review of Maritime Transport 2021](#) published on 18 November.

**High rates and Covid will slow shipping trade for years, says UNCTAD.** Paul Berrill. *TradeWinds.* 18 November 2021. Available from: <https://www.tradewindsnews.com/insight/high-rates-and-covid-will-slow-shipping-trade-for-years-says-unctad/2-1-1099244> Growth in maritime trade is set to slow significantly again over the next four years from knock-on effects of the Covid-19 pandemic with the economic recovery further blunted by high freight rates, a report by the United Nations' trade body has forecast.

**Small carbon price gap between IMO target and 100pc cut.** *Argus Media.* 18 November 2021. Available from: <https://www.argusmedia.com/en/news/2275158-small-carbon-price-gap-between-imo-target-and-100pc-cut> The carbon price needed to decarbonise shipping fully by 2050 would only be "slightly higher" than that needed to reach the International Maritime Organisation's (IMO's) current target of 50pc emissions cuts, according to a recent report.

**V. Group Joins Forces with Mærsk Mc-Kinney Møller Center.** Rene Kofod-Olsen.

*Maritime Executive*. 18 November 2021. Available from: <https://www.maritime-executive.com/corporate/v-group-joins-forces-with-maersk-mc-kinney-moeller-center> Global Ship management company V. Group has reinforced its commitment to decarbonisation of the shipping industry by launching a dedicated 'Sustainability & Decarbonization' department and entering a strategic partnership with Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping.

**Stolt Tankers Reduces Annual CO2 Emissions by 6%.** *Stolt-Nielsen*. 18 November 2021.

Available from: <https://www.stolt-nielsen.com/en/media/stolt-tankers-reduces-annual-co2-emissions-by-6/> Latest figures show that Stolt Tankers has reduced its fuel consumption by 6% compared to 2020.

**Infinity: The future of maritime finance?** *Lloyd's Register*. 18 November 2021. Available from:

<https://www.lr.org/en/latest-news/infinity-the-future-of-maritime-finance/> The seed for Infinity Maritime was planted when some dyed in the wool maritime movers and shakers met a number of fintech and digital experts.

**Anglo American shipping chief: 'We need to shift the dial now'.** Holly Birkett. *TradeWinds*.

19 November 2021. Available from: <https://www.tradewindsnews.com/bulkers/anglo-american-shipping-chief-we-need-to-shift-the-dial-now/2-1-1097187> Of all the major dry bulk shippers, miner Anglo American has perhaps been the most ambitious in its trials of low and zero-carbon vessel propulsion.

**Business and (some) governments emerge as new agents of shipping's climate change.**

*Splash 247.com*. 19 November 2021. Available from: <https://splash247.com/business-and-some-governments-emerge-as-new-agents-of-shippings-climate-change/> The International Chamber of Shipping event Shaping the Future of Shipping may not be a date that signalled a turning point in thinking within shipping and its approach to decarbonisation.

**Is shipping the right scapegoat for the R&D fund?** *Fathom.World*. 19 November 2021.

Available from: <https://fathom.world/is-shipping-the-right-scapegoat-for-the-rd-fund/> In this opinion piece Saleem Alavi raises the question whether all shipowners should be expected to pay for technology firms' decarbonisation R&D.

**Maersk issues first green bond to fund first green methanol vessels.** *Maersk*.

19 November 2021. Available from: <https://www.maersk.com/news/articles/2021/11/19/maersk-issues-first-green-bond-to-fund-first-green-methanol-vessels> Maersk (Maersk) has launched its Green Finance Framework designed to allow the company to issue a variety of sustainable financing instruments which may include bonds, loans, project finance and other instruments.

**China's Oct clean marine fuel exports rise 22.6% from year earlier.** *Reuters*. 22 November 2021.

Available from: <https://www.reuters.com/markets/asia/chinas-oct-clean-marine-fuel-exports-rise-226-year-earlier-2021-11-21/> China's exports of clean marine bunker, also known as very low-sulphur fuel oil (VLSFO), rose 22.6% in October from a year earlier, as the price gap between Zhoushan and Singapore narrowed and refiners acquired new export quotas.

**Shipping Expected to Do its Part to Reduce Emissions.** Nikos Roussanoglou. *Hellenic Shipping*


*News*. 22 November 2021. Available from: <https://www.hellenicshippingnews.com/shipping-expected-to-do-its-part-to-reduce-emissions/> According to Gibson, "for the tanker industry another important, but not legally binding, agreement was to accelerate the uptake of net zero emission vehicles and work towards all sales of new cars and vans being net zero emissions globally by 2040 and by no later than 2035 in leading markets.

**NAPA analysis shows EEXI would lead to a 6.6% cut in emissions, demonstrating the scale of the challenge to reach IMO goals.** *Napa Group (Napa Ltd)*. 22 November 2021. Available from: <https://www.napa.fi/news/napa-analysis-on-eexi-impact/> NAPA, the leading maritime software, services, and data analysis provider, has shared the preliminary results of its new research that explores the potential effect of EEXI (The Energy Efficiency Index for Existing Ships) on the transportation capacity, total emissions and carbon intensity of the global bulk carrier fleet.

**It's time for maritime transport to get on board with climate action.** Josh Lowell. *Ceres*. 22 November 2021. Available from: <https://www.ceres.org/news-center/blog/its-time-maritime-transport-get-board-climate-action> Despite the fact that global maritime activity is responsible for nearly 3% of the world's carbon emissions — or about as much as the country of Germany — the shipping industry has been a clear laggard when it comes to climate action.

**Firing Dorsman has left ECSA with a void.** Tomas Kristiansen. *ShippingWatch*. 22 November 2021. Available from: <https://shippingwatch.com/regulation/article13486983.ece> An extended period of dissatisfaction among European shipping associations ended up leading to the immediate dismissal of Martin Dorsman, who until October held the position of secretary general of the European Community Shipowners' Association (ECSA).


**Solomon Islands urges shipping to back net zero target by 2050.** Anastassios Adamopoulos. *Lloyd's List*. 22 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138936> Governments should support a new pledge to achieve net zero emissions from international shipping by 2050 or risk sending a damaging message, according to officials representing a country that is highly vulnerable to climate change.

**Top 10 Ship Owning Nations.** *VesselsValue*. 23 November 2021. Available from: <https://blog.vesselsvalue.com/top-10-ship-owning-nations/> Please note: January 2021 total fleet values in the Top 10 Ship Owning Nations now include Vehicle Carriers, RoRos and Cruise Ships. [Infographic](#) 

**How the world's big shipping lines are spending their pandemic profits.** Nicolás Rivero. *Quartz*. 23 November 2021. Available from: <https://qz.com/2093954/how-big-shipping-lines-are-spending-their-pandemic-profits/> The world's largest shipping lines are reaching the peak of their most profitable run in history.

**Completely white and just one in four women: Shipping bosses need to reflect the real world.** Heidi Heseltine. *Lloyd's List*. 23 November 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1138979/> One hundred per cent white and only a quarter women; such are the demographics of executive-level management at the nine sizeable shipping companies who participated in a survey of shore-based maritime employees.

**The worst is over for global supply chains, but shipping association says industry faces lingering issues.** Yen Nee Lee. *CNBC (US)*. 23 November 2021. Available from: <https://www.cnbc.com/2021/11/24/worst-is-over-in-global-supply-chain-disruptions-shipping-association.html>  The worst of global supply chain disruptions is over, said Esben Poulsen, chairman of the International Chamber of Shipping.

**Sustainable maritime fuels 'Fit for 55' package: the FuelEU Maritime proposal.** *European Parliamentary Research Service (EPRS)*. 23 November 2021. Available from: <https://bit.ly/3HRmwos>  In July 2021, the European Commission put forward the 'fit for 55' package of legislative proposals, aimed at ensuring the success of the European Green Deal.

**Climate crisis and the future of shipping.** Carlos Salinas. *Manila Times*. 24 November 2021.

Available from: <https://www.manilatimes.net/2021/11/24/business/maritime/climate-crisis-and-the-future-of-shipping/1823345> “We think of climate change as slow, but it is unnervingly fast. We think of the technological change necessary to avert it as fast-arriving, but unfortunately, it is deceptively slow — especially judged by just how soon we need it.”

**Methanol’s growing traction as alternative shipping fuel.** Stergios Zacharakis. *S&P Global Platts*.

25 November 2021. Available from: <https://www.spglobal.com/platts/en/market-insights/blogs/petrochemicals/112421-methanol-shipping-bunker-fuel-decarbonization-renewable> Among the mix of possible alternative fuels available for marine use, methanol—a chemical building block for hundreds of everyday products—is fast emerging as an attractive option for shipping companies looking to reduce their carbon footprint and meet sector-wide emissions targets.

**Podcast: In Conversation with DNV and the Global Centre for Maritime Decarbonisation.**

*Seatrade Maritime News*. 25 November 2021. Available from: <https://bit.ly/36aauZj> Seatrade Maritime News Editor Marcus Hand is in conversation with Prof Lynn Loo, CEO of the GCMD, and Cristina Saenz de Santa Maria, Regional Manager South East Asia, Pacific and India, Maritime for DNV, one of the founding partners of the centre.

**Dutch green shipping fund launches.** Sam Chambers. *Splash 247.com*. 26 November 2021.

Available from: <https://splash247.com/dutch-green-shipping-fund-launches/> Dutch ship finance specialists PROW Capital have launched a €420m (\$471m) green shipping fund that provides credit to shipowners for investments in new and existing vessels or retrofits that demonstrate measurable emissions reductions.

**Schedule reliability continues to be under 40% in 2021.** *Sea-Intelligence*. 29 November 2021.

Available from: <https://www.sea-intelligence.com/press-room/108-schedule-reliability-continues-to-be-under-40-in-2021> Sea-Intelligence has published issue 123 of the Global Liner Performance (GLP) report, with schedule reliability figures up to and including October 2021.

**Climate Commitments: Decarbonizing Shipping Starts with Action.** *Global Maritime Forum*.

1 December 2021. Available from: <https://www.globalmaritimeforum.org/news/climate-commitments-decarbonizing-shipping-starts-with-action> There is strong agreement in the maritime sector that shipping must and can decarbonize by 2050 and by 2030 have commercially viable zero emission vessels operating deep-sea routes and reach at least 5% scalable zero emission fuels in international shipping.

**What it will take to make the world’s ships run on time.** James Stavridis. *Economic Times (India)*.

1 December 2021. Available from: <https://bit.ly/3GTgz9o> Shippers’ margins on time and cost are thin, and their crews are incredibly small, often not adequately trained or sufficiently compensated.

**Shipping industry is pressured to cut pollution caused by merchant fleet.** Jackie Northam.

*National Public Radio (US)*. 1 December 2021. Available from: <https://www.npr.org/2021/12/01/1060382176/shipping-industry-is-pressured-to-cut-pollution-caused-by-merchant-fleet> The effort to reduce ship emissions isn’t going well.

**Be careful what you mean by zero emissions, MSC’s Darr warns.** Declan Bush. *Lloyd’s List*.

1 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139152> MSC’s policy chief says shipping should be careful about aiming for absolute zero emissions for risk of excluding transition or carbon-neutral fuels.

**Podcast: Maritime in Minutes – November 2021 in review.** Marcus Hand. *Seatrade Maritime*

*News*. 2 December 2021. Available from: <https://www.seatrade-maritime.com/maritime-videos-podcasts/podcast-maritime-minutes-november-2021-review> This episode includes – Just how many billions of dollars did container lines make in Q3 and what are they doing with all this money?



**Maersk hands the baton to MSC at top of the liner rankings.** Sam Chambers. *Splash 247.com*. 2 December 2021. Available from: <https://splash247.com/a-single-neopanamax-acquisition-is-all-that-separates-msc-and-maersk-at-the-top-of-the-liner-rankings/> The changing of the guard at the top of the liner rankings is underway.

**German shipowners' association elects first female president.** Ian Lewis. *TradeWinds*. 2 December 2021. Available from: <https://www.tradewindsnews.com/people/german-shipowners-association-elects-first-female-president/2-1-1111728> The German Shipowners' Association (VDR) has elected Gaby Bornheim as its new president.

**The five steps to zero-carbon shipping.** Richard Meade. *Lloyd's List*. 2 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139161/> In this exclusive video, shipping industry leaders from across the value chain set out the essential elements of the transition ahead: the political, technical, economic and commercial requirements, and the actions needed from the sector to deliver on them

**Shipping's energy transition is a catalyst for radical change.** Rune Lyngaas. *TradeWinds*. 3 December 2021. Available from: <https://www.tradewindsnews.com/opinion/shippings-energy-transition-is-a-catalyst-for-radical-change/2-1-1111425> In the wake of COP26 and the International Maritime Organization's Maritime Environment Protection Committee meeting, shipping faces a stark reminder of the work needed to achieve its 2030 and 2050 decarbonisation goals.

**COP26 declaration: Shipping and Offshore Wind – Operation Zero.** *UK Government*. 7 December 2021. Available from: <https://bit.ly/3rRVmbw> The most recent study by the IMO estimates that international shipping accounted for around 1,056 million tonnes of CO<sub>2</sub> or around 2.89% of global CO<sub>2</sub> emissions in 2018.


**EXPLAINER: New global shipping task-force aims for greener, safer work.** Naimul Karim. *Reuters*. 7 December 2021. Available from: <https://news.trust.org/item/20211207162004-tr5wc/> The creation of a task-force to help the global shipping sector cut its climate-heating carbon emissions and support millions of workers in the transition to greener ways of working has been hailed as a “landmark” move by industry members.

**How will decarbonisation be financed? ICS webinar.** *Tanker Operator*. 7 December 2021. Available from: <https://www.tankeroperator.com/news/how-will-decarbonisation-be-financed-ics-webinar/12777.aspx> Amid all the talk in the shipping industry about decarbonisation, nobody has yet worked out how it will be financed and what the incentives will be.

**TotalEnergies Marine Fuels White Paper Offers Shipping Companies Critical Insights in the Drive for Cleaner Marine Fuels.** *TotalEnergies*. 8 December 2021. Available from: <https://marinefuels.totalenergies.com/news/press-release/totalenergies-marine-fuels-white-paper-offers-shipping-companies-critical-insights-in-the-drive-for-cleaner-marine-fuels> TotalEnergies Marine Fuels has published a new white paper – “The Drive for Cleaner Marine Fuels” – offering shipping operators and owners valuable insights to help them navigate their vessel fleet's energy transition in the short to long-term. [The Drive for Cleaner Marine Fuels](#)

**EU emissions trading plans may not go far enough, UMAS finds.** Eric Priante Martin. *TradeWinds*. 8 December 2021. Available from: <https://www.tradewindsnews.com/esg/eu-emissions-trading-plans-may-not-go-far-enough-umas-finds/2-1-1117442> The European Union's Emissions Trading System (ETS) needs reform if it is to be effective in spurring greenhouse gas cuts by shipping, a report has found.



**New report stresses the need to refine the EU ETS inclusion of shipping to catalyse the uptake of zero-emissions fuels.** *University Maritime Advisory Services (UMAS)*. December 2021. Available from: <https://bit.ly/3JvYEXQ> A new report by UMAS for Environment Defense Fund Europe stresses the need to refine the design of the EU Emission Trading System's (ETS) inclusion of shipping to effectively reduce greenhouse gas emissions from maritime shipping and advance zero-carbon alternative fuels. [Harnessing the EU ETS to reduce international shipping emissions](#) 

**EU ETS may incentivise LNG as costly stranded asset, report warns.** Paul Berrill. *TradeWinds*. 9 December 2021. Available from: <https://www.tradewindsnews.com/technology/eu-ets-may-incentivise-lng-as-costly-stranded-asset-report-warns/2-1-1118494> A low price for carbon could lead to the European Union's Emissions Trading System (EU ETS) incentivising LNG as a fuel and cause methane emissions that would eliminate its benefits, consultants warn.

**'First movers in Shipping's Decarbonisation – a framework for getting started'.** *Lloyd's Register*. 9 December 2021. Available from: <https://www.lr.org/en/latest-news/first-movers-in-shippings-decarbonisation-a-framework-for-getting-started/> The Lloyd's Register (LR) Maritime Decarbonisation Hub has launched 'First movers in Shipping's Decarbonisation – a framework for getting started', a methodology that enables a detailed comparison of different fuel transition pathways regardless of vessel type or trade route. [First movers in shipping's decarbonisation](#)

**Short sea shipping and the energy transition.** *United Nations Conference on Trade and Development (UNCTAD)*. 9 December 2021. Available from: <https://unctad.org/news/short-sea-shipping-and-energy-transition> International shipping accounts for 2-3% of global carbon emissions, equal to what Germany, the sixth largest emitter in the world, emits in a year.

**DNV Decarbonisation Insights: Singapore's pathway to Net Zero and the role of Ammonia.** *Manifold Times (Singapore)*. 10 December 2021. Available from: <https://www.manifoldtimes.com/news/dnv-decarbonisation-insights-singapores-pathway-to-net-zero-and-the-role-of-ammonia/> It is not surprising that Singapore is getting ready to play a major role in the decarbonisation of the global maritime industry.

**Op-Ed: Green Shipping Must Go Beyond Decarbonization.** Christian Bueger. *Maritime Executive*. 10 December 2021. Available from: <https://www.maritime-executive.com/editorials/op-ed-green-shipping-must-go-beyond-decarbonization> The shipping industry is the backbone of global trade and supply chains, with 90 percent of all goods transported by the sea.

**Analysis: Shipping costs - another danger for inflation-watchers to navigate.** Sujata Rao and Jonathan Saul. *Reuters*. 10 December 2021. Available from: <https://www.reuters.com/markets/commodities/shipping-costs-another-danger-inflation-watchers-navigate-2021-12-10/> Much like the coronavirus pandemic, and the economic disruption that it has caused, a global shipping crisis looks set to go on delaying goods traffic and fuelling inflation well into 2023.

**Japanese shipowners lead climate change rankings.** *Lloyd's List*. 10 December 2021. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1139246> Japanese shipping companies dominate a table put together to measure action on climate change.

**Women in shipping endure worse conditions than men, survey shows.** *ShippingWatch*. 13 December 2021. Available from: <https://shippingwatch.com/carriers/article13551134.ece> Female employees in the Danish shipping industry say they're paid less than men and that they have experienced abusive behavior, according to new survey reported by Danish media Berlingske.

**The Lloyd's List Podcast: Omicron offers shipping an unwelcome sense of déjà vu.**

*Lloyd's List*. 13 December 2021. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1139254> The latest Omicron variant of coronavirus has delivered the world a rude reminder that the virus' path to becoming an endemic disease will not be smooth.

**The (N)Ever Forgotten.** Sam Chambers. *Splash 247.com*. 13 December 2021. Available from:

<https://splash247.com/the-never-forgotten/> When the world woke up to the iconic image of the *Ever Given* stuck near sideways in the Suez Canal, 2021 became the year the public discovered shipping.

**Southern California's Empty Container Problem is Getting Worse, Truckers Say.** Ana Monteiro.

*gCaptain*. 13 December 2021. Available from: <https://gcaptain.com/southern-californias-empty-container-problem-is-getting-worse-truckers-say/> Restrictions on empty-container returns at major ports are the top issue that needs fixing to help ease U.S. supply-chain bottlenecks, the head of the Harbor Trucking Association said, adding that true round-the-clock operations aren't yet in place.

**From Covid-19 to crew and climate crises, shipping's global role is under the spotlight.**

Esben Poulsson. *South China Morning Post*. 14 December 2021. Available from:

<https://www.scmp.com/comment/opinion/article/3159277/covid-19-crew-and-climate-crises-shippings-global-role-under> This will be my last Christmas as chairman of the International Chamber of Shipping.

**Value of speaking with one voice is what 2021 has shown us.** Mark O'Neil. *Splash 247.com*.

14 December 2021. Available from: <https://splash247.com/value-of-speaking-with-one-voice-is-what-2021-has-shown-us/> International cooperation and the importance of speaking with one voice are the key lessons to learn from 2021, according to InterManager president Mark O'Neil, CEO of Columbia Shipmanagement, who writes exclusively for Splash today.

**Women shed light on gender barriers in shipping: "I hope the severity has been made clear".**

Astrid Sturlason. *ShippingWatch*. 14 December 2021. Available from:

<https://shippingwatch.com/carriers/article13555800.ece> In a critical new report, two out of three female employees in shipping report having been exposed to barriers such as sexual harassment and fewer career opportunities on the basis of their gender.

**15 financial institutions disclose the climate alignment of their ship finance portfolios.**

*Poseidon Principles*. 14 December 2021. Available from:

<https://www.poseidonprinciples.org/finance/news/15-financial-institutions-disclose-the-climate-alignment-of-their-ship-finance-portfolios/> In a first-of-a-kind climate finance report, 15 Signatories of the Poseidon Principles disclose the climate alignment score of their ship finance portfolios.

**The path forward - What should stakeholders do now?** *Maersk Mc-Kinney Møller Center for Zero Carbon Shipping*. 16 December 2021. Available from:

<https://cms.zerocarbonshipping.com/media/uploads/documents/The-path-forward.-What-should-stakeholders-do-now.pdf> Driven by an increasing sense of urgency and equipped with critical decarbonization tools, shipping stakeholders may be asking themselves: what should we actually be doing now?

**Shipping's circular economy.** *Global Maritime Forum*. 21 December 2021. Available from:

<https://www.globalmaritimeforum.org/news/shippings-circular-economy> Shipping's energy transition provides an opportunity to adopt new circular business models for asset management and radically change ownership structures for the benefit of the entire industry.

## RESEARCH

Devereux H. **Seafarer injuries in relation to time into tour of duty.** *Marine Policy*.

12 November 2021. Available from:

<https://www.sciencedirect.com/science/article/pii/S0308597X21004760> Research into occupational injuries in the shipping industry has tended to focus on the points of space in which injuries occur, with relatively few studies looking at details regarding when within work patterns injuries happen.

Belden ER, Kazantzis NK, et al. **Thermodynamic feasibility of shipboard conversion of marine plastics to blue diesel for self-powered ocean cleanup.** *Proceedings of the National Academy of Sciences*. 16 November 2021. Available from:

<http://www.pnas.org/content/118/46/e2107250118.abstract> Plastic waste accumulating in the world's oceans forms massive "plastic islands" in the oceanic gyres.

Probst B, Touboul S, et al. **Global trends in the invention and diffusion of climate change mitigation technologies.** *Nature Energy*. 18 November 2021. Available from:

<https://www.nature.com/articles/s41560-021-00931-5> We have analysed over a quarter of a million high-value inventions in all major climate change mitigation technologies patented from 1995 to 2017 by inventors located in 170 countries.

Bergström M, Li F, et al. **A goal-based approach for selecting a ship's polar class.** *Marine Structures*. 19 November 2021. Available from:

<https://www.sciencedirect.com/science/article/pii/S095183392100174X> Following the International Code for Ships Operating in Polar Waters (Polar Code), ships operating in ice-covered polar waters must comply with an appropriate Polar Class (PC) or equivalent ice class standard.

Bocheński T, Palmowski T, et al. **The Development of Major Seaports in the Context of National Maritime Policy. The Case Study of Poland.** *Sustainability*. 21 November 2021. Available from:

<https://www.mdpi.com/2071-1050/13/22/12883> State authorities may influence the development of seaports by employing the tools of national maritime policy.

Karamperidis S, Kapalidis C, et al. **Maritime Cyber Security: A Global Challenge Tackled through Distinct Regional Approaches.** *Journal of Marine Science and Engineering*.

23 November 2021. Available from: <https://www.mdpi.com/2077-1312/9/12/1323> Maritime cyber security is an emerging issue that requires immediate attention, according to the IMO.

Boettcher M and Kim RE. **Arguments and architectures: Discursive and institutional structures shaping global climate engineering governance.** *Environmental Science & Policy*. 29 November 2021. Available from:

<https://www.sciencedirect.com/science/article/pii/S1462901121003373> The Anthropocene is giving rise to novel challenges for global environmental governance.

Mittendorf M, Nielsen UD, et al. **Data-driven prediction of added-wave resistance on ships in oblique waves—A comparison between tree-based ensemble methods and artificial neural networks.** *Applied Ocean Research*. 9 December 2021. Available from:

<https://doi.org/10.1016/j.apor.2021.102964> The present paper implements machine learning methods for the prediction of the added-wave resistance of ships in head to beam wave conditions.

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[maritimeknowledgecentre@imo.org](mailto: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.