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INTERNATIONAL MARITIME ORGANIZATION

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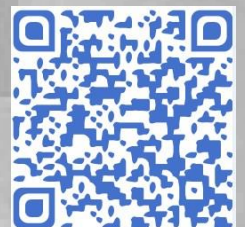
CURRENT AWARENESS BULLETIN

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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

New IMO department will tackle key global issues through innovative partnerships

A new department has been established within the IMO Secretariat to focus on supporting Member States to tackle key global issues in the context of international shipping - and help promote sustainable development.

Operational from 1 March 2020, the Department for Partnerships and Projects will enhance and strengthen partnerships with external stakeholders and donor agencies to tackle some of the major global challenges which impinge on today's maritime world. [More...](#)

IMO MEETINGS FOR 2020

IMO postpones meetings due to COVID-19

The International Maritime Organization (IMO) has decided to postpone a number of meetings following the global coronavirus outbreak.

The move takes into account the decision of the United Kingdom on 5 March 2020 to move towards the "delay" phase of its [Coronavirus action plan](#): a guide to what you can expect across the UK, similar actions adopted by other UN agencies, and the increased difficulties for delegates from IMO Member States traveling from abroad to attend IMO meetings. [More...](#)

LATEST PRESS BRIEFINGS

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

[2020 Tacitus Lecture](#), Guildhall, London ([Video and transcript](#)) 27 February 2020

[Flagship conference European Shipping Week 2020 - Challenges and opportunities affecting the maritime industry and IMO's role](#), 20 February 2020

Sub-Committee on Pollution Prevention and Response (PPR 7), 17-21 February 2020 ([Opening](#) remarks)

Sub-Committee on Ship Design and Construction (SDC 7), 3-7 February 2020 ([Opening](#) address)

IMO NEWS MAGAZINE ([Winter 2019](#))

IMO PUBLISHING

[Just Published 2020](#)

[February 2020 Newsletter](#)

UNITED NATIONS

Ocean Conference has potential to be a 'global game-changer'. *UN News*. 4 February 2020.

Available from: <https://news.un.org/en/story/2020/02/1056692> The second global Ocean Conference taking place in Portugal in a few months' time promises to be "a critical moment" for the health of life under water and on land, the President of the UN General Assembly said on Tuesday, as preparations got underway.

2020: the year for action, to 'rise up' and safeguard ocean life. *UN News*. 5 February 2020.

Available from: <https://news.un.org/en/story/2020/02/1056792> Multiple stressors are eroding the ocean's ability to function as the planet's life support system, and so defending its capacity to produce oxygen, sequester carbon and provide food and livelihoods for billions of people is vital, delegates heard.

\$675 million appeal to stop coronavirus in its tracks, as deaths rise. *UN News*.

5 February 2020. Available from: <https://news.un.org/en/story/2020/02/1056772> Speaking in Geneva, Tedros Adhanom Ghebreyesus said that latest data indicated 24,363 confirmed infections in China and 490 deaths from the respiratory disease (2019-nCoV), which was declared on 31 December.

UN food agencies offer support to China amid coronavirus outbreak. *Food and Agriculture Organization of the United Nations (FAO)*. 5 February 2020. Available from:

<http://www.fao.org/news/story/en/item/1259800/icode/> The Food and Agriculture Organization of the United Nations (FAO), the International Fund for Agricultural Development (IFAD) and the World Food Programme (WFP) have jointly expressed solidarity with China and offered support to the country as it battles the novel coronavirus (2019-nCoV) outbreak.

WHO to accelerate research and innovation for new coronavirus. *World Health*

Organization (WHO). 6 February 2020. Available from: <https://www.who.int/news-room/detail/06-02-2020-who-to-accelerate-research-and-innovation-for-new-coronavirus> WHO is convening a global research and innovation forum to mobilize international action in response to the new coronavirus (2019-nCoV).

Coronavirus containment is the key, as infections tick up: Tedros. *UN News*. 10 February 2020.

Available from: <https://news.un.org/en/story/2020/02/1057051> After earlier describing cases of infection in people with no travel history to China as possibly the "tip of the iceberg", the World Health Organization Director-General warned in Geneva that while the spread of the respiratory disease appeared to be slow, it could accelerate.

With science 'held back by a gender gap', Guterres calls for more empowerment for women and girls. *UN News*. 10 February 2020. Available from:

<https://news.un.org/en/story/2020/02/1057111> Pledging to end the gender imbalance in science, the UN Secretary-General António Guterres said in his message for the Day that "dismantling gender stereotypes" was an essential step.

UN health agency developing COVID-19 virus treatment master plan. *UN News*.

12 February 2020. Available from: <https://news.un.org/en/story/2020/02/1057281> Mr. Tedros was speaking at a press conference in Geneva, at the conclusion of a two-day research and innovation forum on COVID-19, during which leading health experts from around the world met to assess the current level of knowledge about the new disease, identify gaps and work together, so that critical research can begin immediately.

Outside China, Coronavirus transmission ‘iceberg’ may not be as big as feared. *UN News.*

13 February 2020. Available from: <https://news.un.org/en/story/2020/02/1057331> 🗞️ As infections from COVID-19 coronavirus continue to rise, a senior UN health expert on Thursday said that there were some indications that disease transmission outside China might not be the tip of the “iceberg” that had been feared.

‘This is a time for facts, not fear,’ says WHO chief as COVID-19 virus spreads. *UN News.*

15 February 2020. Available from: <https://news.un.org/en/story/2020/02/1057481> 🗞️ As the number of coronavirus cases reportedly passed 60,000, WHO Director-General Tedros Adhanom Ghebreyesus told foreign policy and security experts gathered for the Munich Security Conference that the UN agency was encouraged that there has not yet been widespread community transmission of the virus, now named COVID-19, outside of China.

COVID-19 not yet a pandemic, says UN health agency chief. *UN News.* 24 February 2020.

Available from: <https://news.un.org/en/story/2020/02/1057991> 🗞️ While a sudden increase in new cases of COVID-19 is of concern, the spread of coronavirus is not yet a pandemic, the head of the World Health Organization (WHO) said on Monday.

COVID-19: More new virus cases outside China than in, ‘no time for complacency’, says UN health agency. *UN News.* 26 February 2020. Available from:

<https://news.un.org/en/story/2020/02/1058141> “The sudden increases of cases in Italy, the Islamic Republic of Iran and the Republic of Korea are deeply concerning”, WHO Director-General Tedros Adhanom Ghebreyesus said at a briefing in Geneva on Wednesday.

CASUALTIES

Report: Misdeclared Charcoal Likely Caused *Yantian Express* Fire. *Maritime Executive*.

4 February 2020. Available from: <https://www.maritime-executive.com/article/report-misdeclared-charcoal-likely-caused-yantian-express-fire> Germany's Federal Bureau of Maritime Casualty Investigation (BSU) has released its report into the container fire aboard the Hapag-Lloyd container ship *Yantian Express* last year, and it has determined that the blaze was likely caused by a misdeclared cargo of charcoal.

Investigation Report 15/19: Serious Marine Casualty: Fire in the area of the deck cargo on board the container ship *Yantian Express* in the Atlantic Ocean on 3 January 2019. *Federal Bureau of Maritime Casualty Investigation (Germany)*. 30 January 2020. Available from:

https://www.bsu-bund.de/SharedDocs/pdf/EN/Investigation_Report/2020/Investigation_Report_15_19.pdf

This investigation was conducted in conformity with the Law to improve safety of shipping by investigating marine casualties and other incidents (Maritime Safety Investigation Act - SUG).

[Press Release No. 03/20](#)

Accident Investigation Report 4/2020: Grounding of ro-ro freight vessel *Seatruck*

Performance. *UK Marine Accident Investigation Branch (MAIB)*. 6 February 2020. Available from:

<https://www.gov.uk/maib-reports/grounding-of-ro-ro-freight-vessel-seatruck-performance> At 2243 on 8 May 2019, the Isle of Man registered roll-on/roll-off (ro-ro) freight vessel *Seatruck Performance* grounded while transiting the Greenore Channel in Carlingford Lough, Northern Ireland, soon after departing Warrenpoint for passage to Heysham, England. [Report](#)

Search Under Way for Bulker's Missing Captain off Guam. *Maritime Executive*.

12 February 2020. Available from: <https://www.maritime-executive.com/article/search-under-way-for-missing-bulker-captain-off-micronesia> The U.S. Coast Guard and the U.S. Air Force are searching for the captain of the Japanese-operated bulker *Rising Wind*, who went missing at a position about 150 nm off Chuuk, a Micronesian island southeast of Guam.

Capesize crushed after Turkish bulk carrier lost control. Gary Dixon. *TradeWinds*.

13 February 2020. Available from: <https://www.tradewindsnews.com/casualties/capesize-crushed-after-turkish-bulk-carrier-lost-control/2-1-755623> A Japanese capesize suffered severe damage after it was hit by a Turkish bulker off the UK last year, but no cause has been found for the incident.

Experts to examine mystery 'ghost ship' run aground off Cork coast during Storm Dennis.



Independent (Ireland). 17 February 2020. Available from: <https://bit.ly/2wvF9hP> The 80 metre (240ft) vessel, believed to be the *MV Alta*, was driven ashore near Ballycotton in east Cork by the raging seas of Storm Dennis and left wedged on rocks by the high tide.

Crew deaths by oxygen depletion occur twice inside three months. Adam Corbett. *TradeWinds*.


19 February 2020. Available from: <https://www.tradewindsnews.com/casualties/crew-deaths-by-oxygen-depletion-occur-twice-inside-three-months/2-1-758384> Two seafarers died in separate incidents within three months of each other in 2018 after entering enclosed spaces without sufficient oxygen, according to accident investigation reports released by the Marshall Islands ship register.

Three dead, three missing after cargoship sinks off Zhoushan. Katherine Si. *Seatrade Maritime*

News. 19 February 2020. Available from: <https://www.seatrade-maritime.com/casualty/three-dead-three-missing-after-cargoship-sinks-zhoushan> Three people dead and three are still missing after a cargoship sank in the Zhoushan sea area, Zhejiang province.

Collision between ro-ro passenger ferry *Red Falcon* and moored yacht *Greylag*. *UK Marine Accident Investigation Branch (MAIB)*. 20 February 2020. Available from: <https://www.gov.uk/maib-reports/collision-between-ro-ro-passenger-ferry-red-falcon-and-moored-yacht-greylag> At 0811 on 21 October 2018, when navigating in severely reduced visibility in Cowes Harbour, the master of the ro-ro passenger ferry *Red Falcon* lost orientation when his vessel swung out of control, departed the navigable channel and was spun around through 220°. [MAIB investigation report 6-2020: *Red Falcon* and *Greylag*](#)  [Annexes](#) 

Captain murdered on oil tanker off Venezuela - port authority. Deisy Buitrago and Marianna Parraga. *Reuters*. 26 February 2020. Available from: <https://uk.reuters.com/article/uk-venezuela-crime/captain-murdered-on-oil-tanker-off-venezuela-port-authority-idUKKBN20J2VL> Armed assailants murdered the captain of an oil tanker after boarding his ship while it was anchored off the coast of eastern Venezuela, according to a local union leader and a report from a Venezuelan port authority.

Dark patches around grounded *Polaris VLOC* spark fears of bunker spill. Sam Chambers. *Splash 247.com*. 28 February 2020. Available from: <https://splash247.com/dark-patches-around-grounded-polaris-vloc-spark-fears-of-bunker-spill/>  Aerial images recorded by the Brazilian Navy yesterday show a series of dark spots around the *Stellar Banner*, a fully laden very large ore carrier that ran aground on Monday night 100 km from Vale's Ponta da Madeira Maritime Terminal in the state of Maranhao.

ENVIRONMENT

No "Ocean Super-Year" without Marine Regions. Peter Thomson, Alexander Müller, Julien Rochette and Sebastian Unger. *International Institute for Sustainable Development (IISD)*. 4 February 2020. Available from: <http://sdg.iisd.org/commentary/guest-articles/no-ocean-super-year-without-marine-regions/> This new decade starts at a critical moment for the future of the Ocean.

Seychelles and Maldives announce a major joint marine research expedition to explore and conserve the Indian Ocean. *Government of Seychelles*. 5 February 2020. Available from: <http://www.statehouse.gov.sc/news/4742/seychelles-and-maldives-announce-a-major-joint-marine-research-expedition-to-explore-and-conserve-the-indian-ocean> Victoria, Seychelles; Male, Maldives: 'First Descent: Midnight Zone' is a 35-day mission to support the sustainable governance of the Seychelles and Maldivian ocean including the protection of 629,000 km².

World Bank to help Seychelles counter coastal erosion. Betymie Bonnelame. *Seychelles News Agency*. 5 February 2020. Available from: <http://www.seychellesnewsagency.com/articles/12377/World+Bank+to+help+Seychelles+counter+coastal+erosion> The World Bank will help Seychelles with the provision of experts and financial support to help the island nation deal with coastal erosion as a result of climate change, a top official said on Tuesday.

Minister of Climate Change inaugurates 3rd East Coast Marine Environment Festival. *Emirates News Agency (UAE)*. 6 February 2020. Available from: <https://www.wam.ae/en/details/1395302821893> Dr. Thani bin Ahmed Al Zeyoudi, Minister of Climate Change and Environment, on Thursday, inaugurated the 3rd edition of the East Coast Marine Environment Festival at the Kalba Corniche Park, featuring several live shows, heritage contests, marine, and recreational games.

World misses symbolic February deadline to ratchet up climate action before Cop26.

Alister Doyle. *Climate Home News*. 7 February 2020. Available from:

<https://www.climatechangenews.com/2020/02/07/world-misses-symbolic-february-deadline-ratchet-climate-action-cop26/> Almost all countries are set to miss a symbolic 9 February deadline to

strengthen plans to fight climate change under the Paris Agreement even though the United Nations says action in 2020 is vital to avert runaway global warming.

Climate crisis: Antarctic continent posts record temperature reading of 18.3°C. *UN News*.

7 February 2020. Available from: <https://news.un.org/en/story/2020/02/1056902> Speaking to

journalists in Geneva, spokesperson Clare Nullis from the World Meteorological Organization (WMO), said that the record reading taken in the north of the continent, would be considered unusual, even during the current warmer summer months.

UN Secretary General calls for action to protect world's oceans. *United Nations Economic and Social Commission for Africa (ECA)*. 9 February 2020. Available from:

<https://www.uneca.org/stories/un-secretary-general-calls-action-protect-world's-oceans> United Nations Secretary General, António Guterres, on Saturday called on the international community to protect the oceans from further abuse, and enable humankind to live in harmony with the oceans that sustain them.

New centre to drive sustainable development of marine and freshwater environments.

University of Portsmouth (UK). 11 February 2020. Available from: <https://bit.ly/32QAGIW>

The University of Portsmouth has launched The Centre for Blue Governance (CBG) – a new research centre that aims to protect and secure the future of the planet's marine and freshwater environments for humans and nature.

Defying expectations of a rise, global carbon dioxide emissions flatlined in 2019. *International Energy Agency (IEA)*. 11 February 2020. Available from: <https://www.iea.org/news/defying-expectations-of-a-rise-global-carbon-dioxide-emissions-flatlined-in-2019>

Despite widespread expectations of another increase, global energy-related carbon dioxide emissions stopped growing in 2019, according to IEA data released today.

Biodiversity hotspots revealed by remote-controlled mini-sub. *Government of Australia*.

12 February 2020. Available from: <http://www.antarctica.gov.au/news/2020/biodiversity-hotspots-revealed-by-remote-controlled-sub>

Marine biologists are flying a bespoke mini-submarine under the sea ice to explore environments around Davis research station that have never been seen before.

Replica of a 2000-year-old boat makes landfall in Florida after 6,000-mile journey across the Atlantic for #CleanSeas. *United Nations Environment Programme (UNEP)*. 12 February 2020.

Available from: <https://www.unenvironment.org/news-and-stories/story/replica-2000-year-old-boat-makes-landfall-florida-after-6000-mile-journey> Shipping gold from Africa, tin from Britain and linen from Egypt, the Phoenicians were once one of the most significant trading powers in the world.

Life without ice. Mark C. Urban. *Science*. 14 February 2020. Available from:

<https://science.sciencemag.org/content/367/6479/719> The National Snow and Ice Data Center reported that last year's minimum Arctic sea ice extent was the second lowest on record. Similarly, the Polar Science Center found that 2019 ended with the second lowest Arctic sea ice volume on record.

Humpback Whale Entangled in Illegal Gillnet Rescued inside Vaquita Refuge. *Sea Shepherd*. 24 February 2020. Available from: <https://seashepherd.org/2020/02/27/humpback-whale-entangled-in-illegal-gillnet-rescued-inside-vaquita-refuge/> On the morning of February 21st, Sea Shepherd was alerted to the presence of a whale in life-threatening distress in the Vaquita Refuge, a federally protected zone in Mexico's Upper Gulf of California.

Biodiversity 'fundamental' for global food systems, at "heart" of development – UN agriculture chief. *UN News*. 24 February 2020. Available from: <https://news.un.org/en/story/2020/02/1057981> Because the production of everything we eat transforms the environment, the United Nations agriculture chief told a high-level UN meeting on biodiversity that careful discussions are needed to decide on the scale of acceptable transformations.

Saving Mozambique's seagrass. *United Nations Environment Programme (UNEP)*. 26 February 2020. Available from: <https://www.unenvironment.org/news-and-stories/story/saving-mozambiques-seagrass> "People can't think of Inhaca without thinking about seagrass," says Salamao Bandeira of Maputo's Eduardo Mondlane University, knee-deep in the shallow waters on the seaward side of Maputo Bay, as he points at the shores of Inhaca Island.

Global species loss could be halved. *Phys.org*. 26 February 2020. Available from: <https://phys.org/news/2020-02-global-species-loss-halved.html> Extinction risk could decrease by more than 50% if at least 30% of land were to be conserved across the tropics, a new study reveals.

Net zero goal 'greatest commercial opportunity of our time,' says Mark Carney. Chloé Farand. *Climate Home News*. 27 February 2020. Available from: <https://news.un.org/en/story/2020/02/1058141> Incoming UN special envoy, Cop26 president Alok Sharma and ECB president Christine Lagarde set out agenda for private finance at UN climate talks.

Why we need more marine protected areas. Sarah Ryan Enright. *RTÉ (Ireland)* 27 February 2020. Available from: <https://www.rte.ie/brainstorm/2020/0226/1117733-marine-protected-areas/> The global ocean covers 71% of the surface of the planet, contains 97% of the earth's water and is rich in biodiversity. It provides essential ecosystem services which make life on earth possible, including food, water, oxygen and climate regulation.

Facing up to the climate crisis. Mike Corrigan. *Passenger Ship Technology*. 28 February 2020. Available from: <https://www.rivieramm.com/news-content-hub/facing-up-to-the-climate-crisis-58293> Interferry chief executive Mike Corrigan explains how the global trade association is supporting the ferry sector's leading role in finding solutions to an ominous challenge.

ENVIRONMENTAL POLLUTION

30 years ago, miles of O.C. beaches were fouled by a devastating oil spill. Paul Duginski. *Los Angeles Times*. 31 January 2020. Available from: <https://www.latimes.com/socal/daily-pilot/news/story/2020-01-31/american-trader-oil-spill-orange-county> On the afternoon of Feb. 7, 1990, the oil tanker American Trader ran over its anchor in relatively shallow water off Huntington Beach, spilling nearly 417,000 gallons of crude and fouling popular beaches along the Orange County coast.

The first potentially invasive species to reach the Antarctica on drifting marine algae.

EurekAlert! 31 January 2020. Available from: https://www.eurekalert.org/pub_releases/2020-01/uob-tfp013120.php Drifting algae in the Austral Ocean can bring invasive species to the Antarctic coasts, according to a study published in the journal *Scientific Reports*.

New study shows *Deepwater Horizon* oil spill larger than previously thought. *EurekAlert!*

12 February 2020. Available from: https://www.eurekalert.org/pub_releases/2020-02/uomr-nss021020.php Toxic and invisible oil spread well beyond the known satellite footprint of the *Deepwater Horizon* oil spill, according to a new study led by scientists at the University of Miami (UM) Rosenstiel school of Marine and Atmospheric Science.

Shipping pollution regulations 'could harm food chain'. Wil Crisp. *The Guardian*.

17 February 2020. Available from: <https://www.theguardian.com/environment/2020/feb/17/shipping-pollution-regulations-could-harm-food-chain> New shipping pollution regulations introduced earlier this year could harm humans by contaminating fish and crustaceans with toxins, according to an internal report compiled by the International Maritime Organization and obtained by the Guardian.

India, Norway pledge to address issue of marine plastic litter, microplastics. Urmi Goswami.

Economic Times (India). 17 February 2020. Available from: <https://economictimes.indiatimes.com/news/politics-and-nation/india-norway-pledge-to-address-issue-of-marine-plastic-litter-microplastics/articleshow/74170067.cms> Given the urgent nature and scale of the problem posed by marine litter and microplastics, India and Norway acknowledged that it cannot be tackled by anyone country alone and that it would require concerted action through collaboration, and cooperation.

MAN, Oron partners organisation to end marine plastic pollution. Godfrey Bivbere.

Vanguard (Nigeria). 19 February 2020. Available from: <https://www.vanguardngr.com/2020/02/man-oron-partners-organisation-to-end-marine-plastic-pollution/> The Maritime Academy of Nigeria, Oron, in collaboration with Marine and Environment Care is set to roll out a campaign against marine plastic pollution.

NIMASA: Nigeria Among Top 20 Polluters of Oceans, Seas. Eromosele Abiodun.

This Day (Nigeria). 21 February 2020. Available from: <https://www.thisdaylive.com/index.php/2020/02/21/nimasa-nigeria-among-top-20-polluters-of-oceans-seas/> The Nigerian Maritime Administration and Safety Agency (NIMASA) has cautioned against the dangers of plastic waste revealing that Nigeria is among top 20 countries that contribute 83 per cent of total volume of land based plastic waste that end up in the oceans and seas.

Scientists gather to study risk from microplastic pollution in ocean. Gillian Flaccus. *Portland Press Herald (US)*. 24 February 2020. Available from:

<https://www.pressherald.com/2020/02/24/scientists-gather-to-study-risk-from-microplastic-pollution-in-ocean/> The goal of the West Coast group is to create a mathematical risk assessment for microplastic pollution in the region similar to predictions used to game out responses to major natural disasters such as earthquakes.

How do we tackle marine-based plastic? *Institute of Marine Engineering, Science and Technology (IMarEST)*. 26 February 2020. Available from: <https://bit.ly/2x4nePG>

In December 2018, the IMarEST hosted a roundtable event in Singapore with the Centre for Environment, Fisheries and Aquaculture Science (CEFAS, an agency of the UK government's Department for Environment, Food and Rural Affairs) to probe the challenges, management practices and attitudes in the marine industry towards plastic pollution.

HEALTH & SAFETY

Reducing the Risk of Infection from 2019 new Coronavirus (2019-nCoV) Information to shipping companies (26.1.2020) *International Maritime Health Association (IMHA).*

26 January 2020. Available from: <https://www.imha.net/sites/default/files/2020-01/20200126%20CORONA%20advice%20shipping%20comp.pdf> A new type of Coronavirus was detected since December 2019 in Wuhan City, Hubei Province of China.

Promoting seafarers' mental wellbeing in Chennai. *International Seafarers' Welfare and Assistance Network (ISWAN).* 30 January 2020. Available from:

<https://www.seafarerswelfare.org/news/2020/promoting-seafarers-mental-wellbeing-in-chennai>
Our Regional Director in South Asia, Chirag Bahri, recently spoke about seafarers' mental wellbeing at New Shipping Kaisha Ship Management's annual seminar in Chennai.

Novel coronavirus outbreak: implications for international trade and shipping. Nicholas Lum and Iain Clayton. *Clyde & Co LLP.* 3 February 2020. Available from:

<https://www.clydeco.com/insight/article/novel-coronavirus-outbreak-implications-for-international-trade-shipping> The recent outbreak of a novel coronavirus in Wuhan, China has received worldwide attention and is increasingly putting a strain on businesses.

Princess cruiseship quarantined as coronavirus cruise havoc continues. Jonathan Boonzaier.

TradeWinds. 4 February 2020. Available from: <https://www.tradewindsnews.com/cruise-and-ferry/princess-cruiseship-quarantined-as-coronavirus-cruise-havoc-continues/2-1-749532> Japanese authorities hold Diamond Princess while other lines flee China for safer waters.

Passengers face two weeks on virus-hit cruise ship off Japan. Ju-min Park and David Dolan.

Reuters. 4 February 2020. Available from: <https://reut.rs/38okWYA> Around 3,700 people are facing at least two weeks locked away on a cruise liner anchored off Japan after health officials confirmed on Wednesday that 10 people on the ship had tested positive for coronavirus and more cases were possible.

Coronavirus: thousands more cruise passengers might have been exposed to deadly infection. Phila Siu and Kanis Leung. *South China Morning Post.* 6 February 2020. Available from:

<https://www.scmp.com/news/hong-kong/health-environment/article/3049318/coronavirus-thousands-more-cruise-passengers> Thousands more people than previously thought might have been exposed to the deadly coronavirus, after a cruise line admitted one of its ships had sailed four times since carrying eight mainland Chinese passengers infected with the disease.

Diamond Princess coronavirus victims jump to 61 as Asian ports turn away cruiseships.

Dale Wainwright and Jonathan Boonzaier. *TradeWinds.* 7 February 2020. Available from: <https://www.tradewindsnews.com/cruise-and-ferry/diamond-princess-coronavirus-victims-jump-to-61-as-asian-ports-turn-away-cruiseships/2-1-752052> The number of people aboard a *Princess Cruises* ship who have tested positive for coronavirus has almost tripled to 61, the Carnival Corp subsidiary has confirmed.

Sixty more people confirmed with coronavirus on cruise ship in Japan: media. Rocky Swift.

Reuters. 10 February 2020. Available from: <https://reut.rs/2vCySB4> Testing aboard the *Diamond Princess* cruise ship in Japan has revealed 60 more confirmed cases of coronavirus, media said on Monday, as quarantined passengers took to social media to warn of depression setting in over their confinement.

Coronavirus: Thousands on cruise ship allowed to disembark after tests. *BBC News*. 10 February 2020. Available from: <https://www.bbc.co.uk/news/world-asia-china-51433079> Thousands of people stuck on a cruise ship in Hong Kong for four days have been allowed to disembark after tests for coronavirus came back negative.

TT Club Advises Transport Operators on their Liabilities as a Consequence of the Coronavirus. *TT Club*. 10 February 2020. Available from: <https://www.ttclub.com/news-events/press-releases/tt-club-advises-transport-operators-on-their-liabilities-as-a-consequence-of-the-coronavirus-151383/> The ongoing disruption to freight transport services and global supply chains resulting from the coronavirus are significant and will continue to evolve on a daily basis. [Briefing The coronavirus and freight forwarding](#)

IMO and other member states release advisories on novel Coronavirus. *Vanguard (Nigeria)*. 12 February 2020. Available from: <https://www.vanguardngr.com/2020/02/imo-and-other-member-states-release-advisories-on-novel-coronavirus/> On January 30, 2020, World Health Organization, WHO, declared that the outbreak of novel coronavirus (2019-nCoV) constituted a Public Health Emergency of International Concern (PHEIC).

Cautious sails: Coronavirus (Covid-19) measures and impact on the cruise industry. Vasanthi Vara. *Ship-technology.com*. 12 February 2020. Available from: <https://www.ship-technology.com/features/coronavirus-outbreak-2019-ncov-impact-cruise-operators-measures-tourism/> Large number of people in confined spaces on cruise ships make onboard tourists prone to infectious diseases such as the coronavirus. In 2019 alone, the US Centers for Disease Control and Prevention (CDC) reported ten outbreaks on cruise ships.

Japan cruise ship coronavirus cases climb to 175, including quarantine officer. Ju-min Park and Elaine Lies. *Reuters*. 12 February 2020. Available from: <https://reut.rs/3aCEUkb> Another 39 people have tested positive for the coronavirus on the *Diamond Princess* cruise ship quarantined in Japan, with one quarantine officer also infected, bringing the total to 175, the health ministry said on Wednesday.

39 and one inspector infected on *Diamond Princess*. *NHK World (Japan)*. 12 February 2020. Available from: https://www3.nhk.or.jp/nhkworld/en/news/20200212_24/ Japan' health minister Katsunobu Kato says 39 more people on board a cruise ship at the port of Yokohama have been found to be infected with the new coronavirus.

Q&A: How virus is impacting Asia's cruises and passengers. Dee-ann Durbin and David Koenig. *Stamford Advocate (US)*. 12 February 2020. Available from: <https://www.stamfordadvocate.com/news/article/Q-A-How-coronavirus-is-impacting-cruises-and-15048025.php> A new viral outbreak is wreaking havoc on cruises in Asia, where some passengers are stranded aboard ships and others can't leave China.

Caribbean cruise ship turns back after 300 get vomiting bug. *Sky News*. 13 February 2020. Available from: <https://news.sky.com/story/caribbean-cruise-ship-turns-back-after-300-get-vomiting-bug-11931139> A Caribbean cruise has been cut short after more than 300 people on board the ship began vomiting and suffering from diarrhoea.

High-risk passengers to be allowed to leave coronavirus-hit *Diamond Princess* cruise ship.

Satoshi Sugiyama. *Japan Times*. 13 February 2020. Available from:

<https://www.japantimes.co.jp/news/2020/02/13/national/japanese-government-weighs-¥500-billion-emergency-spending-package-cope-covid-19-outbreak/>

In a significant policy turnaround, the health ministry announced Thursday that those age 80 or older will be able to disembark the *Diamond Princess* if they test negative for COVID-19.

Giant ships, big diseases. Michael Grey. *Seatrade Maritime News*. 13 February 2020.

Available from: <https://www.seatrade-maritime.com/opinions-analysis/giant-ships-big-diseases>

One wonders, as the size and capacity of cruise ships mushroomed, and the various lines proudly unveiled their latest mammoth vessel, with all its outrageous attractions, whether anyone gave much thought to the prospect of the thousands of souls aboard contracting a seriously contagious disease such as the coronavirus.

The mental strain of working at sea. Linton Nightingale. *Lloyd's List*. 13 February 2020.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1130838/The-mental-strain-of-working-at-sea>

Research has revealed that more than a quarter of seafarers suffer from depression, while a survey showed 20% had either considered suicide or attempted suicide.

Commentary: Stranded cruise could be helped if Japan had hospital ships. Akimoto Daisuke.

Channel News Asia. 14 February 2020. Available from:

<https://www.channelnewsasia.com/news/commentary/coronavirus-covid-19-cruise-ship-stranded-how-many--12430508>

A curious anomaly in Japan is that official hospital ships have not been built or used since the end of the World War II.

NIH Official: *Diamond Princess* Quarantine "Failed". *Maritime Executive*. 17 February 2020.

Available from: <https://www.maritime-executive.com/article/nih-official-diamond-princess-quarantine-failed>

Japan's health ministry confirmed Monday that 99 more people have tested positive for infection with coronavirus aboard the cruise ship *Diamond Princess*, bringing the total to 454 out of 1,700 people tested.

More passengers to leave cruise ship in Cambodia after coronavirus tests. Chhorn Chansy.

Reuters. 18 February 2020. Available from: <https://reut.rs/32POyNF>

More passengers from a cruise ship that docked in Cambodia last week after being turned away at five other ports will fly home on Tuesday, following tests for the new coronavirus, the country's prime minister said.

Passengers disembarking cruise ship. *NHK World (Japan Broadcasting Corporation)*.

19 February 2020. Available from: https://www3.nhk.or.jp/nhkworld/en/news/20200219_46/

Another 79 people on a quarantined cruise ship docked in Yokohama, near Tokyo, have tested positive for the coronavirus.

An expert booted off the *Diamond Princess* says Japan's coronavirus control is "completely chaotic". Mary Hui. *Quartz*. 19 February 2020. Available from: <https://qz.com/1804615/japanese-expert-on-chaotic-coronavirus-infection-control-on-diamond-princess/>

Kentaro Iwata, an infectious diseases expert at Kobe University, was brought onto the *Diamond Princess* yesterday, a day before the Japanese government began allowing passengers to disembark from the quarantined cruise ship.

Long read: The maritime world's COVID-19 response. Martina Li. *Safety at Sea*.

21 February 2020. Available from: <https://safetyatsea.net/news/2020/long-read-the-maritime-worlds-covid-19-response/>

Maritime stakeholders have reacted with varying intensities as the rate of infections and deaths from the coronavirus (COVID-19) outbreak surpasses that of SARS.

US pilots call for safer boarding and end of trapdoors. Paul Gunton. *ShipInsight*.

21 February 2020. Available from: <https://shipinsight.com/articles/us-pilots-call-for-safer-boarding-and-end-of-trapdoors> Following the death of a one of its members, the American Pilots' Association has asked pilotage authorities in the US by way of an open letter to requires safer boarding arrangements.

Floating Petri dishes? Coronavirus puts cruise industry in the dock. *Channel News Asia*.

23 February 2020. Available from: <https://bit.ly/2TGq7xl> Deadly viruses, chickenpox outbreaks and mass cases of the runs: Sometimes luxury cruise ship holidays are not the trips of a lifetime elderly passengers had hoped for.

International Chamber of Shipping (ICS) meet with World Health Organization (WHO) to discuss impact of COVID-19. *International Chamber of Shipping (ICS)*. 26 February 2020.

Available from: <https://bit.ly/32O5Evb> International Chamber of Shipping (ICS) Secretary General, Guy Platten, will lead a delegation of industry leaders to meet with the World Health Organization (WHO) in Geneva.

Maersk employees sent home after travels to northern Italy and South Korea. Ritzau Finans. *ShippingWatch*. 26 February 2020. Available from:

<https://shippingwatch.com/secure/carriers/Container/article11968327.ece> A.P. Moeller-Maersk on Wednesday implemented a 14-day period of working from home for employees who have been to South Korean or parts of northern Italy.

A Joint Statement on Tourism and COVID-19 - UNWTO and WHO Call for Responsibility and Coordination. *World Health Organization (WHO)*. 27 February 2020. Available from:

<https://www.who.int/news-room/detail/27-02-2020-a-joint-statement-on-tourism-and-covid-19---unwto-and-who-call-for-responsibility-and-coordination> As the current outbreak of the Coronavirus Disease (COVID-19) continues to develop, the World Health Organization (WHO) and the World Tourism Organization (UNWTO) are committed to working together in guiding the travel and tourism sectors' response to COVID-19.

Cautious sails: Coronavirus (Covid-19) measures and impact on the cruise industry.

Vasanthi Vara. *Ship-technology.com*. 28 February 2020. Available from: <https://www.ship-technology.com/features/coronavirus-outbreak-2019-ncov-impact-cruise-operators-measures-tourism/> Large number of people in confined spaces on cruise ships make onboard tourists prone to infectious diseases such as the coronavirus.

IMO

“INTERCARGO applauds the IMO's intention to improve casualty investigation reporting”.

International Association of Dry Cargo Shipowners (INTERCARGO). 31 January 2020.

Available from: https://www.intercargo.org/wp-content/uploads/2020/01/INTERCARGO-MEDIA-RELEASE_31_01_2020.pdf Exactly one year ago, in our opening media release for 2019, INTERCARGO reminded that cargo liquefaction continued to be a major risk for dry bulk shipping.

A case of a maritime presence adrift. L.K. Panda and M. Kalyanaraman. *The Hindu (India)*.

5 February 2020. Available from: <https://www.thehindu.com/opinion/op-ed/a-case-of-a-maritime-presence-adrift/article30736915.ece> India's negligible presence and interventions in the International Maritime Organization is affecting its interests.

IMO 2020 Architect Edmund Hughes Quits IMO to Launch Consultancy. *Ship & Bunker*. 5 February 2020. Available from: <https://shipandbunker.com/news/world/558357-imo-2020-architect-edmund-hughes-quits-imo-to-launch-consultancy> Hughes has worked at the IMO since late 2010, and served as its head of air pollution and energy efficiency since June 2013.

Is IMO's GHG legislation stuck between two fundamentally conflicting principles?

Yasiru Ranaraja. *Seatrade Maritime News*. 6 February 2020. Available from: <https://bit.ly/38l0fNs> The IPCC special report Global Warming of 1.5c summarised that human activities have estimated caused 0.8 to 1.2 degrees c increase of global temperature and under current pathways most likely to reach 1.5 degrees c increase between 2030 to 2052.

Ghana calls for fair representation for Africa on IMO Council. *Ghana News Agency*.

10 February 2020. Available from: <https://ghananewsagency.org/economics/ghana-calls-for-fair-representation-for-africa-on-imo-council-163812> Ghana has called for fair representation for Africa on the International Maritime Organization (IMO) Council to enable the continent to play a major role in the maritime industry.

IMO advisors lack clear evidence ahead of much-anticipated scrubber verdict.

Katrine Grønvald Raun. *ShippingWatch*. 17 February 2020. Available from: <https://shippingwatch.com/secure/regulation/article11947245.ece> It could take years still to get final clarification about whether washwater from scrubbers pollute the marine environment or not, several sources tell ShippingWatch.

Environmental threats from ship scrubbers front and center during International Maritime Organization meeting. *Stand.earth*. 18 February 2020. Available from:

<https://www.stand.earth/latest/protect-arctic/clean-ship-fuel/environmental-threats-ship-scrubbers-front-and-center-during> Questions over the efficacy and cumulative marine impacts of ship scrubbers will be front and center during this week's International Maritime Organization's (IMO) Pollution Prevention & Response sub-committee (PPR7) meeting, which runs from Monday 17 until Friday 21 February.

New coalition demands Europe takes the lead over IMO on emissions. Sam Chambers.

Splash 247.com. 19 February 2020. Available from: <https://splash247.com/new-coalition-demands-europe-takes-the-lead-over-imo-on-emissions/> The International Maritime Organization (IMO) has failed to clean up shipping's carbon footprint so the European Union ought to take the lead, a new coalition of protestors have said at a noisy protest outside the European Parliament in Brussels today.

IMO 2020: No Large Speed Bump Thus Far. Ralph Grimmer. *Ship & Bunker*. 20 February 2020.

Available from: <https://shipandbunker.com/news/world/391062-imo-2020-no-large-speed-bump-thus-far> Over the past three years, Stillwater Associates has offered a series of articles on various aspects of IMO 2020.

The Lloyd's List Podcast: Why the EU won't wait for IMO on climate change. *Lloyd's List*.

21 February 2020. Available from: <https://lloydlist.maritimeintelligence.informa.com/LL1131130/The-Lloyds-List-Podcast-Why-the-EU-wont-wait-for-IMO-on-climate-change> We have a climate emergency, we can't wait for the IMO, claims Jutta Paulus, the European Parliament's maritime emissions rapporteur.

Arctic Heavy Fuel Oil Ban Inches Forward, but loopholes denounced as “outrageous”.

Clean Arctic Alliance. 21 February 2020. Available from:

<https://www.hfofreearctic.org/en/2020/02/21/arctic-heavy-fuel-oil-ban-inches-forward-but-loopholes-denounced-as-outrageous/> NGOs and Indigenous groups today cautiously acknowledged progress

by the International Maritime Organization (IMO) and its Member States in agreeing on a draft regulation on heavy fuel oil (HFO) use and carriage in the Arctic, but denounced the inclusion of loopholes in the text that mean the ban will not come into effect until 2029, leaving the Arctic exposed to the growing threat of HFO spills for close to another decade.

Ban on heavy fuel oil full of holes, environmental groups say. Bob Weber. *Canadian*

Broadcasting Corporation (CBC). 22 February 2020. Available from:

<https://www.cbc.ca/news/canada/north/hfo-ban-environmental-critics-1.5472737> The global body that regulates shipping is moving to eliminate a highly polluting fuel in the Arctic.

The IMO may sound boring, but its consequences are anything but Roger McKnight.

Truck News (Canada). 24 February 2020. Available from: [https://www.trucknews.com/blogs/the-](https://www.trucknews.com/blogs/the-imo-may-sound-boring-but-its-consequences-are-anything-but/)

[imo-may-sound-boring-but-its-consequences-are-anything-but/](https://www.trucknews.com/blogs/the-imo-may-sound-boring-but-its-consequences-are-anything-but/) You may be pleased to know that after today I will be taking a sabbatical from today's, “let's-get-em-excited” topic — the International Maritime Organization (IMO) 2020.

Environmental groups slam slow progress on Arctic HFO ban. Paul Gunton. *ShipInsight*.

24 February 2020. Available from: <https://shipinsight.com/articles/environmental-groups-slam-slow-progress-on-arctic-hfo-ban> NGOs and Indigenous groups have cautiously acknowledged progress

by IMO and its Member States in agreeing on a draft regulation on heavy fuel oil (HFO) use and carriage in the Arctic, but denounced the inclusion of loopholes in the text that mean the ban will not come into effect until 2029, leaving the Arctic exposed to the growing threat of HFO spills for close to another decade.

IMO criticises unnecessary ship delay amid coronavirus scare. Sulaimon Salau.

Guardian (Nigeria). 27 February 2020. Available from: <https://guardian.ng/business-services/imo-criticises-unnecessary-ship-delay-amid-coronavirus-scare/> 🇳🇮 The International Maritime

Organisation (IMO), has urged member states to undertake all possible measures to prevent unnecessary delay of ships amid the outbreak of the novel Corona virus.

LAW & POLICY

Climate change: UK sacks its UN conference president. David Shukman. *BBC News*.

1 February 2020. Available from: <https://www.bbc.co.uk/news/science-environment-51334031>

In a surprise move, the woman appointed to run the crucial UN climate summit in Glasgow in November has been sacked.

Ambitious bill aims to render shipping's CO2 targets mandatory. Mette Mandrup.

ShippingWatch. 4 February 2020. Available from:

<https://shippingwatch.com/secure/regulation/article11918553.ece> Jutta Paulus, the EU Parliament's spokesperson for a new CO2 bill, wants it written into law that the shipping sector must reduce its greenhouse gases 40 percent by 2030 – that is, measured in comparison to 2018, whereas the IMO compares to 2008.

European Commission and European Investment Fund launch €75 million BlueInvest Fund.

European Commission. 4 February 2020. Available from:

https://ec.europa.eu/commission/presscorner/detail/en/ip_20_167 The European Commission is partnering with the European Investment Fund, part of the European Investment Bank Group to launch the BlueInvest Fund today.

Co-existing in marine space. Dale Rodmell. *UK Government*. 4 February 2020. Available from:

<https://marinedevelopments.blog.gov.uk/2020/02/04/co-existing-in-marine-space/> For the fishing industry, the development of large-scale projects (such as offshore windfarms) in the marine area can mean displacement from customary fishing grounds and knock-on effects elsewhere.

RF Ministry of Industry and Trade starts drafting legislation amendments for autonomous navigation. *Port News*. 4 February 2020. Available from:

<http://en.portnews.ru/news/290923/> Russia's Ministry of Industry and Trade says the work has begun on development of amendments into the Merchant Shipping Code and certain legislative acts of the Russian Federation in the part of legal relationship arising from using autonomous ships.

Kenya bets on research to unlock maritime potential. Winnie Atieno. *Business Daily (Kenya)*.

5 February 2020. Available from: <https://www.businessdailyafrica.com/corporate/shipping/Kenya-bets-on-research-to-unlock-maritime-potential/4003122-5443972-k6s3ge/index.html> Africa and the adjacent island States have been urged to harness ocean science and research to optimally utilise the huge untapped potential of the blue economy.

Will ships be affected by zero-emission vehicle rules? Malcolm Latache. *ShipInsight*.

5 February 2020. Available from: <https://shipinsight.com/articles/will-ships-be-affected-by-zero-emission-vehicle-rules> Shipping has just begun a new journey in fuel choices with the introduction of the global sulphur cap and is facing further changes with the IMO's ambition to decarbonise shipping.

Shore-to-ship power project could be first step towards controlling emissions in

Mediterranean, BirdLife Malta says. Laura Calleja. *Malta Today*. 5 February 2020. Available from:

https://www.maltatoday.com.mt/news/national/100203/shoretoship_power_project_could_be_first_step_towards_controlling_emission_in_mediterranean_birdlife_malta_says BirdLife Malta welcomes shore-to-ship power project proposed by the government, says this is a first step towards a Mediterranean Emission Control Area.

The maritime industry development plan. Ambassador Carlos Salinas. *Manila Times*.

5 February 2020. Available from: <https://www.manilatimes.net/2020/02/05/business/maritime-business/the-maritime-industry-development-plan/679659/> As Engineer Emmanuel Baybayan Carpio, Marina's director for policy and planning service, remarked in his Preface to the Plan, the MIDP 2019-2028 is a milestone since, "It is the first time that this kind of a comprehensive plan was crafted to provide the direction to the Philippine maritime industry in charting its path to global competitiveness and sustainable growth."

Nigeria Vessels Set To Return To Int'l Route – NIMASA. Yusuf Babalola. *Leadership (Nigeria)*.

6 February 2020. Available from: <https://leadership.ng/2020/02/06/nigeria-vessels-set-to-return-to-intl-route-nimasa/> The director-general of the Nigerian Maritime Administration and Safety Agency (NIMASA), Dr. Dakuku Peterside, yesterday said that Nigeria is ready to flag vessels that will ply international routes and move cargoes around the world.

Legislation makes Seychelles Maritime Safety Administration the authority for regulating and managing maritime affairs. Betymie Bonnelame. *Seychelles News Agency*. 7 February 2020. Available from:

<http://www.seychellesnewsagency.com/articles/12391/Legislation+makes+Seychelles+Maritime+Safety+Administration+the+authority+for+regulating+and+managing+maritime+affairs> The Seychelles Maritime Safety Administration on Friday became an independent and autonomous authority, giving Seychelles one government body in charge of regulating, managing and administering maritime affairs and safety.

Yang Ming ship arrested for pollution debt. *Australian Maritime Safety Authority (AMSA)*. 9 February 2020. Available from: <https://www.amsa.gov.au/news-community/news-and-media-releases/yang-ming-ship-arrested-pollution-debt> The sister ship of the *YM Efficiency*, which lost 81 shipping containers off the coast of Newcastle and Port Stephens in June 2018, has been arrested in Sydney today for a pollution debt that could reach as high as AUD \$20 million.

Deep sea mining and future generations. *The Ecologist*. 10 February 2020. Available from: <https://theecologist.org/2020/feb/10/deep-sea-mining-and-future-generations> The Goa Foundation (GF) and The Future We Need (TFWN) have jointly launched a global campaign demanding the implementation of the intergenerational equity principle in deep sea mining in waters beyond national jurisdictions.

Marshall Islands, Suriname, Norway upgrade climate plans before Cop26. Alister Doyle. *Climate Home News*. 10 February 2020. Available from: <https://www.climatechangenews.com/2020/02/10/which-countries-updated-ndc-2020-marshall-islands-suriname-norway-cop26/> The Marshall Islands, Suriname and Norway have submitted plans for tougher action to tackle climate change before a five-year milestone of the Paris Agreement in 2020, with almost 200 others ignoring an informal 9 February deadline.

Tank Vessel Operator Convicted of Unlawful Discharge of Bilge Waste, Agrees to Pay \$1.75 Million Fine. *US Department of Justice*. 10 February 2020. Available from: <https://www.justice.gov/opa/pr/tank-vessel-operator-convicted-unlawful-discharge-bilge-waste-agrees-pay-175-million-fine> Bernhard Schulte Shipmanagement (Singapore) PTE LTD. (Bernhard), a vessel operating company, pleaded guilty today in federal court to one count of maintaining false and incomplete records relating to the discharge of bilge waste from the tank vessel *Topaz Express*, a felony violation of the Act to Prevent Pollution from Ships.

Jamaica effectively addressing disposal of ship-generated waste. *The Gleaner (Jamaica)*. 11 February 2020. Available from: <http://jamaica-gleaner.com/article/shipping/20200211/jamaica-effectively-addressing-disposal-ship-generated-waste> Jamaica, through the Maritime Authority of Jamaica (MAJ), is actively seeking to implement legislation to incorporate the provisions of MARPOL.

Draft US law to make plastic industry responsible for recycling. *France 24*. 11 February 2020. Available from: <https://www.france24.com/en/20200211-draft-us-law-to-make-plastic-industry-responsible-for-recycling> The growing global crisis of plastics waste is often framed as a problem stemming from careless consumers, but a new bill introduced in the US Congress Tuesday seeks to shift the responsibility back to industry.

Carnival Corporation: Policy change after dumping violations. Sloan Smith. *Eyewitness News (The Bahamas)*. 12 February 2020. Available from: <https://ewnews.com/carnival-corporation-policy-change-after-dumping-violations> As it continues to receive backlash over past and recent environmental violations, including discharging blackwater in Bahamian seas, Carnival Corporation officials have assured that numerous policy changes have been implemented to ensure that those violations are not repeated.

BP's statement on reaching net zero by 2050 – what it says and what it means. Jonathan Watts. *The Guardian*. 12 February 2020. Available from: <https://bit.ly/2TtggMX> BP's new chief executive, Bernard Looney, has announced plans to make it a net zero company by 2050, and outlined its strategy in a document.

BP sets ambition for net zero by 2050, fundamentally changing organisation to deliver. *BP*. 12 February 2020. Available from: <https://www.bp.com/en/global/corporate/news-and-insights/press-releases/bernard-looney-announces-new-ambition-for-bp.html> BP today set a new ambition to become a net zero company by 2050 or sooner, and to help the world get to net zero.

EU starts to chart shipping's new green course. Sam Morgan. *EurActiv*. 13 February 2020. Available from: <https://www.euractiv.com/section/shipping/news/eu-starts-to-chart-shippings-new-green-course/> The shipping industry will soon have to pay for its environmental impact in the EU, as both the European Commission and Parliament are moving forward with plans to include vessels in the bloc's flagship carbon market.

UK maritime minister Ghani ousted in cabinet reshuffle. Holly Birkett. *TradeWinds*. 13 February 2020. Available from: <https://www.tradewindsnews.com/ports/uk-maritime-minister-ghani-ousted-in-cabinet-reshuffle/2-1-755678> Ghani, who has been in the post since January 2018, tweeted that it had been a "huge privilege" to have been in the role and said much had been achieved in the past two years.

Canada plans to support ban on heavy fuel oil in Arctic shipping. Levon Sevunts. *Radio Canada International (RCI)*. 13 February 2020. Available from: <https://www.rcinet.ca/en/2020/02/13/canada-plans-to-support-ban-on-heavy-fuel-oil-in-arctic-shipping/> Canada will support a ban on the use of heavy fuel oil by ships plying Arctic waters at the upcoming meeting of the International Maritime Organization (IMO) in London, Transport Canada officials announced during a teleconference call Wednesday, according to people who participated in the call.

Parties to the Bamako Convention reaffirm their commitment to protect Africa from hazardous waste dumping. *United Nations Environment Programme (UNEP)*. 14 February 2020. Available from: <https://www.unenvironment.org/news-and-stories/press-release/parties-bamako-convention-reaffirm-their-commitment-protect-africa> The third Conference of the Parties (COP 3) to the Bamako Convention today adopted a set of decisions reaffirming the Parties' commitment to strengthen the Convention in order to prevent African countries from receiving unwanted hazardous waste in their territories as well as promoting sound management of chemicals and waste produced within the continent.

Australia Releases Yang Ming Containership from Detention. *World Maritime News*. 17 February 2020. Available from: <https://worldmaritimenews.com/archives/291046/australia-releases-yang-ming-containership-from-detention/> On February 9, 2020, the Panamax boxship was arrested by the Australian Federal Court Admiralty Marshall at Port Botany, Sydney, after the Australian Maritime Safety Authority (AMSA) petitioned the court to recover the pollution debt of up to AUD 20 million (USD 13.4 million).

Ireland revokes licence of livestock ship operator over low performance rating.

Sophie Kevany. *The Guardian*. 17 February 2020. Available from:

<https://www.theguardian.com/environment/2020/feb/17/ireland-revokes-license-of-livestock-ship-operator-over-low-performance-rating> The Irish government revoked approvals for the operator of two regular livestock carriers, the *Atlantic M* and the *Express 1*, last week, following questions from the Guardian and Irish farm animal welfare organisation Ethical Farming Ireland (EFI).

Ex-Coast Guard chief, officials indicted in Sewol ferry disaster probe. *Yonhap News*

Agency (South Korea). 18 February 2020. Available from:

<https://en.yna.co.kr/view/AEN20200218005400315> The former Korea Coast Guard chief and other senior officials were indicted Tuesday for their alleged mishandling of one of the country's worst maritime disasters, in which more than 300 people died.

Kelly Tolhurst appointed UK shipping minister but new aviation remit raises eyebrows.

Holly Birkett. *TradeWinds*. 19 February 2020. Available from:

<https://www.tradewindsnews.com/regulation/kelly-tolhurst-appointed-uk-shipping-minister-but-new-aviation-remit-raises-eyebrows/2-1-758963> Kelly Tolhurst MP has been appointed as the UK's new shipping minister, replacing Nusrat Ghani, who lost the role in a cabinet reshuffle last week.

EU chiefs warned that green rules hinge on global co-operation. Anastassios Adamopoulos.

Lloyd's List. 19 February 2020. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1131081/EU-chiefs-warned-that-green-rules-hinge-on-global-cooperation> The European Commission's Green Deal plans to impose a carbon-neutral set of rules across the Continent by 2050.

India arrests tankers over Iran smuggling allegations. Bob Rust. *TradeWinds*. 19 February 2020.

Available from: <https://www.tradewindsnews.com/tankers/india-arrests-tankers-over-iran-smuggling-allegations/2-1-759325> Indian fiscal authorities have seized at least three small tankers over allegations of illegally importing Iranian crude oil.

Coronavirus may spark huge damages claims, warn lawyers. Jonathan Boonzaier. *TradeWinds*.

20 February 2020. Available from: <https://www.tradewindsnews.com/law/coronavirus-may-spark-huge-damages-claims-warn-lawyers/2-1-757956> Legal experts warned this week that shipping faces "substantial" financial costs in the wake of the coronavirus outbreak, as counterparties seek to extricate themselves from their contractual liabilities by declaring force majeure.

The Bahamas focuses on quality, partnership, sustainability and how the human element will fit with technology in 2020. *Bahamas Maritime Authority (BMA)*. 20 February 2020. Available from:

<https://bit.ly/3asniat> The Bahamas Maritime Authority (BMA) has outlined its goals for the next 12 months, with quality growth, partnership, sustainability and the effective use of technology sitting at the top of its agenda.


German official pitches for EU Maritime Co-ordinator to raise sector's profile.

Anastassios Adamopoulos. *Lloyd's List*. 20 February 2020. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1131110/German-official-pitches-for-EU-Maritime-Coordinator-to-raise-sectors-profile> In a week meant to promote European shipping and its significance, Germany's maritime coordinator claimed that the maritime sector has "no voice or face in Europe" and called for a maritime coordinator within the EU.

International legally binding instrument under the United Nations Convention on the Law of the Sea on the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction. *International Union for Conservation of Nature (IUCN).*

20 February 2020. Available from:

http://www.iucn.org/sites/dev/files/iucn_comments_on_revised_bbnj_draft_text_of_nov_2019_feb_20_20.pdf  Aware that the conservation of marine biodiversity is a common concern and the shared responsibility of all States and that States have the obligation to protect and preserve the marine environment in ABNJ and to assist other States to do the same.

Norway rejects Moscow's claim it violated Svalbard Treaty. Nerijus Adomaitis. *Reuters.*

21 February 2020. Available from: <https://uk.reuters.com/article/uk-russia-norway-svalbard/norway-rejects-moscows-claim-it-violated-svalbard-treaty-idUKKBN20F1TJ> Norway has rejected Russian accusations of violating the terms of an international treaty regulating activities on the Arctic archipelago of Svalbard, as a diplomatic spat over Russian operations there escalated.

"Liberia, the flag is not enough. A maritime nation is needed" / INTERVIEW. Alberto Quarati. *MediTelegraph (Italy).* 24 February 2020. Available from:

<https://www.themeditelegraph.com/en/markets/regulation/2020/02/24/news/liberia-the-flag-is-not-enough-a-maritime-nation-is-needed-interview-1.38512035> Only people from the shipping industry recognize him at first sight: the young manager sitting at the table in the corner of the Genoese restaurant is the president of an almost legendary institution.

Women in maritime: Leading the way in maritime law. *DCN - Daily Cargo News (Australia).*


25 February 2020. Available from: <https://www.thedcn.com.au/women-in-maritime-leading-the-way-in-maritime-law/> How did you get into maritime law? By accident. I expected to go into criminal law and started work as an articled clerk at a London law firm that had a reputation for dealing with difficult criminal law and civil rights cases.

Scientists call on government to increase UK's ambition to save our ocean. Alan Williams.

University of Plymouth (UK). 25 February 2020. Available from:

<https://www.plymouth.ac.uk/news/scientists-call-on-government-to-increase-uks-ambition-to-save-our-ocean> In the last decade there has been rapid expansion in the area of ocean designated as a Marine Protected Area (MPA).

Failure is not an option. Brenda V. Pimentel. *Manila Times.* 26 February 2020.

Available from: <https://www.manilatimes.net/2020/02/26/business/maritime-business/failure-is-not-an-option/696175/>  This is a catch phrase which individuals, organizations, government, industry and the public embrace in their respective endeavours.

Pacific Islands Forum meet to plan ahead for last round of high seas treaty negotiations.

Pacific Islands News Association (PINA). 26 February 2020. Available from:

<http://www.pina.com.fj/index.php?p=pacnews&m=read&o=2977866345e571ffae49ee067ab351> The regional preparatory meeting for the fourth session of the Intergovernmental Conference on Marine Biodiversity of Areas Beyond National Jurisdiction (BBNJ) opened Wednesday at the headquarters of the Pacific Islands Forum in Suva, Fiji.

Singaporean Shipping Company Convicted for Concealing Illegal Discharges of Oily Water.

US Department of Justice. 26 February 2020. Available from:

<https://www.justice.gov/opa/pr/singaporean-shipping-company-convicted-concealing-illegal-discharges-oily-water> Unix Line PTE Ltd., a Singapore-based shipping company, pleaded guilty in federal court today to a violation of the Act to Prevent Pollution from Ships.

Polaris boss sentenced over VLOC *Stellar Daisy's* defects. Irene Ang and Gary Dixon.

TradeWinds. 26 February 2020. Available from: <https://www.tradewindsnews.com/bulkers/polaris-boss-sentenced-over-vloc-stellar-daisys-defects/2-1-760927> Polaris Shipping's chief executive Kim Wan-Jung has been sentenced over the fatal sinking of the VLOC *Stellar Daisy* in 2017.

UK Government works with Southern Africa to support the development of a safe, secure and thriving marine economy. *UK Hydrographic Office*. 27 February 2020. Available from:

<https://www.gov.uk/government/news/uk-government-works-with-southern-africa-to-support-the-development-of-a-safe-secure-and-thriving-marine-economy> The Foreign & Commonwealth Office (FCO) and UK Hydrographic Office (UKHO) are working with the Southern Africa and Islands Hydrographic Commission to establish regulations and legislation that promote the growth of the region's ocean economy.

MARINE TECHNOLOGY

Project examines lasers as replacement for hull coatings. Malcolm Latarche. *ShipInsight*.

4 February 2020. Available from: <https://shipinsight.com/articles/project-examines-lasers-as-replacement-for-hull-coatings> The scientists behind the three-year European laser project MultiFlex expect the specially-designed structures on steel ship hulls helping to reduce fuel consumption and replace toxic ship paints and varnishes that are harmful to the environment.

Navigating a world of challenging fuel. *The Motorship*. 10 February 2020. Available from:

<https://www.motorship.com/news101/fuels-and-oils/navigating-a-world-of-changing-fuels> The Motorship is celebrating its centenary in 2020, and is marking the occasion with a series of interviews with landmark companies that have grown and thrived during previous periods of rapid technological change.

Wärtsilä & DNV GL agree to collaborate in promoting and accelerating marine sector's digital transformation. *Wärtsilä Corporation*. 10 February 2020. Available from:

<https://www.wartsila.com/media/news/10-02-2020-wartsila-dnv-gl-agree-to-collaborate-in-promoting-and-accelerating-marine-sector-s-digital-transformation-2637039> The technology group Wärtsilä and classification society DNV GL have signed a Memorandum of Understanding (MoU) in which they agree to work together to contribute to the marine industry's ongoing digital transformation.

Q&A: Will cloud technology revolutionise ship management? Varsha Saraogi.

Ship-technology.com. 10 February 2020. Available from: <https://www.ship-technology.com/features/cloud-technology-shipping/> The impact of technology on the shipping industry will grow in the coming years as companies increasingly introduce cloud-based software and apps in their businesses, says cloud software provider Hanseaticsoft's managing director Alexander Buchmann.

Use of Scrubbers Increasing under IMO 2020. Jung Min-hee. *Business Korea (South Korea)*.

10 February 2020. Available from: <http://www.businesskorea.co.kr/news/articleView.html?idxno=41053> The International Maritime Organization has implemented IMO 2020 since last month so that the maximum ship fuel sulfur content is limited to 0.5 percent instead of 3.5 percent.

Automatic ferry enters regular service following world-first crossing with passengers onboard. *Kongsberg*. 13 February 2020. Available from: <https://www.kongsberg.com/maritime/about-us/news-and-media/news-archive/2020/first-adaptive-transit-on-bastofosen-vi/> Kongsberg Maritime are proud to announce the world's first adaptive ferry transit conducted during normal service.

Proactive measures needed to improve hull performance. Malcolm Latache. *ShipInsight*. 14 February 2020. Available from: <https://shipinsight.com/articles/proactive-measures-needed-to-improve-hull-performance> While owners have long recognised the link between clean hulls and lower fuel costs, lack of reliable data has slowed investments in optimising hull performance.

Cruise Lines Face New Skepticism on Pollution-Cutting Technology. Rosie Spinks. *Skift Corporate*. 18 February 2020. Available from: <https://skift.com/2020/02/18/cruise-lines-face-new-skepticism-on-pollution-cutting-technology/> A new internal report from the International Maritime Organization has cast further doubt over the environmental safety of using exhaust gas cleaning systems — more commonly referred to as “scrubbers” — to reduce air pollution on cruise ships.

Autonomous Shipping: Trends And Innovators In A Growing Industry. *Hellenic Shipping News*. 25 February 2020. Available from: <https://www.hellenicshippingnews.com/autonomous-shipping-trends-and-innovators-in-a-growing-industry/> The emergence of advanced technologies such as Artificial Intelligence (AI), machine learning, cloud computing, big data, and augmented reality have brought the idea of autonomous vehicles to reality.

MARITIME EDUCATION & TRAINING

93 Mediterranean maritime academy graduates find their sea legs. *Financial Mirror (Cyprus)*. 31 January 2020. Available from: <https://www.financialmirror.com/2020/01/31/93-cyprus-maritime-academy-graduates-find-their-sea-legs/> The first 93 graduates from the Mediterranean Maritime Academy are already placed on ships or on their way to joining the merchant navy, with the Limassol-based school preparing a further 304 cadets ready to sail to new careers.

Grooming the next generation of women maritime leaders. *Maritime Gateway*. February 2020. Available from: <http://www.maritimegateway.com/grooming-next-generation-women-maritime-leaders/> Women currently make up just 2 per cent of the global maritime workforce (according to figures from the International Transport Workers' Federation), so it's fair to say there is room for improvement.

Marine pollution control Indian ship joins UAE Coast Guard for training. Dhanusha Gokulan. *Khaleej Times (United Arab Emirates)*. 3 February 2020. Available from: <https://www.khaleejtimes.com/uae/dubai/marine-pollution-control-indian-ship-joins-uae-coast-guard-for-training> A special marine pollution control Indian Coast Guard Ship (ICGS), Samudra Paheredar, has arrived in the UAE on a good-will visit and to undertake joint exercises with the UAE Coast Guard.

Transforming Maritime Academy. Eromosele Abiodun. *This Day (Nigeria)*. 7 February 2020. Available from: <https://www.thisdaylive.com/index.php/2020/02/07/transforming-maritime-academy/> The Nigerian maritime education and training system was established to provide training for all levels of manpower for the maritime sector of the Nigerian economy.

Strengthening the Participation of Women and Girls in Ocean Science to Achieve the SDGs.

Michael Lodge. *International Institute for Sustainable Development (IISD)*. 10 February 2020.

Available from: <http://sdg.iisd.org/commentary/guest-articles/strengthening-the-participation-of-women-and-girls-in-ocean-science-to-achieve-the-sdgs/> As we celebrate the International Day of Women and Girls in Science on 11 February 2020, we are reminded of the need to renew our commitments to improve access for women from developing States to education and training, and ensure their increased participation in the field of ocean science, particularly in deep-sea scientific research.

MAN: Fresh race to university status begins. *The Nation (Nigeria)*. 11 February 2020.

Available from: <https://thenationonline.net/man-fresh-race-to-university-status-begins/> After previous inclusive attempts, the Senate is pushing to upgrade the Maritime Academy of Nigeria, Oron (MAN) in Akwa Ibom State to a university.

German Maritime Cluster and World Maritime University move their relationship to new level.

Port News. 11 February 2020. Available from: <http://en.portnews.ru/news/291290/> The World Maritime University says it is embedded in a strong network of partners and donors who contribute to fulfilling the University's global mandate for education, research and capacity building in maritime and oceanic areas.

Ram Nath Kovind: future training of marine engineers must be tailored to evolving technologies.

Shoumojit Banerjee. *The Hindu (India)*. 13 February 2020. Available from: <https://www.thehindu.com/news/national/ram-nath-kovind-future-training-of-marine-engineers-must-be-tailored-to-evolving-technologies/article30808570.ece> He awarded the President's Colour to INS Shivaji, the country's premier naval training institute, at a ceremonial parade in Lonavala.

Fake certificate scam: DG Shipping revokes approval for Puducherry-based Marine Officers' Training Academy.

P Manoj. *Hindu BusinessLine (India)*. 14 February 2020. Available from: <https://bit.ly/2x4guBm> The Director General of Shipping (DG Shipping) has de-recognised and permanently revoked the approval granted to the Puducherry-based Marine Officers' Training Academy (MOTA), for flouting training rules, including issuing fake certificates to candidates without conducting classes and imparting training.

28 trainees attending course to combat maritime threats. *Saudi Gazette*. 15 February 2020.

Available from: <http://saudigazette.com.sa/article/588998> Twenty-nine trainees from 20 member countries and one from Bahrain are attending a regional training course to combat maritime threats and enhance maritime security.

No official report on closure of over 60 maritime schools: MARINA. Raymond Carl Dela Cruz.

Government of the Philippines. 21 February 2020. Available from:

<https://www.pna.gov.ph/articles/1094517> The Maritime Industry Authority (MARINA) on Friday said recent reports indicating the possible closure of two-thirds of the country's maritime schools are not based on their official data.

Philippines seafaring industry undergoing key EMSA audit for STCW. Marcus Hand.

Seatrade Maritime News. 26 February 2020. Available from: <https://www.seatrade-maritime.com/ship-operations/philippines-seafaring-industry-undergoing-key-emsa-audit-stcw> The Philippines has started to undergo a key audit by the European Maritime Safety Agency (EMSA) to finally determine whether the country's standards of seafarer training meet those of the STCW code.

On global performance standards. Ambassador Carlos Salinas. *Manila Times*. 26 February 2020. Available from: <https://www.manilatimes.net/2020/02/26/business/maritime-business/on-global-performance-standards/696176/> As a leading resource of global maritime professionals, the Philippines has a primary responsibility to ensure that the level of competency of our seafarers continues to exceed the benchmark standards established by the international maritime industry.

Investing in the next generation of seafarers. Richard Clayton. *Lloyd's List*. 26 February 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1131211/Investing-in-the-next-generation-of-seafarers> With the rise of digital technology and training in cutting-edge skills, a career in maritime should prove more appealing to young candidates.

MARITIME SAFETY

Vessel Safety: US House Subcommittee Seeks Faster Implementation. Tom Ewing. *MarineLink*. 4 February 2020. Available from: <https://www.marinelink.com/news/vessel-safety-us-house-subcommittee-seeks-475304> In November the U.S. House of Representatives' Transportation & Infrastructure Committee, Coast Guard and Maritime Transportation Subcommittee held a hearing on "Commercial and Passenger Vessel Safety: Challenges and Opportunities."

Iran calls for review of tanker safety after Sanchi report. Nidaa Bakhsh. *Lloyd's List*. 4 February 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1130875/Iran-calls-for-review-of-tanker-safety-after-Sanchi-report> Iran is asking International Maritime Organization member states to review and update tanker safety following a study conducted by the University of Tehran into the conditions aboard *Sanchi* after it collided with a bulker two years ago.

New global maritime safety rules kick in. Samuel Baya. *Business Daily (Kenya)*. 12 February 2020. Available from: <https://www.businessdailyafrica.com/corporate/shipping/New-global-maritime-safety-rules-kick-in/4003122-5451960-Irgsq8/index.html> The International Maritime Organization (IMO) has come up with a new set of amendments to the International Convention for the Safety of Life at Sea (SOLAS) and various codes mandatory under the convention.

Insurers tackle box ship fires with new proposal to IMO. Rebecca Moore. *Container Shipping & Trade*. 12 February 2020. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/insurers-tackle-box-ship-fires-with-new-proposal-to-imonbsp-57967> An IUMI press conference this week examined the issues around container ship fires and revealed that on 10 February, it submitted a paper to IMO's maritime safety committee with co-sponsors German flag state, Bahamas, BIMCO and Community of European Shipyards' Associations.

Mis-declared cargo at the heart of container fires, says IUMI. Paul Gunton. *ShipInsight*. 17 February 2020. Available from: <https://shipinsight.com/articles/mis-declared-cargo-at-the-heart-of-container-fires-says-iumi> Last week's winter meeting of senior members of the International Union of Marine Insurers (IUMI) took place at a significant moment: less than two weeks after Germany's Federal Bureau of Maritime Casualty Investigation (BSU) had published its report into the cargo fire in January 2019 on board Hapag Lloyd's 7,510TEU *Yantian Express*.

MARITIME SECURITY

France kickstarts European mission in the Strait of Hormuz. *EurActiv*. 31 January 2020.

Available from: <https://www.euractiv.com/section/defence-and-security/news/france-kickstarts-european-mission-in-the-strait-of-hormuz/> France announced on Thursday (30 January) the beginning of the European Maritime Awareness mission in the Strait of Hormuz (EMASoH), intended to ensure the freedom of navigation in the Gulf while promoting a de-escalation approach with Iran.

Japanese destroyer leaves for Middle East intel-gathering mission. *Japan Times*.

2 February 2020. Available from: <https://www.japantimes.co.jp/news/2020/02/02/national/japan-destroyer-middle-east-mission-iran-msdf/> A Japanese destroyer left its base in Kanagawa Prefecture for the Middle East on Sunday to join the Maritime Self-Defense Force's first long-term intelligence-gathering mission abroad.

Maritime coalition to protect ships in the Gulf from Iran may 'be needed for years'. Deborah

Haynes. *Sky News*. 2 February 2020. Available from: <https://news.sky.com/story/maritime-coalition-to-protect-ships-in-the-gulf-from-iran-may-be-needed-for-years-11924145> A UK-led maritime coalition was set up to protect the important transit routes used by commercial ships in the Strait of Hormuz.

Iran, regional countries responsible for maritime security in region. *MEHR News Agency (Iran)*.

3 February 2020. Available from: <https://en.mehrnews.com/news/155246/Iran-regional-countries-responsible-for-maritime-security-in> In reaction to the departure of Japanese destroyer to the Persian Gulf, Iranian Embassy in Japan said that the maritime security should be provided by the countries of the region and the Islamic Republic of Iran.

KR signs MoU with Hyundai LNG Shipping for joint research on ship cyber security.

Korean Register (KR). 3 February 2020. Available from:

http://www.krs.co.kr/sub/eng_board_read.aspx?no=11495&s_code=0502070000&b_code=006037000 The Korean Register (KR, Chairman & CEO, Jeong-kie Lee) and Hyundai LNG Shipping (HLS, President & CEO, Kyu-bong Lee) signed a memorandum of understanding (MOU) on 2 December, agreeing to conduct joint research on the application, verification and development of Guidance for maritime cyber security systems.

Pen Testing Ships. A year in review. Nigel Hearne. *Pen Test Partners LLP*. 4 February 2020.

Available from: <https://www.pentestpartners.com/security-blog/pen-testing-ships-a-year-in-review/> Partially driven by the upcoming inclusion of Cyber Security by the IMO (International Maritime Organisation), 2019 was a really busy year for maritime security testing at PTP.

Shipowners call for international mission in West Africa. *ShippingWatch*. 5 February 2020.

Available from: <https://shippingwatch.com/secure/regulation/article11921455.ece> Fears of pirate attacks in West Africa make association Danish Shipping call on the government to work to establish an international mission in the area.

Montrose meets up with flagship Queen Mary 2. *Royal Navy*. 5 February 2020. Available from:

<https://www.royalnavy.mod.uk/news-and-latest-activity/news/2020/february/05/200205-hms-montrose-and-queen-mary-2> On glassy waters in the Gulf, *HMS Montrose* puts on a burst of speed as she crosses the wake of the world's largest passenger liner and flagship of the Cunard line, *RMS Queen Mary 2*.

International Chamber of Shipping (ICS) expresses concern at increasing attacks on ships crews. *International Chamber of Shipping (ICS)*. 5 February 2020. Available from:

<https://bit.ly/3ajctaG> The number of ship's crewmembers being kidnapped in the Gulf of Guinea increased by more than 50% in 2019 and this year has begun with a further escalation of violence, armed robbery and kidnaping.

British High Commissioner opens new Multinational Maritime Coordination Center in Accra.

GhanaWeb. 6 February 2020. Available from:

<https://www.ghanaweb.com/GhanaHomePage/NewsArchive/British-High-Commissioner-opens-new-Multinational-Maritime-Coordination-Center-in-Accra-858529> The British High Commissioner His Excellency Iain Walker and the Deputy Minister of Defence, Derrick Oduro, in the presence of a number of Senior Ghanaian Military, will open the newly refurbished, with UK funding, ECOWAS Multinational Maritime Coordination Centre (MMCC) Zone F Operations and Training Rooms at the MMCC Zone F Headquarters, Christianborg Castle, Osu-Accra on 10 February 2020.

ECSCA raises the alarm about the Gulf of Guinea. *European Community Shipowners'*

Associations (ECSCA). 6 February 2020. Available from: <https://www.ecsa.eu/news/ecsa-raises-alarm-about-gulf-guinea> In 2019, there were 162 incidents of piracy and armed robbery against ships worldwide.

Violent stowaways discovered on Maersk Tankers vessel. Gary Dixon. *TradeWinds*.

10 February 2020. Available from: <https://www.tradewindsnews.com/tankers/violent-stowaways-discovered-on-maersk-tankers-vessel/2-1-752974> A Maersk Tankers ship has diverted into a Spanish port after three violent stowaways were found on board.

West Africa maritime security update. *Standard Club*. 10 February 2020. Available from:

<https://www.standard-club.com/risk-management/knowledge-centre/news-and-commentary/2020/02/article-west-africa-maritime-security-update.aspx> The club has identified a marked increase in incidents of piracy and armed robbery attacks off West Africa during 2019 and early 2020.

'More functional ways of cooperation' amid maritime security trials. *Phnom Penh*

Post (Cambodia). 13 February 2020. Available from:

<https://www.phnompenhpost.com/international/more-functional-ways-cooperation-amid-maritime-security-trials> The Philippine Navy on Tuesday called on regional navies to work together amid evolving maritime security challenges to ensure peace and stability.

MSCI Alert: 2020-003A-Southern Red Sea, Maritime Boundary between Saudi Arabia and Yemen-Mines in the Water. *US Maritime Administration (MARAD)*. 13 February 2020.

Available from: <https://www.maritime.dot.gov/content/2020-003a-southern-red-sea-maritime-boundary-between-saudi-arabia-and-yemen-mines-water> A maritime threat has been reported in coastal waters between Midi, Yemen and Jizan, Saudi Arabia.

Missiles landed "metres" from LPG carrier in Tripoli port attack. Gary Dixon. *TradeWinds*.

18 February 2020. Available from: <https://www.tradewindsnews.com/tankers/missiles-landed-metres-from-lpg-carrier-in-tripoli-port-attack/2-1-758510> Tankers were told to leave the port of Tripoli and an LPG carrier had a narrow escape after the terminal was shelled by forces loyal to warlord Khalifa Haftar's Libyan National Army (LNA) on Tuesday.

EU to end Mediterranean anti-smuggler mission and tackle Libya arms flow. *Euronews.*

18 February 2020. Available from: <https://www.euronews.com/2020/02/18/eu-to-end-mediterranean-anti-smuggler-mission-and-tackle-libya-arms-flow> European Union foreign ministers agreed Monday to end Operation Sophia, the bloc's naval mission in the Mediterranean Sea, and launch a new maritime effort focused more on enforcing the U.N arms embargo around Libya.

“Shipping is so insecure we could have driven off in an oil rig”. *Dryad Global.*

20 February 2020. Available from: <https://dryadglobal.com/shipping-is-so-insecure-we-could-have-driven-off-in-an-oil-rig/> Penetration testers looking at commercial shipping and oil rigs discovered a litany of security blunders and vulnerabilities – including one set that would have let them take full control of a rig at sea.

Ships can't be hacked. Wrong. Ken Munro. *Pen Test Partners LLP.* 20 February 2020.

Available from: <https://www.pentestpartners.com/security-blog/ships-cant-be-hacked-wrong/> I get a lot of objections from ships captains when discussing security flaws in ships, so I felt it worthwhile looking at these in some detail.

RN Scores Second Major Drugs Bust of Month in Gulf. *Royal Navy.* 20 February 2020. Available

from: <https://www.royalnavy.mod.uk/news-and-latest-activity/news/2020/february/20/200220-hms-montrose-drugs-bust> The team from *HMS Montrose* recovered bales of hash from the waters of the Gulf of Oman – then found a secret narcotics cache hidden aboard a dhow during a two-day operation which resulted in a haul worth more than £6m on the streets of the UK being seized by the Royal Navy frigate.

Nine kidnapped in seventh attack off Cotonou in the space of just one month. Sam Chambers.

Splash 247.com. 21 February 2020. Available from: <https://splash247.com/nine-kidnapped-in-seventh-attack-off-cotonou-in-the-space-of-just-one-month/> The *Alpine Penelope*, a tanker belonging to Greece's Oceangold Tankers, was hit 76 nautical miles southwest of Cotonou as the ship made its way towards Lagos.

Warning issued as 11 skiffs approach Cosco Wallem bulker in Gulf of Aden. Gary Dixon.

TradeWinds. 23 February 2020. Available from: <https://www.tradewindsnews.com/tankers/warning-issued-as-11-skiffs-approach-cosco-wallem-bulker-in-gulf-of-aden/2-1-760841> The incident occurred at 0748 UTC on Saturday between Yemen and Djibouti, according to the United Kingdom Maritime Trade Operations (UKMTO).

Weekly report details growing number of shipping companies targeted by malware attacks.

Sam Chambers. *Splash 247.com.* 25 February 2020. Available from: <https://splash247.com/weekly-report-details-growing-number-of-shipping-companies-targeted-by-malware-attacks/> Cyber consultants Red Sky Alliance with maritime security specialists Dryad Global have started publishing a weekly list of names of ships appearing in malicious emails with hackers increasingly targeting this niche with malware or phishing links.

Cameroon to elaborate strategy to involve women in fight against maritime crimes.

Business in Cameroon. 25 February 2020. Available from: <https://www.businessincameroon.com/security/2502-10010-cameroon-to-elaborate-strategy-to-involve-women-in-fight-against-maritime-crimes> In the coming weeks, the Ministry of Transport will develop a strategy to involve women in the fight against maritime crimes.

Photos: Colombian Navy Seizes Cocaine from Bulker off Aruba. *Maritime Executive*.

26 February 2020. Available from: <https://www.maritime-executive.com/article/photos-colombian-navy-seizes-cocaine-from-bulker-off-aruba> In a joint interdiction operation conducted with the Dutch Coast Guard, the Colombian Navy boarded a bulker off the coast of Aruba and seized at least one tonne of cocaine.

Hackers can easily manipulate ships' GPS signals. Trine Vestergaard. *ShippingWatch*.

28 February 2020. Available from: <https://shippingwatch.com/secure/suppliers/article11971446.ece> It has become too easy for hackers to manipulate GPS readings, and as such, US President Donald Trump takes steps to have shipping lines protect themselves better when navigating.

MIGRANTS

90 migrants intercepted trying to reach UK - highest number in one day. *Sky News*.

6 February 2020. Available from: <https://news.sky.com/story/more-than-40-suspected-migrants-intercepted-in-english-channel-11927476> Ninety migrants have been intercepted while trying to reach the UK, including women and children.

Mediterranean Monthly Report: Migrant Arrivals Reach 7,168 in 2020; Deaths Reach 77.

International Organization for Migration (IOM). 7 February 2020. Available from: <https://www.iom.int/news/mediterranean-monthly-report-migrant-arrivals-reach-7168-2020-deaths-reach-77> IOM reports that 7,168 migrants and refugees have entered Europe by sea through five weeks of 2020, about a 3 per cent increase from the 6,932 arriving during the same period last year.

Amidst protection challenges, Eastern Route outpaces Mediterranean for people leaving

Africa. *UN News*. 14 February 2020. Available from: <https://news.un.org/en/story/2020/02/1057411> A monthly average of 11,500 people traveling from the Horn of Africa to Yemen last year made the so-called Eastern Route the busiest maritime migration path on earth, the UN migration agency said on Friday.

Spain: Morocco saves 14 migrants, 14 others feared drowned. Renata Brito. *Associated Press*.

19 February 2020. Available from: <https://apnews.com/dde00d8c8fe4a46d697e04d23ca45b4d> Moroccan authorities rescued only 14 migrants from a boat carrying 28 people that capsized off the Western Sahara coast, raising fears that the others drowned, Spain's maritime rescue service said Wednesday.

IOM Calls on the International Community for Urgent Action to Find Alternatives to Disembarkation in Libya. *International Organization for Migration (IOM)*. 19 February 2020.

Available from: <https://www.iom.int/news/iom-calls-international-community-urgent-action-find-alternatives-disembarkation-libya> IOM today is calling on the international community including the European Union to find an alternative safe disembarkation mechanism for migrants rescued fleeing Libya by boat after roughly 200 migrants were returned to Tripoli, hours after the city's main port was heavily shelled on Tuesday.

Who is responsible for helping out migrants at sea? *BBC News*. 26 February 2020. Available

from: <https://www.bbc.co.uk/news/world-44458441> Matteo Salvini, Italy's Interior Minister until last September, took a tough line with boats that had rescued migrants in the Mediterranean.

NAVIGATION & COMMUNICATIONS

IMO recognises GMDSS and ship-positioning satellites. Martyn Wingrove. *Maritime Optimisation & Communications*. 4 February 2020. Available from: <https://www.rivieramm.com/news-content-hub/imo-recognises-gmdss-and-ship-positioning-satellites-57880> IMO's Maritime Safety Committee will review recommendations on updating GMDSS and radio navigation systems after review by the NCSR sub-committee.

PPA sets parameters for cargo ships calling in the country amid nCoV ARD scare. *Philippine Ports Authority (PPA)*. 4 February 2020. Available from: <https://www.ppa.com.ph/content/ppa-sets-parameters-cargo-ships-calling-country-amid-ncov-ard-scare> In order not to disrupt the international cargo supply chain, Philippine ports remain open to all ships even from those originating from China and its Special Administrative Regions (SARs).

Study: How Changes in Shipping Patterns Affect Whales. *MarineLink*. 7 February 2020. Available from: <https://www.marinelink.com/news/study-changes-shipping-patterns-affect-475428> Understanding how changes in shipping traffic and distributions of fin, humpback, and blue whales in the Pacific Ocean affect the risk of whales being struck by ships is the focus of a new study published in the scientific journal, *Frontiers*.

Extensive seabed maps presented to TCI Government. *Turks and Caicos Weekly News*. 10 February 2020. Available from: <https://tcweeklynews.com/extensive-seabed-maps-presented-to-tci-government-p10334-127.htm> MAPS of the seabed surrounding the Turks and Caicos Islands have been handed over to the TCI Government to help promote safe maritime trade and a sustainable blue economy.

More Ships? No Problem, Thanks To New Tracking Tech From Space. Elizabeth Howell. *Forbes*. 11 February 2020. Available from: <https://www.forbes.com/sites/elizabethhowell/1/2020/02/11/more-ships-no-problem-thanks-to-new-tracking-tech-from-space/> The South China Sea now has sharper satellite "vision" watching the region, helping to manage one of the busiest ship trafficking areas in the world.

OceanX and NOAA join to advance ocean exploration and mapping. *US National Oceanic and Atmospheric Administration (NOAA)*. 11 February 2020. Available from: <https://www.noaa.gov/media-release/oceanx-and-noaa-join-to-advance-ocean-exploration-and-mapping> NOAA and the exploration initiative OceanX have forged a formal agreement to advance cutting-edge ocean exploration and scientific research that increases public understanding of the importance and value of the ocean.

Ships are skipping China causing turmoil for trade. *Gulf News (UAE)*. 15 February 2020. Available from: <https://gulfnews.com/business/ships-are-skipping-china-causing-turmoil-for-trade-1.69719392> February 2020 will come to be remembered as a period of historic disruption to physical supply chains the world over, as the coronavirus wrecks trade.

Spin-Offs from Future Twin Channels at the Suez Canal. Harry Valentine. *Maritime Executive*. 15 February 2020. Available from: <https://www.maritime-executive.com/editorials/spin-offs-from-future-twin-channels-at-the-suez-canal> Despite recent expansion, further canal expansion is expected over the next decade.

Cruise liners steer clear of mainland China, Hong Kong and Singapore over COVID-19 fears.

Amir Yusof. *Channel News Asia*. 16 February 2020. Available from:

<https://www.channelnewsasia.com/news/asia/coronavirus-covid-19-cruise-liners-avoid-asia-12435530>

Major cruise liners have changed their itineraries in Asia to avoid calling at major ports like Shanghai, Hong Kong and Singapore amid fears of COVID-19.

CalMac crew praised for berthing lurching ferry at Ardrrossan. *BBC News*. 16 February 2020.

Available from: <https://www.bbc.co.uk/news/uk-scotland-glasgow-west-51522580> The crew of a CalMac ferry have been praised for their skill as dramatic footage showed the vessel struggling to berth in stormy seas.

US President to reduce government use of GPS over cyber fears. Gabriella Twining.

Safety at Sea. 17 February 2020. Available from: <https://safetyatsea.net/news/2020/us-president-to-reduce-government-use-of-gps-over-cyber-fears/> President Donald Trump has issued an executive order directing the Pentagon, Department of Homeland Security, and Department of Commerce to minimise the number of US systems dependent on GPS for navigation and positioning.

Indigenous people help develop better Arctic shipping routes. Sophie Yeo. *The Hill (US)*.

17 February 2020. Available from: <https://thehill.com/changing-america/sustainability/climate-change/482927-indigenous-people-help-develop-better-arctic> As the climate warms, the Arctic is becoming a more hectic place. Less ice means more boats, which can now make their way through the once impassable ocean.

Uncharted waters: how maps can help prevent conflict over marine resources. Denis Loctier.

Euronews. 19 February 2020. Available from: <https://www.euronews.com/2020/02/18/uncharted-waters-how-maps-can-benefit-management-of-marine-resources> An ambitious project to improve the management of marine resources across regional and international borders is underway in Europe and all over the world.

The future of forecasts – why shipping needs to improve its weather data to take account of climate change. *Nautilus International*. 20 February 2020. Available from:

<https://www.nautilusint.org/en/news-insight/telegraph/the-future-of-forecasts-why-shipping-needs-to-improve-its-weather-data-to-take-account-of-climate-change/> The International Maritime Organization (IMO) and the World Meteorological Organization (WMO) have recently launched a joint initiative to examine the threat posed by increasingly extreme weather conditions at sea and to improve the quality of forecasts provided to ships.

PIRACY

Gulf of Guinea: fighting criminal groups in the Niger Delta is key to defeating piracy.

Dirk Siebels. *The Conversation*. 3 February 2020. Available from: <https://theconversation.com/gulf-of-guinea-fighting-criminal-groups-in-the-niger-delta-is-key-to-defeating-piracy-130480> Different reports have recently highlighted security challenges in the Gulf of Guinea.

BIMCO boss hits out at Nigerian piracy status quo. Sam Chambers. *Splash 247.com*.

5 February 2020. Available from: <https://splash247.com/bimco-boss-hits-out-at-nigerian-piracy-status-quo/> The departing CEO of international shipowning organisation BIMCO has hit out at Nigerian authorities' complete failure to rein in the horrendous piracy situation in West Africa as well as the tacit complicity of oil majors not to speak out on the matter.

Singapore Strait pirates back in action with two ships attacked. Jonathan Boonzaier.

TradeWinds. 10 February 2020. Available from:

<https://www.tradewindsnews.com/casualties/singapore-strait-pirates-back-in-action-with-two-ships-attacked/2-1-753100> Knife-wielding thieves targeted more ships in the Singapore Strait over the weekend, with a New Vision Shipping bulker and a Shipping Corp of India tanker coming under attack in the early hours of Sunday morning.

Africa: Who Will Help Africa Solve Its Piracy Problem in the Gulf of Guinea? Silja Fröhlich.

AllAfrica. 14 February 2020. Available from: <https://allafrica.com/stories/202002150001.html>

Maritime piracy has increased off the west coast of Africa, in the Gulf of Guinea, despite preventative measures.

Crew safe after pirate attack on Schulte's *Maersk Tema* boxship off Nigeria. Gary Dixon.

TradeWinds. 16 February 2020. Available from:

<https://www.tradewindsnews.com/containerships/crew-safe-after-pirate-attack-on-schultes-maersk-tema-boxship-off-nigeria/2-1-756472> The incident took place on 5,466-teu *Maersk Tema* (built 2015), which is operated by the Danish company and owned by Germany's Schulte Group, 170 nautical miles (315km) south-west of Bayelsa on Friday morning.

Reign of Pirates. Eromosele Abiodun. *This Day (Nigeria)*. 21 February 2020. Available from:

<https://www.thisdaylive.com/index.php/2020/02/21/reign-of-pirates/> In a move ostensibly planned to rubbish recent announcement by the federal government through the Minister of Transportation, Rotimi Amaechi that the government is planning to deploy specialised equipment to halt the piracy and criminality in the Niger Delta, pirates recently attacked a container vessel off Nigerian coast last week.

Fed Govt enforces anti-piracy law. Muyiwa Lucas. *The Nation (Nigeria)*. 25 February 2020.

Available from: <https://thenationonlineng.net/fed-govt-enforces-anti-piracy-law/> The Federal Government has embarked on measures to ensure smooth enforcement of the new anti-piracy law to stem criminality on the waters.

NIMASA Set to Tackle Piracy with Multi-million Dollar Vessels. Eromosele Abiodun.

This Day (Nigeria). 28 February 2020. Available from:

<https://www.thisdaylive.com/index.php/2020/02/28/nimasa-set-to-tackle-piracy-with-multi-million-dollar-vessels/> In bid to halt piracy, criminality in Nigeria's territorial waters and the annual loss of about \$2.3 billion to maritime crime, the Nigerian Navy and the Nigerian Maritime Administration and Safety Agency (NIMASA) have taken delivery of two Special Mission Vessels (SMV), an effort they believe will put an end to the menace.

PORT STATE CONTROL

Japan decides to refuse entry to noncitizen cruise ship passengers bound for Okinawa due to virus concerns. Satoshi Sugiyama. *Japan Times*. 6 February 2020. Available from:

<https://www.japantimes.co.jp/news/2020/02/06/national/science-health/japan-10-more-coronavirus-cases-quarantined-cruise-ship> Prime Minister Shinzo Abe said Thursday that Japan has decided to refuse entry to noncitizen passengers on board a luxury cruise ship that is set to arrive in the country later this week as some are suspected to be infected with the new coronavirus.

Coronavirus: Govt directs 12 major ports to put in place screening, quarantine system.

Times of India. 7 February 2020. Available from: <https://bit.ly/3csRvYI> The government on Friday said it has directed all 12 major ports to immediately put in place screening, detection and quarantine system for disembarking seafarers and cruise passengers as a preventive measure against the coronavirus outbreak.

Foreign flagged ships detained in the UK during January 2020. UK Maritime & Coastguard Agency.

10 February 2020. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-january-2020> The Maritime and Coastguard Agency (MCA) announced today that six foreign flagged ships remained under detention in UK ports during January 2020 after failing port state control (PSC) inspection.

Coronavirus: Four cruise ships refused entry into Tonga. Pacific Islands News Association.

12 February 2020. Available from: <http://www.pina.com.fj/?p=pacnews&m=read&o=6890947505e437a53b2974fe18ac11> Four cruise ships have been refused entry into Tonga due to health warnings following the global coronavirus outbreak.

Cruise ship refused port over virus fears to dock in Cambodia – operator. Justin McCurry.

The Guardian. 12 February 2020. Available from: <https://www.theguardian.com/world/2020/feb/12/westerdam-cruise-ship-with-2000-onboard-refused-port-by-four-countries-amid-coronavirus-fears> Cambodia has agreed to let a cruise ship that has been turned away by five countries over fears that someone aboard may have the coronavirus to dock and disembark its passengers, the ship's operator has said.

WHO Calls for Permission for Ship to Enter Port over Quarantined Japan Cruise Ship.

KBS World Radio (South Korea). 13 February 2020. Available from: http://world.kbs.co.kr/service/news_view.htm?lang=e&Seq_Code=151289 The World Health Organization (WHO) has urged all countries to respect the principle of proper care for all travellers and the principle of "free pratique" or permission for ships to enter a port, in relation to a quarantine cruise ship in Japan.

Westerdam cruise ship passengers disembark in Cambodia after being turned away by five countries. South China Morning Post.

14 February 2020. Available from: <https://www.scmp.com/news/asia/southeast-asia/article/3050574/westerdam-cruise-ship-passengers-disembark-cambodia-after> Passengers on a cruise ship that spent two weeks at sea after being turned away by five countries over coronavirus fears started disembarking in Cambodia on Friday.

Hun Sen to the rescue. Niem Chheng. Phnom Penh Post (Cambodia).

14 February 2020. Available from: <https://www.phnompenhpost.com/national/hun-sen-rescue> Cambodia has won praise for allowing passengers of the *MS Westerdam* cruise ship to dock at Preah Sihanouk port, thanks to Prime Minister Hun Sen's humanitarian act.

Thailand takes in German ship after Vietnam says no on virus fears. The Star (Malaysia).

15 February 2020. Available from: <https://www.thestar.com.my/news/regional/2020/02/15/thailand-takes-in-german-ship-after-vietnam-says-no-on-virus-fears> German cruise operator AIDA has been granted permission to dock one of its vessels in Thailand, days after it was blocked from doing so in Vietnam due to fear of the new coronavirus spreading in the region.

Bulker Quarantined in Chennai in Coronavirus Scare. *Maritime Executive*. 19 February 2020. Available from: <https://www.maritime-executive.com/article/bulker-quarantined-in-chennai-in-coronavirus-scare> In an example of the delays for shipping caused by the coronavirus epidemic, a bulker was briefly quarantined at Chennai when two Chinese crewmembers displayed symptoms of a mild fever.

MSC cruiseship turned away in Caribbean as coronavirus fears spread. Max Tingyao Lin and Jonathan Boonzaier. *TradeWinds*. 26 February 2020. Available from: <https://www.tradewindsnews.com/cruise-and-ferry/msc-cruiseship-turned-away-in-caribbean-as-coronavirus-fears-spread/2-1-763227> A vessel of MSC Cruises with more than 6,100 people on board has been turned away by Jamaica, Cayman Islands and narrowly avoided the same fate in Mexico as fears over the Covid-19 coronavirus spread from Asia to the Americas.

Navy quarantines 188 Indonesian World Dream crew members in Jakarta. *Jakarta Post*. 26 February 2020. Available from: <https://www.thejakartapost.com/news/2020/02/26/navy-quarantines-188-indonesian-crew-members-in-jakarta.html> The government transported 188 Indonesian nationals working as crew members aboard the *World Dream* cruise ship to the relatively uninhabited Sebaru Island, part of Jakarta, on Wednesday for quarantine amid coronavirus concerns.

PORTS & HARBOURS

€49.9m project to reduce air pollution in Grand Harbour by 90%. *Malta Independent*. 4 February 2020. Available from: <https://www.independent.com.mt/articles/2020-02-04/local-news/49-9m-project-to-reduce-air-pollution-in-Grand-Harbour-by-90-6736219259> Infrastructure Malta today launched a €49.9 million shore side electricity project to cut over 90% of the air pollution that cruise liners and Ro-Ro ships produce when visiting the Grand Harbour.

UK ports calling for funding for local preparedness for the Coronavirus. *British Ports Association*. 10 February 2020. Available from: <https://www.britishports.org.uk/news/uk-ports-calling-for-funding-for-local-preparedness-for-the-coronavirus> Following the Health Secretary's statement this morning that Coronavirus represents "serious and imminent threat" to public health, the British Ports Association is calling for more funding and support to be given to UK local authority officials to prepare our borders.

In a world-first, India's dozen major ports now run fully on renewable energy. P Manoj. *Hindu BusinessLine (India)*. 12 February 2020. Available from: <https://www.thehindubusinessline.com/economy/logistics/in-a-world-first-indias-dozen-major-ports-now-run-fully-on-renewable-energy/article30798156.ece> The dozen state-owned major ports in the country have switched to renewable energy to meet their entire power requirements, making India the first nation to have all government-owned ports running on solar and wind energy.

Port Optimisation is a Worthwhile Target for Ship Owners, Ports and the Planet. *Handy Shipping Guide*. 13 February 2020. Available from: https://www.handyshippingguide.com/shipping-news/port-optimisation-is-a-worthwhile-target-for-ship-owners-ports-and-the-planet_12667 Latest news from the World Ports Sustainability Program (WPSP), an initiative of the Japanese headquartered International Association of Ports and Harbors (IAPH), contains some interesting facts about ships movements, and delays, as they travel the globe moving around 90% of all the world's goods.

Ships may face more than 30% higher costs under new Panama Canal Authority measures, says International Chamber of Shipping. *International Chamber of Shipping (ICS).*

13 February 2020. Available from: <https://bit.ly/2vC2SwT> The Panama Canal Authority has said it will impose a 'Freshwater Charge' on ships passing through the canal from 15th February.

Digitising our ports, embracing innovation. Kazi Emdadul Haq. *Daily Star (Bangladesh).*

16 February 2020. Available from: <https://bit.ly/2woQBMv> To sustain economic growth and national development, Bangladesh have to look to the oceans for new resources and opportunities.

Kiel plans largest shore power project in Germany. *Ship & Bunker.* 17 February 2020. Available

from: <https://shipandbunker.com/news/emea/345634-kiel-plans-largest-shore-power-project-in-germany> The German port of Kiel is to install shore power is what is said to be the largest port project of its kind in the country.

Coronavirus impact: Containers from China languish at Indian ports on documentation woes.

Raja Simhan. *Hindu BusinessLine (India).* 19 February 2020. Available from:

<https://www.thehindubusinessline.com/news/coronavirus-impact-containers-from-china-languish-at-indian-ports-on-documentation-woes/article30857671.ece> Thousands of containers that arrived from China post outbreak of Coronavirus are stranded at various Indian ports as documents giving details of goods inside the boxes that need to be given to Indian consignees are stuck inside locked offices of shippers at Chinese cities.

ESPO Position Paper on EU Green Deal. *European Sea Ports Organisation (ESPO).*

19 February 2020. Available from: <https://www.espo.be/views/espo-position-paper-on-eu-green-deal> On 19 February, ESPO published its Position Paper on the European Green Deal objectives in ports. [ESPO'S Roadmap to implement the European Green Deal objectives in ports](#) 📄

ITF and ETF call upon ship operators to return lashing to shore-based dock workers.

International Transport Workers' Federation (ITF). 19 February 2020. Available from:

<https://www.itfglobal.org/en/news/itf-and-etf-call-upon-ship-operators-return-lashing-shore-based-dock-workers> On February 11, the Dutch registered container vessel *OOCL Rauma* spilled seven containers overboard during a stormy passage from Kotka, Finland, to Rotterdam in the Netherlands.

Coronavirus slows cargo flow at Mombasa port. Anthony Kitimo. *The East African (Kenya).*

19 February 2020. Available from: <https://www.theeastafrican.co.ke/business/Coronavirus-slows-cargo-flow-at-Mombasa-port/2560-5460848-14se9wx/index.html> Cargo volumes at the port of Mombasa are expected to reduce in the next few weeks as the outbreak of the coronavirus continues to afflict China's manufacturing and overseas trade.

Bahamian Ports Face Full Security Exercise. Youri Kemp. *The Tribune (Bahamas).*

20 February 2020. Available from: <http://www.tribune242.com/news/2020/feb/20/bahamian-ports-face-full-security-exercise/> Bahamian ports will face a full security drill later this year, the country's international standards compliance head said yesterday.

EU policymakers witness shipping's decarbonisation efforts on visit to the Port of Antwerp.

European Community Shipowners' Associations (ECSA). 21 February 2020. Available from:

<https://www.ecsa.eu/news/eu-policymakers-witness-shippings-decarbonisation-efforts-visit-port-antwerp> The full-day visit started with a guided tour of the impressive Port Authority Building designed by Iraqi-British architect Zaha Hadid, opened recently in 2016.

Shipping lines face troubled waters as oil tankers, container carriers and cruise lines stop calling on China for fear of catching the coronavirus. Ryan Swift. *South China Morning Post*.

24 February 2020. Available from:

<https://www.scmp.com/business/companies/article/3051784/shipping-lines-face-troubled-waters-oil-tankers-container> Port calls to China are becoming less frequent, as fear of catching the coronavirus and a slowdown in the Chinese economy have deterred cruise liners, container ships, oil tankers and bulk carriers alike from stopping at the country's harbours.

The full version of the World Bank study on “Strengthening Ukraine’s Port Sector

Governance” has been published. *Ukrainian Sea Ports Authority (USPA)*. 24 February 2020.

Available from: <https://bit.ly/2uQVBsE> The World Bank experts, upon the request of the Ministry of Infrastructure and with the active participation of the team of the Ukrainian Sea Ports Authority, have completed their work to present the results of the study on the prospects for strengthening Ukraine's port sector governance.

Strengthening Ukraine’s port sector governance. *World Bank*. February 2020. Available from:

http://www.uspa.gov.ua/images/other_files/Port_galus_web_en.pdf 📄 Ukraine is a maritime nation of systemic importance to the rest of the world.

Coronavirus update - ports continue to impose additional requirements due to the

Coronavirus. *Standard Club*. 26 February 2020. Available from: <https://bit.ly/3cnT0ay> Numerous ports in and around South Asia and the Far East continue to impose additional requirements due to the Coronavirus.

Spotlight: Greece's Piraeus port kicks off cruise terminal expansion project. *Xinhuanet (China)*.

26 February 2020. Available from: http://www.xinhuanet.com/english/2020-02/26/c_138818897_2.htm Greek's largest port Piraeus on Tuesday kicked off its expansion project which, once completed, will usher in a "new era" for the port and cruise sector in Greece.

Vancouver port CEO warns of coronavirus woes, as China trade continues to ebb.

Canadian Broadcasting Corporation (CBC). 27 February 2020. Available from:

<https://www.cbc.ca/news/canada/british-columbia/coronavirus-woes-china-trade-1.5478782>

The head of Canada's largest port says the novel coronavirus is eating into trade following a year that saw cargo volumes dip.

REGULATIONS

Commentary: Who pays for IMO 2020? Darren Prokop. *Freight Waves*. 30 January 2020.

Available from: <https://www.freightwaves.com/news/commentary-who-pays-for-imo-2020>

The United Nations' International Maritime Organization (IMO) implemented its low-sulfur fuel mandate on January 1, 2020.

How Emissions Regulations Are Affecting The Superyacht Industry. Kate Lardy.

Boat International. 10 February 2020. Available from:

<https://www.boatinternational.com/yachts/news/superyacht-emissions-regulations--42719>

Kate Lardy investigates how these new rules are impacting the industry ahead of the approaching deadline.

Oversight of Fishing Vessels Lacking, New Analysis Shows. *New York University.*

18 February 2020. Available from: <https://www.nyu.edu/about/news-publications/news/2020/february/oversight-of-fishing-vessels-lacking--new-analysis-shows.html>
Policies regulating fishing in international waters do not sufficiently protect officials who monitor illegal fishing, the prohibited dumping of equipment, or human trafficking or other human rights abuses.

Greek owners sound alarm on looming compliance crisis. Nigel Lowry. *Lloyd's List.*

20 February 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1131112/Greek-owners-sound-alarm-on-looming-compliance-crisis> Coronavirus outbreak could cause issues for ships en route or planning to sail to Chinese shipyards for inspections and certificate renewals.

IMO 2020: A Crisis That Didn't Happen. David Blackmon. *Forbes.* 20 February 2020.

Available from: <https://www.forbes.com/sites/davidblackmon/2020/02/20/imo-2020-a-crisis-that-didnt-happen> More than a decade in the making, the new IMO 2020 rule mandating lower sulfur emissions from the shipping industry went into effect on January 1, 2020.

Navigating uncertainty – IMO 2020. Barry Parker. *Seatrade Maritime News.* 24 February 2020.

Available from: <https://www.seatrade-maritime.com/regulation/navigating-uncertainty-imo-2020>
In the wake of IMO 2020, the Chinese New Year and the coronavirus, the more than usual uncertainty has generated rough sailing throughout all sectors of shipping.

From the News Desk: Has the shipping sector accepted new EU emissions rules are inevitable? Adam Sharpe. *Lloyd's List.* 25 February 2020. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1131215/From-the-News-Desk-Has-the-shipping-sector-accepted-new-EU-emissions-rules-are-inevitable> The mood at European Shipping Week was one of acceptance that decarbonisation regulations are on the way sooner rather than later, but there is still disagreement over the best way to tackle the issue.

Restrictions on the use of open-loop scrubbers in France, Portugal, Spain and Gibraltar.

Standard Club. 25 February 2020. Available from: <https://bit.ly/2PR0Ccb> Members with ships fitted with scrubbers and trading in European ports are advised that based on the information provided by the club's correspondents in France, Portugal, Spain and Gibraltar that there are restrictions placed on the use of open loop systems. [Scrubber Ban Map](#)

SALVAGE

Will The Golden Ray Salvage Threaten OPA 90? *gCaptain.* 4 February 2020. Available from:

<https://gcaptain.com/golden-ray-salvage-opa-90/> This year marks the 30th anniversary of the Oil Pollution Act of 1990 (OPA-90) — one of the most successful disaster response and environmental protection laws in U.S. history.

Judge questions plan to remove capsized ship in huge chunks. Russ Bynum. *Associated Press.*

21 February 2020. Available from: <https://apnews.com/0d7682b5c7a133c52855911440524c9c>
A federal judge on Friday ordered attorneys for the U.S. Coast Guard and a maritime salvage company to answer detailed questions about plans to remove an overturned cargo ship on the Georgia coast by sawing it into eight enormous chunks.

Watch: Operation to remove oil drums from 'ghost ship' in Cork underway. Neil Michael. *Irish Examiner*. 26 February 2020. Available from: <https://www.irishexaminer.com/breakingnews/ireland/watch-operation-to-remove-oil-drums-from-ghost-ship-in-cork-underway-984142.html> The operation to lift nearly 100 oil drums from the “ghost ship” stranded on rocks off the Cork coast has begun.

SEAFARERS

PPA bans disembarkation of vessel crews from nCoV-hit China, cancels visitation privileges of relatives of Pinoys, NGO's while docked at any PPA-controlled port. *Philippine Ports Authority (PPA)*. 3 February 2020. Available from: <https://www.ppa.com.ph/content/ppa-bans-disembarkation-vessel-crews-ncov-hit-china-cancels-visitation-privileges-relatives> The Philippine Ports Authority (PPA) further tightened its noose in all ports, banning the disembarkation of vessel crews while docked at any PPA-controlled ports.

Seafarers denied off-signing as coronavirus fears mount. *Nautilus International*. 6 February 2020. Available from: <https://www.nautilusint.org/en/news-insight/news/seafarers-denied-off-signing-as-coronavirus-fears-mount/> Seafarers who have visited Chinese ports are being denied off-signing by countries fearing the spread of the deadly coronavirus, Nautilus has been told by a member who asked to remain anonymous.

Greek government under fire over abandoned Probulk crew. Harry Papachristou. *TradeWinds*. 7 February 2020. Available from: <https://www.tradewindsnews.com/law/greek-government-under-fire-over-abandoned-probulk-crew/2-1-750380> Four Greek seamen stranded in Djibouti are causing a political furore in Greece, with the opposition raising the case in parliament and the government pledging to take unconventional measures to secure their release.

Agency for Filipino crew in virus-hit Japan cruise ship assures seafarers' safety. *ABS-CBN (Philippines)*. 7 February 2020. Available from: <https://bit.ly/2THB0j0> The agency for Filipino crew members onboard a cruise ship off Japan assured the seafarers' families that they will be protected, amid their quarantine due to the new coronavirus (2019-nCoV) that hit the vessel early this week.

GMA express concern over rising kidnapping cases on Gulf of Guinea. *Ghana News Agency*. 10 February 2020. Available from: <https://ghananewsagency.org/economics/gma-expresses-concern-over-rising-kidnapping-cases-on-gulf-of-guinea-163806> Mr Thomas Alonsi, the Director-General, Ghana Maritime Authority (GMA), has expressed concern over the Gulf of Guinea.

Crew movement caught up in coronavirus. Sam Chambers. *Splash 247.com*. 12 February 2020. Available from: <https://splash247.com/crew-movement-caught-up-in-coronavirus/> One of the less reported side effects hitting global supply chains in the wake of the coronavirus emanating from China surrounds crew changes with thousands of exasperated seafarers unable to get home on time and crew travel desks working overtime to get crew to ships in different locations.

Diamond Princess crew 'desperate for help' as virus tightens grip. Ted Ragencia. *Aljazeera*. 13 February 2020. Available from: <https://www.aljazeera.com/news/2020/02/diamond-princess-crew-desperate-virus-tightens-grip-200211035044117.html> With a total of 531 crew and seafarers, Filipinos make up half the staff of the *Diamond Princess* cruise ship that is quarantined in Japan's Yokohama port because of the coronavirus, and as the illness spreads, they are becoming increasingly worried.

Why harbour master Georgina Carlo-Paat spent her life at sea. *BBC News*. 13 February 2020. Available from: <https://www.bbc.co.uk/news/uk-england-devon-50659117> Georgina Carlo-Paat describes how she went from ship cook to the dredging industry's first female captain - a varied career during which she has watched penguins play on icebergs, eaten lobster in a Russian nightclub after a spell in the Baltic, and become Ilfracombe's first woman harbour master.

PCG ensures cruise ship from Japan docked in Manila won't disembark crew. *Betheena Unite. Manila Bulletin*. 13 February 2020. Available from: <https://news.mb.com.ph/2020/02/13/pcg-ensures-cruise-ship-from-japan-docked-in-manila-wont-disembark-crew/> A cruise ship from Japan is currently docked at the Port Area in Manila Thursday not to ferry passengers but only to get fuel supply, the Philippine Coast Guard ensured amid the 2019 novel coronavirus disease (COVID-19).

Seafarers warned of bogus recruitment campaign. *Nautilus International*. 13 February 2020. Available from: <https://www.nautilusint.org/en/news-insight/news/seafarers-warned-of-bogus-recruitment-campaign/> NYK Group Europe has warned seafarers across the globe of a bogus 'large-scale maritime officer's recruitment campaign', that asks maritime jobseekers to hand over passports, documents and money in order to help them find employment.

What happens if coronavirus begins infecting cargo-ship crew? Greg Miller. *Freight Waves*. 14 February 2020. Available from: <https://www.freightwaves.com/news/what-happens-if-coronavirus-begins-infecting-cargo-ship-crew> If ocean shipping is the "canary in the coal mine" for how the coronavirus will affect the global economy, then ocean shipping's canary is the health of its crew.

State to employ 2000 seafarers annually. Betty Kiptum. *Kenya Broadcasting Corporation (KBC)*. 17 February 2020. Available from: <https://www.kbc.co.ke/state-to-employ-2000-seafarers-annually/> About 2,000 people are set to secure jobs annually as seafarers in a partnership between the Department of Youth Affairs and that of Shipping and Maritime.

Stop bullying and Harassment. *Human Rights at Sea (HRAS)*. 17 February 2020. Available from: <https://www.humanrightsatsea.org/2020/02/17/bullying-and-harassment-at-sea-a-clear-and-present-threat-to-seafarers/> Human Rights at Sea today publishes a redacted example of testimony and background facts from a recent case highlighted to the charity and other welfare entities concerning bullying and harassment towards an experienced Indian Chief Engineer by a Turkish Master on Marshall Islands flagged vessel.

Charities continue providing seafarer welfare amid coronavirus restrictions. *Seatrade Maritime News*. 18 February 2020. Available from: <https://www.seatrade-maritime.com/ship-operations/charities-continue-providing-seafarer-welfare-amid-coronavirus-restrictions> Seafarer charities are continuing to provide welfare services despite restrictions on activities such as ship visits and shore leave being enforced in some countries in an effort to stop the spread of the coronavirus (Covid-19).

Crewmen among new coronavirus cases on *Diamond Princess*. Martine Li. *Safety at Sea*. 18 February 2020. Available from: <https://safetyatsea.net/news/2020/crewmen-among-new-covid-19-cases-on-diamond-princess/> Three Indonesian crew members are among the 99 new coronavirus (COVID-19) cases that emerged from quarantined cruise ship *Diamond Princess* on 17 February 2020, Indonesia's Foreign Minister Retno LP Marsudi said.

Toil and tears of Kenya's maritime workers. Mbaruku Mohammed. *The Star (Kenya)*. 18 February 2020. Available from: <https://www.the-star.co.ke/news/big-read/2020-02-18-toil-and-tears-of-kenyas-maritime-workers/> Seafarers with their reputation for stout and hardy demeanour are an even more unlikely source of tears.

DG Shipping warns seafarers recruitment agents against taking money to give jobs. P Manoj. *Hindu BusinessLine (India)*. 18 February 2020. Available from: <https://www.thehindubusinessline.com/economy/logistics/dg-shipping-warns-seafarers-recruitment-agents-against-taking-money-to-give-jobs/article30849091.ece> India's maritime administration, the Director General of Shipping (DG Shipping) has advised seafarers recruitment and placement agents and shipping companies to refrain from taking money for employment as it was unlawful under the country's maritime law.

Seafarers raise concerns as tech looks set to slash jobs. Samuel Baya. *Business Daily (Kenya)*. 19 February 2020. Available from: <https://www.businessdailyafrica.com/corporate/shipping/Seafarers-raise-concerns-as-tech-looks-set-to-slash-jobs/4003122-5460400-xp25m5z/index.html> A report on the Review of Maritime Transport 2019 by United Nation Conference on Trade and Development (Unctad) has indicated that in the near future, autonomous ships, or maritime autonomous surface ships, may soon become a reality, promising to provide enhanced safety and cost savings by removing the human element from certain operations, but threatening a number of jobs.

'Captain Courageous' calms nerves on coronavirus cruise. *Gulf News (UAE)*. 20 February 2020. Available from: <https://gulfnews.com/world/asia/captain-courageous-calms-nerves-on-coronavirus-cruise-1.1582176615099> Cracking jokes and delivering critical health information in his lilting Italian accent, the captain of the coronavirus-stricken *Diamond Princess* has soothed nerves and won plaudits for his leadership.

Seafarers demanding information on coronavirus protection. *Seafarers' Rights International (SRI)*. 20 February 2020. Available from: <https://seafarersrights.org/seafarers-demanding-information-on-coronavirus-protection/> If seafarers aboard commercial oceangoing cargo ships start to become infected with the coronavirus there's major trouble ahead for the global transport network.

Abandoned seafarers: Hungry, penniless and far from home. Roz Tappenden. *BBC News*. 21 February 2020. Available from: <https://www.bbc.co.uk/news/uk-england-51008251> When a ship bound for east Africa was detained in Portland off the south coast of England in November, its Russian crew feared they would be stranded indefinitely.

NaFAA to Deploy Certified Seafarers on International Fishing Vessels. Judoemue Kollie. *Daily Observer (Liberia)*. 21 February 2020. Available from: <https://www.liberianobserver.com/news/nafaa-to-deploy-certified-seafarers-on-inter-fishing-vessels/> For the first time since 1989, the government of Liberia, through the National Fisheries and Aquaculture Authority (NaFAA), in collaboration with the Liberia Maritime Authority (LMA), will shortly deploy the first batch of trained and certified Liberian international seafarers on the country's licensed European Union (EU) fishing vessels and Liberian flagged tuna vessels, a release from NaFAA has disclosed.

KVH to support seafarers' wellbeing with free VoIP calls to ISWAN's SeafarerHelp hotline. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 21 February 2020. Available from: <https://www.seafarerswelfare.org/news/2020/kvh-to-support-seafarers-wellbeing-with-free-voip-calls-to-iswans-seafarerhelp-hotline> KVH has announced that seafarers on vessels with KVH VSAT service may place free VoIP calls to ISWAN's SeafarerHelp hotline while at sea.

Coronavirus increases demand for Eastern European crew. *Hellenic Shipping News.*

21 February 2020. Available from: <https://www.hellenicshippingnews.com/coronavirus-increases-demand-for-eastern-european-crew/> As global restrictions due to the coronavirus outbreak begin to impact the shipping industry, crewing specialist Danica reports an increase in enquiries from shipping companies seeking to employ Eastern European crew but says, as yet, salaries have not been affected by any shortages.

Seafarers Facing Unprecedented Challenges Due To Coronavirus Outbreak. *Hellenic Shipping News.*

22 February 2020. Available from: <https://www.hellenicshippingnews.com/seafarers-facing-unprecedented-challenges-due-to-coronavirus-outbreak/> Ship managers and crew on the frontline of global trade are bravely coping with unprecedented challenges due to the coronavirus (COVID-19) outbreak in China.

Coronavirus causing challenges for crews as IMO calls for conventions to be respected.

Malcolm Latarche. *ShipInsight.* 24 February 2020. Available from: <https://shipinsight.com/articles/coronavirus-causing-challenges-for-crews-as-imo-calls-for-conventions-to-be-respected> A Singapore-based ship manager has claimed that the impact of the coronavirus epidemic on those on the frontline of international business – the seafarers that man the ships that facilitate global trade – has largely been overlooked.

Crew member with COVID-19 (Coronavirus Disease 2019) Fully Recovers and Ship Resumes Normal Operations. *Maritime and Port Authority of Singapore (MPA).*

24 February 2020. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/e7a16c6a-fe5c-47bb-b9ad-03538c6d9fa0> A crew member working onboard a cargo ship which arrived in the Port of Singapore from China was earlier diagnosed to have the COVID-19 infection (Case 10).

Theft and extortion common experiences, say seafarers. *Cardiff University (UK).*

24 February 2020. Available from: <https://www.cardiff.ac.uk/news/view/1763095-theft-and-extortion-common-experiences,-say-seafarers> Interviews gathered by academics at Cardiff University reveal those working at sea are often faced with demands for cash and provisions when their vessels enter ports.

Problem Ports: seafarers' stress and subjugation as a result of corrupt practice. *Seafarers International Research Centre (SIRC) Cardiff University.*

24 February 2020. Available from: https://www.sirc.cf.ac.uk/problem_ports.aspx

Barriers to work highlighted by female seafarers at European Shipping Week.

Nautilus International. 24 February 2020. Available from: <https://bit.ly/2TCMCnh> The female seafarers that told these anecdotes and many like them to a conference on the participation of women in European shipping, were able to look back and laugh at some of the hurdles they have faced throughout their careers at sea, but they highlight the very real struggles still faced by females going to sea today.

Indian crew of quarantined cruiseliner still await release. *Times of India.*

25 February 2020. Available from: <https://timesofindia.indiatimes.com/city/goa/indian-crew-of-quarantined-cruiseliners-still-await-release/articleshow/74291380.cms> More than two weeks after luxury cruise liner 'Diamond Princess' was quarantined off the coast of Japan, the 135 crew members from India, 50 of whom are Goans, are still spending anxious days and nights aboard the vessel— well after the completion of the 14-day quarantine period.

Fake Certificates Continue To Endanger Seafarers. *Hellenic Shipping News*. 26 February 2020. Available from: <https://www.hellenicshippingnews.com/fake-certificates-continue-to-endanger-seafarers/> The problem of fraudulent certificates is well-known and pronounced in the maritime industry.

Filipino crew leave *Diamond Princess*; others remain on board. Ana P Santos. *Aljazeera*. 26 February 2020. Available from: <https://www.aljazeera.com/news/2020/02/filipino-crew-leave-diamond-princess-remain-board-200225020355478.html> The repatriation of 445 Filipino crew members from the *Diamond Princess* cruise ship docked in Japan was completed on Wednesday morning, ending more than three weeks of agony for almost half the staff on board the coronavirus-stricken ship, even as hundreds of workers from other countries were left behind.

Crew evacuated from Polaris Shipping VLOC damaged off Brazil. *Seatrade Maritime News*. 27 February 2020. Available from: <https://www.seatrade-maritime.com/casualty/crew-evacuated-polaris-shipping-vloc-damaged-brazil> A very large ore carrier (VLOC) *Stellar Banner* operated by Polaris Shipping is listing badly off the northern Brazilian state of Maranhao.

Pinoy crew of Japan ship to get quarantine clearance. Ferdinand Patinio. *Philippines News Agency*. 28 February 2020. Available from: <https://www.pna.gov.ph/articles/1095124> The 440 Filipino crew members of the *M/V Diamond Princess* cruise ship will receive a certificate of completion of the 14-day mandatory quarantine from the Department of Health (DOH), the Overseas Workers Welfare Administration (OWWA) said Friday.

SEARCH & RESCUE

Drones could form key part of next generation of UK search and rescue. *UK Maritime & Coastguard Agency*. 5 February 2020. Available from: <http://hmcoastguard.blogspot.com/2020/02/drones-could-form-key-part-of-next.html> From accidents off the rugged cliffs of the Atlantic coast to casualties in the high waves of the North Sea, drones could be used in the future to help save lives across the UK.

Coastguard races to 'multiple incidents' in Channel day after record 90 migrants reach UK. Rebekah Evans. *Express (UK)*. 7 February 2020. Available from: <https://www.express.co.uk/news/uk/1239171/kent-news-migrant-ships-channel-uk-coastguard-migrant-crisis> 11 more suspected migrants were brought ashore in Dover this morning, after the Coastguard carried out search-and-rescue operations for "a number of incidents" according to BBC News reporter Simon Jones.

SCF *Angara*'s crew rescues seven fishermen in Gulf of Finland. *Sovcomflot*. 10 February 2020. Available from: http://sovcomflot.ru/en/press_office/press_releases/item103062.html On 6 February 2020 at 23:50 local time, the tanker *SCF Angara*, whilst en-route from the Port of Ust-Luga to Copenhagen, received a distress signal from the Russian fishing trawler *Pongoma*, which was sinking on the traverse of Tallinn, 26 nautical miles offshore.

Spain rescues 119 migrants, launches search for 67 missing. *Associated Press*. 10 February 2020. Available from: <https://apnews.com/aa856783a26a6366f4d534f6d00ce449> Spain on Monday rescued 119 migrants from the sea and was looking for 67 more believed to have gone missing on a boat while trying to reach European shores, the country's maritime authorities said on Monday.

Ocean Viking rescues 84 people in Mediterranean. Emma Wallis. *Info Migrants*.

18 February 2020. Available from: <https://www.infomigrants.net/en/post/22860/ocean-viking-rescues-84-people-in-mediterranean> The aid organizations SOS Méditerranée and Doctors without Borders (MSF), which run the rescue ship *Ocean Viking*, tweeted on Tuesday, February 18 that they rescued "84 people from a dangerously overcrowded wooden boat," about 71 nautical miles off the coast of Libya.

New migrant rescue ship 'Sea-Watch 4' launched. Charlotte Hauswedell. *Info Migrants*.

21 February 2020. Available from: <https://www.infomigrants.net/en/post/22923/new-migrant-rescue-ship-sea-watch-4-launched> The United4Rescue initiative backed by the Protestant Church in Germany has inaugurated a new ship to rescue migrants in the Mediterranean.

SHIP RECYCLING

'Mollah's life was typical': the deadly ship graveyards of Bangladesh. John Vidal. *The Guardian*.

31 January 2020. Available from: <https://www.theguardian.com/global-development/2020/jan/31/khalid-mollah-life-was-typical-the-deadly-ship-graveyards-of-bangladesh> Khalid Mollah died while working among the thousands who dismantle old ships in Chittagong.

Flag of convenience shipping still contributing to welfare breaches on foreign ships entering Australian ports. Jemima Burt. *ABC (Australia)*. 1 February 2020. Available from:

<https://www.abc.net.au/news/2020-02-01/flag-of-convenience-shipping-workers-underfed-underpaid/11644000> Since the start of 2018, the Australian Maritime Safety Authority (AMSA) has detained 31 ships docking in Australia for breaches of the Maritime Labour Convention (MLC) — the international standard for the working and living conditions of seafarers.

Platform publishes list of ships dismantled worldwide in 2019. *NGO Shipbreaking Platform*.

4 February 2020. Available from: <https://www.shipbreakingplatform.org/platform-publishes-list-2019/> According to new data released today by the NGO Shipbreaking Platform, 674 ocean-going commercial ships and offshore units were sold to the scrap yards in 2019.

Older Ships Are Being Rushed to the Scrapyards. Nikos Roussanoglou. *Hellenic Shipping News*.

6 February 2020. Available from: <https://www.hellenicshippingnews.com/older-ships-are-being-rushed-to-the-scrapyards/> Amidst a major crisis like the current one, with most of China under lock-down, the shipping industry has a solid opportunity to accelerate the decommissioning of a significant number of older vessels.

Coronavirus threat casts shadow over ship recycling industry. Inderpreet Walia. *Lloyd's List*.

13 February 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1131016/Coronavirus-threat-casts-shadow-over-ship-recycling-industry> Indian and Bangladeshi scrapyards are not permitting Chinese crew to disembark at the recycling locations.

Maersk shareholder KLP has changed its view on beaching after Alang trip.

Mathias Blædel Lorenzen. *ShippingWatch*. 17 February 2020. Available from: <https://shippingwatch.com/secure/carriers/Container/article11946284.ece> A former critic of the controversial beaching method in which ships are dismantled in the tidal zone has changed its stance.

As ocean temperatures rise, shipowners look for ways to cope. *Hellenic Shipping News.*

19 February 2020. Available from: <https://www.hellenicshippingnews.com/as-ocean-temperatures-rise-shipowners-look-for-ways-to-cope/> According to the International Panel on Climate Change (IPCC), the oceans absorb the majority of the heat created by greenhouse gas emissions, causing their temperature to rise.

IMO 2020 and demolition volumes. Jason Jiang. *Splash 247.com.* 25 February 2020.

Available from: <https://splash247.com/imo-2020-and-demolition-volumes/> The new IMO sulphur regulations, coupled with continued recession in the dry bulk chartering market, has forced owners to push a large number of less fuel-efficient vintage ships to scrapyards in the first two months of this year.

SHIPBUILDING & SHIPREPAIR

Leading the way towards the world's first zero emissions supply vessel. *Wärtsilä Corporation.*

4 February 2020. Available from: <https://www.wartsila.com/media/news/04-02-2020-leading-the-way-towards-the-world-s-first-zero-emissions-supply-vessel> Since 2003, Wärtsilä and Eidesvik Offshore have collaborated on the development and verification of new environmental technology and now the two companies are joined by Equinor, Prototech and EU initiative, ShipFC, in a five year demo project where the «*Viking Energy*» will become the world's first zero emissions supply vessel – with fuel cells powered by ammonia.

Why are we building gas-powered ships? Calum Watson. *BBC News.* 5 February 2020.

Available from: <https://www.bbc.co.uk/news/uk-scotland-51114275> Former Ferguson shipyard owner Jim McColl has told Holyrood's ferry inquiry it might be cheaper to scrap two problem-hit "green" ferries and build three simpler ships instead.

Size and safety set tanker trends. *The Motorship.* 10 February 2020. Available from:

<https://www.motorship.com/news101/ships-and-shipyards/size-and-safety-set-tanker-trends>

To chart the history of oil tankers is to put a mirror to more than a century of technical evolution, disaster, politics and regulation.

GHG regulatory uncertainty stifling shipbuilding: Panel. Stefka Wechsler. *Angus Media.*

14 February 2020. Available from: <https://www.argusmedia.com/en/news/2071058-ghg-regulatory-uncertainty-stifling-shipbuilding-panel> Uncertainty around the International Maritime Organization (IMO)'s pending greenhouse gas (GHG) regulation may be keeping some shipowners on the sidelines when it comes to ordering new vessels.

Construction advances on world's first LNG bunker ATB. John Snyder. *LNG World Shipping.*

23 February 2020. Available from: <https://www.rivieramm.com/news-content-hub/construction-advances-on-worlds-first-lng-bunker-atb-55644> Shipowners that have opted to burn LNG as a marine fuel to comply with IMO's 2020 sulphur cap will benefit from the world's first LNG bunker articulated tug barge (ATB) unit, due to enter service next year.

First dredger with ultra-low emissions has arrived in Belgium. *Hellenic Shipping News.*

26 February 2020. Available from: <https://www.hellenicshippingnews.com/first-dredger-with-ultra-low-emissions-has-arrived-in-belgium/> Jan De Nul Group's newest Trailing Suction Hopper Dredger *Sanderus* has just arrived in Belgium to execute maintenance dredging works in the coastal ports.

Ship Repair Sector in Coronavirus Shock. Nikos Roussanoglou. *Hellenic Shipping News*. 28 February 2020. Available from: <https://www.hellenicshippingnews.com/ship-repair-sector-in-coronavirus-shock/> The ship repair segment has been one of the hardest hit from the widespread effects of the Coronavirus, not only due to the restriction of operations of major yards, but also due to the fact that business was sky-high as well.

SHIPPING

Owners warned to plan for March 2020 fuel ban. Malcolm Latache. *ShipInsight*. 31 January 2020. Available from: <https://shipinsight.com/articles/owners-warned-to-plan-for-march-2020-fuel-ban> Shipping law firm Hill Dickinson has warned owners that the deadline for the ban on carrying non-compliant fuels is fast approaching and plans need to be put in place for de-bunkering.

2020 Global Container Shipping Report *AlixPartners*. February 2020. Available from: <https://www.alixpartners.com/insights-impact/insights/container-shipping-report-2020/> January 1 brought with it the implementation of a regulation issued by the International Maritime Organization known as IMO 2020, which requires carriers to limit the sulfur content of the fuel they burn to 0.5% — a drastic reduction from the previous cap of 3.5%.
[2020 Global Container Shipping Outlook](#) 

Shipping organizations reject criticism of new fuels. Katrine Grønvald Raun. *ShippingWatch*. 3 February 2020. Available from: <https://shippingwatch.com/secure/regulation/article11916921.ece> In an open letter, a number of shipping organizations have now responded to a criticism from environmental alliance Clean Arctic Alliance.

Hapag-Lloyd to lower CO2 emissions using biofuel. *Hapag-Lloyd*. 3 February 2020. Available from: <https://www.hapag-lloyd.com/en/press/releases/2020/01/hapag-lloyd-to-lower-co2-emissions-using-biofuel-.html> Hapag-Lloyd is bunkering “bio”: To reduce the CO2 emissions generated by operating ships, one of its ships recently refuelled in Rotterdam with a new, eco-friendly biofuel.

IMO Sulphur 2020: the challenge for diesel engines. Neil Graham. *Marine Propulsion & Auxiliary Machinery*. 4 February 2020. Available from: <https://www.rivieramm.com/news-content-hub/imo-sulphur-2020-the-challenge-for-diesel-engines-57877> The International Maritime Organisation’s (IMO) new rules on marine fuels, which reduce the MARPOL Annex VI global fuel sulphur cap from 3.5% to 0.5%, came into effect on 1 January 2020.

SDG14: Could electric ferries power up a new era of greener shipping? Toby Hill. *Business Green*. 5 February 2020. Available from: <https://www.businessgreen.com/feature/4010140/sdg14-electric-ferries-power-era-greener-shipping> Controversy has dogged the shipping sector's response to the climate crisis for decades.

New fuels contain a surprising amount of impurities and water. Katrine Grønvald Raun. *ShippingWatch*. 5 February 2020. Available from: <https://shippingwatch.com/secure/regulation/article11921844.ece> Now more than a month has passed since the global sulfur cap came into force, and a majority of the global fleet has had to switch to the new low-sulfur fuel oils, VLSFO, which are unfamiliar to the industry.

Dutch multinationals demand more transparent CO2 reporting per container. Sam Chambers. *Splash 247.com*. 6 February 2020. Available from: <https://splash247.com/dutch-multinationals-demand-more-transparent-co2-reporting-per-container/> On the back of successful biofuel trials onboard the 18,000 teu *Mette Maersk* from Rotterdam to Shanghai last year, the Danish carrier has launched a new product called ECO Delivery, while six of the Netherlands' largest conglomerates have committed to use the emerging fuel more often and are demanding carriers become more transparent with their emissions per container.

Hit & Sunk: How to Clean the Shipping Sector. *Bellona Foundation*. 6 February 2020. Available from: <https://bellona.org/news/transport/electric-vehicles/2020-02-hit-sunk-how-to-clean-the-shipping-sector> If there is a word that has been discussed a lot in the year 2019 it has definitely been flight-shaming.

International maritime unions urge Australian government to save Australian shipping before senate inquiry. *International Transport Workers' Federation (ITF)*. 7 February 2020. Available from: <https://www.itfseafarers.org/en/news/international-maritime-unions-urge-australian-government-save-australian-shipping-senate> International maritime unions have urged the Morrison government to reverse the decline of the Australian shipping industry and invest in the creation of a new strategic fleet to aid Australia's emergency response capacity to natural disasters and move to protect the nation's economic, environmental, fuel and national security interests.

Falklands hosts the Red Ensign Group conference, ahead of upcoming IMO audit. *Mercopress*. 7 February 2020. Available from: <https://en.mercopress.com/2020/02/07/falklands-hosts-the-red-ensign-group-conference-ahead-of-upcoming-imo-audit> Over fifty delegates from British territories and dependencies participated in the Red Ensign Group annual conference in the Falklands this week.

The Lloyd's List Podcast: Shipping infected by coronavirus. *Lloyd's List*. 7 February 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1130940/The-Lloyds-List-Podcast-Shipping-infected-by-coronavirus> Shipping seems to have initially underestimated quite how significant the impact of the coronavirus outbreak was going to be.

The Interview: Dr Aleka Sheppard. Davis Osler. *Lloyd's List*. 7 February 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1130936/The-Interview-Dr-Aleka-Sheppard> Dr Aleka Sheppard founded the London Shipping Law Centre in 1994, in what she now admits to be an outburst of naïve enthusiasm.

Ammonia's advantages detailed in new report. Sam Chambers. *Splash 247.com*. 7 February 2020. Available from: <https://splash247.com/ammonias-advantages-detailed-in-new-report/> A 33-page report from class society Korean Register (KR) has highlighted the advantages of ammonia as a ship fuel, the latest in a series of developments in recent months suggesting ammonia will play an important role in shipping's path to decarbonisation.

Greek shipowners back engine power limits for GHG reductions. David Glass. *Seatrade Maritime News*. 10 February 2020. Available from: <https://www.seatrade-maritime.com/regulation/greek-shipowners-back-engine-power-limits-ghg-reductions> Claiming the idea "has acquired a particular dynamic," Greek shipowners have formally backed the introduction of mandatory engine power limitations to reduce carbon emissions from shipping.

Interview: Stena Bulk working actively to reduce carbon footprint after IMO 2020 preparations.

Surabhi Sahu. *S&P Global Platts*. 10 February 2020. Available from:

<https://www.spglobal.com/platts/en/market-insights/latest-news/oil/021020-interview-stena-bulk-working-actively-to-reduce-carbon-footprint-after-imo-2020-preparations>

Stena Bulk is working actively to reduce its carbon footprint, having undertaken measures to comply with the International Maritime Organization's global sulfur limit rule for marine fuels, Lars Malmbratt, Stena Bulk's general manager for bunker procurement told S&P Global Platts.

Shipping is getting smashed by coronavirus in more ways than one. *Straits Times*.

10 February 2020. Available from: [https://www.straitstimes.com/business/companies-](https://www.straitstimes.com/business/companies-markets/shipping-is-getting-smashed-by-coronavirus-in-more-ways-than-one)

[markets/shipping-is-getting-smashed-by-coronavirus-in-more-ways-than-one](https://www.straitstimes.com/business/companies-markets/shipping-is-getting-smashed-by-coronavirus-in-more-ways-than-one) The shipping industry tends to do badly when Chinese demand disappoints, but the outbreak of the coronavirus has done more than just damage the amount of cargo that needs to be transported.

31 sailings cancelled due to coronavirus. Trine Vestergaard. *ShippingWatch*. 10 February 2020.

Available from: <https://shippingwatch.com/secure/carriers/article11931750.ece> A total of 31 sailings have been cancelled in a short time frame as a result of the coronavirus outbreak.

EU quota plans cause European shipowners to call for global strategy. Søren Pico.

ShippingWatch. 10 February 2020. Available from:

<https://shippingwatch.com/secure/carriers/article11932449.ece> Several shipowners' associations around Europe now criticize the EU's plans to add shipping to its quota scheme.

Shipping could raise ambition of 2030 climate target, study shows. Chloé Farand.

Climate Home News. 10 February 2020. Available from:

[https://www.climatechangenews.com/2020/02/11/shipping-raise-ambition-2030-climate-target-study-](https://www.climatechangenews.com/2020/02/11/shipping-raise-ambition-2030-climate-target-study-shows/)

[shows/](https://www.climatechangenews.com/2020/02/11/shipping-raise-ambition-2030-climate-target-study-shows/) International shipping could scale up goals for decarbonisation in coming years since the sector's climate target for 2030 was already three-quarters met when it was set two years ago, a study showed.

Limiting engine power to reduce CO2 from existing ships. Dan Rutherford, Xiaoli Mao,

Liudmila Osipova and Bryan Comer. *International Council on Clean Transportation (ICCT)*.

10 February 2020. Available from: [https://theicct.org/publications/limiting-engine-power-reduce-co2-](https://theicct.org/publications/limiting-engine-power-reduce-co2-existing-ships-2020)

[existing-ships-2020](https://theicct.org/publications/limiting-engine-power-reduce-co2-existing-ships-2020) As the International Maritime Organization works to reduce greenhouse gas emissions from international shipping, technical measures to limit engine power are among the ideas being considered to reduce carbon dioxide (CO₂) from the existing fleet.

[Limiting engine power to reduce CO₂ emissions from existing ships](#) 

Trade Challenges Ahead for the Shipping Industry. Nikos Roussanoglou. *Hellenic Shipping*

News. 11 February 2020. Available from: [https://www.hellenicshippingnews.com/trade-challenges-](https://www.hellenicshippingnews.com/trade-challenges-ahead-for-the-shipping-industry/)

[ahead-for-the-shipping-industry/](https://www.hellenicshippingnews.com/trade-challenges-ahead-for-the-shipping-industry/) Brexit, IMO 2020 and the Coronavirus are plaguing the shipping industry of late and ECSA (European Community Shipowners' Associations) is working round the clock in order to offer solutions to its members and advocate the industry's contribution towards the European economy.

Gulf Oil Marine says shipping needs 'Amazon approach' to cut emissions. Jamey Bergman.

Marine Propulsion & Auxiliary Machinery. 11 February 2020. Available from:

[https://www.rivieramm.com/news-content-hub/news-content-hub/gulf-oil-marine-says-shipping-](https://www.rivieramm.com/news-content-hub/news-content-hub/gulf-oil-marine-says-shipping-needs-lsquoamazon-approachsquo-to-cut-emissions-57935)

[needs-lsquoamazon-approachsquo-to-cut-emissions-57935](https://www.rivieramm.com/news-content-hub/news-content-hub/gulf-oil-marine-says-shipping-needs-lsquoamazon-approachsquo-to-cut-emissions-57935) Testing new lubricants ahead of IMO's cap on sulphur in fuels led Gulf Oil Marine into a partnership with marine technology firm Azurtane, and global technology manager Don Gregory sees the potential for technology to make an even bigger impact across the sector.

Shipping needs certainty. Malcolm Latache. *ShipInsight*. 12 February 2020. Available from: <https://shipinsight.com/articles/shipping-needs-certainty> There are very few industries that work to similar asset life spans than shipping where most ships are expected to work for 20-25 years and some specialist vessels such as LNG carriers and passenger ferries for much longer.

Japan hits back after greens rubbish its plan to cut emissions. Adam Corbett. *TradeWinds*. 12 February 2020. Available from: <https://www.tradewindsnews.com/regulation/japan-hits-back-after-greens-rubbish-its-plan-to-cut-emissions/2-1-754641> The Japanese government has defended its plan to reduce shipping's greenhouse gas emissions after it was attacked by a green lobby group.

2019 Was a Record Year for Alternative Bunker Fuels. *Ship & Bunker*. 12 February 2020. Available from: <https://shipandbunker.com/news/world/372763-2019-was-a-record-year-for-alternative-bunker-fuels> 2019 was a record year for interest in vessels using alternative bunker fuels and technologies, according to the latest data from DNV GL.

Demand for marine gasoil may be down but the fuel is not out. Max Tingyao. *TradeWinds*. 12 February 2020. Available from: <https://www.tradewindsnews.com/regulation/demand-for-marine-gasoil-may-be-down-but-the-fuel-is-not-out/2-1-751980> Entering the IMO 2020, demand for marine gasoil (MGO) has seriously underperformed market expectation.

Tackling the Illegal Bunker Market Using Data. *rise-x.io*. 12 February 2020. Available from: <https://rise-x.io/latestnewsblog/tackling-the-illegal-bunker-market-using-data> rise-x.io today announced that it is collaborating with DNV GL and the National University Singapore's (NUS) Department of Statistics and Applied Probability on a data science project to help tackle this issue.

Holth: Coronavirus impact on shipping is 'underestimated'. Michael Juliano. *TradeWinds*. 13 February 2020. Available from: <https://www.tradewindsnews.com/insight/holth-coronavirus-impact-on-shipping-is-underestimated/2-1-756145> The impact of coronavirus on shipping will be felt for quite some time, despite talk that the number of cases may be slowing down, the TradeWinds Shipowners Forum in New York heard Thursday.

Stranded tankers, full storage tanks: coronavirus leads to crude glut in China. Muyu Xu, Shu Zhang and Devika Krishna Kumar. *Reuters*. 13 February 2020. Available from: <https://uk.reuters.com/article/us-china-health-oil-storage/stranded-tankers-full-storage-tanks-coronavirus-leads-to-crude-glut-in-china-idUKKBN2072NR> The coronavirus's effect on energy markets is worsening, as the sharp fall in demand in China, the world's largest importer of crude, is stranding oil cargoes off the country's coast and prompting shippers to seek out other Asian destinations.

COVID-19 - the effect of this public health emergency on charterparty terms. Philip Woodroffe. *GARD*. 13 February 2020. Available from: <http://www.gard.no/web/updates/content/29184665/covid-19-the-effect-of-this-public-health-emergency-on-charterparty-terms> The COVID-19 (novel coronavirus 2019) outbreak is a headline news story. At the moment, 99% of all confirmed cases are in China but cases are being reported elsewhere in Asia and beyond.

Shipping in Peril From the Coronavirus Aftermath. Nikos Roussanoglou. *Hellenic Shipping News*. 14 February 2020. Available from: <https://www.hellenicshippingnews.com/shipping-in-peril-from-the-coronavirus-aftermath/> The shipping industry as a whole is in dire straits, as a result of the negative impact from the Coronavirus.

Cleaning up the cruise sector. *World Ocean Initiative (WOI)*. 17 February 2020. Available from: <https://www.woi.economist.com/cleaning-up-the-cruise-sector/> The cruise sector is the most visible part of the maritime industry, an intensely marketed leisure activity which is undergoing significant growth.

European Shipping Week 2020 opens with the latest figures on European shipping. *European Community Shipowners' Associations (ECSA)*. 17 February 2020. Available from: <https://www.ecsa.eu/news/european-shipping-week-2020-opens-latest-figures-european-shipping> According to the latest information from 2018, European shipping directly contributed €54 billion to the Gross Domestic Product (GDP) of the EU.

The Economic value of the EU shipping industry: 2020 update. *Oxford Economics*. 17 February 2020. Available from: <https://www.ecsa.eu/sites/default/files/publications/Oxford%20Economics%20-%20The%20Economic%20Value%20of%20EU%20Shipping%20-%20Update%202020.pdf> This slidepack presents updated estimates of the economic contribution of the EU shipping industry, as originally presented in Section 3 of Oxford Economics' 2014 study 'The economic value of the EU shipping industry' and Oxford Economics' 2015 study 'The economic value of the EU shipping industry – update'.

Illicit secondary bunker market emerging as carriage ban approaches. Sam Chambers. *Splash 247.com*. 18 February 2020. Available from: <https://splash247.com/illicit-secondary-bunker-market-holes-into-view-as-carriage-ban-approaches/> Law firm Ince Gordon Dadds is warning of rogue bunker operations escalating as the days tick down to the International Maritime Organisation's carriage ban rule, due to come into force in less than a fortnight.

Top shipowners ready to come clean on carbon reporting. Joe Brady and Matt Coyne. *TradeWinds*. 18 February 2020. Available from: <https://www.tradewindsnews.com/technology/top-shipowners-ready-to-come-clean-on-carbon-reporting/2-1-757064> Four of the largest US-listed shipowners are already reporting their carbon emissions in public filings or plan to do so in their next annual reports.

Shipping should shrug off coronavirus but escalation risks supply chain contagion. Adam Kent. *Splash 247.com*. 18 February 2020. Available from: <https://splash247.com/shipping-should-shrug-off-coronavirus-but-escalation-risks-supply-chain-contagion/> The impact of the coronavirus on the Chinese economy has already been severe and the scenarios for shipping range from a quick resolution to a long drawn out impact.

The twelve lives of the *MV Astoria*: World's oldest cruise ship to make final sailing. *New Zealand Herald*. 18 February 2020. Available from: https://www.nzherald.co.nz/travel/news/article.cfm?c_id=7&objectid=12309483 In her 72 years since sailing out of the Swedish dockyards in Gothenburg, she has survived some remarkable things. Originally called the MS Stockholm, she has changed names no fewer than eleven times.

POSITION PAPER: A Green Deal for the European shipping industry. *European Community Shipowners' Associations (ECSA)*. 18 February 2020. Available from: <https://www.ecsa.eu/sites/default/files/publications/2020%20ECSA%20Position%20Paper%20-%20A%20Green%20Deal%20for%20the%20European%20shipping%20industry.pdf> The shipping industry is fully committed to eradicating its GHG emissions completely, in line with the ambitious targets agreed for the sector by its global regulator, the UN International Maritime Organisation (IMO) as part of the initial IMO GHG strategy agreed in 2018, and consistent with the 1.5 degree UNFCCC climate change goal.

Discussing social matters with social partners - Day Two of the European Shipping Week.

European Community Shipowners' Associations (ECSA). 18 February 2020. Available from: <https://www.ecsa.eu/news/discussing-social-matters-social-partners-day-two-european-shipping-week> The second day of the European Shipping week was filled with contributions by the European social partners for maritime transport – the European Transport Workers' Federation (ETF) and the European Community Shipowners' Associations (ECSA).

Climate change: Fertiliser could be used to power ocean-going ships. Roger Harrabin.

BBC News. 19 February 2020. Available from: <https://www.bbc.co.uk/news/business-51548361> Ocean-going ships could be powered by ammonia within the decade as the shipping industry takes action to curb carbon emissions.

Ammonia: zero-carbon fertiliser, fuel and energy store. *Royal Society* 19 February 2020.

Available from: <https://royalsociety.org/topics-policy/projects/low-carbon-energy-programme/green-ammonia/> This policy briefing considers the opportunities and challenges associated with the manufacture and future use of zero-carbon or green ammonia.
[Options for producing low-carbon hydrogen at scale - Policy briefing](#)

Coronavirus supply chain headaches spread as more than one in two Asia – North Europe sailings are cancelled. Sam Chambers. *Splash 247.com*. 19 February 2020. Available from:

<https://splash247.com/coronavirus-supply-chain-headaches-spread-as-more-than-one-in-two-asia-north-europe-sailings-are-cancelled/> More than one in two carrier departures from Asia to North Europe are being cancelled in the wake of the coronavirus that has hammered China, the world's manufacturing centre, very hard since the start of the year.

Maritime job postings see biggest increase in Norway in 2019. Christian Carlsen.

ShippingWatch. 19 February 2020. Available from: <https://shippingwatch.com/secure/Offshore/article11951737.ece> Maritime businesses in Norway are now really starting to hire again following the crisis in 2014.

Shipping lines, ports count cost as coronavirus hits supply chains. Jonathan Saul. *Reuters*.

19 February 2020. Available from: <https://uk.reuters.com/article/us-china-health-shipping/shipping-lines-ports-count-cost-as-coronavirus-hits-supply-chains-idUKKBN20E2GN> China is struggling to resume normal trade operations as fallout from the coronavirus outbreak hits container shipping lines and logistics chains, with goods stuck and costs mounting, industry officials say.

The All About Shipping 100 women in Shipping for 2019. *All About Shipping*. 19 February 2020.

Available from: <http://www.allaboutshipping.co.uk/2020/02/19/the-www-allaboutshipping-co-uk-top-100-women-in-shipping-for-2019/> 2019 was the year devoted to Women in the Shipping Industry: "Empowering Women in the Maritime Community" was IMO's theme for World Maritime Day 2019.

Wide support in European Parliament for CO2 quotas on shipping. Katrine Grønvald Raun.

ShippingWatch. 20 February 2020. Available from: <https://shippingwatch.com/secure/regulation/article11954099.ece> The European Parliament's environmental committee is predominantly positive about including the shipping industry under the EU's CO2 quota scheme.

Railway protests backing up cargo ships off the Southern Gulf Islands. Sarah Reid.

CTV News (Canada). 20 February 2020. Available from: <https://vancouverisland.ctvnews.ca/railway-protests-backing-up-cargo-ships-off-the-southern-gulf-islands-1.4821372> The ongoing railway protests happening across the country are having a significant impact on Vancouver Island.

Shipping industry faces \$370 million hit from new Panama Canal charge. Jonathan Saul. *Reuters*. 20 February 2020. Available from: <https://reut.rs/2uSpFnT> A new “freshwater” charge introduced this month to help the Panama Canal cope with climate change will cost the shipping industry up to \$370 million a year, marking another blow for maritime companies already hit by fallout from the coronavirus outbreak.

Ratification of HNS Convention is a matter of urgency. *European Community Shipowners' Associations (ECSA)*. 20 February 2020. Available from: <https://www.ecsa.eu/index.php/news/ratification-hns-convention-matter-urgency> During the European Shipping Week 2020, shipowners organised an event as part of their ratification campaign of the 2010 International Convention on Liability and Compensation for Damage in connection with the Carriage of Hazardous and Noxious Substances by Sea (HNS Convention).

Coronavirus could pose threat to cruise ship credit ratings. Kate Duguid. *Reuters*. 20 February 2020. Available from: <https://uk.reuters.com/article/china-health-cruiseship-ratings/coronavirus-could-pose-threat-to-cruise-ship-credit-ratings-idUKL1N2AJ1QG> The impact on cruise companies' earnings from cancelled trips, steep discounts and ships quarantined over coronavirus concerns could pose credit risks, said credit ratings agencies Moody's Investors Service and S&P Global Ratings.

Shipowners call on EU to support new CO2 fund. Katrine Grønvald Raun. *ShippingWatch*. 20 February 2020. Available from: <https://shippingwatch.com/secure/regulation/article11955020.ece> It is crucial that EU member states support the proposal for a new billion-dollar fund in late March when it will be debated at the IMO, says President & CEO of the World Shipping Council.

'You cannot create an environmental paradise on an economic graveyard': Ioanna Procopiou. Sam Chambers. *Splash 247.com*. 21 February 2020. Available from: <https://splash247.com/you-cannot-create-an-environmental-paradise-on-an-economic-graveyard-ioanna-procopiou/> Once again regulators were on the receiving end of an earful at a shipping conference yesterday with shipowners increasingly irate at their inability to be able to order new ships for fear they'll be obsolete with environmental rules chopping and changing.

Former IMO Emissions Chief Sees Little Evidence for VLSFO Black Carbon Criticism. *Ship & Bunker*. 21 February 2020. Available from: <https://shipandbunker.com/news/world/841746-former-imo-emissions-chief-sees-little-evidence-for-vlsfo-black-carbon-criticism> Edmund Hughes, up to this month the International Maritime Organization (IMO) head of air pollution and energy efficiency, has waded into the debate over the black carbon emissions of the new very low sulphur fuel oil (VLSFO) blends.

Japan's engine power limitation plans gain widespread support ahead of MEPC. Sam Chambers. *Splash 247.com*. 21 February 2020. Available from: <https://splash247.com/japans-engine-power-limitation-plans-gain-widespread-support-ahead-of-mepc/> A host of shipping's most powerful states and associations have come round to support Japan's controversial ship power limiting proposals as the best bet for the industry to enact short-term emissions cutting commitments, with the IMO set to debate the topic in the next month.

Shipping struggles with exposure to coronavirus. Cichen Shen. *Lloyd's List*. 21 February 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1131234/Shipping-struggles-with-exposure-to-coronavirus> The new coronavirus is convulsing every segment of the shipping industry, including container shipping, dry bulk, tanker, port, shipbuilding and banking.

Global shipping holds its breath as the coronavirus continues to spread. Paul Sand. *Hellenic Shipping News*. 22 February 2020. Available from: <https://www.hellenicshippingnews.com/global-shipping-holds-its-breath-as-the-coronavirus-continues-to-spread/> The outbreak of the novel coronavirus, recently dubbed COVID-19, continues to generate massive economic and financial uncertainty when it comes to China and global shipping.

EU committed to introducing CO2 quotas on shipping. Katrine Grønvald Raun and Mette Mandrup. *ShippingWatch*. 24 February 2020. Available from: <https://shippingwatch.com/secure/regulation/article11961422.ece> CO2 quotas must be imposed on shipping, and the proposal will be introduced in a few months, says top official.

Are Market Based Measures the most feasible way to limit GHG emissions now?

Yasiru Ranaraja. *Seatrade Maritime News*. 24 February 2020. Available from: <https://bit.ly/2TnbjFx> LNG is basically playing with methane and won't limit CO2 emissions, open loop scrubbers double the pollution problem with food chain and under water marine life, low-sulphur fuel is limiting sulphur emissions yet won't address black carbon emissions.

Shipping's new dawn — it's early days yet. Paul Berrill. *TradeWinds*. 24 February 2020.

Available from: <https://www.tradewindsnews.com/twplus/shipping-s-new-dawn-it-s-early-days-yet/2-1-746482> The IMO 2020 changeover was not the immediate disaster some had predicted, but the jury is out on potential longer-term problems, and it could still prove to have been a wrong turning.

Cash and carry : Will shippers pay the price for carriers to go green? Paul Berrill. *TradeWinds*. 24 February 2020. Available from: <https://www.tradewindsnews.com/twplus/cash-and-carry-will-shippers-pay-the-price-for-carriers-to-go-green-/2-1-750189> Big box carriers are grasping at green initiatives as they ramp up the battle to win business from shippers and forwarders with an environmental conscience.

Disagreements over approach to decarbonisation persist. Anastassios Adamopoulos.

Lloyd's List. 24 February 2020. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1131133/Disagreements-over-approach-to-decarbonisation-persist> Shipping's long-term shift away from fossil bunker fuels may be a foregone conclusion, but within the industry there remain different visions of how easy that will be and who will be the driving forces behind it.

The Poseidon Principles – Part 1 - Overview Marie-Anne Moussalli and Ioanna Tsekoura. *Clyde & Co LLP*. 24 February 2020. Available from: <https://www.clydeco.com/insight/article/the-poseidon-principles-part-1-overview> In April 2018, the International Maritime Organisation (the "IMO"), took the unprecedented step of committing the shipping industry to a long-term strategy to reduce greenhouse gas emissions from international shipping, and to phase them out as soon as possible this century.

Zero-emission shipping: What's in it for developing countries? Dominik Englert and Andrew Losos. *World Bank*. 24 February 2020. Available from: <https://blogs.worldbank.org/transport/zero-emission-shipping-whats-it-developing-countries> Currently, ships contribute about 2-3% of all global greenhouse (GHG) emissions—more than Germany's entire annual emissions and thus making shipping the 6th largest emitter worldwide.

Could some VLSFO fuels be banned? Nikos Roussanoglou. *Hellenic Shipping News*.

24 February 2020. Available from: <https://www.hellenicshippingnews.com/could-some-vlsfo-fuels-be-banned/> Debate has risen lately that the new VLSFO used by ships contained high levels of aromatic compounds, causing a surge in black carbon emissions.

What suits cruising may not suit cargo. Malcolm Latache. *ShipInsight*. 25 February 2020.

Available from: <https://shipinsight.com/articles/what-suits-cruising-may-not-suit-cargo> There is no doubt that the idea of Just in Time (JIT) sailing can be attractive to some combinations of ports and ship operators but for the majority of cargo ships operating around the globe it is – under present circumstances – not a viable proposition.

BIMCO, ICS, INTERCARGO and INTERTANKO launch survey to identify fuel oil issues.

Christian Baekmark Schiolborg. *BIMCO*. 25 February 2020. Available from:

<https://www.bimco.org/news/priority-news/20200225-survey-to-identify-fuel-oil-issues> The IMO 2020 global sulphur limit for marine fuel oil has now been in force for over one month. BIMCO, ICS, INTERCARGO and INTERTANKO are calling on fleet- and vessel managers, as well as technical superintendents, to share their insight and experiences with the new IMO 2020 compliant fuels.

The Getting to Zero Coalition identifies four focus areas to advance roadmap on shipping's decarbonization. *Global Maritime Forum*. 25 February 2020. Available from:

<https://www.globalmaritimeforum.org/press/the-getting-to-zero-coalition-identifies-four-focus-areas-to-advance-roadmap-on-shippings-decarbonization> Commercially viable zero emission vessels need to operate along deep sea trade routes by 2030 to meet decarbonization targets.

Oman Shipping to invest in LNG-powered vessels. Conrad Prabhu. *Oman Daily Observer*.

25 February 2020. Available from: <https://www.omanobserver.om/oman-shipping-to-invest-in-lng-powered-vessels/> Wholly Omani government-owned Oman Shipping Company (OSC) has pledged to switch to clean burning Liquefied Natural Gas (LNG) as the principal fuel source for powering its fleet of vessels in place of marine bunker fuel — a commodity long associated with global warming and harmful environmental emissions.

Brexit will not unduly affect Cyprus shipping, minister says. Annette Chrysostomou.

Cyprus Mail. 25 February 2020. Available from: <https://cyprus-mail.com/2020/02/25/brexit-will-not-unduly-affect-cyprus-shipping-minister-says/> Brexit will not unduly affect Cypriot shipping, deputy minister of shipping Natasa Pilides said on Tuesday at the opening of the 4th Annual Capital Link Cyprus Shipping Forum in Limassol.

German maritime shipping sector reports “cautiously optimistic” outlook. *German Shipowners' Association*.

25 February 2020. Available from: <https://www.reederverband.de/en/press/press-release/artikel/german-maritime-shipping-sector-reports-cautiously-optimistic-outlook.html> Today the German Shipowners' Association (Verband Deutscher Reeder – VDR) released new figures on the situation of the German maritime shipping sector.

StartUps in the maritime economy: friend or foe? *MundoMaritimo*. 25 February 2020.

Available from: <https://mundomaritimo.net/noticias/startups-in-the-maritime-economy-friend-or-foe> The concept of 'start-up' companies is no stranger in the current economy, but it is a relative newcomer for the maritime industry.

Coronavirus creates record amount of idled tonnage. Sam Chambers. *Splash 247.com*.

26 February 2020. Available from: <https://splash247.com/coronavirus-creates-record-amount-of-idled-tonnage/> The coronavirus has set a new record for the amount of inactive container tonnage around the world, smashing the huge volumes of idled boxships seen at anchorages in the wake of the global financial crisis or in the months after the collapse of Hanjin Shipping in 2016.

Small island states point out flaws in shipping's \$5bn R&D fund proposal.

Anastassios Adamopoulos. *Lloyd's List*. 27 February 2020. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1131235/Small-island-states-point-out-flaws-in-shippings-5bn-RD-fund-proposal> Vanuatu objects to the proposed way in which fees would be collected, saying there is already a practical blueprint in use that could be adopted for this new R&D levy.

Singapore Maritime Week cancelled as coronavirus outbreak hits shipping events.

Dale Wainwright and Eric Martin. *TradeWinds*. 28 February 2020. Available from:

<https://www.tradewindsnews.com/insight/singapore-maritime-week-cancelled-as-coronavirus-outbreak-hits-shipping-events/2-1-764482> Singapore's showcase annual maritime event has been postponed, making it the latest international gathering to fall victim to the coronavirus as it verges on becoming a global pandemic.

Coronavirus' worst-case scenario looks very severe for shipping. Tomas Kristiansen.

ShippingWatch. 28 February 2020. Available from:

<https://shippingwatch.com/secure/carriers/Container/article11971761.ece> Consultancy firm Drewry outlines three possible scenarios for how the coronavirus could develop and impact global trade, and thus the container sector.

Shipping's Smaller Operators Are Most Susceptible to the Coronavirus Financial Impact.

Hellenic Shipping News. 28 February 2020. Available from:

<https://www.hellenicshippingnews.com/shippings-smaller-operators-are-most-susceptible-to-the-coronavirus-financial-impact/> This was supposed to be a year of recovery for the world's oceangoing shipping companies, with trading peace in major markets providing a new period of stability for cargo carriers.

RESEARCH

Nguyen TH, Tang FHM, et al. Sinking of microbial-associated microplastics in natural waters.

PLOS ONE. 3 February 2020. Available from: <https://doi.org/10.1371/journal.pone.0228209>

Degraded plastic debris has been found in nearly all waters within and nearby urban developments as well as in the open oceans.

Redfern JV, Becker EA, et al. Effects of Variability in Ship Traffic and Whale Distributions on the Risk of Ships Striking Whales. *Frontiers in Marine Science*. 6 February 2020. Available from:

<https://www.frontiersin.org/article/10.3389/fmars.2019.00793> Assessments of ship-strike risk for large whales typically use a single year of ship traffic data and averaged predictions of species distributions.

Berenshtein I, Paris CB, et al. Invisible oil beyond the Deepwater Horizon satellite footprint.

Science Advances. 12 February 2020. Available from:

<https://advances.sciencemag.org/content/advances/6/7/eaaw8863.full.pdf> Major oil spills are catastrophic events that immensely affect the environment and society, yet determining their spatial extent is a highly complex task.

Ewell C, Hocevar J, et al. An evaluation of Regional Fisheries Management Organization at-sea compliance monitoring and observer programs. *Marine Policy*. 17 February 2020. Available from:

<http://www.sciencedirect.com/science/article/pii/S0308597X19305913> Independent onboard monitoring of fishing activities is important in an era of marine animal overexploitation and declining fish populations.

Rees SE, Sheehan EV, et al. **Emerging themes to support ambitious UK marine biodiversity conservation.** *Marine Policy*. 20 February 2020. Available from: <http://www.sciencedirect.com/science/article/pii/S0308597X1930199X> Healthy marine ecosystems provide a wide range of resources and services that support life on Earth and contribute to human wellbeing.

Jones KR, Klein CJ, et al. **Area Requirements to Safeguard Earth's Marine Species.** *One Earth*. 21 February 2020. Available from: <https://doi.org/10.1016/j.oneear.2020.01.010> Despite global policy commitments to preserve Earth's marine biodiversity, many species are in a state of decline. Using data on 22,885 marine species, we identify 8.5 million km² of priority areas that complement existing areas of conservation and biodiversity importance.
