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INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE (MKC)

“Sharing Maritime Knowledge”

CURRENT AWARENESS BULLETIN

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[Maritime Knowledge Centre \(MKC\)](#)

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About the MKC Current Awareness Bulletin (CAB)

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

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

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IMO NEWS & EVENTS

WHAT'S NEW

IMO welcomes UN Resolution on keyworker seafarers

The United Nations General Assembly has called on UN Member States to designate seafarers and other marine personnel as key workers and to implement relevant measures to allow stranded seafarers to be repatriated and others to join ships, and to ensure access to medical care.

In a resolution on International cooperation to address challenges faced by seafarers as a result of the COVID-19 pandemic to support global supply chains, adopted on 1 December, the United Nations recognizes the need for an urgent and concrete response from all stakeholders, including the private sector, to resolve the situation of seafarers stranded at sea and/or unable to join ships because of national travel restrictions introduced across the globe as a result of the pandemic.

[More...](#)

More States join IMO call to designate seafarers as key workers

Forty-five IMO Member States and one Associate Member* have now designated seafarers as key workers, which is a key step in resolving the ongoing crew change crisis. In a circular letter (4204/add.35) issued on 14 December, IMO Secretary-General Kitack Lim calls on Member States that have not yet done so to take action as a matter of urgency.

Key worker designation for seafarers is essential to exempt these professionals from specific COVID-related travel restrictions, allowing them to travel between their country of residence and ships, and to be repatriated at the end of their contracts. This is critical to resolve the crew change crisis, which currently leaves hundreds of thousands of seafarers trapped at sea or stuck at home and unable to join ships. It could even play a key role in granting them priority access to safe vaccination. [More...](#)

Standing up for stranded seafarers on UN Human Rights Day

UN Human Rights Day puts the global spotlight on the importance of human rights in the post-COVID recovery. IMO is highlighting the plight of the hundreds of thousands of seafarers who are still stranded at sea and has issued a strong call for their fundamental rights to be respected.

It is estimated that 400,000 seafarers are currently stranded on ships beyond the end of their original contracts and unable to be repatriated, due to COVID-related travel restrictions. Some have now been working at sea for over 18 months, well beyond the 11-month limit set out in ILO's Maritime Labour Convention (MLC). A similar number of seafarers are stuck at home, unable to join ships and provide for their families. [More...](#)

Programme of Meetings for 2021 (issued 8 December 2020) can be downloaded [here](#)

Previous Meetings (REMOTE)

Technical Cooperation Committee (TC 70) – 7-11 December

Consultative Meetings of Contracting Parties (London Convention 1972) and
Meetings of Contracting Parties (London Protocol 1996) (LC 42/LP 15) – 14-15 December

Forthcoming Meetings (REMOTE)

Sub-Committee on Human Element, Training and Watchkeeping (HTW 7) – 15-19 February

LATEST PRESS BRIEFINGS

[IMO Secretary-General denounces “no crew change” clauses](#)
21 December 2020

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

IMO NEWS MAGAZINE [\(Autumn Winter 2020\)](#)

UNITED NATIONS

UN chief stresses need for greater speed to achieve carbon neutrality. *UN News.*

9 November 2020. Available from: <https://news.un.org/en/story/2020/11/1077202> Although more Governments and businesses are committing to achieve carbon neutrality by 2050, the world is still falling far short of that goal, UN Secretary-General António Guterres said on Monday in his latest push for a cleaner, greener future.

Seafarers, heroes of the pandemic as shipping plays vital role in crisis. *UN News.*

12 November 2020. Available from: <https://news.un.org/en/story/2020/11/1077462> The global shipping industry has played a vital role in the global response to the COVID-19 pandemic, and demand for its services has limited the annual decline in maritime trade volumes to around 4.1% in 2020, the UN Conference on Trade and Development (UNCTAD) said in its annual report on the shipping industry on Thursday.

Climate change: UN chief calls for 'great leap' towards carbon neutrality. *UN News.*

16 November 2020. Available from: <https://news.un.org/en/story/2020/11/1077712> As countries work to defeat the COVID-19 pandemic, they also have the chance to "get it right" on climate change, the UN Secretary-General told a virtual gathering of influential leaders on Monday.

No time for complacency as COVID-19 cases surge: WHO chief. *UN News.* 16 December 2020.

Available from: <https://news.un.org/en/story/2020/11/1077722> Despite encouraging news about COVID-19 vaccines and cautious optimism over potential new tools against the disease, "this is not the time for complacency," the head of the World Health Organization warned on Monday during his latest press briefing in Geneva.

Guterres urges EU to cut emissions by 55% by 2030. *United Nations.* 19 November 2020.

Available from: <https://unric.org/en/guterres-urges-eu-to-cut-emissions-by-55-by-2030/> UN Secretary-General António Guterres today urged the European Union to cut CO2 emissions by 55% or more by 2030.

UN holds dialogues to examine racism in its ranks. *UN News.* 19 November 2020. Available from: <https://news.un.org/en/story/2020/11/1078152> In an address on Thursday at an event for UN staff, Secretary-General António Guterres underscored the need to confront racism within the world body, initiating a series of discussions on the subject.

CASUALTIES

Response to *MV Barkly Pearl*. Australian Maritime Safety Authority (AMSA). 3 November 2020. Available from: <https://www.amsa.gov.au/news-community/news-and-media-releases/response-mv-barkly-pearl> 📰 The Marshall Islands flagged livestock carrier *MV Barkly Pearl*, had sustained damage to its hull and was approximately 120 kilometres north of Geraldton when AMSA became involved.

Mauritius oil spill clean-up likely to be completed by January: ship owner. Chang-Ran Kim. *Reuters*. 5 November 2020. Available from: <https://www.reuters.com/article/idUSKBN27L0EA> The clean-up of a massive oil spill in August from a vessel off Mauritius will likely be mostly completed by January, the bulk carrier's owner, Japan's Nagashiki Shipping, said.

Investigation into 2019 berth strike highlights concern about terminal infrastructure capacity. *Transportation Safety Board of Canada*. 5 November 2020. Available from: <https://www.tsb.gc.ca/eng/medias-media/communiqués/marine/2020/m19p0020-20201105.html> Transportation Safety Board of Canada released its investigation report into the container vessel *Ever Summit* striking the berth at Vanterm, in the Port of Vancouver. [Investigation Report](#) 📰

Canada points to concerns over increasing size of containerships. Adam Corbett. *TradeWinds*. 10 November 2020. Available from: <https://www.tradewindsnews.com/casualties/canada-points-to-concerns-over-increasing-size-of-containerships/2-1-909648> A Canadian accident report into a collision between an Evergreen Marine boxship and a container crane in Vancouver has questioned the port's ability to safely cope with the increasing size of this vessel type.

Mauritius after three months: 10 unanswered questions following the oil spill. *Greenpeace International*. 6 November 2020. Available from: <https://www.greenpeace.org/africa/en/press/12560/> On August 6, Mauritius local time, the *MV Wakashio* began to leak its heavy fuel oil offshore of Pointe d'Esny, south of Mauritius, two weeks after the Japanese bulk carrier ran aground on a coral reef.



Five die after presumed collision between Greek tanker and Turkish fishing boat. Harry Papachristou. *TradeWinds*. 11 November 2020. Available from: <https://www.tradewindsnews.com/casualties/five-die-after-presumed-collision-between-greek-tanker-and-turkish-fishing-boat/2-1-910377> Five crew members of a Turkish-flag fishing boat have been found dead after a reported collision with a Greek tanker in the Eastern Mediterranean.

Viking Grace: Finnish ferry towed to safety after stranding. *Deutsche Welle (Germany)*. 23 November 2020. Available from: <https://www.dw.com/en/viking-grace-finnish-ferry-towed-to-safety-after-stranding/a-55688880> 📰 Grounded in a storm, *Viking Grace*'s 429 passengers and crew spent an unexpected night aboard before tug boats arrived to pull the vessel ashore.

Greek boxship scythes into grounded Iranian vessel off Batam. Sam Chambers. *Splash 247com*. 24 November 2020. Available from: <https://splash247.com/greek-boxship-scythes-into-grounded-iranian-vessel-off-batam/> 📰 The 5,576 teu *Tina 1* containership grounded off Batam in Indonesia on Sunday, scything into another grounded boxship, new videos show.

Greek oil tanker sails into mine off the coast of Saudi Arabia. *ShippingWatch*. 26 November 2020. Available from: <https://shippingwatch.com/carriers/Tanker/article12587590.ece> A Greek oil tanker was damaged after it sailed into a mine the Red Sea off the coast of Saudi Arabia.

Oil tanker hit by blast at Saudi terminal, Saudi Arabia confirms. Jonathan Saul and Lisa Barrington. *Reuters*. 25 November 2020. Available from: <https://reut.rs/3n6SVvW> An explosion damaged a Greek-managed tanker at a Saudi Arabian terminal on the Red Sea just north of the Yemeni border, the ship's manager said on Wednesday, in an attack confirmed by Saudi Arabia.

Accident Investigation Report 18/2020: Crush incident on general cargo vessel *Karina C* with loss of 1 life. *UK Marine Accident Investigation Branch (MAIB).* 26 November 2020. Available from: <https://www.gov.uk/maib-reports/crush-incident-on-general-cargo-vessel-karina-c-with-loss-of-1-life-report>  **Annexes**  At 0945 on 24 May 2019, the second officer of the UK registered general cargo vessel *Karina C* was fatally injured when he was trapped between a stack of cargo hold hatch covers and a gantry crane used to move hatch covers.

Marine Accident Statistics report 2019 published. *UK Marine Accident Investigation Branch.* 25 November 2020. Available from: <https://www.gov.uk/government/news/marine-accident-statistics-report-2019-published> The Annual Report details our activities and recommendations during 2019, and the supporting Marine Accident Statistics document provides detailed statistics for this period. [Marine Accident Statistics 2019](#) 

Study shows three seafarers died on UK vessels in 2019. David Osler. *Lloyd's List.* 26 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134875/Study-shows-three-seafarers-died-on-UK-vessels-in-2019> No passengers killed, and no UK merchant vessels of 100 gt or more lost for the 10th year in succession.

ENVIRONMENT

Arctic Sea Ice Crisis: World Leaders Must Cut Emissions to Curb Arctic Heating. *Clean Arctic Alliance.* 2 November 2020. Available from: <https://www.hfofreearctic.org/en/2020/11/02/arctic-sea-ice-crisis-world-leaders-must-cut-emissions-to-curb-arctic-heating/> Clean Arctic Alliance demands greater ambition on heavy fuel oil ban ahead of IMO meeting and calls for Arctic black carbon cuts of 90% and global greenhouse gas emissions by 60%.

Report sounds an alarm on ongoing decline of US coral reefs. Bobby Caina Calvin. *Associated Press.* 10 November 2020. Available from: <https://apnews.com/article/science-climate-atlantic-ocean-climate-change-oceans-865d4f4a67fb7afe376f3cf39df26390> A first of its kind assessment of coral reefs in U.S. waters is again sounding the alarm over the continued decline of these sensitive underwater ecosystems, which scientists deem essential to the health of the world's oceans amid the environmental effects posed by human activity and climate change.

ISA presents its Marine Scientific Research Action Plan in support of the UN Decade of Ocean Science via a High-Level webinar. *International Seabed Authority.* 17 November 2020. Available from: <https://www.isa.org.jm/news/isa-presents-its-marine-scientific-research-action-plan-support-un-decade-ocean-science-high> The main purpose of this high-level event was to present the key components of the draft Action Plan by highlighting how it represents the objectives identified for the UN Decade and the six strategic research priorities around which ISA will mobilize its actions in a complementary and synergistic manner.

Could the shipping industry derail plans to address the global climate emergency? Daisy Dunne. *The Independent.* 18 November 2020. Available from: <https://www.independent.co.uk/environment/climate-change/shipping-industry-climate-change-deal-b1724850.htm> | The shipping industry will be free to continue producing more emissions for the next decade, thanks to a new rule quietly agreed by countries on Tuesday

5 maritime sustainability trends for 2021. Alyssa Sporrer. *Freight Waves.* 23 November 2020. Available from: <https://www.freightwaves.com/news/5-maritime-sustainability-trends-for-2021> According to the Environmental Defense Fund (EDF), "ships transport roughly 90% of world trade and account for 3% of global greenhouse gas emissions."

Carbon dioxide levels continue at record levels, despite COVID-19 lockdown. *World Meteorological Organization (WMO)*. 23 November 2020. Available from: <https://public.wmo.int/en/media/press-release/carbon-dioxide-levels-continue-record-levels-despite-covid-19-lockdown> The industrial slowdown due to the COVID-19 pandemic has not curbed record levels of greenhouse gases which are trapping heat in the atmosphere, increasing temperatures and driving more extreme weather, ice melt, sea-level rise and ocean acidification according to the WMO.

International ship exhaust emissions shown to alter clouds' behaviour. *University of Manchester (UK)*. 23 November 2020. Available from: <https://www.manchester.ac.uk/discover/news/international-ship-exhaust-emissions-shown-to-alter-clouds-behaviour/> Emissions from ship exhausts can have a major impact on air pollution, weather and climate, however until relatively recently these have been largely unregulated, particularly in international waters.

Pacific nations lead on climate. We must now do the same for nature. Peter Thomson. *Reuters*. 24 November 2020. Available from: <https://news.trust.org/item/20201124104538-10j2a> Progress on climate action is at risk of unravelling if Pacific island states do not step up on the related crisis of nature loss.

Antigua & Barbuda to co-champion blue economy action for the Commonwealth. *The Commonwealth*. 24 November 2020. Available from: <https://thecommonwealth.org/media/news/antigua-barbuda-co-champion-blue-economy-action-commonwealth> The Caribbean island nation of Antigua and Barbuda has stepped forward to co-champion the Commonwealth Blue Charter Action Group on the sustainable blue economy, alongside the current champion country, Kenya.

ENVIRONMENTAL POLLUTION

Yemen: Stricken oil tanker must be inspected to avoid environmental catastrophe, UN expert urges. *UN News*. 12 November 2020. Available from: <https://news.un.org/en/story/2020/11/1077562> It is "vital" that technical experts be granted immediate access to a rusting oil tanker threatening an environmental calamity in the Red Sea, an independent UN expert said on Thursday.

UN experts: technical team must be allowed to avert oil spill disaster threatening Yemen. Marcos A. Orellana and David R. Boyd. *United Nations Office of the High Commissioner for Human Rights (OHCHR)*. 12 November 2020. Available from: <https://www.ohchr.org/EN/NewsEvents/Pages/DisplayNews.aspx?NewsID=26498&LangID=E> Independent technical experts must be granted immediate access to an abandoned, rusting oil tanker that threatens Yemen and the Red Sea with ecological catastrophe, UN human rights experts said today.

New poll finds a majority of Americans would change where they shop to support cleaner ships. *Pacific Environment*. 17 November 2020. Available from: <https://www.pacificenvironment.org/press-releases/new-poll-finds-a-majority-of-american-voters-would-change-where-they-shop-to-support-cleaner-ships/> A new poll conducted for Pacific Environment by Yale University, George Mason University and Climate Nexus finds that nearly three-quarters (74%) of Americans would be more likely to shop at companies that use cleaner ways to ship their goods.

FSO Safer: risk and impact assessment. *ReliefWeb*. 18 November 2020. Available from: <https://reliefweb.int/report/yemen/fso-safer-risk-and-impact-assessment> The coastline of Yemen's Red Sea and of its neighbouring countries is at risk of an environmental disaster that could happen any day – with substantial humanitarian and economic impacts.

UK to support plans for new global treaty to 'turn tide' on plastic pollution. Karen McVeigh. *The Guardian*. 19 November 2020. Available from: <https://www.theguardian.com/environment/2020/nov/19/uk-to-support-plans-for-new-global-treaty-to-turn-tide-on-plastic-pollution> Britain has thrown its weight behind a new global agreement to tackle the plastic pollution crisis, which Lord Goldsmith said would go “far beyond” existing international agreements.

IMO and Arctic States Slammed for Endorsing Continued Arctic Pollution. *Clean Arctic Alliance*. 20 November 2020. Available from: <https://www.hfofreearctic.org/en/2020/11/20/imo-and-arctic-states-slammed-for-endorsing-continued-arctic-pollution/> The Clean Arctic Alliance today slammed the decision by the IMO to approve a ban ridden with loopholes on the use and carriage of heavy fuel oil in the Arctic, saying that it would leave the Arctic, its Indigenous communities and its wildlife facing the risk of a HFO spill for another decade.

MOL & Miura to Conduct Demonstration Test with Microplastic Collection Device Installed on Newbuilding Wood Chip Carrier: Effort Aims to Protect the Marine Environment Using Merchant Vessels. *Mitsui OSK Lines (MOL)*. 24 November 2020. Available from: <https://www.mol.co.jp/en/pr/2020/20078.html> The microplastic collection device is activated during operation of the ballast water treatment system, with the assumption that collection takes place during cargo handling operations.

FSO Safer: Yemen rebels give UN permission to examine tanker amid fears of devastating oil spill in Red Sea. *Sky News*. 25 November 2020. Available from: <https://bit.ly/3rLdmSQ> The UN has finally got permission to inspect a decaying tanker stranded off Yemen with 1.1 million barrels of oil.

Fukushima's Radioactive Wastewater Dilemma. Amorina Kingdon. *Hakai Magazine*. 26 November 2020. Available from: <https://www.hakaimagazine.com/article-short/fukushima-radioactive-wastewater-dilemma/> The word “Fukushima” has become known globally as shorthand for a nuclear disaster that happened at the Fukushima Daiichi Nuclear Power Plant on the coast of Japan in March 2011.

Solomon Islands oil spill report leaked to ABC reveals economic losses of up to \$50 million. Liam Fox. *ABC (Australia)*. 26 November 2020. Available from: <https://www.abc.net.au/news/2020-11-26/solomon-islands-leaked-report-on-oil-spill-damage/12923050> Documents leaked to the ABC have estimated the economic losses caused by an oil spill near a world heritage-listed area of Solomon Islands last year could be as high as \$50 million.

Oil on troubled waters: coordinating responses to environmental disasters in Indian Ocean island states. David Brewster. *Australian Strategic Policy Institute (ASPI)*. 27 November 2020. Available from: <https://www.aspistrategist.org.au/oil-on-troubled-waters-coordinating-responses-to-environmental-disasters-in-indian-ocean-island-states/> For several years, Japan has been investing heavily in its diplomatic engagement with Indian Ocean island states and may now need to consider how to better extend that engagement to environmental security challenges.

HEALTH & SAFETY

Odfjell commits to NSA quarantine initiative for seafarers in Manila. *Odfjell*. 30 October 2020. Available from: <https://www.odfjell.com/about/our-stories/odfjell-commits-to-nsa-quarantine-initiative-for-seafarers-in-manila/> To further ensure the health and safety of our seafarers and help address the crew change crisis, Odfjell has adopted the quarantine arrangement initiated by the Norwegian Shipowners' Association through its subsidiary in the Philippines, the Norwegian Training Center.

CDC Issues Framework for Resuming Safe and Responsible Cruise Ship Passenger Operations. *US Centers for Disease Control and Prevention (CDC)*. 30 October 2020. Available from: <https://www.cdc.gov/media/releases/2020/s1030-safe-responsible-ship-passenger-operations.html> Today the Centers for Disease Control and Prevention issued a Framework for Conditional Sailing Order that introduces a phased approach for the safe and responsible resumption of passenger cruises.

CLIA and its Ocean-going Cruise Line Members are Committed to a Return to Passenger Sailing with Enhanced Health and Safety Measures. *Cruise Lines International Association*. 30 October 2020. Available from: <https://bit.ly/3nZ3UsG> CLIA, which represents 95% of global ocean-going cruise capacity, recognizes from today's announcement by the U.S. Centers for Disease Control and Prevention that it will replace the previous No Sail Order with the "Framework for Conditional Sailing Order."

After Freedom, Filipino Seafarers Captured by Pirates Battle Trauma. Ana P Santos. *Pulitzer Center on Crisis Reporting*. 30 October 2020. Available from: <https://pulitzercenter.org/reporting/after-freedom-filipino-seafarers-captured-pirates-battle-trauma> Balbero was one of the 29 crew members of the Taiwan-owned *FV Naham 3* fishing vessel who was kidnapped when Somali pirates hijacked their ship on March 26, 2012 as they were sailing through the Indian Ocean south of the Seychelles.

13 Test Positive for COVID-19 Aboard Luxury Cruise Ship. *Maritime Executive*. 1 November 2020. Available from: <https://www.maritime-executive.com/article/13-test-positive-for-covid-19-aboard-luxury-cruise-ship> 13 people aboard the Ponant cruise ship *Le Jacques Cartier* have tested positive for COVID-19, and the vessel has suspended her planned itinerary in order to return to port at Marseille.


Seafarer mental health: lessons learnt from the Covid-19 pandemic. Ilaria Grasso Macola. *ShipTechnology*. 2 November 2020. Available from: <https://www.ship-technology.com/features/seafarer-mental-health-lessons-learnt-from-covid19-pandemic> Much has already been said about the plight of seafarers who have been stranded at sea for months because of the Covid-19 travel restrictions.

Unions and employers partner on a project to ensure seafarers from the Philippines are 'Covid-free'. *International Maritime Employers' Council (IMEC)*. 3 November 2020. Available from: <http://www.imec.org.uk/imec-news/unions-and-employers-partner-on-a-project-to-ensure-seafarers-from-the-philippines-are-covid-free> The ITF and the IMEC have launched an enhanced quarantine and testing programme in Manila, with the aim of getting more Filipino seafarers to-and-from ships amidst a global crew change crisis by addressing the concerns governments have in regard to minimising the spread of the pandemic.

Talking Point: The importance of food on board cargo ships - A multidisciplinary approach. Polina Baum-Talmor. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 9 November 2020. Available from: <https://www.seafarerswelfare.org/news/2020/talking-point-the-importance-of-food-on-board-cargo-ships-a-multidisciplinary-approach> Dr Polina Baum-Talmor presents the issues surrounding food on board cargo ships and introduces a study that addresses some of those issues.

Significant crew safety and well-being lessons to be learned from survey. *Lloyd's Register*. 9 November 2020. Available from: <https://www.lr.org/en/latest-news/significant-crew-safety-and-well-being-lessons-to-be-learned-from-industry-wide-survey/> An industry-wide survey on maritime workers' well-being during COVID-19, led by Lloyd's Register in collaboration with the UK Chamber of Shipping, the Mission to Seafarers and Safety at Sea, has uncovered key insights which may be used to improve the safety and well-being of maritime industry workers keeping global trade moving during the pandemic.

Systemic failures in work and rest hours regulations putting lives at risk. *Nautilus International*. 9 November 2020. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/systemic-failures-in-work-and-rest-hours-regulations-putting-lives-at-risk/> An explosive new report from the World Maritime University has found widespread malpractices in the recording of work and rest hours with a culture of adjustment – both on and off ship – normalising fatigue among seafarers that could lead to serious casualties, loss of life and environmental damage.


A culture of adjustment, evaluating the implementation of the current maritime regulatory framework on rest and work hours (EVREST). *World Maritime University (WMU)*. November 2020. Available from: https://commons.wmu.se/lib_reports/66/ Underreporting of work hours or adjustment of work/rest hour records¹ has been suggested by previous research to be a common practice in the shipping sector. WMU has conducted exploratory research into the implementation of the current regulatory and administrative framework on work and rest hours. [Report](#) 

'Shocking' work and rest hours study to be raised at Paris MOU taskforce. *Nautilus International*. 10 November 2020. Available from: <https://www.nautilusint.org/en/news-insight/news/shocking-work-and-rest-hours-study-to-be-raised-at-paris-mou-taskforce> Publication of an explosive new report into systemic failures in recording hours of work and rest could be the catalyst to resolve long-standing issues around the regulations, participants at a global webinar agreed.

Covid-infected ship in American Samoa to remain offshore. *Radio New Zealand*. 11 November 2020. Available from: <https://www.rnz.co.nz/international/pacific-news/430325/covid-infected-ship-in-american-samoa-to-remain-offshore> A ship anchored off American Samoa with three Covid-positive crew members on board will remain there for at least seven days.

First Caribbean Cruise Suspended due to COVID-19 Scare. *Maritime Executive*. 11 November 2020. Available from: <https://maritime-executive.com/article/first-caribbean-cruise-suspended-due-to-covid-19-scare> The cruise ship *SeaDream 1* is experiencing a COVID-19 scare during its first cruise in the Caribbean.

Put seafarers on priority list for Covid-19 vaccine. *Nautilus International*. 13 November 2020. Available from: <https://www.nautilusint.org/en/news-insight/news/put-seafarers-on-priority-list-for-covid-19-vaccine/> With seafarers recognised as key workers and critical to supply chains they should be added to the list of frontline workers to receive Covid-19 protections, according to Nautilus International.

Crew members on ship waiting to enter Sydney waters tested for coronavirus. *Olivana Lathouris*. *9 News (Australia)*. 13 November 2020. Available from: <https://www.9news.com.au/national/coronavirus-nsw-health-update-no-new-locally-acquired-covid19-cases-one-hotel-quarantine-latest-numbers/df7086bf-6305-41f5-92d1-c56e8fcffe82>  All crew members on board an oil tanker anchored off Sydney's coast have been tested for coronavirus as they await clearance to enter the harbour.

SeaDream 1: five passengers test positive for Covid-19 on Caribbean cruise ship. *Fran Kelly*. *The Guardian*. 13 November 2020. Available from: <https://www.theguardian.com/world/2020/nov/12/caribbean-cruise-ship-coronavirus-seadream> One of the first cruise ships to ply through Caribbean waters since the pandemic began ended its trip early after five passengers tested positive for Covid-19.

Covid-19 outbreak strikes first cruise to resume sailing in the Caribbean. Patrick Oppmann and Marnie Hunter. *CNN*. 16 November 2020. Available from: <https://edition.cnn.com/travel/article/caribbean-cruise-seadream-1-covid/index.html> 📄 A total of seven passengers have tested positive for Covid-19 aboard the *SeaDream 1* cruise ship docked in Barbados, according to a passenger on the ship.

Coronavirus and piracy add to crew safety concerns. Adam Sharpe. *Lloyd's List*. 17 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134723/From-the-News-Desk-Coronavirus-and-piracy-add-to-crew-safety-concerns> There is an increasing link between the ongoing coronavirus pandemic and the safety of crew and vessels, according to recent analysis.

Report explores COVID-19 direct health risks to seafarers. *Safety4Sea*. 18 November 2020. Available from: <https://safety4sea.com/report-explores-covid-19-direct-health-risks-to-seafarers/> A new report by CNA, a US-based nonprofit organization, is looking at ways industries and governments have mitigated the spread of COVID-19 through the blue economy, while at the same time "jeopardizing the material and emotional wellbeing of seafarers".

ADRIFT: COVID-19 and the Safety of Seafarers. CNA. October 2020. Available from: https://www.cna.org/CNA_files/PDF/CSI-2020-U-028490-Final.pdf 📄 Seafarers—the essential workers of the global trading system—are facing significant risks.

Carnival Cruise boss banks on safety measures. Jonathan Josephs. *BBC News*. 20 November 2020. Available from: <https://www.bbc.co.uk/news/business-55022158> The boss of the world's biggest cruise company has told the BBC new safety measures can help the \$150bn (£113bn) a year industry to get going again.

Re:fresh Study on the Wellbeing of 17.000 Seafarers during Covid-19. *Marine Benefits*. 27 November 2020. Available from: <https://www.marinebenefitsas.com/news/2020/11/27/refresh-study-on-the-wellbeing-of-17000-seafarers-during-covid-19> Marine Benefits possesses extensive data on seafarers; since 2016 - through our Re:refresh surveys - we have collected responses from more than 21,000 seafarers from over 15 nationalities.

IMO

Maersk regulatory boss Simon Bergulf hits out at 'disappointing' IMO deal. Gary Dixon. *TradeWinds*. 30 October 2020. Available from: <https://www.tradewindsnews.com/regulation/maersk-regulatory-boss-simon-bergulf-hits-out-at-disappointing-imo-deal/2-1-903567> A leading AP Moller-Maersk executive has criticised the IMO's latest climate change deal as "lacking in ambition".

Cloudy waters: Green group claims IMO emissions cut figures do not add up. Adam Corbett. *TradeWinds*. 3 November 2020. Available from: <https://www.tradewindsnews.com/regulation/cloudy-waters-green-group-claims-imo-emissions-cut-figures-do-not-add-up/2-1-905360> The International Council on Clean Transportation is urging the IMO to step up its proposals on reducing shipping's carbon emissions.

Potential CO2 reductions under the Energy Efficiency Existing Ship Index. Dan Rutherford, Xiaoli Mao and Bryan Horner. *International Council on Clean Transportation*. 3 November 2020. Available from: <https://theicct.org/publications/marine-eexi-nov2020> Based on the IMO's latest "hybrid" proposal, ships will be required to adopt both approaches starting in 2023 to help meet IMO's minimum 2030 carbon intensity goal. [Working Paper 2020-27](#) 📄

What are the key takeaways from the IMO's latest GHG study? Matthew Williams. *Lloyd's Register*. 4 November 2020. Available from: <https://www.lr.org/en/insights/articles/imo-latest-ghg-study-key-takeaways> Matthew Williams highlights key findings from the Fourth IMO GHG Study and what this might mean for maritime and the measures to reduce GHG emissions from ships.

IMO Charting Passage Plan for Reducing Shipping's 'Carbon Intensity'. Barry Parker. *gCaptain*. 6 November 2020. Available from: <https://gcaptain.com/imo-plan-reducing-greenhouse-gas-emissions-from-ships> A virtual meeting of the Intersessional Working Group on Reduction of GHG Emissions from Ships, held during late October, came up with recommendations which will next go before the upcoming meeting of the IMO's all-important Marine Environmental Protection Committee (MEPC).

Seven European countries join forces ahead of MEPC meeting. Tomas Kristiansen. *ShippingWatch*. 5 November 2020. Available from: <https://shippingwatch.com/regulation/article12540913.ece> Seven European countries are hastily forming an alliance to secure a significantly more ambitious climate agreement at the MEPC meeting in ten days.

Tribute to William A. O'Neil. Brenda V. Pimentel. *Manila Times*. 11 November 2020. Available from: <https://www.manilatimes.net/2020/11/11/business/maritime-business/tribute-to-william-a-oneil/794459/> Mr. William O'Neil, former IMO Secretary-General Emeritus passed away last October 29 at age 93.

IMO under pressure to rubber stamp controversial greenhouse gas pact. Adam Corbett. *TradeWinds*. 12 November 2020. Available from: <https://www.tradewindsnews.com/regulation/imo-under-pressure-to-rubber-stamp-controversial-greenhouse-gas-pact/2-1-910696> IMO is facing pressure to adopt a series of controversial measures to reduce greenhouse gas emissions from ships at an environmental meeting next week.

"INTERCARGO supports IMO in approving GHG measures next week". *International Association of Dry Cargo Shipowners (INTERCARGO)*. 12 November 2020. Available from: <https://www.intercargo.org/intercargo-supports-imo-ghg-measures> Ahead of the important IMO MEPC 75 meeting, 16-20 November 2020, INTERCARGO supports the IMO in approving the new mandatory measures that were developed by the 7th session of the Intersessional Working Group on Reduction of Green House Gas Emissions from Ships.

Biden-Harris' First Climate Test Against Trump Next Week at UN Shipping Vote. Nishan Degnarain. *Forbes*. 13 November 2020. Available from: <https://www.forbes.com/sites/nishandegnarain/2020/11/13/biden-harris-first-climate-test-against-trump-next-week-at-un-shipping-vote/?sh=57ef1ce574ed> The UN agency responsible for global shipping, the IMO, is holding a critical vote at its London headquarters, to decide how much global shipping will be allowed to pollute over the next decade.

UN's shipping agency must not backtrack on its own climate plan. WWF. 13 November 2020. Available from: <https://www.wwfadria.org/?uNewsID=1097241> Progress in reducing emissions in the global shipping sector hangs in the balance as a controversial policy recommendation will be decided next week by member countries of the International Maritime Organization.

Islanders and Protestors Reject UN Shipping Climate Proposal As 'Greenwashing'. Nishan Degnarain. *Forbes*. 15 November 2020. Available from: <https://www.forbes.com/sites/nishandegnarain/2020/11/15/islanders-and-protestors-reject-un-shipping-climate-proposal-as-greenwashing/> Next week's vote at the United Nation's Shipping Regulator, the IMO, was facing further acrimony on Sunday evening.

Several fear a useless outcome from this week's MEPC talks. Tomas Kristiansen and Christian Carlsen. *ShippingWatch*. 16 November 2020. Available from: <https://shippingwatch.com/regulation/article12564235.ece> Before IMO's secretary general, Kitack Lim, opens this week's decisive meetings in the MEPC to determine shipping's future CO2 strategy, frustrations and fears of a useless result – or even lack thereof – are spreading.

Summit aims for clean-up of shipping industry. Malcolm Senior. *BBC News*. 16 November 2020. Available from: <https://www.bbc.co.uk/news/science-environment-54958363> Governments from around the world will try to reach agreement on a deal to clean up international shipping this week.

IMO Carbon Plan Draws Fire as MEPC 75 Gets Under Way. *Maritime Executive*. 16 December 2020. Available from: <https://www.maritime-executive.com/article/imo-carbon-plan-draws-fire-as-mepc-75-gets-under-way> The IMO's proposed carbon reduction amendment to MARPOL is drawing criticism from environmental NGOs and high-end shipbuilders as MEPC 75 gets under way.

Marshall Islands and European yards issue warnings as IMO carbon meeting starts. Adam Corbett. *TradeWinds*. 16 November 2020. Available from: <https://www.tradewindsnews.com/regulation/marshall-islands-and-european-yards-issue-warnings-as-imo-carbon-meeting-starts> A Marshall Islands diplomat has called for shipping regulators to reject a series of short-term measures to curb the industry's greenhouse gas emissions.

As IMO meeting gets underway, NGOs urge strengthening of draft heavy fuel oil ban in Arctic. Eilís Quinn. *Radio Canada International (RCI)*. 16 November 2020. Available from: <https://www.rcinet.ca/eye-on-the-arctic/2020/11/16/as-imo-meeting-gets-underway-ngos-urge-strengthening-of-draft-heavy-fuel-oil-ban-in-arctic/> As the IMO Marine Environment Protection Committee meeting gets underway this week, NGOs are calling for the body to rethink its draft heavy fuel oil ban, saying it doesn't do enough to protect the Arctic.

UN agency supporting seafarers caught up in Australia-China shipping crisis. Eryk Bagshaw. *Sydney Morning Herald (Australia)*. 17 November 2020. Available from: <https://www.smh.com.au/world/asia/un-agency-intervenes-in-australia-china-shipping-crisis-20201117-p56fag.html> The United Nations agency responsible for global shipping has become involved in the diplomatic dispute that has left dozens of Indian sailors stranded for months with tonnes of Australian coal in Chinese waters.

UN approves extra steps to curb shipping emissions. Jonathan Saul. *Reuters*. 17 November 2020. Available from: <https://uk.reuters.com/article/idUKL8N2HY6ZD> The United Nations shipping agency on Tuesday approved measures to boost energy efficiency in vessels as part of efforts to reduce the industry's carbon footprint, a UN spokeswoman said.

IMO approves much-discussed proposal on how to lower short-term emissions. Christian Carlsen. *ShippingWatch*. 17 November 2020. Available from: <https://shippingwatch.com/regulation/article12569263.ece> The IMO just approved a proposal that sets out the methods shipping will use to lower its emissions in the short term.

UN shipping agency greenlights a decade of rising greenhouse gas emissions. Eoin Bannon. *Transport & Environment*. 17 November 2020. Available from: <https://www.transportenvironment.org/press/un-shipping-agency-greenlights-decade-rising-greenhouse-gas-emissions> Governments have backtracked on their own commitments to urgently reduce climate-heating emissions from the shipping sector, environmental organisations have said following a key meeting of the IMO today.

Anger as UN body approves deal that allows ship emissions to rise to 2030. Chloé Farand. *Climate Home News*. 17 November 2020. Available from: <https://www.climatechangenews.com/2020/11/17/anger-un-body-approves-deal-allows-ship-emissions-rise-2030/> A package of fuel efficiency measures agreed at the International Maritime Organization is expected to shave just 1% off shipping emissions this decade.

'Extreme folly': IMO approves controversial shipping emissions regulation. Cecilia Keating. *Business Green*. 17 March 2020. Available from: <https://www.businessgreen.com/news/4023545/extreme-folly-imo-approves-controversial-shipping-emissions-regulation> Green groups warn new carbon regulation for the shipping sector will fail to cap industry emissions and thus undermine global climate goals.

Much more ambition needed to clean up shipping. Catherine Chabaud, Jutta Paulus, and Jytte Guteland. *EurActiv*. 17 November 2020. Available from: <https://www.euractiv.com/section/shipping/opinion/much-more-ambition-needed-to-clean-up-shipping/> Three weeks ago, a working group at the IMO proposed measures to tackle greenhouse gas emissions which fall short even of the IMO's own GHG Strategy, and are miles away from the European Union's climate objectives.

IMO approves new emissions measure for ships. Anastassios Adamopoulos. *Lloyd's List*. 17 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134718/IMO-approves-new-emissions-measure-for-ships> The IMO's Marine Environment Protection Committee has approved a hybrid measure that will impose new energy efficiency requirements from 2023 and mandatory carbon intensity targets from 2026.

Small steps taken to make shipping greener. Malcolm Senior. *BBC News*. 18 November 2020. Available from: <https://www.bbc.co.uk/news/science-environment-54985109> The London talks, organised by the IMO, settled on a plan to align the industry with the Paris climate treaty.

UN Shipping Regulator Breaks Climate Pledge. What Next For Global Shipping? Nishan Degnarain. *Forbes*. 18 November 2020. Available from: <https://www.forbes.com/sites/nishandegnarain/2020/11/18/un-shipping-regulator-breaks-climate-pledge--what-next-for-global-shipping/?sh=30537b373792> Country delegates at the UN agency responsible for global shipping voted on Tuesday on a controversial measure that will lead to higher carbon emissions over the decade.

"The alternative to MEPC agreement would have been chaos". Tomas Kristiansen. *ShippingWatch*. 18 November 2020. Available from: <https://shippingwatch.com/regulation/article12570940.ece> The ambitious member states got far from what they were hoping for at this week's meeting of IMO's Marine Environment Protection Committee, MEPC.

All in: decarbonisation requires global, IMO-led approach. Jamey Bergman. *Marine Propulsion & Auxiliary Machinery*. 19 November 2020. Available from: <https://www.rivieramm.com/news-content-hub/tanker-industry-thought-leaders-weigh-in-on-imo-decarbonisation-61846> At Riviera's Tanker Shipping & Trade Conference, Europe, a panel of experts said IMO's efforts are the best option for successful decarbonisation regulation and enforcement in shipping.

IMO welcomes efficiency measures amid criticism of climate complacency. Anastassios Adamopoulos. *Lloyd's List*. 19 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134739/IMO-welcomes-efficiency-measures-amid-criticism-of-climate-complacency> Securing an international consensus for new energy efficiency requirements on existing ships has proved to be a challenging negotiation at the IMO, but the resulting compromise offers a necessary building block for more stringent measures to come, argues IMO secretary general.

International Maritime Organization Discourages Live-Tweeting From Meeting. Toby McIntosh. *Eye on Global Transparency*. 19 November 2020. Available from: <https://eyeonglobaltransparency.net/2020/11/19/international-maritime-organization-discourages-live-tweeting-from-meeting/> The IMO has asked delegates, and the media, to refrain from live-tweeting while attending at a virtual committee meeting on shipping and the environment.

Europe welcomes IMO emissions cutting measure. Anastassios Adamopoulos. *Lloyd's List*. 19 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134767/Europe-welcomes-IMO-emissions-cutting-measure> The European Commission welcomed the IMO approval of a new short-term greenhouse gas measure, but said the scheme falls below the European Union's level of ambition and it still plans to include shipping in its Emissions Trading System.

"It may allow people to do nothing for the next few years". Tomas Kristiansen. *ShippingWatch*. 20 November 2020. Available from: <https://shippingwatch.com/regulation/article12576962.ece> Euronav CEO Hugo de Stoop is disappointed with the result of the MEPC meeting, which he says can "allow people to do nothing".

Shipping industry welcomes IMO decision to give further consideration to USD 5 billion fund to accelerate decarbonisation. *International Chamber of Shipping (ICS)*. 20 November 2020. Available from: <https://www.ics-shipping.org/press-release/shipping-industry-welcomes-imo-decision-to-give-further-consideration-to-usd-5-billion-fund-to-accelerate-decarbonisation/> The UN IMO has given initial consideration to an innovative proposal from the global shipping industry to collectively provide USD 5 billion to accelerate R&D to support its decarbonisation.

Time to chase the devil from the IMO. *Lloyd's List*. 22 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134789/Time-to-chase-the-devil-from-the-IMO> A diluted, tepid brew of short-term efficiency measures was served up at the IMO with the promise of carbon-free jam tomorrow, but it was a compromise that only united the fragmented positions in disappointment.

Time-constrained MEPC closes, plenty on the agenda for next year. Sam Chambers. *Splash 247com*. 23 November 2020. Available from: <https://splash247.com/time-constrained-mepc-closes-plenty-on-the-agenda-for-next-year/> The MEPC closed on Friday, not reaching a decision on the proposal of eight industry organisations to establish a \$5bn R&D fund, from 2023 onwards for the next 10 years, to accelerate the availability of zero-carbon technologies and fuels.

Clarity is Still Lacking For Ship Owners After IMO Meeting. Nikos Roussanoglou. *Hellenic Shipping News*. 23 November 2020. Available from: <https://www.hellenicshippingnews.com/clarity-is-still-lacking-for-ship-owners-after-imo-meeting/> While some issues were addressed, no major breakthrough took place in the fuels arena. In its latest weekly report, shipbroker Gibson said that "this week the IMO agreed short term measures to address climate change.

IMO to develop proposal for \$5bn zero-emission technology fund backed by fuel levy. Adam Corbett. *TradeWinds*. 23 November 2020. Available from: <https://www.tradewindsnews.com/regulation/imo-to-develop-proposal-for-5bn-zero-emission-technology-fund-backed-by-fuel-levy/2-1-916715> IMO member states have agreed to consider establishing a research and development (R&D) body to work toward zero-carbon emission technology for ships.


Disappointment at slow pace of IMO green progress. Adam Sharpe. *Lloyd's List*. 24 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134826/From-the-News-Desk-Disappointment-at-slow-pace-of-IMO-green-progress> A new short-term hybrid technical and operational measure, which will see new energy efficiency requirements from 2023 and mandatory carbon intensity targets from 2026, was approved by the IMO's Marine Environment Protection Committee last week.

Int'l Inuit org disappointed over "weak" heavy fuel oil ban approved by IMO. Eilís Quinn. *Radio Canada International (RCI)*. 24 November 2020. Available from: <https://www.rcinet.ca/eye-on-the-arctic/2020/11/24/intl-inuit-org-disappointed-over-weak-heavy-fuel-oil-ban-approved-by-imo/>
The Inuit Circumpolar Council (ICC), an organization that represents the approximately 180,000 Inuit in Alaska, northern Canada, Greenland, and Chukotka, Russia, says it's disappointed over the heavy fuel oil ban approved by the IMO last week.

The slow-steaming pace of the IMO leaves shipowners stranded. Terry Macalister. *TradeWinds*. 25 November 2020. Available from: <https://www.tradewindsnews.com/opinion/the-slow-steaming-pace-of-the-imo-leaves-shipowners-stranded/2-1-918187> The International Maritime Organization last week crept forward with moves to decarbonise the shipping industry.

MEPC 75: Lack of Regulatory Progress Bad for Industry Orderbook, CO2 Emissions. *Ship & Bunker*. 27 November 2020. Available from: <https://shipandbunker.com/news/world/844164-mepc-75-lack-of-regulatory-progress-bad-for-industry-orderbook-co2-emissions> Last week's draft approvals at the 75th Session of the Marine Environment Protection Committee could spell Bad news for the industry's orderbook and CO2 emissions, according to shipbrokers SSY.

LAW & POLICY

OECS Publishes Blue Economy Case Study. *Organisation of Eastern Caribbean States (OECS)*. 30 October 2020. Available from: <https://pressroom.oecs.org/oecs-publishes-blue-economy-case-study> Riding the wave of success from its inaugural Blue Economy Investors Roundtable at the OECS Sustainable Development Movement, the Caribbean Regional Oceanscape Project, being implemented under the OECS Ocean Governance and Fisheries Programme, has published a landmark document on Blue Economy and Ocean Governance in the Eastern Caribbean. [Blue Economy and Ocean Governance in the Eastern Caribbean](#) 

Seychelles Marine Spatial Plan eyes creation of new independent ocean authority. *Seychelles News Agency*. 30 October 2020. Available from: <http://www.seychellesnewsagency.com/articles/13790> An independent ocean authority is expected to be set up in Seychelles by 2025 to ensure proper monitoring and protection of the Seychelles Exclusive Economic Zone (EEZ).

Maersk Launceston master released as accident probe continues. Gary Dixon. *TradeWinds*. 2 November 2020. Available from: <https://www.tradewindsnews.com/casualties/maersk-launceston-master-released-as-accident-probe-continues/2-1-904369> The Polish captain of an AP Moller-Maersk chartered boxship has been released from custody in Greece following a collision that cut a minesweeper in two last week.

Fisheries Transparency Initiative now headquartered in Seychelles after signing of agreement. *Seychelles News Agency*. 2 November 2020. Available from: <http://www.seychellesnewsagency.com/articles/13752> The principal secretary for the Blue Economy, Kenneth Racombo, said that for Seychelles, hosting the International Secretariat for the Fisheries Transparency Initiative (FiTI) "is an achievement for Seychelles towards promoting transparency and good governance."

The Federal Maritime Commission falls victim to digitalisation. August Braakman. *Splash 247.com*. 2 November 2020. Available from: <https://splash247.com/the-federal-maritime-commission-falls-victim-to-digitalisation/> On March 14 2019 the Federal Maritime Commission approved an agreement among Maersk, MSC, Hapag-Lloyd, CMA CGM and ONE on the development and free availability of common IT standards for the entire shipping industry (the DCSA Agreement).

US election: how has Donald Trump impacted the maritime industry? Adele Berti.

ShipTechnology. 2 November 2020. Available from: <https://www.ship-technology.com/features/us-election-trump-maritime/> As the countdown continues to Tuesday's US presidential election, we spoke to Cozen O'Connor attorney Jeff Vogel to find out about Donald Trump's impact on the maritime industry over the past four years.

Jamoh: Maritime can support Nigeria's economic diversification drive. *Ships & Ports*.

3 November 2020. Available from: <https://shipsandports.com.ng/jamoh-maritime-can-support-nigerias-economic-diversification-drive/> The Director-General of Nigerian Maritime Administration and Safety Agency (NIMASA), Bashir Jamoh, has said that the maritime industry is the best option for the diversification of the nation's economy.

The odyssey of the *Marion Dufresne*, a link with far-flung French territories. *France 24*.

3 November 2020. Available from: <https://www.france24.com/en/tv-shows/you-are-here/20201103-the-odyssey-of-the-marion-dufresne-a-link-with-far-flung-french-territories> For 25 years, the *Marion Dufresne* has been the only regular link with the most remote French territories.

Government of Canada announces contribution to a new Marine Acoustic Research Station in the St. Lawrence Estuary. *Government of Canada*. 4 November 2020. Available from:

<https://www.canada.ca/en/transport-canada/news/2020/11/government-of-canada-announces-contribution-to-a-new-marine-acoustic-research-station-in-the-st-lawrence-estuary.html> The Government of Canada recognizes that marine species are impacted by underwater vessel noise.

Cook Islands govt defends taking plunge on deepsea mining. Johnny Blades. *Radio New Zealand*. 5 November 2020. Available from:

<https://www.rnz.co.nz/international/pacific-news/429915/cook-islands-govt-defends-taking-plunge-on-deepsea-mining> The Cook Islands prime minister has denied that his country is gambling with ocean health by opening up for deep sea mining exploration.

Efforts To Tap Into Blue Economy Sector To Be Scaled Up. Mohamed Hassan. *Kenya News Agency (KNA)*. 5 November 2020. Available from:

<https://www.kenyanews.go.ke/efforts-to-tap-into-blue-economy-sector-to-be-scaled-up/> The newly appointed Kenya Maritime Authority (KMA) Director General Mutegi Njue pledged to develop key structures that will see the full realization of the Multi-Billion blue economy sector.

Biden's Shipping Agency Nominee Could Prove Crucial To U.S. Climate Change Plans.

Nishan Degnarain. *Forbes*. 8 November 2020. Available from:

<https://www.forbes.com/sites/nishandegnarain/2020/11/08/bidens-shipping-agency-nominee-could-prove-crucial-to-us-climate-change-plans/?sh=787e55b51df4> In the upcoming months, there will be around 4000 appointments for the Biden-Harris team to make, 1212 of which will require a Senate confirmation.

Norway plans heavy oil ban around Svalbard. Alexandra Brzozowski. *EurActiv*.

9 November 2020. Available from: <https://www.euractiv.com/section/energy/news/norway-plans-heavy-oil-ban-around-svalbard/> The Norwegian government has announced plans to ban heavy fuel oil, a dirty marine fuel that propels most vessels, around its Svalbard archipelago in the Arctic Ocean.

Reaction to Norway's Proposal for Arctic Ban on Polluting Heavy Fuel Oil in Svalbard. *Clean Arctic Alliance*. 9 November 2020. Available from:

<https://www.hfoffreearctic.org/en/2020/11/09/reaction-to-norways-proposal-for-arctic-ban-on-polluting-heavy-fuel-oil-in-svalbard/> The announcement of Norway's proposal states that "Heavy oil spills can do great damage in the Arctic due to the vulnerable ecosystems and how heavy oil behaves at low temperatures and ice.

BIMCO expects to release autonomous ship contract next year. *ShipTechnology.*

9 November 2020. Available from: <https://www.ship-technology.com/news/bimco-autonomous-ship-contract/> BIMCO, an international shipping association, has adapted its currently used SHIPMAN 2009 agreement for use with autonomous ships and expects to publish the first version of AUTOSHIPMAN agreement next year.

Biden presidency receives mixed reviews from shipping. Michael Juliano. *TradeWinds.*

9 November 2020. Available from: <https://www.tradewindsnews.com/bulkers/biden-presidency-receives-mixed-reviews-from-shipping/2-1-909232> Some brokers predict Biden's green agenda may damage the tanker sector but help shipping overall, while others say an end to the Trump trade wars may benefit bulkers.

Decarbonising Domestic Shipping Industry: Pacific Blue Shipping Partnership. *Government of Fiji.*

10 November 2020. Available from: <https://www.mcttt.gov.fj/publications-resources/press-release/decarbonising-domestic-shipping-industry-pacific-blue-shipping-partnership/> Co-chaired by the Republic of the Marshall Islands (RMI) and Republic of Fiji, the Pacific Blue Shipping Partnership (PBSP) held its first virtual Ministerial Meeting on 5 November 2020.

Frontex calls for committee to consider questions related to sea surveillance. *FRONTEx European Border and Coast Guard Agency.*

10 November 2020. Available from: <https://frontex.europa.eu/media-centre/news-release/frontex-calls-for-committee-to-consider-questions-related-to-sea-surveillance-BMieC8> Today, Frontex Executive Director Fabrice Leggeri has called for the creation of an evaluation committee to consider legal questions related to the Agency's surveillance of external sea borders and accommodating the concerns raised by Member States about "hybrid threats" affecting their national security at external borders where the European Border and Coast Guard Agency will deploy its standing corps.

Technical but strategic: reflections on the institutional mechanisms of a future High Seas Treaty. *Institute for Sustainable Development and International Relations (IDDRI).*

10 November 2020. Available from: <https://www.iddri.org/en/publications-and-events/blog-post/technical-strategic-reflections-institutional-mechanisms-future> The negotiations for the development of a legally binding instrument on high seas biodiversity began at the end of 2017 and are currently suspended due to the public health crisis.


Life Below Water: Ensuring Legal Seafood Starts with Supporting Fisheries Workers.

Courtney Farthing. *Global Fishing Watch.* 11 November 2020. Available from: <https://globalfishingwatch.org/impacts/policy-compliance/life-below-water-fisheries-workers> Transparency of vessel information will protect fisheries observers and help create a culture of compliance.

East Africa has yet to tap its full maritime potential. Ahmed Hersi and Roba D Sharamo.

Institute for Security Studies (ISS). 11 November 2020. Available from: <https://issafrica.org/iss-today/east-africa-has-yet-to-tap-its-full-maritime-potential> Coastal countries account for five of the eight members of the Intergovernmental Authority on Development (IGAD).

Concerning the Detention of Ukrainian Naval Vessels and Servicemen (Ukraine v. the Russian Federation). *Permanent Court of Arbitration (PCA).*

12 November 2020. Available from: <https://docs.pca-cpa.org/2020/11/2020/11/20201112-Press-Release-EN.pdf>  Arbitral Tribunal to hear preliminary objections raised by Russian Federation in preliminary phase.

Modi and Asean call for adherence to international law in SCS. Sachin Parashar.

Times of India. 13 November 2020. Available from: <https://timesofindia.indiatimes.com/india/modi-and-asean-call-for-adherence-to-international-law-in-scs/articleshow/79201819.cms> Amid efforts to finalise a code of conduct for the contested South China Sea waters, where several Asean nations remain embroiled in maritime boundary disputes with China, India joined Asean on Thursday in again reiterating the significance of freedom of navigation and overflight and of adherence to international law, especially the UNCLOS.

Carnival Corporation's North American Brands Extend Pause in Cruise Operations.

Carnival Corporation & plc. 13 November 2020. Available from: <https://bit.ly/37lnvaY/> Carnival Corporation the world's largest cruise company, today announced that its North American cruise line brands will extend their existing pause in operations, suspending cruise voyages between Dec. 1 and Dec. 31, 2020.

Bridging the zero-emission fuel cost premium must be public policy focus. Tristan Smith.

TradeWinds. 17 November 2020. Available from: <https://www.tradewindsnews.com/regulation/bridging-the-zero-emission-fuel-cost-premium-must-be-public-policy-focus/2-1-913821> As nations debate carbon-cut regulations at the IMO, the key focus should be on policies to bridge the early high costs of low-carbon fuel, argues University College London's Tristan Smith.

\$1.6 million funding for 11 new projects to take maritime sector beyond Covid-19. Fabian Koh.

Straits Times. 17 November 2020. Available from: <https://www.straitstimes.com/singapore/transport/16-million-funding-for-11-new-projects-to-take-maritime-sector-beyond-covid-19> Ship crews checking in at Marina South Pier and West Coast Pier to board their vessels have been using self-service kiosks since the start of this month, reducing queueing time and physical interactions during the pandemic.

PM outlines his Ten Point Plan for a Green Industrial Revolution for 250,000 jobs.

UK Government. 18 November 2020. Available from: <https://www.gov.uk/government/news/pm-outlines-his-ten-point-plan-for-a-green-industrial-revolution-for-250000-jobs> Covering clean energy, transport, nature and innovative technologies, the Prime Minister's blueprint will allow the UK to forge ahead with eradicating its contribution to climate change by 2050, particularly crucial in the run up to the COP26 climate summit in Glasgow next year.

Policy Letter: Testing Alternate Components for a Type-Approved Ballast Water

Management System. *US Coast Guard Maritime Commons*. 18 November 2020. Available from: <https://mariners.coastguard.blog/2020/11/18/policy-letter-testing-alternate-components-for-a-type-approved-ballast-water-management-system/> The Coast Guard's Office of Operating and Environmental Standards has published a Policy Letter to provide guidance on the testing and validation of alternate components requested to be used with a type-approved Ballast Water Management System (BWMS).

Carnival Cruise Line Cancels Additional Cruises as it Works to Meet CDC Requirements to Resume Operations in 2021.

Carnival Corporation & plc. 18 November 2020. Available from: <https://www.carnivalcorp.com/news-releases/news-release-details/carnival-cruise-line-cancels-additional-cruises-it-works-meet> Carnival is in the process of building a gradual, phased in approach to resume guest operations, which will focus initially on Miami and Port Canaveral, to be followed by Galveston.

Shipping has another brush with sanctions as US hits at Iran again. Matt Coyne. *TradeWinds*.

18 November 2020. Available from: <https://www.tradewindsnews.com/containerships/shipping-has-another-brush-with-sanctions-as-us-hits-at-iran-again/2-1-915245> One ship and two shipping companies have been blacklisted by the US as outgoing president Donald Trump slaps ever-more Iranian companies with sanctions.

Legislation passed to improve standards in merchant shipping industry. *Jamaica Observer*. 18 November 2020. Available from:

http://www.jamaicaobserver.com/latestnews/Legislation_passed_to_improve_standards_in_merchant_shipping_industry The Shipping (Amendment) Act, which is designed to make better provisions for standards and behaviours within the merchant shipping industry nationally and internationally, was passed in the House of Representatives yesterday.

China's Belt and Road mega-plan may devastate the world's oceans, or help save them.

Mischa Turschwell, Christopher Brown and Ryan Pearson. *The Conversation*. 19 November 2020. Available from: <https://theconversation.com/chinas-belt-and-road-mega-plan-may-devastate-the-worlds-oceans-or-help-save-them-150176> China's signature foreign policy, the Belt and Road initiative, has garnered much attention and controversy.

Crew change: key worker designation is key. Craig Jallal. *Tanker Shipping & Trade*.

19 November 2020. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/crew-change-key-worker-designation-is-key-61864> The fact that seafarers have not been universally classed as key workers means crew changes have become extremely difficult, delegates to Riviera's Tanker Shipping & Trade, Europe virtual conference were told.

Iran reportedly seizes Panama-flagged tanker over fuel smuggling. Matt Coyne. *TradeWinds*.

20 November 2020. Available from: <https://www.tradewindsnews.com/tankers/iran-reportedly-seizes-panama-flagged-tanker-over-fuel-smuggling/2-1-916769> Iran's Revolutionary Guard Corps have reportedly seized a Panamanian-flagged tanker over allegations it was smuggling oil.

Key West Bans Large Ships to Protect Environment. Tiffany Duong. *EcoWatch*.

21 November 2020. Available from: <https://www.ecowatch.com/key-west-bans-large-ships-2648990816.html> Despite being a well-known port of call on the Caribbean cruise circuit, the City of Key West voted to ban large cruise ships from visiting and to restrict foot traffic from vessels.

'All people' should avoid travel on cruise ships, CDC warns. Francesca Street. *CNN*.

23 November 2020. Available from: <https://edition.cnn.com/travel/article/cruise-ship-cdc-warning/index.html> The US Centers for Disease Control and Prevention has upped its warning on cruise ships, now advising that "all people avoid travel on cruise ships."


Analysis: Tested by taxonomy - EU green finance rules leaky for ships, tight for houses.



Kate Abnett and Simon Jessop. *Reuters*. 23 November 2020. Available from: <https://www.reuters.com/article/europe-regulations-sustainable/analysis-tested-by-taxonomy-eu-green-finance-rules-leaky-for-ships-tight-for-houses-idUSL8N2I91V3> Months of EU deliberation to decide which business activities can be marketed as green investments have produced a set of draft standards some finance officials and NGOs say are lax for the polluting shipping sector and challenging for buildings.

Joe Biden picks John Kerry as the US' presidential envoy on climate change. Chloé Farand.

Climate Home News. 23 November 2020. Available from: <https://www.climatechangenews.com/2020/11/23/joe-biden-picks-john-kerry-us-first-presidential-envoy-climate-change/> Kerry, who signed the Paris climate Agreement on behalf of the US in 2016, will work to address climate change at home and abroad full time as part of Biden's new administration and will sit on the National Security Council as the first official dedicated to climate action.

Global Travel Taskforce recommendations. *UK Government*. 24 November 2020. Available from:

<https://www.gov.uk/government/publications/global-travel-taskforce-recommendations> The report sets out the recommendations made by the government's Global Travel Taskforce to support the international travel and tourism industries. [Report of the Global Travel Taskforce](#) 


Special Report 26/2020: Marine environment: EU protection is wide but not deep. *European Court of Auditors*. 26 November 2020. Available from: <https://www.eca.europa.eu/en/Pages/DocItem.aspx?did=57066> In this report, we examine how this challenge is addressed by key EU policies and spending programmes in parts of the Atlantic and the Mediterranean. [Press Release](#)  [Special Report](#) 

Labour urges government to include international shipping emissions in CO2 targets. Jon Stone. *The Independent*. 29 November 2020. Available from: <https://www.independent.co.uk/news/uk/politics/climate-change-labour-maritime-international-shipping-target-ccc-b1762997.html> The government is being urged to "take responsibility" for the UK's share of carbon emissions from international shipping after it quietly agreed to let the sector spew out even more CO2.

MARINE TECHNOLOGY

The how, why, and when of ballast water testing. Craig Jallal. *Ballast Water Treatment Technology*. 6 November 2020. Available from: <https://www.rivieramm.com/news-content-hub/the-how-why-and-when-of-ballast-water-testing-61607> Experts at Riviera's Ballast water testing and compliance: match fit and fit-for-purpose? webinar discussed when ballast water testing might become universally required and how to achieve installation to ensure the ballast water output will comply.

Ballast water implementation: 'the gift that keeps on giving'. Craig Jallal. *Ballast Water Treatment Technology*. 9 November 2020. Available from: <https://www.rivieramm.com/news-content-hub/ballast-water-the-gift-that-keeps-on-giving-61630> Decades of regulatory development have brought the industry to the point where ballast water treatment system implementation is well underway, but closure is still a long way off.

The First Wave – A blueprint for commercial-scale zero-emission shipping pilots. *Global Maritime Forum*. 11 November 2020. Available from: <https://www.globalmaritimeforum.org/publications/the-first-wave-a-blueprint-for-commercial-scale-zero-emission-shipping-pilots/> To deploy zero emission vessels globally, new and existing stakeholders will need to work together in creating a new green shipping value chain. [Report](#) 

MCA drives forward world-leading smart shipping innovation. *UK Maritime & Coastguard Agency*. 11 November 2020. Available from: <https://maritimecoastguard.blogspot.com/2020/11/mca-drives-forward-world-leading-smart.html> MARLab was created two years ago when it was clear that the smart and autonomous shipping industries were developing faster than the regulation could keep up with.

Technology will help maritime transport navigate through the pandemic—and beyond. Yin Lam. *World Bank*. 17 November 2020. Available from: <https://blogs.worldbank.org/transport/technology-will-help-maritime-transport-navigate-through-pandemic-and-beyond> Maritime transport is the backbone of the global economy, accounting for over 90% of cross-border trade.

Alfa Laval launches marine system for reduction of greenhouse gases. *Alfa Laval*. 18 November 2020. Available from: <https://www.alfalaval.com/media/news/investors/2020/alfa-laval-launches-marine-system-for-reduction-of-greenhouse-gases/> The new Alfa Laval PureCool system, in combination with WinGD's iCER technology targets an unaddressed emission source: methane slip, which is the small percentage of unburned methane that escapes through the engine when LNG is used as fuel.

A New Generation of Autonomous Vessels Is Looking to Catch Illegal Fishers. Vanessa Minke-Martin. *Smithsonian Magazine*. 19 November 2020. Available from: <https://www.smithsonianmag.com/innovation/new-generation-autonomous-vessels-looking-catch-illegal-fishers-180976336/> The first time engineers from Open Ocean Robotics pushed Scooby, a three-meter robotic boat, onto a lake near their office in Victoria, British Columbia, the small craft drove straight into the bushes.

MOL's New App Boosts Efficiency with Real-time Processing of Ship Operational Data. *Mitsui OSK Lines*. 20 November 2020. Available from: <https://www.mol.co.jp/en/pr/2020/20077.html> President & CEO, Junichiro Ikeda today announced that, along with MOL Group company MOL Information Systems, Ltd., it has developed and introduced the Online ABLOG web application, which processes and utilizes abstract log data, improving operational efficiency both onboard and on shore.

Video: World's First Nighttime Drone Delivery From Shore to Ship. *Maritime Executive*. 20 November 2020. Available from: <https://www.maritime-executive.com/article/f-drones-completes-world-s-first-nighttime-drone-delivery-to-a-ship> Singaporean maritime drone company F-drones has completed what it believes to be the first commercial drone delivery at night.

Maritime UK launches new guidance on autonomous vessels. *Maritime UK*. 24 November 2020. Available from: <https://www.maritimeuk.org/media-centre/news/news-maritime-uk-launches-new-guidance-autonomous-vessels/> The accelerating pace of change in maritime autonomy has required updated guidance for those owning and operating Maritime Autonomous Ship Systems (MASS), previously referred to as Maritime Autonomous Surface Ships. [MASS UK Industry Conduct Principles and Code of Practice 2020 \(V4\)](#)

Air emissions and water pollution discharges from ships with scrubbers. Bryan Comer, Elise Georgeff and Liudmila Osipova. *International Council on Clean Transportation (ICCT)*. 24 November 2020. Available from: <https://theicct.org/publications/air-water-pollution-scrubbers-2020> The number of ships using exhaust gas cleaning systems, better known as “scrubbers,” has grown from just three ships in 2008 to more than 4,300 in 2020. [Report](#) [Supplemental Material](#)

Study calls for scrubber discharge ban despite IMO 2020 mandate. Michael Juliano. *TradeWinds*. 26 November 2020. Available from: <https://www.tradewindsnews.com/regulation/study-calls-for-scrubber-discharge-ban-despite-imo-2020-mandate/2-1-918301> A study by an environmental research group has concluded that countries should ban or restrict discharge from exhaust gas scrubbers.

Scrubber ban debate reignites. Sam Chambers. *Splash 247com*. 26 November 2020. Available from: <https://splash247.com/scrubber-ban-debate-reignites/> The scrubber ban debate has been reignited with a new 36-page report from the Washington DC-based International Council on Clean Transportation which urges governments and the International Maritime Organization to phase out all scrubbers.

MARITIME EDUCATION & TRAINING

Maritime Charities Launch COVID-19 Training and Redundancy Fund for Seafarers.

Merchant Navy Welfare Board (MNWB). 3 November 2020. Available from:

<https://www.mnwb.org/blog-page/2020-11-03/maritime-charities-launch-covid-19-training-and-redundancy-fund-for-seafarers>

The Maritime Charities Group (MCG), together with MCG members the Merchant Navy Welfare Board and Trinity House, has joined forces with the Marine Society to launch a bursary fund for seafarer training.

MOU signed between MCA and University of Southampton. *University of Southampton.*

24 November 2020. Available from: <https://www.southampton.ac.uk/news/2020/11/mca-southampton-memorandum-of-understanding.page> A partnership joining maritime expertise with top level research programmes will continue the drive to put the UK at the forefront of technology on maritime autonomy and emissions reduction.

MOU signed with Batumi State Maritime Academy. *World Maritime University (WMU).*

26 November 2020. Available from: <https://www.wmu.se/news/mou-signed-with-batumi-state-maritime-academy> On 26 November, a Memorandum of Understanding was signed in a virtual ceremony between the World Maritime University and Batumi State Maritime Academy (BSMA).

Classic Hurtigruten Cruise Ship to Serve as Training Ship. *Maritime Executive.*

25 November 2020. Available from: <https://www.maritime-executive.com/article/classic-hurtigruten-cruise-ship-to-serve-as-training-ship> With the never-ending cruise shutdown set to extend into 2021, multiple lines have been scrapping older tonnage in a bid to bring down their overhead.

MARITIME SAFETY

USCG issues FAQs on life-saving appliances. *Safety4Sea.* 2 November 2020. Available from:

<https://safety4sea.com/uscg-issues-faqs-on-life-saving-appliances/> USCG Office of Design and Engineering Standards, released FAQs focused on IMO Resolution MSC.402(96) and Navigation and Vessel Inspection Circular (NVIC) 03-19.

Containership fires - keeping up the pressure for change. *Gard.* 3 November 2020.

Available from: <http://www.gard.no/web/updates/content/30649999/containership-fires-keeping-up-the-pressure-for-change> Although important steps are being taken to address the problem of containership fires, Gard estimates that so far in 2020, there have been one fire involving containerized cargo every two weeks.

The Lloyd's List Podcast: Why are so many boxships burning? *Lloyd's List.* 6 November 2020.


Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134561/The-Lloyds-List-Podcast-Why-are-so-many-boxships-burning> Containerships are averaging one fire every two weeks so far in 2020, so while we have not seen a *Yantian Express*, *Maersk Honam* or an *MSC Flaminia* hit the headlines, the likelihood of a large casualty is largely down to luck rather than any improvement in the risk management of this too often overlooked situation.

Handling dangerous goods in the wake of the Beirut explosion. *Adele Berti. ShipTechnology.*

12 November 2020. Available from: <https://www.ship-technology.com/features/dangerous-goods-beirut-explosion/> The blast that killed hundreds of people in the Lebanese port of Beirut earlier in August has left many wondering what could have been done to prevent the tragedy.

Threat to seafarers in enclosed spaces rises in Covid-19 crisis. *Adam Corbett. TradeWinds.*

16 November 2020. Available from: <https://www.tradewindsnews.com/casualties/threat-to-seafarers-in-enclosed-spaces-rises-in-covid-19-crisis/2-1-911509> The threat to seafarers entering toxic enclosed spaces is being compounded by the Covid-19 pandemic, the Standard Club has warned.

Cargo and cargo hold ventilation guide launched by Standard Club, Intercargo and DNV GL. *Standard Club*. 25 November 2020. Available from: <https://bit.ly/3omHBxz> This guide aims to provide ship's masters and crew with a clear and concise understanding of the ventilation requirements for various cargoes and covers the main aspects on how and when to ventilate to control the humidity and to remove flammable and toxic gases released from cargoes. [Cargo and Cargo Holding Ventilation](#) 

MARITIME SECURITY

Stowaway threat to shipping. Brett Hosking and Calum Finch. *Standard Club*. 26 October 2020. Available from: <https://www.standard-club.com/risk-management/knowledge-centre/news-and-commentary/2020/10/article-stowaway-threat-to-shipping.aspx> The dramatic events of Sunday evening 25 October 2020 off the UK coast brought mainstream media attention to an issue that has long been present for international shipping.

What the *Nave Andromeda* incident tells us about UK maritime security. Scott Edwards and Tim Edmunds. *Safe Seas*. 30 October 2020. Available from: <http://www.safeseas.net/what-the-nave-andromeda-incident-tells-us-about-uk-maritime-security/> On October 25th at around 10am, just off the coast of the Isle of Wight, seven stowaways turned violent and threatened the crew of the *Nave Andromeda*, sparking concerns of a hijacking and intervention by the coastguard and police.

International Counter Piracy Operation blows through the Gulf of Aden. *Combined Maritime Forces (CMF)*. 1 November 2020. Available from: <https://combinedmaritimeforces.com/2020/11/01/international-counter-piracy-operation-blows-through-the-gulf-of-aden/> With the monsoon season – which makes sea conditions favourable for smaller shipping vessels – over, a large multinational counter piracy operation has been conducted by the Combined Maritime Forces in the Gulf of Aden.

U.S. Coast Guard Cutter *Sequoia* returns from deployment that furthered joint maritime safety and security improvements with the Republic of Palau. *United States Coast Guard*. 2 November 2020. Available from: <https://content.govdelivery.com/accounts/USDHSCG/bulletins/2a9aca9> The mission was an ongoing effort between the U.S. Coast Guard, U.S. Embassy Koror, U.S. Department of the Interior, and Palau to improve the aids to navigation infrastructure and further Palau's maritime transportation system.

People traffickers target ship agents, warns ITIC. *Hellenic Shipping News*. 3 November 2020. Available from: <https://www.hellenicshippingnews.com/people-traffickers-target-ship-agents-warns-itic/> ITIC – International Transport Intermediaries Club – is warning its ship and port agent members to be aware of approaches from people traffickers attempting to smuggle illegal immigrants through their ports.

Invest in maritime cyber security as you would fire prevention. Martyn Wingrove. *Maritime Optimisation & Communications*. 3 November 2020. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/invest-in-cyber-security-as-you-would-in-fire-prevention-61552> At the Maritime Cyber Risk Management virtual conference, cyber security experts from AP Moller-Maersk, Inmarsat and the Danish Maritime Authority discussed the maritime cyber security outlook for 2021 and the likelihood the shipping industry will again be caught up in a state-sponsored cyber attack.

Maritime cyber-center established in Norway. *Norwegian Shipowners' Association*. 3 November 2020. Available from: <https://rederi.no/en/aktuelt/2020/maritime-cyber-center-established-in-norway/> The Norwegian shipping industry is currently in the process of establishing an internationally leading center to meet the growing threat of cyber crime.

ReCAAP ISC warning: Three incidents against ships in Singapore Strait in one night. *Safety at Sea*. 9 November 2020. Available from: <https://safety4sea.com/recaap-isc-warning-three-incidents-against-ships-in-singapore-strait-in-one-night/> In the night of 8 to 9 Nov., three incidents of armed robbery against ships occurred onboard ships while underway in the eastbound lane of the Traffic Separation Scheme in the Singapore Strait, ReCAAP ISC said in a new Incident Alert to shipping.

Italian Frigate Saves Tanker from Pirates in Gulf of Guinea. *Maritime Executive*. 9 November 2020. Available from: <https://www.maritime-executive.com/article/photos-italian-frigate-saves-tanker-from-pirates-in-gulf-of-guinea> This weekend, an Italian Navy frigate rescued the product tanker *Torm Alexandra* from a pirate attack in the Gulf of Guinea.

Denmark wants to increase maritime security in Gulf of Guinea. Dag Holmstad. *ShippingWatch*. 11 November 2020. Available from: <https://shippingwatch.com/regulation/article12553930.ece> The Danish Minister of Defense, Trine Bramsen, is alarmed about the escalating piracy attacks in the Gulf of Guinea and is now exploring possibilities for Denmark to intervene.

Maritime Piracy, a resurgent business and other threats to Shipping. Anastasios Maraslis. *All About Shipping*. 17 November 2020. Available from: <https://allaboutshipping.co.uk/2020/11/17/maritime-piracy-a-resurgent-business-and-other-threats-to-shipping/> A black flag showing a skull and crossbones automatically flashes through our minds each time we read or hear the word 'piracy' – I suspect that there must be a neurolinguistic programming into our minds since we were in our youth.

Armed guards 'not the answer' to piracy threat. Declan Bush. *Lloyd's List*. 19 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134768/Armed-guards-not-the-answer-to-piracy-threat> Many more kidnappings have led shipowners to call for armed guards on ships transiting the Gulf of Guinea.

Concerned minister met with shipping companies. *Danish Shipping*. 20 November 2020. Available from: <https://www.danishshipping.dk/en/press/news/concerned-minister-met-with-shipping-companies> Danish Minister of Defence Trine Bramsen today met with Jacob Meldgaard, Chairman of Danish Shipping and CEO of TORM and the only item on the agenda was the security situation in the Gulf of Guinea, which is being ravaged by piracy.

Libya: Operation IRINI inspected a Turkish-flagged vessel. *Operation EUNAVFOR MED IRINI*. 23 November 2020. Available from: <https://www.operationirini.eu/libya-operation-irini-inspected-turkish-flagged-vessel/> Yesterday afternoon, November 22, Operation IRINI boarded and inspected the Merchant Vessel (MV) *ROSELINE A*, a Turkish-flagged general Cargo vessel – in application of the United Nation Security Council's Resolutions 2292 (2016) and 2526 (2020) – concerning the arms embargo on Libya.

Navy's Support for the Maritime Deep Blue Project. *This Day (Nigeria)*. 23 November 2020. Available from: <https://www.thisdaylive.com/index.php/2020/11/23/navys-support-for-the-maritime-deep-blue-project/> As the Nigerian Maritime Administration and Safety Agency's Deep Blue Project, a security structure designed to secure all anchorage areas in the nation's maritime domain, is gradually coming to fruition, Chiemelie Ezeobi writes on the valuable support expected from the Nigerian Navy in giving covering at sea and manning the special mission vessels.

MIGRANTS

Shipping back on front line of migrant crisis. *Lloyd's List*. 3 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134527/From-the-News-Desk-Shipping-back-on-front-line-of-migrant-crisis> A dramatic incident off the UK coastline involving stowaways and the British special forces once again highlighted how commercial shipping is at the mercy of complex political issues that show no signs of being resolved.

Libya: Nearly 1,000 migrants intercepted at sea and returned to Libya in 3 days. *InfoMigrants*. 4 November 2020. Available from: <https://www.infomigrants.net/en/post/28284/libya-nearly-1-000-migrants-intercepted-at-sea-and-returned-to-libya-in-3-days> Within three days, Libya's coast guard intercepted 935 migrants in the Mediterranean and returned them to Libya.

Canary Islands sees 1,600 migrants arrive over weekend. *BBC News*. 8 November 2020. Available from: <https://www.bbc.co.uk/news/world-europe-54864968> More than 1,600 African migrants have been rescued at sea or reached Spain's Canary Islands over the weekend.

Migrants brought to UK as six boats intercepted. *BBC News*. 9 November 2020. Available from: <https://www.bbc.co.uk/news/uk-england-kent-54873296> Eighty migrants in six boats have been intercepted by Border Force officials in the English Channel.

Same day, different fates: 88 rescued, at least 13 drowned in central Mediterranean on Tuesday. Emma Wallis. *InfoMigrants*. 11 November 2020. Available from: <https://www.infomigrants.net/en/post/28450/same-day-different-fates-88-rescued-at-least-13-drowned-in-central-mediterranean-on-tuesday> For migrants crossing the Mediterranean from Libya towards Europe on Tuesday, November 10, it was literally a matter of life and death.

More tragedy on the Mediterranean as 74 migrants reportedly drown off Libya coast. *UN News*. 12 November 2020. Available from: <https://news.un.org/en/story/2020/11/1077552> The International Organization for Migration on Thursday reported yet another devastating shipwreck in the Central Mediterranean, which has claimed the lives of at least 74 migrants off the coast of Khums, Libya.

Carnage in the Mediterranean is the direct result of European state policies. *Medecins Sans Frontieres (MSF)*. 13 November 2020. Available from: <https://www.msf.org/eu-policies-blame-refugee-shipwrecks-central-mediterranean> The last few days have produced one of the most lethal episodes in the central Mediterranean Sea so far this year, with more than 100 people dying at sea in four separate shipwrecks within less than 72 hours.

Total of 72 arrests as fishing boat carrying Albanian migrants intercepted near Suffolk coast. Tom Potter. *East Anglian Daily Times (UK)*. 18 November 2020. Available from: <https://www.eadt.co.uk/news/suffolk-coast-belgian-fishing-boat-people-smuggling-arrests-6552454> In total, UK law enforcement agencies arrested all 72 people on board a 30m fishing vessel sailing from the Ostend area of Belgium.

2020 Death Toll in West Africa Sea Route Tops 500 Amid Uptick in Departures. *International Organization for Migration (IOM)*. 20 November 2020. Available from: <https://www.iom.int/news/2020-death-toll-west-africa-sea-route-tops-500-amid-uptick-departures> The International Organization for Migration (IOM) is extremely concerned about the increase in deaths recorded on the West Africa route to the Canary Islands.

Risking it all for a better life: Canary Islands see a dramatic rise in number of migrants arriving by sea. Alex Rossi. *Sky News*. 24 November 2020. Available from: <https://news.sky.com/story/risking-it-all-for-a-better-life-canary-islands-sees-a-dramatic-rise-in-number-of-migrants-arriving-by-sea-12140530> 🇵🇸 Unsteady on their feet but alive, migrants shuffle onto the dock at the port in Arguineguin, Gran Canaria.

Seven die as migrant boat capsizes off coast of Lanzarote. *Sky News*. 25 November 2020. Available from: <https://news.sky.com/story/seven-die-as-migrant-boat-capsizes-off-coast-of-lanzarote-12141870> 📰 The boat was one of 12 intercepted overnight and some 300 people in other boats were rescued, but one died later.

Death toll surges as migrants try to reach Europe. *PSB NewsHour (US)*. 27 November 2020. Available from: <https://www.pbs.org/newshour/show/death-toll-surges-as-migrants-try-to-reach-europe> 📰 There's been a surge in the numbers of people drowning in the Mediterranean Sea and the Atlantic Ocean as migrants from Africa try to reach Europe.

UK and France sign new agreement to tackle illegal migration. *UK Government*. 28 November 2020. Available from: <https://www.gov.uk/government/news/uk-and-france-sign-new-agreement-to-tackle-illegal-migration> New agreement reached by the Home Secretary and her French counterpart today to tackle migrant activity in the Channel.

NAVIGATION & COMMUNICATIONS

VOX POPULI: Made obsolete by GPS, lighthouses still sign of home for those at sea. *Asahi Shimbun (Japan)*. 2 November 2020. Available from: <http://www.asahi.com/ajw/articles/13893694> Nouko Lighthouse in Niigata Prefecture, perched atop a small rock jutting out in the Sea of Japan, was the object of my recent trip to the city of Itoigawa in the northern Japanese prefecture.

An underwater navigation system powered by sound. Daniel Ackerman. *Massachusetts Institute of Technology (US)*. 2 November 2020. Available from: <https://news.mit.edu/2020/underwater-gps-navigation-1102> New approach could spark an era of battery-free ocean exploration, with applications ranging from marine conservation to aquaculture.

Britain's new polar ship, 'Boaty McBoatface', heads for open seas. Phil Noble. *Reuters*. 3 November 2020. Available from: <https://uk.reuters.com/article/us-britain-ship-attenborough-idUKKBN27J1DR> 📰 Britain's new polar ship, the *Sir David Attenborough*, headed for the open seas on Tuesday to start trials after a storm delay, before making its maiden voyage to Antarctica next year for climate change research.

Ireland poised to be first in the world to map its entire seabed. Sylvia Thompson. *Irish Times*. 5 November 2020. Available from: <https://www.irishtimes.com/news/science/ireland-poised-to-be-first-in-the-world-to-map-its-entire-seabed-1.4393332> Fury is the joint manager – with Sean Cullen from the Geological Survey Ireland – of the integrated mapping for the sustainable development of Ireland's marine resources (Infomar), a project funded by the Department of Environment, Climate and Communications.

Operating under the radar - The complexity behind unpicking sanctions evasions. Jeremy Domballe. *IHS Markit*. 5 November 2020. Available from: <https://ihsmarkit.com/research-analysis/operating-under-the-radar-the-complexity-behind-sanctions.html> As regulators continue to clamp down within the sanctions space, it's becoming apparent how historically some players would try to circumvent traditional screening methods in order to continue operating under the radar... or under AIS in this case.

Ships reroute as Beijing bans wide array of Australian products. Sam Chambers. *Splash 247com*. 6 November 2020. Available from: <https://splash247.com/ships-reroute-as-beijing-bans-wide-array-of-australian-products/> Beijing is barring an ever longer list of Australian products and commodities from entering the People's Republic, creating significant vessel backlogs and ships rerouting to alternate market places.

Detecting pollution from individual ships from space. *European Space Agency (ESA).*
9 November 2020. Available from: <https://bit.ly/2X27J4M> For the first time, scientists, using data from the Copernicus Sentinel-5P satellite, are now able to detect nitrogen dioxide plumes from individual ships from space.

Real-time maps show ocean currents in the Arctic. *Alice Bailey. University of Alaska Fairbanks.*
9 November 2020. Available from: <https://news.uaf.edu/real-time-maps-show-ocean-currents-in-the-arctic/> Researchers at the University of Alaska Fairbanks College of Fisheries and Ocean Sciences are creating real-time images of ocean current speed and direction in the Bering, Beaufort and Chukchi seas using high-frequency radar systems along the coast.

OCIMF publishes Recommendations on Usage of ECDIS and Preventing Incidents. *Tanker Operator.* 12 November 2020. Available from: <http://www.tankeroperator.com/news/ocimf-publishes-recommendations-on-usage-of-ecdis-and-preventing-incidents/11977.aspx> The Oil Companies International Marine Forum (OCIMF) has released a new information paper, Recommendations on Usage of ECDIS and Preventing Incidents, which provides guidance to enhance policies and procedures regarding the safe use of Electronic Chart Display and Information Systems (ECDIS).

Recommendations on Usage of ECDIS and Preventing Incidents. *Oil Companies International Marine Forum (OCIMF).* November 2020. Available from: <https://www.ocimf.org/media/169980/recommendations-on-usage-of-ecdis-and-preventing-incidents.pdf> High standards of navigational are crucial for the safety of crew members, protection of the marine environment and to safeguard vessels and cargoes.

Commercial Navigation Along the Northern Sea Route: Prospects and Impacts. *International Transport Forum.* 13 November 2020. Available from: <https://www.itf-oecd.org/sites/default/files/docs/commercial-shipping-northern-sea-route.pdf> An increasing body of literature discusses opportunities for commercial shipping along the Northern Sea Route (NSR), a shipping route along the Arctic that significantly reduces travel distance between Northwest Europe and East Asia.

UKHO announces the release of the Seabed Mapping Service. *UK Hydrographic Office.*
20 November 2020. Available from: <https://www.gov.uk/government/news/ukho-announces-the-release-of-the-seabed-mapping-service> The UK Hydrographic Office (UKHO) has launched a new Beta version of its Seabed Mapping Service, now available via the ADMIRALTY Marine Data Portal.

NASA, US and European Partners Launch Mission to Monitor Global Ocean. *NASA.*
21 November 2020. Available from: <https://www.nasa.gov/press-release/nasa-us-and-european-partners-launch-mission-to-monitor-global-ocean/> A joint U.S.-European satellite built to monitor global sea levels lifted off on a SpaceX Falcon 9 rocket from Space Launch Complex 4E at Vandenberg Air Force Base in California Saturday at 9:17 a.m. PST (12:17 p.m. EST).

Hydrospatial and the Marine Environment: The First Steps to Going Beyond Charting. *Rafael Ponce. Hydro International.* 23 November 2020. Available from: <https://www.hydro-international.com/content/article/hydrospatial-and-the-marine-environment> Hydrographic offices today exist in a world of accelerating technological change that is influencing human behaviour and creating new needs and ways of exploiting data to understand our world.

Calls grow for terrestrial back-up plans in case of satellite failure. *Nautilus International.*
26 November 2020. Available from: <https://www.nautilusint.org/en/news-insight/news/calls-grow-for-terrestrial-back-up-plans-in-case-of-satellite-failure/> Concerns are increasing among Nautilus members about the worldwide abandonment of land-based alternatives to satellite communications.

PIRACY

Kidnapped Seatrade crew released by pirates. Jason Jiang. *Splash 247com*. 6 November 2020. Available from: <https://splash247.com/kidnapped-seatrade-crew-released-by-pirates/> Reefer specialist Seatrade has announced that two crewmembers from the company's vessel *Water Phoenix*, who were taken hostage off the coast of Lagos in September, have been released after eight weeks in captivity.

Call for action after pirate attack on Torm ship. Trine Vestergaard. *ShippingWatch*. 9 November 2020. Available from: <https://shippingwatch.com/carriers/Tanker/article12547166.ece> Following Saturday's pirate attack on *Torm Alexandra*, industry association Danish Shipping now thinks security in the Gulf of Guinea must be raised.

Sea Shepherd Vessel Approached as Pirates Grow More Brazen. *Maritime Executive*. 10 November 2020. Available from: <https://www.maritime-executive.com/article/sea-shepherd-vessel-among-approaches-as-pirates-grow-more-brazen> Security experts recently warned that it was likely that there would be an increase in sea piracy activity in the Gulf of Guinea as the seasonal weather improved in the region.

Pirate Attack: Italian Navy Protects Tanker in Gulf of Guinea. Mike Schuler. *gCaptain*. 12 November 2020. Available from: <https://gcaptain.com/italian-navy-deters-pirate-attack-gulf-of-guinea/> The Italian Navy chased off a group of pirates attempting to attack a tanker this week in international waters off Benin in the Gulf of Guinea.

14 crew kidnapped from Chinese heavylift vessel in the Gulf of Guinea. Jason Jiang. *Splash 247com*. 16 November 2020. Available from: <https://splash247.com/14-crew-kidnapped-from-chinese-heavylift-vessel-in-gulf-of-guinea/> The 1998-built semi-submersible heavylift vessel *Zhen Hua 7* was boarded by pirates near Sao Tome in the Gulf of Guinea on Friday, resulting in the kidnapping of 14 crew from the vessel.

Mounting piracy off Gulf of Guinea unsettles tanker owners. Eklavya Gupte and Chris To. *S&P Global Platts*. 16 November 2020. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/111620-mounting-piracy-off-gulf-of-guinea-unsettles-tanker-owners> The calm waters of the Gulf of Guinea off West Africa have seen piracy rise sharply in recent months, prompting oil tanker owners to rethink their options on a key transit route.

Five crew kidnapped off Nigeria. Jason Jiang. *Splash 247com*. 17 November 2020. Available from: <https://splash247.com/five-crew-kidnapped-off-nigeria/> Criminal syndicates are trawling the seas off West Africa, swooping for kidnap-for-ransom targets with security firms describing the current risk levels as critical.

Bunkering vessel hijacked in Gulf of Guinea. Jason Jiang. *Splash 247com*. 19 November 2020. Available from: <https://splash247.com/bunkering-vessel-hijacked-in-gulf-of-guinea/> The piracy situation in the Gulf of Guinea continues to be critical with yet another hijacking incident occurring near south Lome this week.

'Strange case': three seafarers kidnapped from bunker tanker off Nigeria. Gary Dixon. *TradeWinds*. 23 November 2020. Available from: <https://www.tradewindsnews.com/tankers/strange-case-three-seafarers-kidnapped-from-bunker-tanker-off-nigeria/2-1-917170> Security consultancies are linking a raid on the *Stelios K* to a business dispute rather than an opportunistic piracy incident.

Pirates abduct 10 seafarers from cargoship off Nigeria. Gary Dixon. *TradeWinds*. 26 November 2020. Available from: <https://www.tradewindsnews.com/casualties/pirates-abduct-10-seafarers-from-cargoship-off-nigeria/2-1-920117> Pirates have kidnapped 10 crew members from a St Kitts-flagged general cargoship boarded off Nigeria.

Nigeria: Greek crew held hostage after kidnapping off West Africa. *Deutsche Welle (Germany)*. 29 November 2020. Available from: <https://www.dw.com/en/nigeria-greek-crew-held-hostage-after-kidnapping-off-west-africa/a-55763024> Greek authorities say negotiations are underway to free three sailors kidnapped off the Nigerian coast. Analysts warn there has been a "sharp increase" in incidents in the Gulf of Guinea.

Four seafarers kidnapped from Marinakis product tanker off Ghana. Gary Dixon. *TradeWinds*. 30 November 2020. Available from: <https://www.tradewindsnews.com/tankers/four-seafarers-kidnapped-from-marinakis-product-tanker-off-ghana/2-1-921164> West African pirates boarded a tanker managed by Evangelos Marinakis-controlled Capital Ship Management on Sunday night, kidnapping four crew members.

PORT STATE CONTROL

AMSA orders cargo ship *Brio Faith* to repatriate seafarers who have been onboard for up to 20 months with no leave. *Australian Maritime Safety Authority (AMSA)*. 5 November 2020. Available from: <https://www.amsa.gov.au/news-community/news-and-media-releases/amsa-orders-cargo-ship-brio-faith-repatriate-seafarers-who> Nine Chinese and Filipino seafarers, some who have been on board their Panama-flagged cargo ship *Brio Faith* for 20 months with no leave, will be reunited with their families after an intervention by the Australian Maritime Safety Authority.

Hong Kong zero-contact crew change plan awaiting Chief Executive's green light. Sandra Tsui. *Seatrade Maritime News*. 10 November 2020. Available from: <https://bit.ly/2KQfoAj> Shipping experts have proposed to Hong Kong Chief Executive Carrie Lam that with chartered flights and cruise ships, crew change for ships can be done without seafarers coming into any contact with the public.

'Unacceptable': Australia intervenes on fate of stranded sailors. Eryk Bagshaw. *Sydney Morning Herald (Australia)*. 12 November 2020. Available from: <https://www.smh.com.au/world/asia/unacceptable-australia-intervenes-on-fate-of-stranded-sailors-20201112-p56e12.html> The Australian government has labelled as unacceptable the treatment of dozens of Indian sailors marooned at sea for months with thousands of tonnes of Australian coal, as a second stranded ship is identified in Chinese waters.

Seafarers Caught in Political Limbo as China Closes Coal Port. *Maritime Executive*. 12 November 2020. Available from: <https://maritime-executive.com/article/seafarers-caught-in-political-limbo-as-china-closes-coal-port> A group of Indian seafarers has found themselves among a growing number of crew trapped aboard their ships off the coast of China according to an appeal from the Indian maritime union.

Governments must resolve *Jag Anand*, *Anastasia* stalemate and get seafarers home. *International Transport Workers' Federation (ITF)*. 17 November 2020. Available from: <https://www.itfglobal.org/en/news/governments-must-resolve-jag-anand-anastasia-stalemate-and-get-seafarers-home> The ITF is urging the governments of China, India and Australia to collaborate and urgently end the stalemate around the berthing of the coal-carrying vessels in Chinese ports, as some of the seafarers have been on board over 20 months.

Foreign flagged ships detained in the UK during October 2020. *UK Government*. 18 November 2020. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-october-2020> The Maritime and Coastguard Agency (MCA) announced today that nine foreign flagged ships remained under detention in UK ports during October 2020 after failing port state control (PSC) inspection.

New crew-change policy is neat, plausible... and wrong. *Shipping Australia Ltd.*

20 November 2020. Available from: <https://shippingaustralia.com.au/new-crew-change-policy-is-neat-plausible-and-wrong/> Hundreds of thousands of people are trapped at sea and hundreds of thousands of people are waiting (without pay) to go to sea. It is a humanitarian crisis.

Govt allows foreign seafarers to sign on at Indian ports. P Manoj. *Hindu BusinessLine (India).*

22 November 2020. Available from: <https://www.thehindubusinessline.com/economy/logistics/govt-allows-foreign-seafarers-to-sign-on-at-indian-ports/article33155990.ece> The standard operating procedure for sign on of Indian seafarers issued in April will be applicable to sign on of foreign seafarers.

Søren Skou put pressure on the Danish government to help stranded seafarers. Niklas

Krigslund and Søren Pico. *ShippingWatch*. 23 November 2020. Available from: <https://shippingwatch.com/regulation/article12580063.ece> A joint lobby effort from the Danish shipping industry this summer led to Denmark becoming a hub for crew changes during the coronavirus crisis.

Adani-run Kattupalli port to levy \$50 per person for crew change. *Hellenic Shipping News.*

23 November 2020. Available from: <https://www.hellenicshippingnews.com/adani-run-kattupalli-port-to-levy-50-per-person-for-crew-change/> Kattupalli port, run by Adani Ports and Special Economic Zone Ltd (APSEZ), said it will levy a facilitation charge of \$50 per person for crew change after the port operator received government designation as an authorised immigration check port for entry into and exit from India of crew and passengers.

China Blacklist Strands More Than 50 Ships With Australian Coal. Aaron Clark and Kevin

Varley. *gCaptain*. 24 November 2020. Available from: <https://gcaptain.com/china-blacklist-strands-more-than-50-ships-with-australian-coal/> More than \$500 million worth of Australian coal is on ships anchored off Chinese ports, as a diplomatic spat between the two countries cuts into trade, idles a portion of the world's dry bulk carriers and threatens to spiral into a humanitarian crisis.

PORTS & HARBOURS

Belgian Port of Antwerp using EMSA RPAS for pollution monitoring. *European Maritime*

Safety Agency (EMSA). 29 October 2020. Available from: <http://www.emsa.europa.eu/newsroom/latest-news/item/4059-belgian-port-of-antwerp-using-emsa-rpas-for-pollution-monitoring.html> Port authorities in Antwerp, Belgium, are making use of EMSA's Remotely Piloted Aircraft System (RPAS) to support their day-to-day monitoring of port operations and rapid response to pollution incidents in the port area.

Port of Tauranga says no cruise ships for two years will cost economy \$100m.

Stuff (New Zealand). 30 October 2020. Available from: <https://www.stuff.co.nz/business/123241800/port-of-tauranga-says-no-cruise-ships-for-two-years-will-cost-economy-100m> The cruise season traditionally runs from October to April, but border closures in March because of to Covid-19 have cancelled ship visits indefinitely.

Singapore: MPA SRS forum discusses biofuels bunkers, electrification of harbourcraft.

Manifold Times (Singapore). 4 November 2020. Available from: <https://www.manifoldtimes.com/news/singapore-mpa-srs-forum-discusses-biofuels-bunkers-electrification-of-harbourcraft/> The Maritime and Port Authority of Singapore, on 3 November, held the 2020 Singapore Registry of Ships Forum which saw an attendance of 270 virtual participants comprising of industry stakeholders such as ship owners, managers, operators, and classification societies.

ESPO publishes the 2020 Environmental Report for the European port sector. *European Sea Ports Organisation (ESPO)*. 10 November 2020. Available from: <https://www.espo.be/news/espo-publishes-the-2020-environmental-report-for-t> The ESPO Environmental Report 2020 includes more than 60 different environmental performance benchmarks, such as the Top 10 Environmental Priorities of the European ports, and figures on the green services to shipping (shore-side electricity, LNG and environmentally differentiated port dues). [ESPO Environmental Report 2020](#) 📄

President Doumbia-Henry Highlights Actions for Recovery of Global Ports. *World Maritime University (WMU)*. 12 November 2020. Available from: <https://www.wmu.se/news/president-doumbia-henry-highlights-actions-for-recovery-of-global-ports> To support the dynamics and development of the port and maritime sectors in French-speaking Africa, the second edition of the African Ports Forum took place on November 9 and 10 at the Djibouti Palace Kempinski.

Port of Gothenburg introduces pilot scheme for emission-free construction sites. *Port of Gothenburg*. 13 November 2020. Available from: <https://bit.ly/2Kol2bT> Starting next year, the Gothenburg Port Authority will make use of new procurement stipulations for selected contracts with the aim of reducing carbon emissions at the port and promoting the use of greener construction equipment and methods.

IAPH-WPSP Barometer Week 45 – upticks in hinterland delays as well as port storage utilization levels for medicines, foodstuffs and consumer goods. *World Ports Sustainability Program*. 16 November 2020. Available from: <https://bit.ly/2JgpfPe> Survey from the world's ports also indicates a possible restructuring of liner container services, a drop in liquid bulk trading and the continued mothballing of cruise services. [IAPH-WPSP Port Economic Impact Barometer](#) 📄

Abu Dhabi Ports and DNV GL sign MoU to Transform Emirate's Maritime Ecosystem. *Abu Dhabi Ports*. 16 November 2020. Available from: <https://www.adports.ae/abu-dhabi-ports-and-dnv-gl-sign-mou-to-transform-emirates-maritime-ecosystem/> Abu Dhabi Ports, part of ADQ, one of the largest holding companies, have signed a MoU with DNV GL, the world's largest consultancy of independent maritime and energy experts, to accelerate the sustainable development of Abu Dhabi's maritime ecosystem.

Felixstowe Port in 'chaos' as Christmas and Brexit loom. Vivienne Nunis. *BBC News*. 16 November 2020. Available from: <https://www.bbc.co.uk/news/business-54908129> Retailers, shipping and haulage companies have complained of "chaos" at Felixstowe Port in Suffolk, affecting goods in the run-up to Christmas.

How to speed up shipping: a look at the IMO's 'Just In Time' Arrival Guide. Adele Berti. *ShipTechnology*. 17 November 2020. Available from: <https://www.ship-technology.com/features/port-call-optimisation/> The IMO's Global Industry Alliance to Support Low Carbon Shipping has published its new Just In Time Arrival Guide – Barriers and Potential Solutions, which provides recommendations on how to speed up and optimise the port call process.

SmartPortsBCN: Going green at the heart of the Marseille Fos smart port strategy. Beth Maundrill. *Port Technology International*. 18 November 2020. Available from: <https://www.porttechnology.org/news/smartportsbcn-going-green-at-the-heart-of-the-marseille-fos-smart-port-strategy/> Speaking to PTI Hervé Martel, CEO, Marseille Fos Port Authority, said that the unexpected COVID-19 crisis had tested the business models the port has developed but had "confirmed our choice of a more virtuous economy".

IMO MEPC75: Higher ambitions for reducing GHG emissions from shipping are needed to deliver on green deal ambitions in the maritime sector and in ports. *European Sea Ports Organisation (ESPO)*. 23 November 2020. Available from: <https://www.espo.be/news/outcome-of-imo-mepc75-higher-ambitions-for-reducin> On 17 November, the IMO MEPC 75 gave preliminary approval to the compromise agreement for the package of technical and operational measures to address greenhouse gas emissions from ships in the short run.

British Ports are Scrambling as Brexit Deadline Looms Five Weeks Away. *Maritime Executive*. 24 November 2020. Available from: <https://www.maritime-executive.com/article/british-ports-are-scrambling-as-brexit-deadline-looms-five-weeks-away> With just over five weeks left until the end of the Brexit transition period, fear is continuing to rise that the UK ports, terminals, and the services that support the operations are not ready.

Can smart ports curb drug trafficking? Richard Chelin and Denys Revan. *Institute for Security Studies (ISS)*. 27 November 2020. Available from: <https://issafrica.org/iss-today/can-smart-ports-curb-drug-trafficking> The increase in shipping operations coupled with large container ships doubling in size in the past couple of years has provided an attractive mode of transport for drug traffickers.

REGULATIONS

Market forces, not IMO, should lead emissions policy. Paul Gunton. *ShipInsight*. 9 November 2020. Available from: <https://shipinsight.com/articles/market-forces-not-imo-should-lead-emissions-policy/> IMO regularly comes in for criticism from many quarters but I had not heard an argument made for it to be sidelined so that market forces could dictate the pace of change in environmental legislation.

The clock is ticking for compliance with IMO's 2021 cyber security regulations. *Lloyd's Register*. 12 November 2020. Available from: <https://www.lr.org/en/insights/articles/imo-cyber-security-regulation-compliance/> The 1 January 2021 deadline is fast approaching for marine and offshore organisations to implement the necessary cyber security measures required by the IMO.

Why the IMO's draft Arctic HFO regulation will not protect the Arctic, and how to fix it. Sian Prior. *Splash 247com*. 12 November 2020. Available from: <https://splash247.com/why-the-imos-draft-arctic-hfo-regulation-will-not-protect-the-arctic-and-how-to-fix-it/> It seems as though every week brings new, dire warnings about the state of our planet, in particular our polar regions.

MEPC 75 is expected to fix ballast water commissioning testing, but shipowners will still be left with real compliance risks. Dimitrios Tsoulos. *Splash 247com*. 13 November 2020. Available from: <https://splash247.com/mepc-75-is-expected-to-fix-ballast-water-commissioning-testing-but-shipowners-will-still-be-left-with-real-compliance-risks/> Installing a ballast water management system that is compliant with and certified to the relevant parts of the current patchwork of global ballast water regulation is becoming a prerequisite for global trade.

IBIA Convention 2020: Session summary of the APAC – Legal, Compliance and Regulations Panel. *Manifold Times (Singapore)*. 16 November 2020. Available from: <https://www.manifoldtimes.com/news/ibia-convention-2020-session-summary-of-the-apac-legal-compliance-and-regulations-panel/> Discussions at the Asia-Pacific edition of the Legal, Compliance and Regulations Panel took place on the second day of the IBIA Convention, November 11.

BIMCO 'concerned' on IMO suggestion to amend sulphur testing and sampling regulation. *Manifold Times (Singapore)*. 18 November 2020. Available from: <https://www.manifoldtimes.com/news/bimco-concerned-on-imo-suggestion-to-amend-sulphur-testing-and-sampling-regulation/> While shipowners have been focused on the 2020 sulphur regulation which entered into force on 1 January 2020 due to safety concerns, IMO members states have their eyes on the procedures that control whether ships are carrying low-sulphur fuel oil in accordance with the new regulations.

Regional regulation – would it solve shipping's problems? Malcolm Latarche. *ShipInsight*. 19 November 2020. Available from: <https://shipinsight.com/articles/regional-regulation-would-it-solve-shippings-problems/> After years of calling for there to be a global level playing field established at the IMO, it seems some within shipping appear to have become less enamoured of this strategy.

Interior slashes Arctic oil spill regulations. Heather Richards. *E&E News*. 19 November 2020. Available from: <https://www.eenews.net/stories/1063718947> The Trump administration today proposed an overhaul of offshore oil and gas safety regulations in the Arctic, suggesting the removal of nearly half the provisions penned four years ago when the Obama administration took a tough stance on drilling in the far northern seas.

New rules for Arctic shipping 'a missed opportunity'. Malcolm Senior. *BBC News*. 21 November 2020. Available from: <https://www.bbc.co.uk/news/science-environment-55022257> The International Maritime Organization has passed a series of restrictions on ships which use and transport heavy grade oils.

Disappointed Maersk wants IMO to negotiate market-based measures immediately. Anastassios Adamopoulos. *Lloyd's List*. 22 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134796/Disappointed-Maersk-wants-IMO-to-negotiate-market-based-measures-immediately> The world's biggest shipping company says it is disappointed in the new short-term greenhouse gas measures that global regulators approved and wants discussion on longer-term measures to start in 2021.

Older vessels in the firing line as IMO carbon rules are made clear. Adam Corbett. *TradeWinds*. 26 November 2020. Available from: <https://www.tradewindsnews.com/regulation/older-vessels-in-the-firing-line-as-imo-carbon-rules-are-made-clear/2-1-918752> The Energy Efficiency Existing Ship Index (EEXI), agreed by the International Maritime Organization last week, is set to enter into force from 2023 and require existing ships to match the fuel efficiency of newbuildings.

As UN action on ship emissions falls short, attention turns to regions. Isabelle Gerretsen. *Climate Home News*. 26 November 2020. Available from: <https://www.climatechangenews.com/2020/11/26/un-action-ship-emissions-falls-short-attention-turns-regions/> As one of the world's most polluting industries, shipping is facing mounting pressure to clean up its act.

Navigating Arctic waters with the Arctic Council and the International Maritime Organization. *Arctic Council*. 27 November 2020. Available from: <https://arctic-council.org/en/news/navigating-arctic-waters-with-the-arctic-council-and-imo/> Now in its fourth iteration, the Council's Arctic Shipping Best Practice Information Forum brings private and public sector together to shape the future of Arctic shipping.

SALVAGE

Chinese firm confirmed for Wakashio wreck removal. Adam Corbett. *TradeWinds*. 5 November 2020. Available from: <https://www.tradewindsnews.com/casualties/chinese-firm-confirmed-for-wakashio-wreck-removal/2-1-907133> Equipment is on the way and salvage company hopes to complete the job by next spring.

Salvage update: containers lost, ship sinks and vessels ground in storms. Martyn Wingrove. *Container Shipping & Trade*. 6 November 2020. Available from: <https://www.rivieramm.com/news-content-hub/salvage-update-containers-lost-ship-sinks-and-vessels-ground-in-storms-61616> In just one week, three containerships, one cargo vessel and an offshore flotel have become maritime casualties, with lost containers and damaged vessels.

Photos: Golden Ray Wreck Removal Progresses. *Maritime Executive*. 8 November 2020. Available from: <https://maritime-executive.com/article/photos-golden-ray-wreck-removal-progresses> The wreck removal operation for the capsized ro/ro *Golden Ray* is under way in St. Simons Sound, Georgia, and the salvage team is making the first cut on the vessel's hull.

Chain break latest kink in *Golden Ray* dismantling. Kim Link-Wills. *Freight Waves*.

10 November 2020. Available from: <https://www.freightwaves.com/news/chain-break-latest-kink-in-golden-ray-dismantling> Salvage crews in St. Simons Sound on Tuesday continued cutting the first of eight huge sections of the *M/V Golden Ray* wreck.

Salvage update: OSV capsizes, tug sinks and grounded ferry refloated. Martyn Wingrove.

Offshore Support Journal. 23 November 2020. Available from: <https://www.rivieramm.com/news-content-hub/salvage-update-osv-capsizes-tug-sinks-and-grounded-ferry-refloated-61958> According to local reports, 1987-built offshore supply tug *Carmen* developed a list then capsized near Petrobras' P-48 floating production storage and offloading (FPSO) ship in the Campos Basin on 20 November.

SEAFARERS

Through a seafarer's lens: pandemic life at sea exposed at National Maritime Museum.

Nautilus International. 29 October 2020. Available from: <https://www.nautilusint.org/en/news-insight/news/through-a-seafarers-lens-pandemic-life-at-sea-exposed-at-national-maritime-museum/> A snapshot into life at sea, including pandemic voyages, is documented through the seafarers' lens in a new exhibition now opening when the second lockdown ends on 02 December 2020 at the National Maritime Museum in London.

"Still At Sea" ITF Seafarers' Trust photography competition. *ITF Seafarers' Trust*. October 2020.

Available from: <https://www.itfseafarers.org/en/stillatsea> STILL AT SEA, the ITF Seafarers' Trust photography competition was launched on 25 August 2020 inviting seafarers to share their images of the highs and lows and the spaces in between of life at sea during Covid-19.

ITF and Marlow battle to get crew changed as crisis hits eight months. *International Transport Workers' Federation (ITF)*. 2 November 2020. Available from: <https://www.itfglobal.org/en/news/itf-and-marlow-battle-get-crew-changed-crisis-hits-eight-months>

Stuck on board a ship since February, an apprentice engineer feels humiliated that she has no sanitary towels.

Crew on UK-flagged ships to receive full pay if held captive by pirates. Holly Birkett.

TradeWinds. 3 November 2020. Available from: <https://www.tradewindsnews.com/regulation/crew-on-uk-flagged-ships-to-receive-full-pay-if-held-captive-by-pirates/2-1-905351> Owners of UK-flagged vessels will have to pay crew if they are held captive by pirates or armed robbers under new legislation.

Fundraising for seafarers' welfare during COVID-19. Susan Huppert. *Mare Report*.

4 November 2020. Available from: <http://marereport.namma.org/index.php/2020/11/04/fundraising-for-seafarers-welfare-during-covid-19/> Due to the global pandemic, this year's fundraising for seafarer centers, ministries and those who support mariners was critically challenged.

Mariners: the backbone of the maritime industry. John Snyder. *Offshore Support Journal*.

4 November 2020. Available from: <https://www.rivieramm.com/opinion/mariners-the-backbone-of-the-maritime-industry-61577> This year began with a sense that offshore oil and gas was showing signs of recovery, but Covid-19 energy demand destruction and an oil glut – with the price of US oil turning negative for the first time in history in April – quickly snuffed out any glimmer of optimism.

Crew feel 'forgotten and abandoned' Lloyds Register survey finds. Tanya Blake. *Safety at Sea*.

4 November 2020. Available from: <https://safetyatsea.net/news/2020/forgotten-and-abandoned/> There are currently 400,000 seafarers stuck at sea, according to the International Maritime Organization, due to government's travel restrictions to prevent the spread of COVID-19.

Shipping industry leaders launch project for delivering on seafarers' rights. *Sustainable Shipping Initiative (SSI)*. 5 November 2020. Available from: <https://www.sustainablesipping.org/news/shipping-industry-leaders-launch-project-for-delivering-on-seafarers-rights/> The Sustainable Shipping Initiative (SSI) and the Institute for Human Rights and Business, along with SSI members today announce the launch of a new project focusing on seafarers' labour and human rights.

Cadet trapped by US Customs and Border Protection now returning home. *Nautilus International*. 5 November 2020. Available from: <https://www.nautilusint.org/en/news-insight/news/cadet-trapped-by-us-customs-and-border-protection-now-returning-home/> A seafarer who was stuck aboard her vessel due to the actions of United States Customs and Border Protection is now on her way home.

Seafarer wellbeing remains V.Group's key concern as charity Stella Maris continues global support. *V Group Ltd*. 6 November 2020. Available from: <https://vgrouplimited.com/news/seafarer-wellbeing-remains-v-groups-key-concern-as-charity-stella-maris-continues-global-support> In a recent interview with the Financial Times, Graham Westgarth, V. Group's Chairman Elect, discussed the importance a worldwide governmental response to the crisis.

EU must not abandon seafarers – whatever the flag under which they sail and whatever their nationality. *European Transport Workers' Federation*. 9 November 2020. Available from: <https://www.etf-europe.org/eu-must-not-abandon-seafarers-whatever-the-flag-under-which-they-sail-and-whatever-their-nationality/> Even today, EU member states accept without a second thought that goods continue to arrive at their ports, yet they refuse to accept the seafarers stranded on the merchant ships.

Safety and welfare concerns raised by 'SecretCaptain'. *Nautilus International*. 9 November 2020. Available from: <https://www.nautilusint.org/en/news-insight/news/safety-and-welfare-concerns-raised-by-secretcaptain-twitter-account/> A tanker captain posting anonymously on Twitter has revealed concerns about the welfare of his crew in a series of emotional posts about the crew change crisis.

Over 150 sailors working on 12 Chinese fishing vessels repatriated. *Antara News (Indonesia)*. 10 November 2020. Available from: <https://en.antaranews.com/news/161028/over-150-sailors-working-on-12-chinese-fishing-vessels-repatriated> At least 155 Indonesian seafarers and the bodies of two sailors who died while working on board Chinese fishing vessels have been repatriated through the Bitung Port in North Sulawesi, Foreign Minister Retno Marsudi said.

Aderco and WISTA Singapore initiate charity drive for visiting seafarers stuck onboard vessels. *Manifold Times (Singapore)*. 11 November 2020. Available from: <https://www.manifoldtimes.com/news/singapore-aderco-and-wista-singapore-initiate-charity-drive-for-visiting-seafarers-stuck-onboard-vessels/> Singapore-based volunteers from fuel treatment specialist Aderco and from the Singapore chapter of the Women's International Shipping & Trading Association (WISTA) gathered on 9 November to place the finishing touches on a mutually organised charity drive for seafarers.

23 Indian sailors trapped on ship filled with Australian coal off China. *ABC (Australia)*. 12 November 2020. Available from: <https://www.abc.net.au/radionational/programs/breakfast/seafarers-in-trouble/12874950> 📢 A group of twenty-three Indian seafarers have unwittingly been drawn into the rising tensions between China and western powers.

Are we all in the same boat? Crew changes in the time of pandemic. *Gard*. 12 November 2020.

Available from: <http://www.gard.no/web/updates/content/30699176/are-we-all-in-the-same-boat-crew-changes-in-the-time-of-pandemic> At our recent webinars dealing with the difficult and timely issue of crew changes during the COVID-19 pandemic, our presenters discussed the issue from the standpoint of seafarer wellbeing as well as the contractual challenges between owners and charterers faced with deviations for crew rotation.

Navigating through a humanitarian crises: Vaiufia Makatuu Latu's Story. *Pacific Community*

12 November 2020. Available from: <https://www.spc.int/updates/blog/2020/11/navigating-through-a-humanitarian-crises-vaiufia-makatuu-latus-story> The Pacific, a region that is already combating the impact of climate change, is now also facing the brunt of the global COVID-19 pandemic and its ripple effects on the maritime sector.

China-Australia Spat Strands 400 Seafarers as Crew Change Humanitarian Crisis Looms.

Aaron Clark, Rajesh Kumar Singh and Kevin Varley. *gCaptain*. 13 November 2020. Available from: <https://gcaptain.com/china-australia-spat-strands-seafarers-crew-change-crisis/> An estimated 400 seafarers and roughly 2 million tons of coal are stuck on ships off the northeast coast of China, as a spiraling diplomatic row with Australia threatens to turn into a humanitarian crisis.

Transport Canada and marine stakeholders establish the Seafarers' Welfare Board.

Government of Canada. 13 November 2020. Available from: <https://bit.ly/2WUrw5P> The Government of Canada recognizes the important role seafarers play in moving people and the many goods Canadians rely on every day.

Stuck at sea: Seafarers who kept international trade humming despite Covid-19. *Straits Times*.

15 November 2020. Available from: <https://www.straitstimes.com/world/stuck-at-sea-seafarers-who-kept-international-trade-humming-despite-covid-19> Thousands of seafarers around the world have been stuck on ships for about a year or longer due to the coronavirus pandemic.

Seafarers return to pre-covid 19 contracts. *Australian Maritime Safety Authority (AMSA)*.

16 November 2020. Available from: <https://www.amsa.gov.au/news-community/news-and-media-releases/seafarers-return-pre-covid-19-contracts> The Australian Maritime Safety Authority (AMSA) has announced that from 28 February 2021 the interim COVID arrangements which have permitted seafarers to serve longer than 11 months on-board ships will end

Samoa brings first of its Covid stranded seafarers home. *Radio New Zealand*. 16 November

2020. Available from: <https://www.rnz.co.nz/international/pacific-news/430750/samoa-brings-first-of-its-covid-stranded-seafarers-home> Twenty-seven seafarers were among close to 300 passengers on the Friday's flight from New Zealand

The Secret Captain: I have woken up crying because it's all hopeless. *TradeWinds*.

16 November 2020. Available from: <https://www.tradewindsnews.com/opinion/the-secret-captain-i-have-woken-up-crying-because-it-s-all-hopeless/2-1-911603> An anonymous master mariner writes about the distressing reality behind the phrase 'crew-change crisis' as his exhausted crew wait to go home.

Celebrating seafarers this festive season. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 18 November 2020. Available from:

<https://www.seafarerswelfare.org/news/2020/celebrating-seafarers-this-festive-season> ISWAN has joined forces with the International Chamber of Shipping and a number of supporting organisations to ensure that seafarers are not forgotten this Christmas.

450 days trapped on a cargo ship. Geoff Thompson. *ABC (Australia)*. 20 November 2020.

Available from: <https://www.abc.net.au/radionational/programs/backgroundbriefing/450-days-trapped-cargo-ship-coronavirus/12900952> Geoff Thompson investigates how the closure of borders has left 400,000 seafarers stuck on ships and what can be done to save them.

Hundreds of thousands of seafarers remain stuck at sea during the pandemic. *ITV News*. 20 November 2020. Available from: <https://www.itv.com/news/meridian/2020-11-20/hundreds-of-thousands-of-seafarers-remain-stuck-at-sea-during-the-pandemic> 📺 Hundreds of thousands of sailors remain stuck at sea during the pandemic in what some have called a 'humanitarian crisis.'

Border controls leave an army of invisible workers trapped on floating sweatshops. Geoff Thompson and Benjamin Sveen. *ABC (Australia)*. 21 November 2020. Available from: <https://www.abc.net.au/news/2020-11-21/maritime-workers-left-floating-in-a-sea-of-red-tape/12899040> Ronbert Bibat had been trapped inside the rusty belly of a lumbering 39,000 tonne cargo ship for well over a year.

Qatar Airways helps bring tens of thousands of seafarers home. *Gulf Times (Qatar)*. 22 November 2020. Available from: <https://www.gulf-times.com/story/678613/Qatar-Airways-helps-repatriate-over-150-000-seafar> Qatar Airways has said it is playing an important part in the repatriation of seafarers stranded due to the Covid-19 pandemic, working closely with governments and the maritime industry to operate hundreds of chartered and scheduled flights to help bring home more than 150,000 workers.

Seafarer symbol being developed in response to crew change crisis. *Nautilus International*. 23 November 2020. Available from: <https://www.nautilusint.org/en/news-insight/news/seafarer-symbol-being-developed-in-response-to-crew-change-crisis/> A unique 'seafarer symbol' is being developed to enable crew to identify and access dedicated resources and processes on ship, in port and in transit to/from ships.

Shipping bodies call on Jeff Bezos to take a stand for stranded seafarers at industry Round Table. *International Chamber of Shipping (ICS)*. 25 November 2020. Available from: <https://www.ics-shipping.org/press-release/open-letter-bezos/> The leaders of the major shipping bodies met virtually to discuss the most pressing issues facing the industry as we move into 2021. [Open Letter: Support the seafarers making Black Friday a reality](#) 📄

Map details rising incidents of crew abandonment. Sam Chambers. *Splash 247com*. 27 November 2020. Available from: <https://splash247.com/map-details-rising-incidents-of-crew-abandonment/> Cases of crew abandonment are on the rise again, albeit the world has been given far greater transparency on where these despicable acts are taking place thanks to the enterprising work of a British sister and brother.


Shopping on Black Friday? Remember the stranded seafarers who make it possible. Nusrat Ghani MP and Guy Platten. *The Guardian*. 27 November 2020. Available from: <https://www.theguardian.com/environment/2020/nov/27/we-all-owe-a-debt-to-the-stranded-seafarers-who-make-black-friday-possible> With nearly 400,000 crew members trapped at sea by Covid restrictions, it's time for retailers like Amazon to help press for key worker status.

Seafarers grow tired of being undervalued. *Lloyd's List*. 27 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134896/Seafarers-grow-tired-of-being-undervalued> The culture of adjusting records and reports to suit regulatory compliance is said to be well known among industry stakeholders.

SEARCH & RESCUE

When Private Vessels Rescue Migrants and Refugees: A Mapping of Legal Considerations.

Jean-Pierre Gauci. *British Institute of International and Comparative Law (BIICL)*.

24 November 2020. Available from: <https://www.biicl.org/publications/when-private-vessels-rescue-migrants-and-refugees-a-mapping-of-legal-considerations> The report, which is the main output of a Mirpuri Foundation funded research project, explores the law around search and rescue particularly from the perspective of private vessels. [Report](#) 


Persons at Sea, International Law and Covid-19. Sofia Galani. *EJIL:Talk! Blog of the European Journal of International Law*. 24 November 2020. Available from: <https://www.ejiltalk.org/persons-at-sea-international-law-and-covid-19/> As the Covid-19 pandemic continues to affect people around the world, the scholarly debate on how to uphold the rule of law amid the crisis remains relevant.

Maersk Tankers after 38-day-long migrant crisis: There was no solution in sight. Soren Pico and Trine Vestergaard. *ShippingWatch*. 25 November 2020. Available from: <https://shippingwatch.com/carriers/Tanker/article12585433.ece> For 38 days, 27 migrants lived on board tanker *Maersk Etienne*, which became the center of a political game in which no one wanted to accept the migrants.

Shipowners fear another *Maersk Etienne* case and call for political action. Trine Vestergaard and Søren Pico. *ShippingWatch*. 26 November 2020. Available from: <https://shippingwatch.com/carriers/article12586955.ece> It is highly likely that the shipping industry will again be affected by a migrant crisis similar to the one that played out on board *Maersk Etienne* this summer, say industry associations, which call for a plan to avoid such repeats.

SHIP RECYCLING

Platform publishes South Asia Quarterly Update #23. *NGO Shipbreaking Platform*.

30 October 2020. Available from: <https://shipbreakingplatform.org/platform-publishes-south-asia-quarterly-update-23/> There were a total of 170 ships broken in the third quarter of 2020, of these, 110 ships were sold to the beaches of South Asia, where, despite several yards being closed due to the Covid-19 pandemic, shipbreaking activities continued to put workers' lives at risk. [Report](#) 

Shipbreaking industry workers seek protection, due rights. *Dawn (Pakistan)*. 2 November 2020. Available from: <https://www.dawn.com/news/1588073> To observe the fourth anniversary of the Gadani shipbreaking yard inferno, in which 29 workers had lost their lives, labour leaders and workers held a rally at Gadani on Sunday to demand protection to their lives in the face of industrial mishaps and accidents.

Ship Owners Shun Away from the Demolition Market. Nikos Roussanoglou. *Hellenic Shipping News*. 5 November 2020. Available from: <https://www.hellenicshippingnews.com/ship-owners-shun-away-from-the-demolition-market/> Despite enough potential supply of tonnage primed for demolition, it seems that the conclusion of deals has been elusive over the course of the past few weeks.

Asia's Largest Ship-Breaking Town Is Beached Like Never Before. Smitha R. *VICE*.

12 November 2020. Available from: <https://www.vice.com/en/article/5dpbez/asias-largest-ship-breaking-town-is-beached-like-never-before> Ramesh Prasad, an engine dismantler at Alang ship-breaking yard in the western Indian state of Gujarat was at work when the Indian government clamped the country in a sudden lockdown on March 24 to prevent the spread of COVID-19.

EU to tighten recycling rules amid coronavirus uncertainty. Anastassios Adamopoulos. *Lloyd's List*. 25 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134856/EU-to-tighten-recycling-rules-amid-coronavirus-uncertainty> The obligation for an Inventory of Hazardous Materials for ships calling at EU ports has been complicated by the coronavirus pandemic.

Demolition Activity At a Standstill. Nikos Roussanoglou. *Hellenic Shipping News*. 27 November 2020. Available from: <https://www.hellenicshippingnews.com/demolition-activity-at-a-standstill/> In its latest weekly report, shipbroker Clarkson Platou Hellas said that “with Diwali celebrations continuing into the early part of this week, it meant that the week got off to a sluggish start and frustratingly never really recovered from this, with no new sales reported.

SHIPBUILDING & SHIPREPAIR

First wave of ships explore green hydrogen as route to net zero. Jonathan Saul and Nina Chestney. *Reuters*. 30 October 2020. Available from: <https://reut.rs/38Nek8F> Developers across the world are for the first time testing the use of hydrogen to power ships as the maritime industry races to find technologies to cut emissions and confidence grows the fuel is safe to use commercially.

Aker Arctic designs next generation Swedish and Finnish icebreakers. *Aker Arctic*. 3 November 2020. Available from: <https://akerarctic.fi/en/news/aker-arctic-designs-next-generation-swedish-and-finnish-icebreakers/> Aker Arctic Technology Inc, the Swedish Maritime Administration and the Finnish Transport Infrastructure Agency have signed a contract for the development of new icebreakers for demanding Baltic Sea escort operations.

Putin pledges Russian superiority in the Arctic with new icebreakers. Gabrielle Tétrault-Farber. *Reuters*. 3 November 2020. Available from: <https://uk.reuters.com/article/uk-russia-putin-idUKKBN27J2AZ> President Vladimir Putin said on Tuesday Russia wanted to retain its “superiority” in the Arctic and it planned to renew its icebreaker fleet to bolster its presence there.

CMA CGM Jacques Saade makes maiden visit to Southampton. Chris Yandell. *Daily Echo (UK)*. 5 November 2020. Available from: <https://www.dailyecho.co.uk/news/18846583.cma-cgm-jacques-saade-makes-maiden-visit-southampton/> The CMA CGM Jacques Saade, the first container vessel to be powered by Liquefied Natural Gas (LNG), can carry a total of 23,000 containers.

Sweden's new car carrier is the world's largest wind-powered vessel. Jacopo Prisco. *CNN*. 13 November 2020. Available from: <https://edition.cnn.com/travel/article/oceanbird-wind-powered-car-carrier-spc-intl/index.html>  Oceanbird might look like a ship of the future, but it harks back to ancient maritime history -- because it's powered by the wind.

Age discrimination jeopardizes global CO2 reduction efforts. Kim Ullman and Erik Hånell. *Concordia Maritime*. 18 November 2020. Available from: <https://www.concordiamaritime.com/en/news/news/20202/age-discrimination-jeopardizes-global-co2-reduction-efforts/> The narrow-minded age discrimination of oil tankers counteracts urgent efforts to reach the IMO requirement to reduce CO2 emissions from shipping with 50 per cent by 2050.

Pandemic decimates cruise ship orders. Martyn Wingrove. *Marine Propulsion & Auxiliary Machinery*. 23 November 2020. Available from: <https://www.rivieramm.com/news-content-hub/pandemic-decimates-cruise-ship-orders-61947> Shipyards are facing project delays, postponed deliveries and a crippling five-year slump in new orders as the cruise industry attempts a slow recovery from the coronavirus crisis.

LR, Anemoi and SDARI join forces on rotor sail designs. *Lloyd's Register*. 27 November 2020. Available from: <https://www.lr.org/en-gb/latest-news/lr-anemoi-sdari-rotor-sail-designs/> LR has signed a joint development project (JDP) with Anemoi Marine Technologies (Anemoi) and Shanghai Merchant Ship Design and Research Institute (SDARI) to develop a series of energy efficient vessel designs equipped with rotor sails.

Vard Delivers World's First Electric, Autonomous Container Feeder. *Maritime Executive*. 27 November 2020. Available from: <https://www.maritime-executive.com/index.php/article/vard-delivers-world-s-first-electric-autonomous-container-feeder> Fincantieri's Vard division has delivered the zero-emissions container vessel *Yara Birkeland* to fertilizer manufacturer Yara International.

More than a quarter of all tonnage under construction will use alternative fuels. Sam Chambers. *Splash 247com*. 30 November 2020. Available from: <https://splash247.com/more-than-a-quarter-of-all-tonnage-under-construction-will-use-alternative-fuels/> Clarkson Research Services has provided its subscribers with a snapshot of the amount of ships – both trading today and under construction – which do not use bunker fuel.

SHIPPING

Lloyd's Register launches dedicated Maritime Decarbonisation Hub. *Lloyd's Register*. 29 October 2020. Available from: <https://www.lr.org/en/latest-news/lr-launches-dedicated-maritime-decarbonisation-hub/> LR has launched a dedicated centre of excellence to accelerate the safe, sustainable and cost-effective decarbonisation of world shipping in support of delivering greenhouse gas reduction targets.

2020 update of the 'Economic Value of the EU Shipping Industry' by Oxford Economics. *European Community Shipowners' Associations (ECSA)*. 30 October 2020. Available from: <https://www.ecsa.eu/news/download-2020-update-economic-value-eu-shipping-industry-oxford-economics> Launched earlier in February during the 2020 European Shipping Week 2020, ECSA has produced a more comprehensive publication of the latest figures on European shipping by Oxford Economics [The Economic Value of the EU Shipping Industry 2020](#) 📄.

INTERCARGO: Charterers preventing crew change must be held to account. *International Association of Dry Cargo Shipowners (INTERCARGO)*. 2 November 2020. Available from: https://www.intercargoo.org/wp-content/uploads/2020/11/INTERCARGO-MEDIA-RELEASE_02_11_2020.pdf 📄 INTERCARGO, the body representing the interests of dry bulk sector operators, has learned that in a number of instances, charterers in the dry bulk sector have been preventing much needed crew changes from taking place during the period of the charter, despite the ship owner agreeing to accept the associated costs.

Former IMO Emissions Chief: We Need To Talk About Nuclear-Powered Ships. *Ship & Bunker*. 2 November 2020. Available from: <https://shipandbunker.com/news/world/676294-former-imo-emissions-chief-we-need-to-talk-about-nuclear-powered-ships> A key former IMO official who helped draft the UN body's initial strategy on greenhouse gases has said the shipping industry should consider nuclear energy as it seeks to eliminate its carbon emissions, arguing that supply infrastructure for ammonia and hydrogen bunkers may not arrive soon enough.

Bill Gates joins nuclear-powered shipping push. Sam Chambers. *Splash 247com*. 2 November 2020. Available from: <https://splash247.com/bill-gates-joins-nuclear-powered-shipping-push/> The Microsoft co-founder, who turned 65 last week, is also chairman of TerraPower, a nuclear tech company that today announced a new venture with Mikal Bøe's CORE POWER, French nuclear materials handling specialist Orano and American utilities firm Southern Company.

Shipping is hardly a responsible global citizen. Peter van Duyn. *DCN - Daily Cargo News*. 2 November 2020. Available from: <https://www.thedcn.com.au/letter-to-the-editor-shipping-is-not-a-responsible-global-citizen/> I would like to comment on the recent opinion article by Shipping Australia, published in the DCN, about shipping being a vital industry and a responsible global citizen.

Japan's cruise ships cautiously return to sea amid a pandemic. Lucy Craft. *CBS News (US)*. 2 November 2020. Available from: <https://www.cbsnews.com/news/japan-cruise-ships-return-to-sea-amid-covid-coronavirus-pandemic/> 📰 The U.S.'s "no-sail" order expired over the weekend, opening the door to a gradual return of cruise ship tourism.

Royal Caribbean, Norwegian, Carnival Corp. cancel cruises through the end of the year. Julia Thompson. *USA Today*. 2 November 2020. Available from: <https://eu.usatoday.com/story/travel/cruises/2020/11/02/royal-caribbean-norwegian-cruises-canceled-through-2020-amid-covid-19/6128810002/> 📰 Royal Caribbean Group, Norwegian Cruise Line Holdings Ltd. and Carnival Corp. announced Monday that they are canceling most cruises through the end of the year as the COVID-19 pandemic continues.

Former maritime minister says UK has neglected shipping in pandemic. David Osler. *Lloyd's List*. 2 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134496/Former-maritime-minister-says-UK-has-neglected-shipping-in-pandemic> Coronavirus policy has favoured aviation over the maritime sector, despite industry's importance for wider prosperity, claims Nusrat Ghani.

ICS sets targets to get more women working at sea. Sam Chambers. *Splash 247com*. 3 November 2020. Available from: <https://splash247.com/ics-sets-targets-to-get-more-women-working-at-sea/> The International Chamber of Shipping has issued a 50-page report with some urgent recommendations for the industry to address its extraordinary diversity issues.

ICS sets targets to get more women working at sea. *International Chamber of Shipping (ICS)*. 3 November 2020. Available from: <https://www.ics-shipping.org/press-release/ics-launches-global-diversity-tracker-for-shipping-industry/> The International Chamber of Shipping has released the ICS Diversity Tracker, the first report looking into the state of diversity and inclusion in the global shipping labour force. [ICS Diversity Tracker](#) 📰

Advancing methanol bunkering. *Lloyd's Register*. 3 November 2020. Available from: <https://www.lr.org/en/insights/articles/advancing-methanol-bunkering/> LR's Douglas Raitt explains how our new Technical Reference will help shipowners, ports and bunker suppliers understand the processes and procedures required for the safe use of methanol as a marine fuel.

IBIA CONVENTION: IBIA Chairman Warns COVID-19 is No Excuse for Missing IMO GHG Targets *Ship & Bunker*. 3 November 2020. Available from: <https://shipandbunker.com/news/world/529292-ibia-convention-ibia-chairman-warns-covid-19-is-no-excuse-for-missing-imo-ghg-targets> The problems caused by this year's COVID-19 pandemic should not be taken as an excuse for the bunker and shipping industries to ease off on their decarbonisation agenda, according to Henrik Zederkov, chairman of IBIA and senior director at Bunker Holding.

WMU Contributes to MTCC-Africa Workshop on the Role of Women in Decarbonization. *World Maritime University (WMU)*. 3 November 2020. Available from: <https://www.wmu.se/news/wmu-contributes-to-mtcc-africa-workshop-on-the-role-of-women-in-decarbonization> Dr. Cleopatra Doumbia-Henry, President of the World Maritime University, delivered a keynote address at the MTCC-Africa Workshop on the Role of Women in Decarbonization that was held virtually on 29 October.

DNV GL and STB to develop cruise infection compliance audit and certification program.

DNV GL. 3 November 2020. Available from: <https://www.dnvgl.com/news/dnv-gl-and-stb-to-develop-cruise-infection-compliance-audit-and-certification-program-188662> To rebuild passenger and crew confidence amidst the COVID-19 crisis, DNV GL, together with the Singapore Tourism Board are jointly developing the CruiseSafe certification, a compliance audit and certification programme for cruises sailing from the port of Singapore.

Preparing for a storm. Carlos C. Salinas. *Manila Times*. 4 November 2020. Available from:

<https://www.manilatimes.net/2020/11/04/business/maritime-business/preparing-for-a-storm/791104/>

Let me start this column by honoring the memory of William A. O'Neil, secretary-general of the International Maritime Organization from 1990 to 2003, who passed away on October 29 at the age of 93.

Every ship's efficiency rating will be made public, says ICS. Sam Chambers. *Splash 247com*.

4 November 2020. Available from: <https://splash247.com/every-ships-efficiency-rating-will-be-made-public-says-ics/> The 'A' to 'E' operational efficiency rating of every ship above 5,000 gt will be made fully public and updated on an annual basis, according to the International Chamber of Shipping.

Shipping industry should consider nuclear option for decarbonizing: experts. *S&P Global Platts*.

4 November 2020. Available from: <https://bit.ly/3rxT7bj> Stakeholders in the maritime industry are considering an increased uptake of nuclear power as one of its choices as it strives to meet decarbonization targets that the IMO has mandated, according to industry observers and participants.

Kuehne + Nagel ranks 15 container lines based on carbon emissions. Tomas Kristiansen.

ShippingWatch. 4 November 2020. Available from:

<https://shippingwatch.com/carriers/Container/article12537184.ece> Kuehne + Nagel has introduced a climate criterion for when it chooses container lines, and ranks 15 container lines according to the scope of their carbon emissions.

Carriers face expensive transition to zero-carbon future. James Baker. *Lloyd's List*.

4 November 2020. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1134536/Carriers-face-expensive-transition-to-zero-carbon-future> Costs for zero-carbon shipping will inevitably fall on container lines' cargo-owning customers as demands for lower-emission shipping increase.

Biofuels in prime position to deliver on short-term climate goals: Goodfuels CEO.

Tom Washington. *S&P Global Platts*. 5 November 2020. Available from: <https://bit.ly/2WU7CrJ>

As transport industries look to slash greenhouse gas emissions and examine alternative power options, biofuels are well-placed to meet short-term international emissions goals, Dutch biofuels provider GoodFuels CEO Dirk Kronemijer said.

Women in Shipping Present a Unified Voice at Global AGM. *Women's International Shipping & Trading Association (WISTA)*. 5 November 2020. Available from:

<https://wistainternational.com/news/4299/> As the world's leading professional body for women working in the maritime industry, the Women's International Shipping and Trading Association now has 53 national associations (NWAs) around the globe with over 3,800 active members.

The foul-smelling fuel that could power big ships. Adrienne Murray. *BBC News*.


6 November 2020. Available from: <https://www.bbc.co.uk/news/business-54511743> An enormous engine, the height of three floors, growls loudly at a test centre in Copenhagen.

MAN urges shipping to capitalise on momentum towards decarbonisation. Luci Hine. *TradeWinds*. 6 November 2020. Available from: <https://www.tradewindsnews.com/insight/man-urges-shipping-to-capitalise-on-momentum-towards-decarbonisation/2-1-906972> Shipping should ramp up its momentum towards decarbonisation, take rapid action and engage with broader industry partners if it is to meet the IMO 2050 emissions targets, according to Danish engine designer MAN Energy Solutions.

Shipping Gets Together to Reduce Emissions. *Hellenic Shipping News*. 9 November 2020. Available from: <https://www.hellenicshippingnews.com/shipping-gets-together-to-reduce-emissions/> Shipping industry behemoths are actively joining forces to reduce their environmental impact.

US election: reaction from the maritime industry as Joe Biden cruises to the White House. Adele Berti. *ShipTechnology*. 10 November 2020. Available from: <https://www.ship-technology.com/features/us-election-maritime-biden-impact/> Some four days after the closing of polls, Joe Biden has secured enough electoral votes to become the 46th President of the United States.

Shipowners announce new surcharges as container shortage worsens. Greg Holt. *S&P Global Platts*. 10 November 2020. Available from: <https://bit.ly/2KJ7s3S> Container shipowners have nominated further surcharges and rate increases for Asia-to-Europe routes in the final weeks of the year as a shortage of boxes in Asia outpaces the slowdown in export shipments

ICS report reveals scale of challenge to decarbonise shipping. *International Chamber of Shipping (ICS)*. 11 November 2020. Available from: <https://www.ics-shipping.org/press-release/ics-report-reveals-scale-of-challenge-to-decarbonise-shipping/> The report warns that a failure by governments to support the industry's initiative to accelerate R&D risks trillions of dollars of investment being misallocated, making it impossible for the sector to decarbonise. [Catalysing the fourth propulsion revolution](#) 

Time to launch carbon plan for shipping is now, industry says. Jonathan Saul. *Reuters*. 11 November 2020. Available from: <https://uk.reuters.com/article/idUKL8N2HW79A> The shipping industry must act now in order to meet U.N. targets to cut carbon emissions by 2050, leading officials said on Wednesday, ahead of a meeting next week that will seek to advance a plan.

Climate Bonds Initiative charts green bond rules for shipping. Cecilia Keating. *Business Green*. 11 November 2020. Available from: <https://www.businessgreen.com/news/4023084/climate-bonds-initiative-charters-green-bond-rules-shipping> Green shipping certification scheme that excludes all vessels dedicated to transporting fossil fuels aims to point investors towards shipping projects aligned with global climate goals.

Shipping 'needs to step outside its bubble'. *Ekathimerini (Greece)*. 11 November 2020. Available from: <https://www.ekathimerini.com/259013/article/ekathimerini/business/shipping-needs-to-step-outside-its-bubble> It became very apparent during last week's digital Greener Shipping Summit 2020 that the European Union has its work cut out as it strives to tackle the burning issue of the decarbonization of the maritime industry

COVID-19 cuts global maritime trade, transforms industry. *United Nations Conference on Trade and Development (UNCTAD)*. 12 November 2020. Available from: <https://unctad.org/news/covid-19-cuts-global-maritime-trade-transforms-industry> Global maritime trade will plunge by 4.1% in 2020 due to the unprecedented disruption caused by COVID-19, UNCTAD estimates in its Review of Maritime Transport 2020, released 12 November. [Review of Maritime Transport 2020](#) 

Covid-19 pandemic crises pushing up costs for crew changes. *Danica Maritime Services.* 12 November 2020. Available from: <https://www.danica-maritime.com/2020/11/12/covid-19-pandemic-crises-pushing-up-costs-for-crew-changes/> Ship operators are being warned to expect higher crewing costs next year as pandemic measures and challenges in carrying out crew changes push prices higher.

American Samoa COVID-19 outbreak puts spotlight on international shipping. *ABC (Australia).* 13 November 2020. Available from: <https://www.abc.net.au/radio-australia/programs/pacificbeat/ships-covid/12879912> The International Maritime Organization says Pacific countries must allow shipping routes to stay open despite a COVID-19 outbreak onboard a container ship in American Samoa.

Shipping industry urges governments to take forward USD 5 billion proposal to accelerate the decarbonisation of maritime transport. *International Chamber of Shipping (ICS).* 16 November 2020. Available from: <https://bit.ly/353befo> As governments come together at the IMO to consider important next steps to decarbonise maritime transport, the global shipping industry calls on them to take forward its proposal for an industry-financed, US\$ 5 billion research and development programme, to catalyse the transformation of the industry from dependence on fossil fuels to operating with zero-carbon energy sources.

Tanker Owners Could be in For More Pain. Nikos Roussanoglou. *Hellenic Shipping News.* 16 November 2020. Available from: <https://www.hellenicshippingnews.com/tanker-owners-could-be-in-for-more-pain/> The tanker market is bound for a revival, but just how soon this will come is anyone's guess.

Ships moved more than 11 billion tonnes of our stuff around the globe last year, and it's killing the climate: This week is a chance to change. Christiaan De Beukelaer. *The Conversation.* 16 November 2020. Available from: <https://bit.ly/2L9aJtp> The shipping of goods around the world keeps economies going. But it comes at an enormous environmental cost – producing more CO₂ than the aviation industry.

Navigating Towards Cleaner Maritime Shipping: Lessons From the Nordic Region. *International Transport Forum.* 16 November 2020. Available from: <https://www.itf-oecd.org/navigating-towards-cleaner-maritime-shipping> This report analyses future energy-use in the shipping sector of the Nordic region. It centres on pathways that could allow the Nordic shipping sector to meet energy and environmental policy goals, including energy diversification, cutting air pollution and reducing greenhouse gas emissions. [Report](#)

Pathways to better fuel efficiency. M Kalyanaraman. *Marine Propulsion & Auxiliary Machinery.* 16 November 2020. Available from: <https://www.rivieramm.com/news-content-hub/pathways-to-better-fuel-efficiency-61821> Following the financial crisis of 2008, as bunker fuel prices increased and freight rates dropped, improved energy efficiency came into greater focus.

Maritime must 'look for colour' to solve diversity conundrum, lawyers say. Michael Juliano. *TradeWinds.* 16 November 2020. Available from: <https://www.tradewindsnews.com/cruise-and-ferry/maritime-must-look-for-colour-to-solve-diversity-conundrum-lawyers-say/2-1-910173> Blue-water shipping needs to step up its recruitment efforts if it wants to have a more diverse workforce, particularly in leadership roles, maritime lawyers said.

Danish Shipping celebrates major Asian trade deal. *ShippingWatch.* 16 November 2020. Available from: <https://shippingwatch.com/carriers/article12565431.ece> Countries including China, Australia and South Korea on Sunday signed the world's largest free-trading agreement measured by GDP.

CMA CGM introduces carbon compensation scheme for customers. Christian Carlsen.

ShippingWatch. 17 November 2020. Available from:

<https://shippingwatch.com/carriers/Container/article12567684.ece> France's CMA CGM launches a new product offering to its customers, which ensures carbon-neutral transport, according to the container line.

ECSA highlights crucial role of shipping as vector of global trade in its contribution to EU Trade Policy Review. *European Community Shipowners' Associations (ECSA)*. 17 November 2020.

Available from: <https://www.ecsa.eu/news/ecsa-highlights-crucial-role-shipping-vector-global-trade-its-contribution-eu-trade-policy> Launched earlier in June, the European Commission is conducting a major review of the EU's trade policy to build a fresh outlook for the years ahead.

Container freight rates soar on consumer goods boom, supply chain kinks. Roslan Khasawneh.

Reuters. 18 November 2020. Available from: <https://www.reuters.com/article/us-global-shipping-container-idUSKBN27Y0BT>

Global container shipping rates have surged to records on a spike in restocking demand in the United States and Europe, container scarcity at export hubs, and changes in freight flows because of the coronavirus pandemic, shipping sources said.

Shipping's \$5bn decarbonisation R&D fund proposal comes in for attack. Sam Chambers.

Splash 247com. 18 November 2020. Available from: <https://splash247.com/shippings-5bn-decarbonisation-rd-fund-proposal-comes-in-for-attack/> With the hybrid short term emissions cutting measures agreed yesterday, much of the remaining days of the 75th gathering of the Marine Environment Protection Committee will be spent discussing the merits of the shipping industry's proposed \$5bn R&D decarbonisation fund, with opposition to the proposal growing, especially from islands in the South Pacific.

IMO decision starts race against time to raise ship efficiency. Adam Corbett. *TradeWinds*.

19 November 2020. Available from: <https://www.tradewindsnews.com/regulation/imo-decision-starts-race-against-time-to-raise-ship-efficiency/2-1-914740> Over the next two years, owners will have to upgrade existing vessels to match the operating efficiency of newbuildings or face a limit on engine power.

Doubt raised on shipping's ability to meet IMO's CO2 emissions target. Michael Grinter.

Hong Kong Maritime Hub. 19 November 2020. Available from:

<http://www.hongkongmaritimehub.com/doubt-raised-on-shippings-ability-to-meet-imos-co2-emissions-target/> Coinciding with IMO's latest MEPC meeting which approved short term measures to cut greenhouse gas emissions, an SSY, Marine Benchmark research brief has cast doubt on the attainability of IMO's long term targets.

Maritime CO2 Emissions. *Marine Benchmark*. 19 November 2020. Available from:

<https://bit.ly/3o5EKT1> Maritime greenhouse gas emissions, accounting for approximately 3% of global CO2 emissions, have come under increased scrutiny in recent years, not least following the 2015 UNFCCC Paris Agreement.

World Business Report: Container shipping costs rise sharply. *BBC World Service*.

19 November 2020. Available from: <https://www.bbc.co.uk/sounds/play/w172xlw00mdrf4v> As a result of the pandemic, the cost of global shipping has risen sharply.

Caribbean shipping providing stable center for regional economies. *Caribbean Shipping Association*. 23 November 2020. Available from:

<https://www.caribbeanshipping.org/index.php/news/324-caribbean-shipping-providing-stable-center-for-regional-economies> The CSA president told more than 200 online participants in the CSA's AGM that they are rendering the most vital assistance to the people of the Caribbean by keeping the supply chain open and responsive to vital needs.

The impact of COVID on maritime gender pay. *Spinnaker Global Ltd.* 24 November 2020.

Available from: https://spinnaker-global.com/0_24-11-2020-impact-covid-gender-pay-gap-maritime
Female representation across the industry was found to have remained fairly stable this year; with a 42% female workforce globally compared to 52% in the UK specifically.

Interferry GHG data survey bids for fair application of IMO proposals. *Interferry.*

24 November 2020. Available from: <https://interferry.com/2020/11/24/interferry-ghg-data-survey-bids-for-fair-application-of-imo-proposals/> Global trade association Interferry is conducting a major energy efficiency data survey among members to ensure that existing ferries can comply with short-term greenhouse gas emissions measures agreed in principle at last week's meeting of the IMO's Marine Environment Protection Committee.

We're driving to zero carbon, not zero humanity. Christopher Wiernicki. *Lloyd's List.*

24 November 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1134825/Were-driving-to-zero-carbon-not-zero-humanity> Whatever lofty future goal we pursue, it's important to remember that policy and technology are only part of the solution.

RightShip announces innovative Maritime Emissions Portal. *Hellenic Shipping News.*

25 November 2020. Available from: <https://www.hellenicshippingnews.com/rightship-announces-innovative-maritime-emissions-portal/> After winning a coveted Google Impact Challenge Grant, RightShip has worked with the Pilbara Ports Authority to develop a successful pilot program that allows ports around the world to review their emissions profiles and develop appropriate management strategies.

BIMCO to Become 'More Proactive' in Lobbying IMO From New London Office. *Ship & Bunker.*

25 November 2020. Available from: <https://shipandbunker.com/news/emea/347216-bimco-to-become-more-proactive-in-lobbying-imo-from-new-london-office> Shipping industry body BIMCO is set to open an office in London next year as it steps up its effort to influence the International Maritime Organization (IMO) regulatory process, the organisation said Wednesday.

Alternative fuels: How can we make sure they are better? Dennis O'Neill. *Institute of Marine Engineering, Science and Technology (IMarEST).* 25 November 2020. Available from:

<https://www.imarest.org/themarineprofessional/on-the-radar/item/5853-alternative-fuels-how-can-we-make-sure-they-are-better> The commitment and innovation shown by the shipping industry to tackle climate concerns could be undermined if upstream emissions efforts fail to keep up.

Image Line Communications appointed to implement the Women in Shipping priority actions.

European Community Shipowners' Associations (ECSA). 25 November 2020. Available from: <https://www.hellenicshippingnews.com/rightship-announces-innovative-maritime-emissions-portal/> The ECSA–ETF WESS project aims to contribute to an Attractive, Smart and Sustainable Working Environment in the EU shipping sector, by supporting the work towards jobs, growth and the sector's competitiveness.

Thumbs down for LNG as industry innovators thrash out the future of fuels. Gary Dixon.

TradeWinds. 25 November 2020. Available from: <https://www.tradewindsnews.com/technology/thumbs-down-for-lng-as-industry-innovators-thrash-out-the-future-of-fuels/2-1-919257> A panel of experts assembled by TradeWinds has given its verdict on how shipping will look by 2030 — and which future and transitional fuels are worth backing.

Making shipping cleaner - is LNG the answer? Zhaki Abdullah. *Channel News Asia.*

26 November 2020. Available from: <https://www.channelnewsasia.com/news/climatechange/shipping-maritime-industry-lng-clean-energy-bunker-fuel-13617950> As the global maritime sector tries to switch to liquified natural gas as an alternative fuel source, there have been questions about how clean it really is and what else can be done to reduce the industry's pollutive impact on the environment.

Biofuels – another way to decarbonise. Malcolm Latache. *ShipInsight*. 26 November 2020. Available from: <https://shipinsight.com/articles/biofuels-another-way-to-decarbonise/> In the search for future fuels that can allow shipping to meet the IMO's ambitious decarbonisation targets a number of options are being proposed.

Maritime industry can help us reach net-zero economy by 2050. *The Star (Canada)*. 26 November 2020. Available from: <https://www.thestar.com/opinion/contributors/2020/11/26/maritime-industry-can-help-us-reach-net-zero-economy-by-2050.html> According to the International Energy Agency, industrial ports and domestic shipping fleets are among the most effective places to achieve economywide reductions in greenhouse gas emissions and scale up hydrogen supply chains.

Volkswagen to operate ships on vegetable oil to slash emissions. John Snyder. *Marine Propulsion & Auxiliary Machinery*. 26 November 2020. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/volkswagen-to-operate-ships-on-vegetable-oil-to-slash-emissions-62051> In an effort to lower its CO2 emissions by as much as 85% on certain vehicle shipments in Europe, car manufacturer Volkswagen Group will bunker two of its vehicle carriers with biofuel under a new partnership with Dutch fuel supplier GoodFuels.

Ammonia – a fuel of the future? Kazuhiro Morita. *EurActiv*. 27 November 2020. Available from: <https://www.euractiv.com/section/energy-environment/opinion/ammonia-a-fuel-of-the-future/> In the battle to reach net-zero by 2050, one thing has become clear: there is no single solution to get us there.

Japan, South Korea, industry oppose EU plan to cut shipping emissions. Kate Abnett. *Reuters*. 27 November 2020. Available from: <https://reut.rs/382cq4L> Japan, South Korea and a fleet of international shipping groups have warned the European Union against its plan to add greenhouse gas emissions from the maritime sector to Europe's carbon market.

CDB, IMPACS and OECS Partner to Establish Maritime Single Window. *Organisation of Eastern Caribbean States (OECS)*. 27 November 2020. Available from: <https://pressroom.oecs.org/cdb-impacs-and-oecs-partner-to-establish-maritime-single-window> A maritime single window will be established in the Eastern Caribbean in the upcoming months says Director of the Projects Department at the Caribbean Development Bank (CDB), Mr. Daniel Best.

The fuel that could transform shipping. Jocelyn Timperley. *BBC Future*. 30 November 2020. Available from: <https://www.bbc.com/future/article/20201127-how-hydrogen-fuel-could-decarbonise-shipping> A long stretch of river in northern Belgium, a small ferry is running on a fuel that many hope could hold the key to decarbonising ships everywhere.

RESEARCH

Merk OM. **Quantifying tax subsidies to shipping.** *Maritime Economics & Logistics*.

5 November 2020. Available from: <https://doi.org/10.1057/s41278-020-00177-0>

These subsidies consist of monetary aid of state bodies to shipping companies, in various forms.

Hammond A and Jones PJS. **Protecting the 'blue heart of the planet': Strengthening the governance framework for marine protected areas beyond national jurisdiction.**

Marine Policy. 5 November 2020. Available from:

<http://www.sciencedirect.com/science/article/pii/S0308597X20309064> The ongoing negotiations towards a new implementing agreement to the United Nations Convention on the Law of the Sea (UNCLOS) regarding conservation and sustainable use of biodiversity beyond national jurisdiction (BBNJ) present a unique opportunity to begin a new chapter in ocean governance.

Witbooi E, Ali K-D, et al. **Organized crime in the fisheries sector threatens a sustainable ocean economy.** *Nature*. 11 November 2020. Available from: <https://doi.org/10.1038/s41586-020-2913-5>

The threat of criminal activity in the fisheries sector has concerned the international community for a number of years.

Barla C and Agarwala N. **Comparing maritime piracy along the coasts of Africa: In search of a solution for the Gulf of Guinea.** *Maritime Affairs: Journal of the National Maritime Foundation of India*. 13 November 2020. Available from: <https://doi.org/10.1080/09733159.2020.1836774>

Merchant ships at sea have been under threat for centuries from criminal activities such as maritime piracy and armed robbery.

Yu C, Pasternak D, et al. **Characterizing the Particle Composition and Cloud Condensation Nuclei from Shipping Emission in Western Europe.** *Environmental Science & Technology*.

18 November 2020. Available from: <https://doi.org/10.1021/acs.est.0c04039> To assess the climatic and environmental impacts of shipping, detailed characterization of ship plumes near the point of emission and understanding of ship plume evolution further downwind are essential.

Bužančić Primorac B, Parunov J, et al. **Structural Reliability Analysis of Ship Hulls Accounting for Collision or Grounding Damage.** *Journal of Marine Science and Application*.

20 November 2020. Available from: <https://doi.org/10.1007/s11804-020-00176-w> Classical structural reliability analysis of intact ship hulls is extended to the case of ships with collision or grounding damages.

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maritimeknowledgecentre@imo.org

About the front 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.