



WORLD MARITIME DAY 2019
**EMPOWERING WOMEN
IN THE MARITIME COMMUNITY**

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE (MKC)

“Sharing Maritime Knowledge”

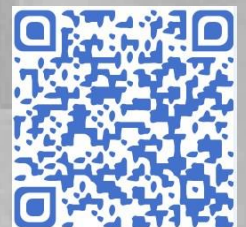
CURRENT AWARENESS BULLETIN

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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

IMO Assembly elects new 40-Member Council

The Assembly of the International Maritime Organization has elected the following States to be Members of its Council for the 2020-2021 biennium:

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

China, Greece, Italy, Japan, Norway, Panama, Republic of Korea, Russian Federation, United Kingdom, United States.

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

Argentina, Australia, Brazil, Canada, France, Germany, India, the Netherlands, Spain and the United Arab Emirates. [More...](#)

IMO Secretary-General opens 31st Assembly with a call for concrete action

The Secretary-General of the International Maritime Organization (IMO), Mr. Kitack Lim, has opened the Organization's 31st Assembly session, calling for concrete action to address climate change and other challenges.

"In so many areas, we are now at a crossroads. In the next biennium, IMO will need to deliver tangible and concrete action – to ensure our strategies, plans and roadmaps are achieved. I am confident that, together, we can succeed," Mr. Lim said. [More...](#)

Preparations intensify as 1 January 2020 global cut in sulphur in ship's fuel oil looms

"IMO 2020" requirements for ships to cut sulphur oxide emissions enter into effect in just over one month's time. This will significantly reduce air pollution from ships with positive benefits for human health and the environment.

The new requirement means that the global limit for sulphur in fuel oil used on board ships will be reduced to 0.50% m/m (mass by mass). Within designated emission control areas (ECAs), the limit will remain at 0.10%. The new limit will be mandatory, under a regulation in Annex VI of IMO's MARPOL convention for the prevention of pollution from ships. [More...](#)

IMO MEETINGS FOR 2019

Council Extraordinary Session, 30th session, 21-22 November 2019

IMO Assembly, 31st session, 25 November-4 December 2019

LATEST PRESS BRIEFINGS

[India accession brings ship recycling convention a step closer to entry into force](#)

Briefing: 31, November 28, 2019

[International Maritime Prize for 2018 presented to Mr. Joseph J. Angelo \(United States\)](#)

Briefing: 30, November 26, 2019

[American rescuer who saved four recognized with IMO bravery accolade](#)

Briefing: 29, November 26, 2019

[IMO pushes forward with work to meet ship emission reduction targets](#)

Briefing: 26, November 15, 2019

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Assembly 31st session, 25 November-4 December 2019 ([Opening](#) address)

[World Maritime University Graduation 2019](#), Malmö, Sweden, 3 November 2019

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

IMO PUBLISHING

[Just Published 2019](#)

[November 2019 Newsletter](#)

UNITED NATIONS

UN Climate Change Statement on COP25. *United Nations Framework Convention on Climate Change (UNFCCC)*. 30 October 2019. Available from: <https://unfccc.int/news/un-climate-change-statement-on-cop25> Earlier today, I was informed of the decision by the Government of Chile not to host COP25 in view of the difficult situation that the country is undergoing.

Climate experts pledge to scale up high-altitude fight against mountain melt. *UN News*. 31 October 2019. Available from: <https://news.un.org/en/story/2019/10/1050361> In a call for action at the end of this week's High Mountain Summit to tackle the global warming causing glaciers to retreat, along with snow fields, permafrost and associated ecosystems - collectively called the cryosphere - the World Meteorological Organisation and partners announced they would step up commitments on the issue of water security and natural disasters linked to melting ice in mountain regions.

Microplastics, microbeads and single-use plastics poisoning sea life and affecting humans. *UN News*. 4 November 2019. Available from: <https://news.un.org/en/story/2019/11/1050511> Each year, an estimated eight million tonnes of plastic end up in the ocean – equivalent to a full garbage truck dumped into the sea every minute - the United Nations Environment Programme (UNEP) said on Monday.

New #CleanSeas augmented reality experience merges the real world and the virtual. *United Nations Environment Programme (UNEP)*. 4 November 2019. Available from: <https://www.unenvironment.org/news-and-stories/story/new-cleanseas-augmented-reality-experience-merges-real-world-and-virtual> A new Clean Seas augmented reality experience created by Singapore creative technology studio MeshMinds now allows audiences to immerse themselves in the challenge of tackling the marine litter problem.

Multilateralism must weather 'challenges of today and tomorrow' Guterres tells Paris Peace Forum. *UN News*. 11 November 2019. Available from: <https://news.un.org/en/story/2019/11/1051081> In a speech to the Paris Peace Forum in Paris on Monday, UN Secretary-General António Guterres said that to thrive, multilateralism had to adapt, mindful that "conflicts persist, creating suffering and displacement: our world is unsettled".

Revised draft text of an agreement under the United Nations Convention on the Law of the Sea on the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction. *United Nations*. 27 November 2019. Available from: <https://www.un.org/bbnj/content/fourth-substantive-session> The Intergovernmental Conference on an 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 is being convened pursuant to General Assembly resolution 72/249 ... [Advance, unedited version – English only](#) [Document indicating the changes which were introduced to the draft text of an agreement contained in document A/CONF.232/2019/6](#)

COP25: UN climate change conference, 5 things you need to know. *UN News*. 29 November 2019. Available from: <https://news.un.org/en/story/2019/11/1052251> Climate change is happening—the world is already 1.1°C warmer than it was at the onset of the industrial revolution, and it is already having a significant impact on the world, and on people's lives.

CASUALTIES


Three killed in explosion on Russian tanker. Gary Dixon. *TradeWinds*. 4 November 2019. Available from: <https://www.tradewindsnews.com/casualties/three-killed-in-explosion-on-russian-tanker/2-1-699732> The chief officer and two colleagues were thrown into the sea by the blast on the 3,300-dwt *Zaliv Amerika* (built 1989) at Nakhodka on Saturday, Russian media reported.



Livestock Carrier Hit by Engine Issue off Portugal. *World Maritime News*. 4 November 2019. Available from: <https://worldmaritimeneeds.com/archives/285838/livestock-carrier-hit-by-engine-issue-off-portugal/> A Sierra Leone-flagged livestock carrier recently experienced an engine issue off the Portuguese coast, the Government of Portugal said in a statement.

Prosecution to launch special probe into Sewol ferry sinking. *Yonhap News Agency (South Korea)*. 6 November 2019. Available from: <https://m-en.yna.co.kr/view/AEN20191106007400315> South Korea's state prosecution on Wednesday announced plans to establish a special unit to investigate the 2014 *Sewol* ferry sinking, one of the country's worst maritime disasters that killed more than 300.

All 18 crew safe after fire on Japanese-owned tanker off Singapore. Marcus Hand. *Seatrade Maritime News*. 7 November 2019. Available from: <https://www.seatrade-maritime.com/ship-operations/all-18-crew-safe-after-fire-japanese-owned-tanker-singapore> The 8,925 dwt chemical/products tanker, owned by Hoshu Shipping, was around 9.7nm from Pedra Branca at 13-10hrs local time when a fire broke out on the vessel, according to the Maritime & Port Authority of Singapore.

Moby ferry runs aground off Stockholm after power failure. Dale Wainwright. *TradeWinds*. 7 November 2019. Available from: <https://www.tradewindsnews.com/casualties/moby-ferry-runs-aground-off-stockholm-after-power-failure/2-1-702162> The incident involved Moby SPL's 37,600-gt *Princess Anastasia* (built 1986) which was said to be carrying around 1,000 passengers at the time of the incident.

Annual Overview of Marine Casualties and Incidents 2019. *European Maritime Safety Agency (EMSA)*. 7 November 2019. Available from: <http://emsa.europa.eu/emsa-documents/latest/item/3734-annual-overview-of-marine-casualties-and-incidents-2019.html> The Annual Overview of Marine Casualties and Incidents consists in a high-level analysis of accidents reported by the EU Member States in European Marine Casualty Information Platform (EMCIP). [Annual Review](#) 

Part one report on the collision on 8 November 2018 between the frigate *HNoMS Helge Ingstad* and the oil tanker *Sola TS* outside the Sture Terminal in the Hjeltefjord in Hordaland county. *Accident Investigation Board Norway (AIBN)*. 8 November 2019. Available from: <https://www.aibn.no/Marine/Published-reports/2019-08-eng>  The AIBN's investigation has shown that the situation in the Hjeltefjord was made possible by a number of operational, technical, organisational and systemic factors. [Summary Report](#) 

Shipmanagers predict surge in fatalities in run-up to IMO 2020. Ian Lewis. *TradeWinds*. 11 November 2019. Available from: <https://www.tradewindsnews.com/business-focus/shipmanagers-predict-surge-in-fatalities-in-run-up-to-imo-2020/2-1-698603> Shipmanagers are warning there could be a surge in fatalities in the coming weeks, as crews are deployed to prepare vessels for the 1 January IMO 2020 deadline.

Alcohol Leads to Fatal Fall aboard Cargo Ship, Transport Malta Says. *World Maritime News*. 13 November 2019. Available from: <https://worldmaritimeneews.com/archives/286343/alcohol-leads-to-fatal-fall-aboard-cargo-ship-transport-malta-says/> A high level of alcohol may have led to the fatal fall of the second engineer onboard the general cargo ship *MV Khosrov Bey* while underway in November 2018, according to a report by Transport Malta's Marine Safety Investigation Unit.

Safety Investigation Report No. 20/2019: MV Khosrov Bey Fatal fall down in the engine-room. *Government of Malta*. November 2019. Available from: https://mtip.gov.mt/en/msiu/Documents/MV%20KHOSROV%20BEY_Final%20Safety%20Investigation%20Report.pdf At noon time on 03 November, the chief engineer, the third engineer, the electrical engineer, and one motorman were all in the engine control room.

Bulk carrier grounding highlighted gaps in port risk assessment. *Australian Transport Safety Bureau (ATSB)*. 14 November 2019. Available from: <https://www.atsb.gov.au/media/news-items/2019/bulk-carrier-grounding/> On 6 November 2017, the fully laden dry bulk carrier *Orient Centaur* was transiting the South Channel out of the Port of Weipa, Queensland, under the conduct of harbour pilots as part of a trial introduction of mini cape-size vessels to the port. [Grounding of bulk carrier *Orient Centaur* at Weipa, Queensland on 6 November 2017 Investigation Report](#)

Collisions lead to Singapore arrests. Jonathan Boonzaier. *TradeWinds*. 19 November 2019. Available from: <https://www.tradewindsnews.com/law/collisions-lead-to-singapore-arrests/2-1-708909> Collision claims filed with the High Court of Singapore have led to the arrest of two ships in the city-state's port.

One Korean dead, two Russians rescued in ship accident. *Yonhap News Agency (South Korea)*. 25 November 2019. Available from: <https://en.yna.co.kr/view/AEN20191125003800315> A South Korean seaweed farmer was found dead on a small capsized boat in waters off the southwestern coast Monday, while his two Russian colleagues were rescued after hours of drifting in freezing weather, maritime police said.

Live Animal Export: Queen Hind survivors condemned to a slow, cruel death. Lynn Simpson. *Splash 247.com*. 26 November 2019. Available from: <https://splash247.com/live-animal-export-queen-hind-survivors-condemned-to-a-slow-cruel-death/> Video released yesterday show possibly hundreds of sheep alive and trapped on the top deck with at least one sheep falling out and trying to swim back to the ship.

Live Animal Export: Rescue of survivors restarted three days after ship capsizes. Lynn Simpson. *Splash 247.com*. 27 November 2019. Available from: <https://splash247.com/live-animal-export-rescue-of-survivors-restarted-three-days-after-ship-capsizes/> Last night footage was released of the surviving trapped sheep inside the capsized *Queen Hind*.

Crew saved after Jutha Maritime cargoship capsizes. Gary Dixon. *TradeWinds*. 28 November 2019. Available from: <https://www.tradewindsnews.com/casualties/crew-saved-after-jutha-maritime-cargoship-capsizes/2-1-714764> All 18 crew have been rescued after a *Jutha Maritime* cargoship capsized after taking on water off Vietnam.

ENVIRONMENT

Low-Lying Pacific Islands Sue Over Climate Change. Tim Stephens. *Maritime Executive*. 30 October 2019. Available from: <https://maritime-executive.com/editorials/low-lying-pacific-islands-sue-over-climate-change> There has been a surge in climate litigation in national courts over the past few years, especially in the United States.

Scientists foresee 'untold suffering', another climate record falls. *France 24*. 5 November 2019. Available from: <https://www.france24.com/en/20191105-scientists-foresee-untold-suffering-another-climate-record-falls> More than 11,000 scientists warned Tuesday of "untold suffering" due to global warming, even as another team said Paris carbon-cutting pledges are "too little, too late".

World Bank Launches NOK 2.5 Billion 5-year Sustainable Development Bond to Raise Awareness for Water and Ocean Resources. *World Bank*. 6 November 2019. Available from: <https://bit.ly/345JaEO> The World Bank (International Bank for Reconstruction and Development or IBRD, Aaa/AAA) launched its first Sustainable Development Bond in Norwegian krona to raise awareness for water and ocean resources.

Sailing to promote Clean Seas. *United Nations Environment Programme (UNEP)*. 13 November 2019. Available from: <https://www.unenvironment.org/news-and-stories/story/sailing-promote-clean-seas> The voyage, which runs from September to January 2020, commenced from Carthage, Tunisia with the Americas as its final destination.

Experts to discuss Blue Economy, Climate Change and Environmental Sustainability. *United Nations Economic and Social Commission for Africa (ECA)*. 14 November 2019. Available from: <https://www.uneca.org/stories/experts-discuss-blue-economy-climate-change-and-environmental-sustainability> The Economic Commission for Africa (ECA) will, in collaboration with the Government of Namibia, through the Ministry of Fisheries and Marine Resources, convene a high-level policy dialogue on the "The Blue Economy, Climate Change and Environmental Sustainability" from the 18 – 19 November 2019 in Windhoek, Namibia.

Climate Change Is Coming for Global Trade. Joseph Curtin. *Foreign Policy*. 16 November 2019. Available from: <https://foreignpolicy.com/2019/11/16/climate-change-disrupt-global-container-shipping-trade-policymakers-take-note/> After the cold fall winds swirling around Hurricane Sandy pushed an enormous storm surge toward the New York and New Jersey coastlines several years ago, the ensuing damage left an indelible imprint on the public imagination.

Sustainable fishing staying afloat in developed world, sinking in poorer regions. *UN News*. 18 November 2019. Available from: <https://news.un.org/en/story/2019/11/1051641> More people than ever rely on fisheries and aquaculture for food, and income, but the seafood industry is facing a "dangerous" sustainability divide when comparing trends in the developed world versus those in poorer regions, the Food and Agriculture Organization (FAO) revealed on Monday.

Counting carbon: CO2 monitoring in a changing climate. Jeremy Wilks. *Euronews*. 18 November 2019. Available from: <https://www.euronews.com/2019/11/18/counting-carbon-co2-monitoring-in-a-changing-climate> We investigate one of the hottest topics in climate change in this episode of Climate Now, looking at how scientists are working to track emissions and differentiate between sources of CO2, be they human or natural.

Ocean could be key to future food security. *High Level Panel for a Sustainable Ocean Economy (HLP)*. 19 November 2019. Available from: <https://oceanpanel.org/ocean-could-be-key-future-food-security> A new scientific paper(1) written for the High Level Panel a Sustainable Ocean Economy(2) finds that, with better management and technological innovation, the ocean could provide over six times more food than it does today - more than two thirds(3) of the animal protein that will be needed to feed the future global population, according to estimates from the Food and Agriculture Organization of the United Nations (FAO). [The Future of Food from the Sea](#) 📄

EU survey: increase in alien species in marine protected areas off Cyprus. *In-Cyprus*. 23 November 2019. Available from: <https://in-cyprus.com/eu-survey-increase-in-alien-species-in-marine-protected-areas-off-cyprus/> A two year EU-funded survey in two Natura 2000 marine protected areas off the coast of Cyprus — the EU Member State closest to the Suez canal — found a steady increase in the alien-to-native ratio from the beginning of the survey period to the end.

Greenhouse gas concentrations in atmosphere reach yet another high. *World Meteorological Organization (WMO)*. 25 November 2019. Available from: <https://public.wmo.int/en/media/press-release/greenhouse-gas-concentrations-atmosphere-reach-yet-another-high> Levels of heat-trapping greenhouse gases in the atmosphere have reached another new record high, according to the World Meteorological Organization. [WMO Greenhouse Gas Bulletin](#) 📄

How melting ice in Antarctica affects Indonesia. IPCC scientist explains. Intan Suci Nurhati. *The Conversation*. 25 November 2019. Available from: <https://theconversation.com/how-melting-ice-in-antarctica-affects-indonesia-ipcc-scientist-explains-126618> Scientists, politicians and people of Iceland recently placed a plaque mourning the loss of Okjokull glacier.


Greenhouse Gas Emissions Show No Signs Of Peaking, U.N. Report Says. *National Public Radio (US)*. 26 November 2019. Available from: <https://www.npr.org/2019/11/26/782867280/greenhouse-gas-emissions-show-no-signs-of-peaking-u-n-report-says> 📄 The U.N. Environment Program has released its annual Emissions Gap Report. NPR's Rachel Martin talks to international climate policy expert Elliot Diringer about the findings.

Cut global emissions by 7.6 percent every year for next decade to meet 1.5°C Paris target - UN report. *United Nations Environment Programme (UNEP)*. 26 November 2019. Available from: <https://www.unenvironment.org/news-and-stories/press-release/cut-global-emissions-76-percent-every-year-next-decade-meet-15degc> On the eve of a year in which nations are due to strengthen their Paris climate pledges, a new UN Environment Programme (UNEP) report warns that unless global greenhouse gas emissions fall by 7.6 per cent each year between 2020 and 2030, the world will miss the opportunity to get on track towards the 1.5°C temperature goal of the Paris Agreement. [Emissions Gap Report 2019](#)

Robots Deliver Coral Larvae to Damaged Great Barrier Reef. *Maritime Executive*. 27 November 2019. Available from: <https://www.maritime-executive.com/article/robots-deliver-coral-larvae-to-damaged-great-barrier-reef> 📄 Researchers from Queensland in Australia are restoring coral larvae on damaged areas of the Great Barrier Reef using large inflatable coral nurseries and a robotic LarvalBoat to help disperse them back onto the reef.

COP25: Nations under pressure to finalize UN carbon trading rules. Alessandro Vitelli. *S&P Global Platts*. 28 November 2019. Available from: <https://bit.ly/34ai4MX> More than 190 nations will meet for the next two weeks in Madrid to put the finishing touch to implementing the Paris Agreement, and in so doing will bring a new generation carbon market to life.


Whales are vital to curb climate change - this is the reason why. Katharine Rooney. *World Economic Forum*. 29 November 2019. Available from: <https://www.weforum.org/agenda/2019/11/whales-carbon-capture-climate-change/> Whales store huge amounts of CO₂; they support the growth of phytoplankton, which stores 40% of all carbon produced; a 1% increase in phytoplankton productivity is equivalent to 2 billion mature trees

The Production Gap. *United Nations Environment Programme (UNEP)*. November 2019. Available from: <http://productiongap.org/> The Production Gap Report addresses the necessary winding down of the world's production of fossil fuels in order to meet climate goals. [The Production Gap 2019 Report](#) 

ENVIRONMENTAL POLLUTION


Greece probes five vessels in connection with Brazil oil spill. Harry Papachristou. *TradeWinds*. 6 November 2019. Available from: <https://www.tradewindsnews.com/casualties/greece-probes-five-vessels-in-connection-with-brazil-oil-spill/2-1-701316> Four Greek shipmanagement companies, all of them top names in the tanker business, were identified as potential suspects in connection with an oil spill in Brazil and have been asked to provide data to authorities.

Dumped fishing gear is biggest plastic polluter in ocean, finds report. Sandra Laville. *The Guardian*. 6 November 2019. Available from: <https://www.theguardian.com/environment/2019/nov/06/dumped-fishing-gear-is-biggest-plastic-polluter-in-ocean-finds-report> Lost and abandoned fishing gear which is deadly to marine life makes up the majority of large plastic pollution in the oceans, according to a report by Greenpeace.

Ghost gear: The abandoned fishing nets haunting our oceans. *Greenpeace International*. November 2019. Available from: <https://www.greenpeace.de/sites/www.greenpeace.de/files/publications/20190611-greenpeace-report-ghost-fishing-ghost-gear-deutsch.pdf>  Pollution of the world's oceans is a growing and pervasive problem, and that is especially true of the increasing volume of ocean plastic.

Brazil adds four other tankers as suspects for oil spill. Renee Maltezou and Marcelo Teixeira. *Reuters*. 7 November 2019. Available from: <https://www.reuters.com/article/us-brazil-oil-spill/brazil-adds-four-other-tankers-as-suspects-for-oil-spill-idUSKBN1XH009> After initially naming only one ship, Brazilian authorities have added four more tankers as suspects in the investigation into the source of oil tarring its coastline over the past two months, according to a document on Wednesday.

Egypt's environmental agency files complaint due to Red Sea crude oil pollution. Al-Masry Al-Youm. *Egypt Independent*. 10 November 2019. Available from: <https://egyptindependent.com/egypts-environmental-agency-files-complaint-due-to-red-sea-crude-oil-pollution/> The Red Sea Regional Branch of the Egyptian Environmental Affairs Agency (EEAA) in Hurghada will file a legal complaint against the General Petroleum Company (GPC) in Ras Ghareb for polluting the Ras Ghareb Corniche Beach with crude oil and harming the environment, environmental activists said on Sunday.

Rusty oil platform in the Timor Sea could cost taxpayers \$200m to decommission. Tom Iggulden. *ABC (Australia)*. 11 November 2019. Available from: <https://www.abc.net.au/radio/programs/am/rusty-oil-platform-in-the-timor-sea/11691278>  A ticking environmental timebomb 250 nautical miles off Darwin, with a potential \$200 million clean up bill that taxpayers could be forced to fund.

Deliberate acts of pollution carried out on board vessel. *Safety4Sea*. 14 November 2019.


Available from: <https://safety4sea.com/deliberate-acts-of-pollution-carried-out-on-board-vessel/>

In its 57th issue CHIRP pays attention to deliberate acts of pollution allegedly carried out on a nightly basis on board a vessel, as reported by a member of the engine room crew.

When it comes to cleaning up the Oceans, technology may be good but education is even better. Denis Loctier. *Euronews*. 15 November 2019. Available from:

<https://www.euronews.com/2019/11/15/when-it-comes-to-cleaning-up-the-oceans-technology-may-be-good-but-education-is-even-bette> Every year, volunteers gather to clean up some of the mess.

Attenborough: World 'changing habits' on plastic. David Shukman. *BBC News*.

19 November 2019. Available from: <https://www.bbc.co.uk/news/science-environment-50419922> 

Sir David was speaking as he and the BBC's Natural History Unit (NHU) were announced as the winners of the prestigious Chatham House Prize for their Blue Planet II series of documentaries.

New findings point to VLCC in Brazil oil spill, says expert. Harry Papachristou. *TradeWinds*.

19 November 2019. Available from: <https://www.tradewindsnews.com/casualties/new-findings-point-to-vlcc-in-brazil-oil-spill-says-expert/2-1-708816>

A VLCC has been identified as a possible culprit in the oil spill off the country's northeast coast in July, according to researchers at a satellite image analysis centre in Brazil.

Report suggests how to prepare for Arctic oil spills. Paula Dobbyn. *University of Alaska*

Fairbanks. 19 November 2019. Available from: <https://news.uaf.edu/report-suggests-how-to-prepare-for-arctic-oil-spills/>

The Sea Grant Oil Spill Science Center and the Gulf Research Program of the National Academies of Sciences, Engineering, and Medicine convened the workshops starting in 2018.

WISTA and CARIBMEPA Lead Caribbean Coastal Clean Up. *Maritime Executive*.

20 November 2019. Available from: <https://www.maritime-executive.com/corporate/wista-and-caribmepa-lead-caribbean-coastal-clean-up>

Members of The Women's International Shipping and Trading Association (WISTA), Women in Maritime Association- Caribbean (WiMAC) and the Caribbean Marine Environment Protection Association (CARIBMEPA) met up to clean portions of 7-Milea beach in Grand Cayman last week.

Chemical herders could impact oil spill cleanup. *Phys.org*. 26 November 2019. Available from:

<https://phys.org/news/2019-11-chemical-herders-impact-oil-cleanup.html> Oil spills in the ocean can cause devastation to wildlife, so effective cleanup is a top priority. One method to clean up oil spills is by burning, which only works if the oil is heavily concentrated in one area.

HEALTH & SAFETY

How organisations can better support lone workers and reduce mental ill-health risk.

Cardiff University (UK). 6 November 2019. Available from: <https://www.iosh.com/more/news-listing/how-organisations-can-better-support-lone-workers-and-reduce-mental-ill-health-risk/> Long working hours, isolation and extended periods of time away from home could be putting workers at risk of developing mental health issues such as anxiety and depression.

People focus: Diabetes and the seafarer. Christina Tsouni and Alice Jackson Amundsen. *Gard*. 14 November 2019. Available from: <http://www.gard.no/web/updates/content/28676231/people-focus-diabetes-and-the-seafarer> Today, 14 November is World Diabetes Day: Gard Insight joins in the effort to raise the awareness among our readers of the risks of the disease, particularly to seafarers, and recommendations for life-style changes that can reduce these risks.

IMO

IMO's pollution chief says environmental barriers will trump trade. Anastassios Adamopoulos. *Lloyd's List*. 1 November 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1129785/IMOs-pollution-chief-says-environmental-barriers-will-trump-trade> IMO official is confident the sector is well prepared for the 2020 sulphur cap — despite acknowledging there will likely be implementation issues at the start — and stresses to governments that regulatory certainty will be necessary if the organisation is to maintain credibility.

KSA to Host Sustainable Maritime Development Conference in Partnership with International Maritime Organization. *Saudi Press Agency (SPA)*. 4 November 2019. Available from: <https://www.spa.gov.sa/viewfullstory.php?lang=en&newsid=1994011> The Kingdom of Saudi Arabia will host tomorrow a three-day international conference entitled "Sustainable Maritime Development towards 2030 and beyond" to be organized by the Public Transport Authority in partnership with the International Maritime Organization (IMO), at the Hilton Hotel in Jeddah.

IMO Secretary-General: "Without Sustainability, We Cannot Survive". *World Maritime News*. 5 November 2019. Available from: <https://worldmaritimeneeds.com/archives/285888/imo-secretary-general-without-sustainability-we-cannot-survive/> At the opening ceremony of the international conference on "Sustainable Maritime Development Towards 2030 and Beyond" being held in Jeddah, World Maritime News had the opportunity to speak to Mr. Kitack Lim, IMO Secretary-General.

Frederick J. Kenney: No Country Has Ratified Every Single IMO Treaty. *World Maritime News*. 6 November 2019. Available from: <https://worldmaritimeneeds.com/archives/285992/frederick-j-kenney-no-country-has-ratified-every-single-imo-treaty/> On the second day of the conference on "Sustainable Maritime Development Towards 2030 and Beyond", Kenney talked about IMO and the regulatory framework – accession to IMO instruments, assistance with legislation as well as compensation regimes.

IMCA at IMO: A year in review. Ed Martin. *Offshore Support Journal*. 6 November 2019. Available from: <https://www.rivieramm.com/news-content-hub/imca-at-imo-a-year-in-review-56722> IMO's work falls under three main regulatory areas: safety; environmental protection; and security.

Greek shipping minister urges 'practical solutions' to 2020 implementation issues.

Richard Meade and Cichen Shen. *Lloyd's List*. 6 November 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1129869/Greek-shipping-minister-urges-practical-solutions-to-2020-implementation-issues>

Speaking at a major gathering of Asia's shipping industry dignitaries, Greece's shipping minister Ioannis Plakiotakis raised concerns regarding the imminent implementation of the 2020 sulphur rules.

IMO faces push to consider life cycle emissions of zero-carbon fuels. Anastassios

Adamopoulos. *Lloyd's List*. 7 November 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1129877/IMO-faces-push-to-consider-life-cycle-emissions-of-zero-carbon-fuels>

Next week's IMO meeting on greenhouse gas emissions will seek to reach agreement on short-term carbon-cutting measures.

IMO revs up carbon campaign as regulators meet. Adam Corbett. *TradeWinds*.

11 November 2019. Available from: <https://www.tradewindsnews.com/regulation/imo-revs-up-carbon-campaign-as-regulators-meet/2-1-704132>

Shipping regulators from around the world are gathering at the IMO in London this week hoping to make progress on developing a series of mandatory measures to dramatically reduce shipping's carbon footprint.

The IMO should give clear direction on the preferred short-term measures to cut emissions.

UK Chamber of Shipping. 11 November 2019. Available from:

<https://www.ukchamberofshipping.com/latest/imo-should-give-clear-direction-preferred-short-term-measures-cut-emissions/>

Shipping is six times more efficient than trucks and over 40 times more efficient than a freight aircraft as a mode of transport, but we know there is more to do to cut emissions and that is why we have called for a green industrial revolution to make the UK a world leader in developing the green technologies of tomorrow.

IMO 2020: Edmund Hughes Talks Supply & Use Of 0.50% Sulphur Marine Fuel, Global Fleet Adaptation, Cost Efficiency, Compliance, Environmental Impact And Future Sustainability.

Edmund Hughes. *Marine Strategy*. 13 November 2019. Available from: <https://bit.ly/36iG3v0>

Edmund Hughes is Head, Air Pollution and Energy Efficiency in the Marine Environment Division of the International Maritime Organization (IMO), the United Nations specialised technical agency responsible for the regulation of international shipping.

IMO makes positive progress in agreeing a goal-based approach to help cut emissions.

UK Chamber of Shipping. 15 November 2019. Available from:

<https://www.ukchamberofshipping.com/latest/imo-makes-positive-progress-agreeing-goal-based-approach-help-cut-emissions/>

The IMO, which met in London this week to discuss how the shipping industry can continue to decarbonise, has agreed that a mandatory goal-setting approach is the best way to reduce carbon emissions in the short-term.

Shipping climate talks in the slow lane over speed reduction measures. Eoin Bannon.

Transport & Environment. 15 November 2019. Available from:

<https://www.transportenvironment.org/press/shipping-climate-talks-slow-lane-over-speed-reduction-measures>

The lack of progress and low ambition shown at this week's round of negotiations to reduce shipping's contribution to the climate crisis is deeply concerning and disappointing, the Clean Shipping Coalition (CSC)[1][2] has said.

ECSA: "IMO Intersessional Working Group was good and fruitful preparatory work". *European Community Shipowners' Associations (ECSA)*. 15 November 2019. Available from: <https://www.ecsa.eu/news/ecsa-imo-intersessional-working-group-was-good-and-fruitful-preparatory-work> During this week's Intersessional meeting, a majority of ambitious member states, particularly from Europe, decided to cooperate closely with core states from Asia and South America in order to be able to adopt concrete CO2 reduction measures as early as next spring for the MEPC 75.

Lobby groups clash on outcome of latest ship speed reduction talks. *Fathom.World*. 17 November 2019. Available from: <https://fathom.world/lobby-groups-clash-on-outcome-of-latest-ship-speed-reduction-talks/> IMO's intersessional working group met again last week to look through proposals on how to mandate existing ships to cut CO2 emissions.

IMO shelves maritime speed limits. Christian Carlsen. *ShippingWatch*. 18 November 2019. Available from: <https://shippingwatch.com/secure/regulation/article11762389.ece> IMO member states agree to continue working toward a so-called goal-based approach to reducing the industry's short-term emissions.

Greenhouse gas debate turns towards next year's MEPC. Sam Chambers. *Splash 247.com*. 18 November 2019. Available from: <https://splash247.com/greenhouse-gas-debate-turns-towards-next-years-mepc/> Prescriptive short-term measures to cut shipping's carbon footprint appear to be on the back burner following last week's intersessional greenhouse gas gathering at the International Maritime Organization (IMO).

IMO needs to clarify 'ambiguous' decarbonisation goals, expert warns. Holly Birkett. *TradeWinds*. 19 November 2019. Available from: <https://www.tradewindsnews.com/regulation/imo-needs-to-clarify-ambiguous-decarbonisation-goals-expert-warns/2-1-708604> The IMO needs to clarify whether shipping will be required to decarbonise by choosing to meet either technical and operational goals, or by combining both approaches, a leading academic has told TradeWinds.


A Sea Change is Coming: Increased Collaboration between the International Maritime Organization and the IPCC Secretariat. *Intergovernmental Panel on Climate Change (IPCC)*. 20 November 2019. Available from: <https://www.ippc.int/en/news/a-sea-change-is-coming-increased-collaboration-between-the-international-maritime-organization-and-the-ippc-secretariat/> Sea containers and their cargoes are potential pathways for plant pests and diseases to spread into new territories.

Lacking consensus, IMO's CO2 talks enter a difficult phase. Max Tingyao Lin. *TradeWinds*. 20 November 2019. Available from: <https://www.tradewindsnews.com/regulation/lacking-consensus-imo-s-co2-talks-enter-a-difficult-phase/2-1-709678> IMO discussions over decarbonisation measures have entered a tough phase, with member states and industry stakeholders clashing over the best technical and operational means to reduce greenhouse gas (GHG) emissions.

What to know about the IMO's new emissions standards. Kayla Matthews. *Freight Waves*. 21 November 2019. Available from: <https://www.freightwaves.com/news/what-to-know-about-the-imos-new-emissions-standards> On Jan. 1, 2020, new emissions standards from the International Maritime Organization (IMO), designed to curb emissions produced by maritime shipping, will go into effect. The new standards will further limit the acceptable levels of sulfur in ship fuel.

The impact of IMO's global sulphur cap on Africa. *CNBC Africa*. 22 November 2019. Available from: <https://www.cnbc.com/africa/videos/2019/11/22/the-impact-of-imos-global-sulphur-cap-on-africa/> From the first of January 2020, the International Maritime Organisation's Fuel Sulphur Regulation comes into effect.

Shipping guru Martin Stopford warns of perfect storm for IMO. Lucy Hine. *TradeWinds*. 22 November 2019. Available from: <https://www.tradewindsnews.com/business-focus/shipping-guru-martin-stopford-warns-of-perfect-storm-for-imo/2-1-705737> The IMO's greenhouse gas emissions targets for 2030 and 2050 are confusing decision-making and creating uncertainty over newbuilding choices.

IMO 2020 : The International Maritime Organisation (IMO) rules on sulphur in fuel oil for shipping and the effect on Africa. PwC (*PricewaterhouseCoopers Inc*). 25 November 2019. Available from: <https://www.pwc.com/ng/en/publications/imo-2020-regulation.html> The new regulations, known as IMO 2020, mandates a maximum sulphur content of 0.5% in marine fuels globally. [Synopsis of the Report](#) 

IMO Ready to Support PSC Regimes on Sulfur Cap Enforcement. *Ship & Bunker*. 26 November 2019. Available from: <https://shipandbunker.com/news/world/297678-imo-ready-to-support-psc-regimes-on-sulfur-cap-enforcement> IMO says it stands ready to support PSC regimes in their efforts to enforce the new global 0.50% sulfur cap on marine fuel particularly in respect to capacity building and training.

MSC says LNG not a viable option for IMO 2020. Lee Hong Liang. *Seatrade Maritime News*. 27 November 2019. Available from: <https://www.seatrade-maritime.com/containers/msc-says-lng-not-viable-option-imo-2020> Mediterranean Shipping Company (MSC) has affirmed that LNG will not be a viable option for use as a bunker fuel, in response to the upcoming IMO 2020 global regulation requiring the use of 0.5% sulphur fuel.

LAW & POLICY

Commission notifies the Republic of Ecuador over the need to step up action to fight illegal fishing. *European Commission*. 30 October 2019. Available from: https://ec.europa.eu/commission/presscorner/detail/en/ip_19_6036 The European Commission continues its action to fight illegal fishing worldwide by notifying the Republic of Ecuador that it needs to step up its actions (yellow card) in the fight against illegal, unreported and unregulated (IUU) fishing.

Norway signed maritime delimitation agreements with Iceland and Denmark/the Faroe Islands. *Government of Norway*. 30 October 2019. Available from: <https://www.regjeringen.no/en/aktuelt/norge-undertegnet-maritime-avgrensningsavtaler-med-island-og-danmarkfaroyene/id2675744/> In connection with the Nordic Council's session in Stockholm, Norway has signed two maritime delimitation agreements, with Iceland and Denmark/the Faroe Islands.

Nigerian Damilola Ogunbiyi gets top UN sustainable energy job. Chloé Farand. *Climate Home News*. 30 October 2019. Available from: <https://www.climatechangenews.com/2019/10/30/nigerian-damilola-ogunbiyi-gets-top-un-sustainable-energy-job/> Damilola Ogunbiyi, the first woman head of the Nigerian Rural Electrification Agency, has been appointed to lead the UN's efforts to bring clean energy to the world's poorest.

Indonesia to play leadership role in sustainable maritime economy. Luhut Binsar Pandjaitan. *Jakarta Post*. 30 October 2019. Available from: <https://bit.ly/36INhOR> During the 7th century, the Srivijaya Empire ruled a large swath of Southeast Asia from the Indonesian island of Sumatra.

Wellington ferry company fined \$380,000 after grounding. *Maritime New Zealand.*

31 October 2019. Available from: <https://www.maritimenz.govt.nz/public/news/media-releases-2019/20191031a.asp> The owners and operators of Wellington passenger ferry *City Cat*, East by West Company Limited, have been fined \$380,000 for failing to ensure the safety of passengers and crew on board and other sea-users following an incident where the *City Cat* grounded on rocks near Karaka Bay in April 2017

Regional Maritime Security Strategy Coming. *Barbados Today.* 3 November 2019.

Available from: <https://barbadostoday.bb/2019/11/03/regional-maritime-security-strategy-coming/> Maritime security must expand its scope beyond the traditional threats of illicit drugs and arms trafficking to include economic enablers that contribute to the blue economy.

Italy votes for a Mediterranean ECA. Nicola Capuzzo. *Splash 247.com.* 4 November 2019.

Available from: <https://splash247.com/italy-votes-for-a-mediterranean-eca/> Following Spain and France, Italy has now voted for the creation of an ECA in the Mediterranean basin.

Canada's Oceans Protection Plan Needs Improvement. *Chamber of Shipping of British Columbia.*

5 November 2019. Available from: https://www.cosbc.ca/index.php?option=com_k2&view=itemlist&layout=tag&tag=media&task=tag&Itemid=182 Today, the Chamber of Shipping released a Report Card on the progress of the Oceans Protection Plan (OPP) as it relates to commercial shipping.

COP25: MEPs push for CO2 neutrality by 2050. *European Parliament.* 6 November 2019.

Available from: <https://www.europarl.europa.eu/news/en/press-room/20191105IPR65866/cop25-meps-push-for-co2-neutrality-by-2050> The EU should commit to net-zero CO2 emissions by 2050 at the UN Conference and step up its emissions' reduction ambition for 2030, said the Environment Committee on Wednesday.

Saudi Arabia gives priority to maritime growth. Mohammed Al-Kinani. *Arab News (Saudi Arabia).*

6 November 2019. Available from: <https://www.arabnews.com/node/1579666/saudi-arabia> Saudi Arabia has highlighted the importance of developing the maritime industry, not only locally but also internationally — as well as preserving the sustainable growth of the “blue economy.”

Karigithu: Investing in Critical Infrastructure, Port Development Key for Blue Economy.

World Maritime News. 6 November 2019. Available from: <https://worldmaritimeneews.com/archives/285991/karigithu-investing-in-critical-infrastructure-port-development-key-for-blue-economy/> On the sidelines of the ongoing international conference on “Sustainable Maritime Development Towards 2030 and Beyond” being held in Jeddah, Saudi Arabia, World Maritime News had the opportunity to speak with Nancy Karigithu, Principal Secretary for State Department for Shipping and Maritime Affairs (SD&MA), Kenya.

Singapore Standards Council launches new Singapore Standard SS 648 to replace TR 48.

Manifold Times (Singapore). 7 November 2019. Available from: <https://www.manifoldtimes.com/news/d/singapore-standards-council-launches-new-singapore-standard-ss-648-to-replace-tr-48> The Singapore Standards Council on Thursday (7 November) launched a new Singapore Standard, SS 648 - Code of Practice for Bunker Mass Flow Metering (MFM).

Singapore Readies Ship Owners and Operators for 2020 & Beyond. *Maritime and Port Authority of Singapore (MPA).* 8 November 2019. Available from:

<https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/38627157-7dfc-4d2b-a53c-5af3c5ef1a47> The Singapore Registry of Ships (SRS) crossed the 95 million gross tonnage milestone in 2019 and maintained its position among the top registries in the world.

Europe must stand firm and clean up shipping's giant CO2 emissions. Bas Eickhout. *EurActiv*. 8 November 2019. Available from: <https://www.euractiv.com/section/shipping/opinion/europe-must-stand-firm-and-clean-up-shippings-giant-co2-emissions/> More people than ever are aware that the giant ships carrying 80% of global trade are also giant polluters.

Environmental legislation on maritime transport will be reformed – focus on waste management. *Government of Finland*. 12 November 2019. Available from: <https://bit.ly/344axz2> The aim is to improve the treatment and reception of waste in ports, which will reduce the generation of marine litter and, in particular, the discharge of plastic into the seas.

Economic opportunity should see US get on board with shipping clean-up. Heather Zichal. *Climate Home News*. 12 November 2019. Available from: <https://www.climatechangenews.com/2019/11/12/economic-opportunity-see-us-get-board-shipping-clean/> However much the current administration tries to unwind that progress, everyone now pretty much accepts that we don't have to damage our kids' health in order to secure our power supply – we simply have better options.

Expedition Cruise Industry Says “No” to HFO in Arctic. *Maritime Executive*. 13 November 2019. Available from: <https://www.maritime-executive.com/article/expedition-cruise-industry-says-no-to-hfo-in-arctic> The current practice among the association's members is to refrain from using HFO when sailing in the Arctic.

United States sitting out race to mine ocean floor for metals essential to electronics. *CBS News (US)*. 13 November 2019. Available from: <https://cbsn.ws/36ghiiY> 🇺🇸 China and other countries are racing to be the first to mine trillions of dollars worth of metals used in cell phones, supercomputers and more, while the U.S. is on the sidelines.

Govt calls for ship's ballast water management proposal. Genivi Factao. *Manila Times*. 13 November 2019. Available from: <https://www.manilatimes.net/2019/11/13/business/maritime-business/govt-calls-for-ships-ballast-water-management-proposal/655588/> The Department of Science and Technology (DoST) is looking for technologies that will address issues brought about by ballast water.

Federal Transport Authority – Land & Maritime visits Abu Dhabi Ports - Move is part of continuing efforts to cooperate with various maritime entities. *Government of the United Arab Emirates*. 13 November 2019. Available from: <https://bit.ly/2Yvqtt1> The Federal Transport Authority – Land & Maritime (FTA) recently visited Abu Dhabi Ports to learn more about the Abu Dhabi Maritime Academy and its programs.

Ameachi tasks African nations on mainstreaming maritime sector. Shulammitte 'Foyeku. *Ships & Ports*. 13 November 2019. Available from: <https://shipsandports.com.ng/ameachi-tasks-african-nations-on-mainstreaming-maritime-sector/> Minister of Transportation, Rotimi Ameachi, has called for a concerted cooperation among countries in the West and Central Africa sub-region to develop a blueprint and agree on a common approach in mainstreaming the maritime sector into the 2030 agenda for Sustainable Development Goals (SDGs) and national plan of member states.

UNCLOS – important legal instrument to solve maritime issues. *VietnamPlus*. 13 November 2019. Available from: <https://en.vietnamplus.vn/unclos-important-legal-instrument-to-solve-maritime-issues/163621.vnp> The 1982 UN Convention on the Law of the Sea (UNCLOS) is an important legal instrument to regulate maritime issues and ensure legitimate rights and interests of countries, heard the second ASEAN Regional Forum (ARF) workshop on implementing UNCLOS in Hanoi on November 13.

Incoming EU transport boss charts course for clean shipping but is less certain on sustainable cars and planes. Eoin Bannon. *Transport & Environment*. 14 November 2019.

Available from: <https://www.transportenvironment.org/press/incoming-eu-transport-boss-charts-course-clean-shipping-less-certain-sustainable-cars-and> The EU transport commissioner-designate today committed to greater European action on maritime emissions, but risked being at odds with public demand to address airlines' climate impact.

Are tankers sanction busting? Craig Jallal. *Tanker Shipping & Trade*. 14 November 2019.

Available from: <https://www.rivieramm.com/news-content-hub/sts---are-tankers-sanction-busting-56799> A huge crude oil slick washing up on the beaches of Brazil has been blamed on secretive STS operations off the coast of Venezuela, begging the question, is enough being done to monitor such actions?

USCG Faces Questions Over Handling of NTSB Recommendations. *Maritime Executive*.

15 November 2019. Available from: <https://www.maritime-executive.com/article/uscg-faces-questions-over-handling-of-ntsb-recommendations> In a House subcommittee hearing on Thursday, the head of the U.S. National Transportation Safety Board's Marine Safety Office critiqued the U.S. Coast Guard's willingness to tighten safety rules for passenger vessels based on evidence from past small-vessel casualties.

Court Upholds Broad Coast Guard Authority in Maritime Pollution Investigations.

H. Allen Black. *Winston & Strawn LLP*. 15 November 2019. Available from: <https://www.winston.com/en/maritime-fedwatch/court-upholds-broad-coast-guard-authority-in-maritime-pollution-investigations.html> On November 12, 2019, the U.S. District Court for the District of Delaware affirmed the broad authority of the Coast Guard to carry out examinations of foreign vessels in U.S. waters, to interview vessel personnel on board, and to impose conditions on the clearance of a vessel suspected of violating the U.S. Act to Prevent Pollution from Ships, abbreviated as "APPS."

African Ministers of the environment agree to accelerate action through effective mechanisms for sustainable development. *United Nations Environment Programme (UNEP)*.

15 November 2019. Available from: <https://www.unenvironment.org/news-and-stories/press-release/african-ministers-environment-agree-accelerate-action-through> In a ministerial declaration issued today at the closing of the 17th Ordinary Session of the African Ministerial Conference on the Environment (AMCEN), African governments agreed to make the Conference the forum for making regional environment policies with effective mechanisms for implementation.

Regional maritime security exercise an opportunity to study best practices, Seychellois colonel says. Patsy Athanase. *Seychelles News Agency*. 18 November 2019. Available from:

<http://www.seychellesnewsagency.com/articles/11969/Regional+maritime+security+exercise+an+opportunity+to+study+best+practices%2C+Seychellois+colonel+says> The Seychelles People's Defence Forces said that the Cutlass Express exercise was a great opportunity for numerous countries to learn best practices in maritime security.

Azerbaijan, Mexico discuss maritime transport cooperation. Ofeliya Afandiyeva.

Azernews (Azerbaijan). 18 November 2019. Available from: <https://www.azernews.az/nation/158535.html> Director of State Maritime Agency Gudrat Gurbanov and Mexican Ambassador Juan Rodrigo Labardini Flores have discussed prospects of bilateral cooperation in the maritime field during a meeting held on November 14.

US senators eye establishment of Arctic shipping safety committee. *Safety at Sea.*

19 November 2019. Available from: <https://safety4sea.com/us-senators-eye-establishment-of-arctic-shipping-safety-committee/> Three US Senators introduced legislation to urge the US to prioritize emerging opportunities in the Arctic for maritime transportation, and ensure that increased Arctic shipping proceeds safely and securely.

Oceans and seas threatened by climate change: Council adopts conclusions. *Council of the European Union.* 19 November 2019. Available from:

<https://www.consilium.europa.eu/en/press/press-releases/2019/11/19/oceans-and-seas-threatened-by-climate-change-council-adopts-conclusions/> The Council today adopted conclusions on oceans and seas, stressing that climate change is a direct and existential threat to life in oceans and seas globally. [Council conclusions on Oceans and Seas](#)

Safeguarding the future of British Maritime. *Nautical Institute.* 19 November 2019.

Available from: <https://www.nautilusint.org/en/news-insight/telegraph/safeguarding-the-future-of-british-maritime/> Nautilus sets out the key commitments needed from the government for a strong and prosperous maritime sector, recognising its strategic importance and role in maritime safety.

Climate Change: NIMASA moves to monitor green house gas emission. Godwin Oritse.

Vanguard (Nigeria). 19 November 2019. Available from:

<https://www.vanguardngr.com/2019/11/climate-change-nimasa-moves-to-monitor-green-house-gas-emission> AS part of its Climate Action Plan, the Nigerian Maritime Administration and Safety Agency, NIMASA, has commenced moves to checkmate the Green House Gas, GHG, emission with a view to reducing pollution in Nigeria's maritime space.

Poland and UAE sign maritime trade deal. *Poland IN.* 20 November 2019. Available from:

<https://polandin.com/45424808/poland-and-uae-sign-maritime-trade-deal> Polish Maritime Economy Minister Marek Gróbarczyk and Minister of Infrastructure Development of the United Arab Emirates Abdullah bin Mohammad Bel Haif Al Nuaimi signed an agreement on sea transport and trade.

World Ocean Council (WOC) and WISTA International to sign MOU at Sustainable Ocean Summit. *Women's International Shipping & Trading Association (WISTA).* 20 November 2019.

Available from: <https://wistainternational.com/news/world-ocean-council-woc-and-wista-international-to-sign-mou-at-sustainable-ocean-summit/> Partnership between World Ocean Council (WOC) and WISTA International Will Advance Women's Leadership in the Sustainable Blue Economy.

Lawless Ocean: The Link Between Human Rights Abuses and Overfishing. Ian Urbina.

Yale Environment 360. 20 November 2019. Available from: <https://e360.yale.edu/features/lawless-ocean-the-link-between-human-rights-abuses-and-overfishing> There are few remaining frontiers on our planet.

China Has Signed 197 Belt and Road Deals with 137 Countries. *Maritime Executive.*

21 November 2019. Available from: <https://www.maritime-executive.com/article/china-has-signed-197-belt-and-road-deals-with-137-countries> China has signed 197 Belt and Road cooperation documents with 137 countries and 30 international organizations as at the end of October, says China's National Development and Reform Commission.

Ocean protection: not tomorrow but NOW! *Seas at Risk.* 22 November 2019. Available from:

<https://seas-at-risk.org/29-ocean-governance/997-ocean-protection-not-tomorrow-but-now.html> On Tuesday 19 November, Ministers for European Affairs adopted a set of conclusions that stress that climate change is a direct and existential threat to life in oceans and seas globally.

Chagos Islands dispute: UK misses deadline to return control. *BBC News*. 22 November 2019. Available from: <https://www.bbc.co.uk/news/uk-50511847> The UK has been called an illegal colonial occupier by Mauritius after it ignored a deadline to return control of an overseas territory to the island nation.

Vella: EU leadership on oceans governance is a priority for my successor. Gerardo Fortuna. *EurActiv*. 25 November 2019. Available from: <https://www.euractiv.com/section/agriculture-food/interview/vella-eu-leadership-on-oceans-governance-is-a-priority-for-my-successor/> The EU's outgoing Fisheries Commissioner, Karmenu Vella, warned that climate change and biodiversity loss were putting the earth's ecosystems dangerously close to a tipping point, and pleaded for his successor to carry on the International Ocean Governance (IOG) put in place during his five-year mandate.

Ready for impact assessments? UN puts shipping in the frame. Eric Martin. *TradeWinds*. 27 November 2019. Available from: <https://www.tradewindsnews.com/opinion/ready-for-impact-assessments-un-puts-shipping-in-the-frame/2-1-712760> As wrangling gathers steam at the IMO over how to meet carbon-reduction targets, another set of international environmental rules is being developed under the radar.

The European Parliament declares climate emergency. *European Parliament*. 28 November 2019. Available from: <https://www.europarl.europa.eu/news/en/press-room/20191121IPR67110/the-european-parliament-declares-climate-emergency> Ahead of the UN COP25 Climate Change Conference in Madrid 2-13 December, the Parliament on Thursday approved a resolution declaring a climate and environmental emergency in Europe and globally.

IMO 2020 Enforcement: Magic Pipe Cases All-Over Again? David McCullough and Ronald Zdrojeski. *Hellenic Shipping News*. 28 November 2019. Available from: <https://www.hellenicshippingnews.com/imo-2020-enforcement-magic-pipe-cases-all-over-again/> The shipping industry is well aware of the fines and penalties imposed by US authorities against vessel owners, operators and officers for alleged bypasses of a vessel's oily-water-separator ("OWS"), which is required pollution control equipment under Annex I of MARPOL.

Revised draft of proposed new, legally binding U.N. law of the sea regulations now available. *World Ocean Council*. 28 November 2019. Available from: <https://www.oceancouncil.org/wp-content/uploads/2019/11/WOC-News-Release-2019-11-28-UN-High-Seas-Treaty-Full-Draft-Text-Now-Available-FINAL.pdf> The revised text of the proposed legally binding instrument on the conservation and sustainable use of marine life in areas beyond national jurisdiction (BBNJ) was posted on 27 November 2019 and is available at www.un.org/bbnj.

MARINE TECHNOLOGY

Wind Assisted Ship Propulsion Project Officially Launched. *World Maritime News*. 31 October 2019. Available from: <https://worldmaritimeneeds.com/archives/285638/wind-assisted-ship-propulsion-project-officially-launched/> The Wind Assisted Ship Propulsion (WASP) project, funded by the Interreg North Sea Europe programme, part of the European Regional Development Fund (ERDF) to the tune of EUR 3.4 million has been officially approved and launched.

Platts launches dual TCEs for scrubber, non-scrubber ships. Dale Wainwright. *TradeWinds*. 4 November 2019. Available from: <https://www.tradewindsnews.com/bulkers/platts-launches-dual-tces-for-scrubber-non-scrubber-ships/2-1-699663> The first assessments basis 0.5% sulfur marine fuel and individual scrubber premium indexes for capesize, panamax, ultramax and supramax class ships began on Friday.

What are the benefits of adopting autonomy technology for the maritime industry? Pia Meling. *ShipInsight*. 5 November 2019. Available from: <https://shipinsight.com/articles/what-are-the-benefits-of-adopting-autonomy-technology-for-the-maritime-industry> Autonomous ships are good for business, for the environment and improves safety both at sea and on land. Autonomy introduces a new competition area for short-sea shipping and opens a larger market for maritime players – on the expense of polluting, congested and accident-prone truck transportation.


Stena Line Expands Use of Artificial Intelligence. *Maritime Executive*. 6 November 2019. Available from: <https://www.maritime-executive.com/article/stena-line-expands-use-of-artificial-intelligence> Stena Lines is expanding the use of artificial intelligence (AI) technology to predict the most fuel-efficient way to operate a vessel after a successful pilot study reduced fuel consumption by two to three percent.

New digital developments for shipmanagers may mean less optionality for shipowners. Bob Rust. *TradeWinds*. 11 November 2019. Available from: <https://bit.ly/2YukSmZ> Not all shipowners have the same appetite for digitalisation.

Update from September's BWM Tech North America conference. Amy Midgett. *US Coast Guard Maritime Commons*. 12 November 2019. Available from: <https://mariners.coastguard.blog/2019/11/12/update-from-septembers-bwm-tech-north-america-conference/> In September, staff from Coast Guard Headquarters attended the Ballast Water Management Tech North America Conference in Fort Lauderdale, Florida. Lt. Jacob Baldassini, an engineer with the Coast Guard's Marine Safety Center, gave attendees an update on the state of the Coast Guard's type approval program, and guidance on several specific issues about which the MSC receives regular inquiries.

News: Maritime UK publishes updated guidance on autonomous vessels. *Maritime UK*. 13 November 2019. Available from: <https://www.maritimeuk.org/media-centre/news/news-maritime-uk-publishes-updated-guidance-autonomous-vessels/> The Maritime UK Autonomous Systems Regulatory Working Group (MASRWG) published the first code of practice to global industry-wide acclaim in November 2017, with the second version following in November 2018.

NOAA releases new strategies to apply emerging science and technology. *US National Oceanic and Atmospheric Administration (NOAA)*. 14 November 2019. Available from: <https://www.noaa.gov/media-release/noaa-releases-new-strategies-to-apply-emerging-science-and-technology> NOAA today is announcing new strategies to dramatically expand the agency's application of four emerging science and technology focus areas — NOAA Unmanned Systems, Artificial Intelligence, 'Omics, and the Cloud — to guide transformative advancements in the quality and timeliness of NOAA science, products and services.

New global atlas on using advanced technology to monitor fishing activity. *Food and Agriculture Organization (FAO)*. 19 November 2019. Available from: <http://www.fao.org/news/story/en/item/1251799/icode/> A new global atlas - the first-ever of its kind - analyses the opportunities and challenges of using Automatic Identification Systems (AIS) to monitor fishing activity around the globe.
[Global Atlas of AIS-based fishing activity Challenges and opportunities](#) 

Human factors: time to re-focus. Captain Pradeep Chawla. *Splash 247.com*. 21 November 2019. Available from: <https://splash247.com/human-factors-time-to-re-focus/> The approach is to investigate the eco-system in which the seafarer takes decisions rather than blaming the seafarer.

Ships Automation Calls for Modification to Educational Models. Capt. Sameh K Rashed. *Maritime Executive*. 23 November 2019. Available from: <https://bit.ly/2LAtHXd> The beginning of the 21st century has seen significant technological development in all industries including the shipping industry.

Adoption of fully automated shipping will take decades, not years. *Kennedys Law LLP*. 27 November 2019. Available from: <https://www.kennedyslaw.com/news/adoption-of-fully-automated-shipping-will-take-decades-not-years/> The UK is the second least supportive nation in their attitude towards the development of unmanned vessels, according to our study across six territories (United Kingdom, United States, Australia, China, Singapore and Hong Kong), and the least supportive of autonomous vehicles more generally.

Chinese ‘most comfortable’ with autonomous shipping. Dale Wainwright. *TradeWinds*. 28 November 2019. Available from: <https://www.tradewindsnews.com/technology/chinese-most-comfortable-with-autonomous-shipping/2-1-714541> The Chinese are the most comfortable with the concept of autonomous shipping, a study by law firm Kennedys has found.

Fifty Years Since the First Computer at Sea. Leif Johansson. *Maritime Executive*. 28 November 2019. Available from: <https://www.maritime-executive.com/editorials/fifty-years-since-the-first-computer-at-sea> The Shipborne Computer project idea was to develop and to create a maritime project for research reasons.

MARITIME EDUCATION & TRAINING

Plymouth to host maritime cyber security research facility. Sam Chambers. *Splash 247.com*. 4 November 2019. Available from: <https://splash247.com/plymouth-to-host-maritime-cyber-security-research-facility/> The £3m Cyber-SHIP Lab, supported by funding from Research England, part of UK Research and Innovation, and industry, will bring together a host of connected maritime systems currently found on an actual ship’s bridge.

Call for seafarers training as Kenya exploits blue economy resources. *Kenya News Agency (KNA)*. 4 November 2019. Available from: <http://www.kenyanews.go.ke/call-for-seafarers-training-as-kenya-exploits-blue-economy-resources/> The Seafarers Union of Kenya Chairman, Daudi Hajji is advocating for the training of local youth as seafarers to work in fishing fleets, as the government turns its focus on exploitation of the blue economy for growth.

13 young Seychellois seafarers join global oil shipping sector. *Seychelles Nation*. 4 November 2019. Available from: <http://www.nation.sc/articles/2227/13-young-seychellois-seafarers-join-global-oil-shipping-sector> Thirteen young Seychellois students returned home on Saturday after receiving their certificates on November 1, 2019, in Sri Lanka, following the completion of a nine-week.

Addressing training requirements on LNG fuelled ships. *Safety4Sea*. 4 November 2019.

Available from: <https://safety4sea.com/cm-addressing-training-requirements-on-lng-fueled-ships/>
During the 2019 SAFETY4SEA Athens Forum, Mr. Stavros Niotis, Principal Engineer OEP, ABS, discusses the STCW requirements of seafarers' training, noting the three training types and the importance of seafarer competency and knowledge of people onboard the sea.

ITF Inspectors Meet in Sri Lanka for Worldwide Inspectors Seminar. *Seafarers International Union (SIU)*. 4 November 2019. Available from: <https://www.seafarers.org/itf-inspectors-gather-in-sri-lanka-for-world-wide-inspectors-seminar/> More than 110 International Transport Workers' Federation (ITF) inspectors gathered in Colombo, Sri Lanka, in late September for the Worldwide Inspectors Seminar (WWIS).

Marine Pollution Incident Management Preparedness: IMOrg At The Helm. *Hellenic Shipping News*. 5 November 2019. Available from: <https://www.hellenicshippingnews.com/marine-pollution-incident-management-preparedness-imorg-at-the-helm/> It takes many people doing lots of different things to ensure that the environment is protected following a marine pollution incident.

Ministry Holds ISPS Code Self-Assessment, Audit Training Workshop. *Government of Qatar*. 5 November 2019. Available from: <http://motc.gov.qa/en/news-events/news/ministry-holds-isps-code-self-assessment-audit-training-workshop> The Ministry of Transport and Communications has organized the ISPS Code Self-Assessment and Audit Training Workshop that was attended by specialized professionals in maritime industry from Qatar and some brotherly Gulf countries, as well as the maritime transport sector's employees from MOTC.

Marina confident PH will pass EMSA audit. Bernie Cahiles-Magkilat. *Manila Bulletin*. 6 November 2019. Available from: <https://business.mb.com.ph/2019/11/06/marina-confident-ph-will-pass-emsa-audit/> The Maritime Industry Authority (Marina) is confident it will hurdle the next audit by the European Maritime Safety Agency (EMSA) on the country's competence of Filipino seafarers having complied with the global seafaring standards.

Ferry giant DFDS launches new apprentices in careers at sea. Sue Terpilowski. *Sea News*. 7 November 2019. Available from: <https://seanews.co.uk/news/global-events/ferry-giant-dfds-launches-new-apprentices-in-careers-at-sea/> Leading ferry operator DFDS has begun to make the dreams of a sea faring career come true for nine new apprentices from east Kent.

Vanuatu Maritime College sets record straight. *Vanuatu Daily Post*. 11 November 2019. Available from: https://dailypost.vu/news/vanuatu-maritime-college-sets-record-straight/article_de425da8-04cf-11ea-b5b5-3ba311bdee3d.html The Vanuatu Maritime College (VMC) cannot act as a crewing agent because this would be a conflict of interest.

The maritime leaders of tomorrow. Ambassador Carlos Salinas. *Manila Times*. 13 November 2019. Available from: <https://www.manilatimes.net/2019/11/13/business/maritime-business/the-maritime-leaders-of-tomorrow/655536/> Last November 3, some 250 maritime students from over 70 countries graduated from the World Maritime University (WMU).

All Hands Must be on Deck for Educational Development, Says Dakuku. Ahamefula Ogbu. *This Day (Nigeria)*. 16 November 2019. Available from: <https://www.thisdaylive.com/index.php/2019/11/16/all-hands-must-be-on-deck-for-educational-development-says-dakuku/> The Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA) Dr. Dakuku Peterside has called on well-meaning Nigerians and Corporate Organisations to support education at all levels in the country, as education was the major panacea for the growth and development of Nigeria.

MoU Signed with the International Maritime Academy, Lebanon. *World Maritime University (WMU)*. 18 November 2019. Available from: <https://www.wmu.se/news/mou-signed-international-maritime-academy-lebanon> The World Maritime University (WMU), established within the framework of the International Maritime Organization (IMO), and the International Maritime Academy (IMA) of Lebanon have signed a Memorandum of Understanding (MoU) regarding their mutual interests in marine and maritime education and training, maritime safety, security and marine environmental management.

Philippines says it has addressed STCW shortcomings ahead March 2020 EMSA audit. Marcus Hand. *Seatrade Maritime News*. 20 November 2019. Available from: <https://bit.ly/2LBntWY> The Philippines authorities say they have filed reports addressing all the deficiencies in its maritime training and certification found by the European Maritime Safety Agency's (EMSA).

Competence assurance for ship's crew. Robert Rayner. *Splash 247.com*. 22 November 2019. Available from: <https://splash247.com/competence-assurance-for-ships-crew/> Competence assurance is well understood and practiced in the offshore oil and gas sector, so this article by Robert Rayner from IDESS Interactive Technologies is aimed more at the shipping sector, where it does not seem to be so widely practiced.

VR in maritime training: focus on what motivates learning not the technology. Marcus Hand. *Seatrade Maritime News*. 22 November 2019. Available from: <https://www.seatrade-maritime.com/technology/vr-maritime-training-focus-what-motivates-learning-not-technology> As innovations such as VR and gamification are introduced into maritime training people should not get too caught up in the technology, but instead focus on what motivates individuals to learn.

'Why we encourage women in maritime'. Muyiwa Lucas. *The Nation (Nigeria)*. 25 November 2019. Available from: <https://thenationonlineng.net/why-we-encourage-women-in-maritime/> The Rector of the Maritime Academy of Nigeria (MAN), Oron, Commodore Emmanuel Effedua, has reassured the nation's maritime community of the institution's commitment towards gender balance.

MARITIME SAFETY

Shell's Henderson lambasts shipping's 'appalling' death toll. Julian Bray. *TradeWinds*. 31 October 2019. Available from: <https://www.tradewindsnews.com/tankers/shell-s-henderson-lambasts-shipping-s-appalling-death-toll/2-1-698042> Shell's Grahaeme Henderson has once again made an outspoken attack on shipping's bad safety record and urged greater collaboration among industry players to improve standards and reduce deaths.

Container ship fires: Gard conference promotes the value of industry collaboration. Are Solum. *GARD*. 31 October 2019. Available from: <http://www.gard.no/web/updates/content/28597707/container-ship-fires-gard-conference-promotes-the-value-of-industry-collaboration> Gard invited industry stakeholders, authorities and experts to address the growing concern with devastating fires aboard container ships.

Corroded and cracked cargoship kicked out by Paris MOU Gary Dixon. *TradeWinds*. 1 November 2019. Available from: <https://www.tradewindsnews.com/regulation/corroded-and-cracked-cargoship-kicked-out-by-paris-mou/2-1-699190> The Paris MOU has banned two Turkish cargoships from its ports after they failed multiple port state control checks.

Can shipping merge digital solutions with traditional ones safely? Samantha Fisk. *fathom.world*. 2 November 2019. Available from: <https://fathom.world/can-shipping-merge-digital-solutions-with-traditional-ones-safely/> Cyber-awareness and safety needs to be at the fore for shipping and maritime companies as new fast and connected digital technologies mix with more traditional ones in ways no one has really seen before.

CS criticised for failing to act on 'lax' ferry bosses. Moses Njagih. *Standard Digital (Kenya)*. 6 November 2019. Available from: <https://www.standardmedia.co.ke/article/2001348248/cs-criticised-for-failing-to-act-on-lax-ferry-bosses> Transport Cabinet Secretary James Macharia was at pains to explain why the management of Kenya Ferry Services (KFS) was still in office even after the State corporation's board was sent packing following a recent disaster.

EU to tackle ro-ro fires Adam Corbett. *TradeWinds*. 6 November 2019. Available from: <https://www.tradewindsnews.com/casualties/eu-to-tackle-ro-ro-fires/2-1-701451> The European Union (EU) is providing €12m (\$13.3m) of funding for a project to find a solution to the continuing problem of fires on ro-ro vessels.

ABS Issues Industry-Leading Guide for Firefighting for Cargo Areas of Container Carriers. *ABS (American Bureau of Shipping)*. 11 November 2019. Available from: <https://ww2.eagle.org/en/news/press-room/abs-issues-guide-for-firefighting-cargo-areas-container-carriers.html> The ABS Guide for Fire-Fighting Systems for Cargo Areas of Container Carriers has just been published, in an industry first.

Do lithium-battery devices pose an onboard fire risk? Ed Martin. *Offshore Support Journal*. 13 November 2019. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/lithium-battery-devices-pose-significant-onboard-fire-risks-56787> The risk of shipboard fire may have increased as more lithium-battery powered devices find their way on board and as a result of vessels being left unattended in lay-up.

Ferry crew find 25 stowaways in UK-bound refrigerated container. *BBC News*. 19 November 2019. Available from: <https://www.bbc.co.uk/news/world-europe-50480242> Police in the Netherlands have arrested a Romanian lorry driver after 25 stowaways were found in a refrigerated container on a ferry bound for the UK.

'Ensuring safety of seafarers crucial in evolving maritime sector'. Rasika Bhale. *The Hindu (India)*. 20 November 2019. Available from: <https://www.thehindu.com/news/cities/mumbai/ensuring-safety-of-seafarers-crucial-in-evolving-maritime-sector/article30020925.ece> In a rapidly-evolving maritime sector, attention needs to be paid to the safety of seafarers, said Vice Admiral R.B. Pandit, Chief of Staff of the Western Naval Command.

InterManager thanks seafarers for supporting its Enclosed Spaces Campaign. *InterManager*. 21 November 2019. Available from: <https://www.intermanager.org/2019/11/intermanager-thanks-seafarers-for-supporting-its-enclosed-spaces-campaign/> A key component for InterManager's campaign to address these dangers is feedback received from the seafarers who regularly face these risks.

New safety guidance for stowage of dangerous goods on containerships. *GARD*. 27 November 2019. Available from: <http://www.gard.no/web/updates/content/28748932/new-safety-guidance-for-stowage-of-dangerous-goods-on-containerships> Container ship fires are a growing concern. Fires, originating from dangerous goods in containers, whether wrongfully declared or not, occur with alarming frequency.

Safety Considerations for Ship Operators Related to Risk-Based Stowage of Dangerous Goods on Containerships: Part One. *Cargo Incident Notification System (CINS)*. November 2019. Available from: <http://www.cinsnet.com/wp-content/uploads/2019/11/CINS-DG-Stowage-Considerations-Final.pdf> The scope of this document is considered to be a first stage in a collective industry approach on this important matter which is designed to enhance safety on board container ships, recognising the significant complexities involved in achieving effective and compliant stowage of containers.

MARITIME SECURITY

PCG calls for solution to 'complex problem' of maritime threats. Ruth Abbey Gita-Carlos. *Philippine News Agency (PNA)*. 31 October 2019. Available from: <https://www.pna.gov.ph/articles/1084754> The "complex problem" of security risks in the Philippine waters will not cease unless the government can address its "roots and causes," according to the Philippine Coast Guard (PCG).

First EU-China Maritime Security Seminar held in Hainan. *European Union*. 31 October 2019. Available from: https://eeas.europa.eu/delegations/china/69690/first-eu-china-maritime-security-seminar-held-hainan_en On 30-31 October, the EU and China engaged in the first EU-China Experts' Seminar on Maritime Security (track 1.5), which was held in China's island province of Hainan.

Cargo ships could be at risk in Red Sea: Riyadh. *Hellenic Shipping News*. 4 November 2019. Available from: <https://www.hellenicshippingnews.com/cargo-ships-could-be-at-risk-in-red-sea-riyadh/> Saudi Arabian defence officials have warned that cargo and crude-laden ships passing through the Red Sea could be at risk from remote-controlled boats rigged with explosives by Houthi rebels of Yemen.

Joint ECSA-ICS Statement on the attack to the Norwegian 'MV BONITA'. *European Community Shipowners' Associations (ECSA)*. 4 November 2019. Available from: <https://www.ecsa.eu/news/joint-ecsa-ics-statement-attack-norwegian-mv-bonita> The Norwegian flagged bulk carrier 'MV BONITA', owned by Ugland Shipping AS was boarded by pirates, while she was at anchor off Cotonou in Benin, early Saturday morning. Nine crewmembers, including the captain were taken off the vessel.


UAE to take over Indian Ocean maritime and trade group this week. *The National (United Arab Emirates)*. 4 November 2019. Available from: <https://www.thenational.ae/uae/government/uae-to-take-over-indian-ocean-maritime-and-trade-group-this-week-1.933184> The UAE will take over the chair of an international group of nations focused on maritime security and trade this week.

2 Filipino seafarers, 2 others kidnapped by suspected pirates off Togo: navy. *ABS-CBN (Philippines)*. 4 November 2019. Available from: <https://news.abs-cbn.com/overseas/11/04/19/2-filipino-seafarers-2-others-kidnapped-by-suspected-pirates-off-togo-navy> Four sailors, including 2 Filipinos, were kidnapped and a guard was shot and wounded when suspected pirates stormed an oil tanker off the coast of Togo on Monday, the country's navy said.

US Emphasizes International Resolve to Protect Gulf Security. *Asharq Al-Awsat.*

5 November 2019. Available from: <https://aawsat.com/english/home/article/1977126/us-emphasizes-international-resolve-protect-gulf-security> The US Central Command stressed that the International Multi-National Combined Maritime Exercise (IMX19), which kicked off on Monday, emphasized the "global resolve" to maintain regional security, stability, freedom of navigation and free flow of trade.

BIMCO and ICS publish new cyber security guide for crew on board. Aron Soerensen. *BIMCO.*

5 November 2019. Available from: <https://www.bimco.org/news/priority-news/20191105-new-cyber-security-guide> To help crew prepare, both on the bridge and in the engine room, the new "Cyber Security Workbook for On Board Ship Use" includes several checklists of how to protect, detect, respond and recover from a cyber incident, and thereby offers a practical and easy to use guide for the master and the officers. [The Guidelines on Cyber Security Onboard Ships](#) 

G7++ Friends of Gulf of Guinea Group summit underway in Accra. Iddi Yire. *Ghana News Agency.* 6 November 2019. Available from: <https://ghananewsagency.org/social/g7-friends-of-gulf-of-guinea-group-summit-underway-in-accra-159292> The three-day meeting, which is being co-chaired by Ghana and France, is on the theme "Working Together for the Common Security of the Gulf of Guinea".

Costs of abduction and ransom pile pressure on insurers. Adam Corbett. *TradeWinds.*


7 November 2019. Available from: <https://www.tradewindsnews.com/bulkers/costs-of-abduction-and-ransom-pile-pressure-on-insurers/2-1-701574> The two hijacking cases in West Africa in the past week will add to growing bills for underwriters.

Iran says 3 tankers attacked in Red Sea in six-month period, warns route unsafe.

Times of Israel. 7 November 2019. Available from: <https://www.timesofisrael.com/iran-says-three-tankers-attacked-in-red-sea-in-six-month-period/> Iranian tankers have been targeted in the Red Sea three times in a six-month period, the Islamic Republic said last week, warning the international community the shipping route was unsafe.

UK lowers security level for its ships in Strait of Hormuz. Kate Holton, Guy Faulconbridge and Jonathan Saul. *Reuters.* 7 November 2019. Available from: <https://reut.rs/2sUHsJC> Britain lowered its security risk level for UK-flagged ships travelling through the Strait of Hormuz on Thursday, more than a month after one of its tankers was finally released from detention by Iran.

US-led coalition launches operation to protect Gulf waters. *Aljazeera.* 7 November 2019.

Available from: <https://www.aljazeera.com/news/2019/11/led-coalition-launches-operation-protect-gulf-waters-191107145148132.html>  A US-led naval coalition officially launched operations in Bahrain on Thursday to protect shipping in the troubled waters of the Gulf, following a string of attacks that Washington and its allies blamed on Iran.

Iran warns IMO of "unsafe" waters following ship attack. Søren Pico. *ShippingWatch.*

8 November 2019. Available from: <https://shippingwatch.com/secure/carriers/Tanker/article11744246.ece> Iran has approached the UN's International Maritime Organization, IMO, to warn about what the country describes as "unsafe" commercial routes in the Red Sea, writes the Wall Street Journal, based on a letter sent by Iran on Oct. 30, according to the media.

Maritime Security in Gulf of Guinea: France advocates concerted efforts. *Business Ghana*. 11 November 2019. Available from:

<http://www.businessghana.com/site/news/general/200095/Maritime-Security-in-Gulf-of-Guinea:-France-advocates-concerted-efforts> Mrs Genevieve Darrieussecq, the Secretary of State to the French Minister for the Armed Forces, has advocated for concerted efforts to address the challenges of maritime security in the Gulf of Guinea.

The ICS and ECSA call for immediate and effective intervention after yet another attack in the Gulf of Guinea. *European Community Shipowners' Associations (ECSA)*. 13 November 2019.

Available from: <https://www.ecsa.eu/news/ics-and-ecsa-call-immediate-and-effective-intervention-after-yet-another-attack-gulf-guinea> The shipping industry is extremely concerned about the rise of armed attacks on merchant ships in the Gulf of Guinea.

'Moderate' threat to vessels as Mexican cartels vie for control. Gary Dixon. *TradeWinds*.

13 November 2019. Available from: <https://www.tradewindsnews.com/casualties/moderate-threat-to-vessels-as-mexican-cartels-vie-for-control/2-1-706002> Security consultancy Dryad Global has rated the threat to shipping off Mexico as "moderate" following a violent attack on an Italian offshore vessel this week.

Mombasa holds high level meeting to implement Maritime Security. *Kenya Broadcasting Corporation (KBC)*. 14 November 2019. Available from:

<https://www.kbc.co.ke/mombasa-holds-high-level-meeting-to-implement-maritime-security/> A high level meeting is underway in Mombasa to implement the Djibouti Code of Conduct (DCoC) that has been instrumental in repressing piracy and armed robbery against ships in the western Indian Ocean and the Gulf of Aden.

Yemen's Houthis say they will release seized ships if Korean. Aziz El Yaakoubi and Hyunjoon Jin.

Reuters. 18 November 2019. Available from: <https://www.reuters.com/article/us-yemen-security/saudi-led-coalition-says-yemens-houthis-seize-ship-in-red-sea-idUSKBN1XS1ZG> Yemen's Iran-aligned Houthi movement said on Tuesday it would release vessels it had captured if they prove to be South Korean, after it seized a rig being towed by a Saudi tugboat in the southern Red Sea.

Maritime Interdiction in the Gulf of Guinea. Chinecherem Ojiako. *This Day (Nigeria)*.

18 November 2019. Available from: <https://www.thisdaylive.com/index.php/2019/11/18/maritime-interdiction-in-the-gulf-of-guinea/> Chinecherem Ojiako writes that as part of ongoing efforts to counter piracy, crude oil theft and other maritime crimes in the Gulf of Guinea, the Nigerian Navy recently partnered its French counterpart, other international and regional navies on Exercise Grand African NEMO.

2 S. Koreans seized by Houthi rebels in Red Sea: Seoul officials. *Yonhap News Agency (South Korea)*. 19 November 2019. Available from:

<https://en.yna.co.kr/view/AEN20191119002851325> Houthi rebels in Yemen seized three boats carrying two South Koreans and 14 others in the Red Sea this week, and all of them have been confirmed to be safe, Seoul's foreign ministry said Tuesday.

Houthi rebels release three ships after hijacking. Ritzau Finans. *ShippingWatch*.

20 November 2019. Available from: <https://shippingwatch.com/secure/carriers/article11768118.ece> Yemen's Houthi rebels have released three international ships with 16 people on board, says South Korea's defense ministry.

Civilian CSDP: coordinating international support for maritime security in Somalia.

European Union. 20 November 2019. Available from:

https://eeas.europa.eu/headquarters/headquarters-homepage/70739/civilian-csdp-coordinating-international-support-maritime-security-somalia_en The civilian CSDP Mission EUCAP Somalia advises local authorities how to take ownership of security and rule of law in Somalia's coastal regions.

U.S., U.K., Japan Navies Reaffirm Commitment to Increased Cooperation. *United States Navy*.

20 November 2019. Available from:

https://www.navy.mil/submit/display.asp?story_id=111482 Chief of Naval Operations (CNO) Adm. Mike Gilday joined First Sea Lord, United Kingdom Royal Navy Adm. Tony Radakin and Chief of Staff of the Japan Maritime Self-Defence Force Adm. Hiroshi Yamamura for a trilateral maritime discussion onboard HMS Queen Elizabeth (R08) anchored outside Annapolis, Nov. 20.

U.S. and France vie to bolster Gulf security after Saudi oil attack. Stephen Kalin and

Ghaida Ghantous. *Reuters*. 23 November 2019. Available from: <https://www.reuters.com/article/us-bahrain-summit/u-s-and-france-vie-to-bolster-gulf-security-after-saudi-oil-attack-idUSKBN1XX0MP>

The United States and France are boosting Saudi Arabia's radar systems following crippling drone and cruise missile attacks on Saudi oil infrastructure in September, which Washington blames on Iran.

Maritime security linked to economic prosperity, Saudi forum told. *Arab News (Saudi Arabia)*.

27 November 2019. Available from: <https://www.arabnews.com/node/1590266/saudi-arabia>

The first Saudi International Maritime Forum concluded on Tuesday in Riyadh with calls for increased cooperation and coordination to counter threats to maritime security.

MIGRANTS

Mediterranean Migrant Arrivals Reach 87,315 in 2019; Deaths Reach 1,087. *International*

Organization for Migration (IOM). 1 November 2019. Available from:

<https://www.iom.int/news/mediterranean-migrant-arrivals-reach-87315-2019-deaths-reach-1087>

IOM, the UN Migration Agency, reports that 87,315 migrants and refugees have entered Europe by sea through 30 October, a 12% decrease from the 99,122 arriving during the same period last year.

Channel migrants: Five boats head to England each week. Colin Campbell. *BBC News*.

4 November 2019. Available from: <https://www.bbc.co.uk/news/uk-england-kent-50255360>

More than five small boats carrying migrants set sail for England on average each week this year, new figures show.

Mediterranean Migrant Arrivals Reach 89,997 in 2019; Deaths Reach 1,090. *International*

Organization for Migration (IOM). 8 November 2019. Available from:

<https://www.iom.int/news/mediterranean-migrant-arrivals-reach-89997-2019-deaths-reach-1090>

IOM reports that 89,997 migrants and refugees have entered Europe by sea through 6 November, roughly an 11 per cent decrease from the 101,185 arriving during the same period last year.

Channel migrants: Border Force intercepts boat carrying 22 people at Dover. *BBC News*.

11 November 2019. Available from: <https://www.bbc.co.uk/news/uk-england-kent-50367348> Border Force said it was alerted to an inflatable boat travelling across the English Channel towards the coast at about 07:00 GMT.

Mediterranean Migrant Arrivals Reach 91,568 in 2019; Deaths Reach 1,091. *International Organization for Migration (IOM)*. 15 November 2019. Available from:

<https://www.iom.int/news/mediterranean-migrant-arrivals-reach-91568-2019-deaths-reach-1091>

IOM reports that 91,568 migrants and refugees have entered Europe by sea through 13 November, roughly an 11 per cent decrease from the 103,347 arriving during the same period last year.

Mediterranean Migrant Arrivals Reach 95,600 in 2019; Deaths Reach 1,091. *International Organization for Migration (IOM)*. 22 November 2019. Available from:

<https://www.iom.int/news/mediterranean-migrant-arrivals-reach-95600-2019-deaths-reach-1091>

IOM reports that 95,600 migrants and refugees have entered Europe by sea through 20 November, roughly an 8 per cent decrease from the 104,535 arriving during the same period last year.

Italian coastguards rescue 143 migrants from sea. *The Local (Italy)*. 24 November 2019.

Available from: <https://www.thelocal.it/20191124/italian-coast-guards-rescue-143-migrants-from-l>

Italian coast guards on Saturday said they had rescued 143 migrants off the island of Lampedusa although around 20 others were apparently missing according to the survivors.

Deaths Rise on Central Mediterranean with Latest Lampedusa Tragedy. *International Organization for Migration (IOM)*. 26 November 2019. Available from:

<https://www.iom.int/news/deaths-rise-central-mediterranean-latest-lampedusa-tragedy> Twenty-one

people lost their lives in a shipwreck off the coast of Lampedusa, Italy, on Saturday (23/11) when a boat, carrying 170 Europe-bound migrants, capsized 1.6km from the island as it was being escorted by the coast guard.

NAVIGATION & COMMUNICATIONS

China Coast Guard Challenges Merchant Ship Near Contested Reef. *Maritime Executive*.

4 November 2019. Available from: <https://maritime-executive.com/article/china-coast-guard-challenges-merchant-ship-near-contested-reef> During a recent transit past disputed Scarborough Shoal in the South China Sea, the Greek-owned tanker *Green Aura* was harassed by Chinese government vessels, her master told Philippine media last week.

Satellite tracking shows how ships affect clouds and climate. Hayley Dunning. *Imperial College*

London. 5 November 2019. Available from: <https://www.imperial.ac.uk/news/193727/satellite-tracking-shows-ships-affect-clouds/> When ships burn fossil fuels, they release airborne particles containing various naturally occurring chemicals, including sulphur.

Do you know that in an overtaking situation vessels spend far greater time in close proximity than at any other time. *GARD*. 5 November 2019. Available from:

<http://www.gard.no/web/updates/content/28625786/do-you-know-that-in-an-overtaking-situation-vessels-spend-far-greater-time-in-close-proximity-than-at-any-other-time> An overtaking situation

might not be clear cut every time.

Captain among hostages as JJ Uglund considers route change. Gary Dixon. *TradeWinds*.

6 November 2019. Available from: <https://www.tradewindsnews.com/bulkers/captain-among-hostages-as-jj-uglund-considers-route-change/2-1-701701> Norway's JJ Uglund is considering whether it will continue to operate off West Africa following the abduction of nine crew from its bulker *Bonita* on Saturday.

New report highlights health, nature and climate benefits of reducing ship speeds.

Seas at Risk. 11 November 2019. Available from: <https://seas-at-risk.org/18-shipping/992-new-report-highlights-health-nature-and-climate-benefits-of-reducing-ship-speeds.html> On the eve of the latest round of UN ship climate negotiations at the International Maritime Organisation in London, a new report published by Seas at Risk and Transport & Environment has highlighted how slower ship speeds would massively reduce the damage shipping is causing to human health, nature and the climate. [The multi-issue mitigation potential of reducing ship speeds](#) 

The World's First Hybrid Electric-Powered Cruise Ship Brings More Sustainable Travel To The Seas.

Theresa Christine. *Forbes*. 13 November 2019. Available from: <https://www.forbes.com/sites/theresachristine/2019/11/13/the-worlds-first-hybrid-electric-powered-cruise-ship-brings-more-sustainable-travel-to-the-seas/> The world's first hybrid electric-powered cruise ship, the MS Roald Amundsen from Hurtigruten, just completed its first voyage to Antarctica with 431 passengers.

Shipping on Northern Sea Route up 63 percent.

Atle Staalesen. *Independent Barents Observer (Norway)*. 15 November 2019. Available from: <https://thebarentsobserver.com/en/industry-and-energy/2019/11/shipping-northern-sea-route-63-percent> Russia's development of the Arctic shipping route proceeds ahead of schedule.

Venezuela said secretly exporting millions of barrels of oil as tankers turn off transponders.

Japan Times. 15 November 2019. Available from: <https://www.japantimes.co.jp/news/2019/11/15/business/venezuela-said-secretly-exporting-millions-barrels-oil-tankers-turn-off-transponders> The Dragon, a massive oil tanker flying the Liberian flag, is supposed to be floating somewhere off the coast of France, according to its last GPS signal.

NOAA seeks public comment on ending production of traditional paper nautical charts.

US National Oceanic and Atmospheric Administration (NOAA). 15 November 2019. Available from: <https://www.nauticalcharts.noaa.gov/updates/noaa-seeks-public-comment-on-ending-production-of-traditional-paper-nautical-charts/> Chart users, companies that provide products and services based on NOAA raster and electronic navigational chart (NOAA ENC®) products, and other stakeholders can help shape the manner and timing in which the product sunset process will proceed.

Arctic Ocean could be ice-free for part of the year as soon as 2044.

Katharine Reich. *University of California*. 18 November 2019. Available from: <https://www.universityofcalifornia.edu/news/arctic-ocean-could-be-ice-free-part-year-soon-2044> But according to a new study by UCLA climate scientists, human-caused climate change is on track to make the Arctic Ocean functionally ice-free for part of each year starting sometime between 2044 and 2067.

Regulating the booming Arctic cruise industry is proving frustratingly difficult.

Natasha Frost. *Quartz*. 19 November 2019. Available from: <https://qz.com/1751833/who-regulates-the-arctic-cruise-industry/> For wealthy boomers with cash to splash, luxury doesn't necessarily look like poolside mojitos or glistening golden sands.

3D technologies used for the first time to map Seychelles' Fregate island marine habitats.

Salifa Karapetyan. *Seychelles News Agency*. 21 November 2019. Available from: <http://www.seychellesnewsagency.com/articles/11988/D+technologies+used+for+the+first+time+to+map+Seychelles+Fregate+island+marine+habitats> State of the art technologies, such as 3D virtual reef mosaics, will be used to raise public awareness of the threats facing coral reefs and marine conservation.

Mysteries of the Middle East Gulf: proxies, drones and spoofing. Craig Jallal. *Tanker Shipping & Trade*. 21 November 2019. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/mysteries-of-the-middle-east-gulf-proxies-drones-and-spoofing-56894> Tanker operators facing calculated intimidation, passive aggression, indirect and direct attacks on vessels and bare-faced denial – welcome to the Middle East Gulf.

How the Suez Canal will continue to change Mediterranean Sea. Marc Espanol. *Al-Monitor*. 24 November 2019. Available from: <https://www.al-monitor.com/pulse/originals/2019/11/egypt-suez-canal-changes-mediterranean-environment-economy.html> Since the opening of the Suez Canal, the renowned waterway connecting the Red Sea to the Mediterranean Sea, its environmental impact has been a matter of concern, with the arrival of nonindigenous species from other regions.

Riyadh maritime forum discusses ways of protecting Mideast region's sea lanes. Noor Nugali. *Arab News (Saudi Arabia)*. 25 November 2019. Available from: <https://www.arabnews.com/node/1589236/saudi-arabia> Riyadh is hosting an international maritime forum attended by 15 countries that will discuss the importance of securing strategic sea lanes.

Rosatom says shipping is up on the Arctic – despite environmental concerns. Charles Digges. *Bellona Foundation*. 26 November 2019. Available from: <https://bellona.org/news/arctic/2019-11-rosatom-says-shipping-is-up-on-the-arctic-despite-environmental-concerns> Shipping through Russia's remote arctic artery, the Northern Sea Route, has increased by 63 percent over last year's figures, signaling a major uptick in fossil fuel exports from Siberia's icy polar coast.

PIRACY

West Africa seas world's most dangerous for piracy – IMB. Roy Mabasa. *Manila Bulletin*. 7 November 2019. Available from: <https://news.mb.com.ph/2019/11/07/west-africa-seas-worlds-most-dangerous-for-piracy-imb/> Even before the two kidnapping incidents happened in Benin and Togo where at least 11 Filipino seafarers were taken as hostages by pirates, the International Maritime Bureau (IMB) had already declared that the seas around West Africa remain the world's most dangerous for piracy.

Pirates in Gulf of Guinea switch from oil to kidnapping seafarers. Matt Coyne. *TradeWinds*. 7 November 2019. Available from: <https://www.tradewindsnews.com/casualties/pirates-in-gulf-of-guinea-switch-from-oil-to-kidnapping-seafarers/2-1-701302> With kidnappings in the Gulf of Guinea on the rise, it would appear that pirates now view ransom, as opposed to oil theft, as their new moneymaker.

He was hijacked by pirates - and then mistaken for one. Tomi Oladipo. *Mail & Guardian (South Africa)*. 8 November 2019. Available from: <http://atavist.mg.co.za/he-was-hijacked-by-pirates-and-then-mistaken-for-one> The Gulf of Guinea, off the West African coastline, is probably the world's most dangerous sea route.

West Africa grapples with piracy in Gulf of Guinea hotspot. *Independent (Uganda)*. 9 November 2019. Available from: <https://www.independent.co.ug/west-africa-grapples-with-piracy-in-gulf-of-guinea-hotspot/> Guns ready, black-clad officers clamber up a rope ladder and fan out across the decks, looking for pirates believed to have taken the crew hostage.

Urgent regional cooperation needed to tackle rising piracy attacks in Gulf of Guinea.

International Transport Workers' Federation (ITF). 11 November 2019. Available from: <https://www.itfglobal.org/en/news/urgent-regional-cooperation-needed-tackle-rising-piracy-attacks-in-gulf-guinea> Following the attack of two vessels in the Gulf of Guinea last week, the International Transport Worker' Federation today called for urgent global and regional cooperation to fight piracy in the region.

Crew shot and beaten as pirates raid PSV off Mexico. Gary Dixon. *TradeWinds*.

12 November 2019. Available from: <https://www.tradewindsnews.com/offshore/crew-shot-and-beaten-as-pirates-raid-psv-off-mexico/2-1-705118> The attack involved between seven and eight gunmen who approached the 2,700-dwt *Remas* (built 2011) using two speedboats on Monday in the Gulf of Mexico.

Italian ship attacked by pirates in Mexico, two crew hurt. Lizbeth Diaz, Marianna Parraga and Ana Isabel Martinez. *Reuters*. 12 November 2019. Available from:

<https://www.reuters.com/article/us-mexico-ship-piracy/italian-ship-attacked-by-pirates-in-mexico-two-crew-hurt-idUSKBN1XM2YG> Pirates attacked an Italy-flagged offshore supply vessel in the southern Gulf of Mexico, injuring two crew members, the Mexican Navy said on Tuesday, in the latest outbreak of robbery and piracy to hit oil platforms and infrastructure in the area.

Fighting piracy in the Gulf of Guinea needs a radical rethink. Dirk Siebels. *The Conversation*.

18 November 2019. Available from: <https://theconversation.com/fighting-piracy-in-the-gulf-of-guinea-needs-a-radical-rethink-127032> The *Bonita* had been anchored off Benin for several days, waiting for a berth in the port of Cotonou. On November 2, 2019 the crew had a traumatic awakening.

Seven Kidnapped from Swire Anchor Handler in Gulf of Guinea. *Maritime Executive*.

25 November 2019. Available from: <https://www.maritime-executive.com/article/seven-kidnapped-from-swire-offshore-tug-in-gulf-of-guinea> Singapore-based offshore vessel operator Swire Pacific Offshore (SPO) confirmed Sunday that pirates attacked the anchor handler Pacific Warden off the coast of Equatorial Guinea last week.

PORT STATE CONTROL

Foreign flagged ships detained in the UK during October 2019 *UK Maritime & Coastguard*

Agency. 12 November 2019. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-october-2019> The Maritime and Coastguard Agency (MCA) announced today that six foreign flagged ships remained under detention in UK ports during October 2019 after failing port state control (PSC) inspection.

PORTS & HARBOURS

SmartPort announces partnership with new partner MARIN. *Port of Rotterdam*. 30 October 2019.

Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/smartport-announces-partnership-with-new-partner-marin> SmartPort sees MARIN's knowledge and skills as a welcome addition to provide a scientific foundation for future issues faced by the port of Rotterdam.

Panama Canal, AMP Upgrade Maritime Single Window. *World Maritime News*. 4 November 2019. Available from: <https://worldmaritimeneeds.com/archives/285799/panama-canal-amp-upgrade-maritime-single-window/> The parties explained that the joint effort would “not only further optimize national maritime procedures required for international vessels visiting Panama, but also demonstrates how technology can be leveraged to improve efficiency and reduce carbon dioxide emissions in the logistics industry.”

Fact or Fiction: Murmurs of ISPS Code Fail, Scarcity of Ships at Liberia’s Gateway. *Front Page Africa (Liberia)*. 6 November 2019. Available from: <https://frontpageafricaonline.com/news/fact-or-fiction-murmurs-of-isps-code-fail-scarcity-of-ships-at-liberias-gateway/> The National Port Authority, regarded as the gateway to Liberia has been shrouded in speculations of late amid reports the number of ships docking at the Freeport has taken a dip in recent months.

The Port of Ceuta comes early with regards to the IMO 2020 regulations and begins to operate in the supply of low sulphur marine fuel oil. *Government of Spain*. 7 November 2019. Available from: <https://bit.ly/2PrhCED> The Port of Ceuta already sells low sulphur marine fuels before the deadline to the limitations of the new IMO 2020 international standard, which will enter into force on 1st January.

Oslo's Ambitious Plan to Decarbonize Its Port. Tracey Lindeman. *CityLab*. 8 November 2019. Available from: <https://www.citylab.com/environment/2019/11/oslo-port-shipping-emissions-climate-plan-electric-ferries/601378/> The edge of Oslo’s Ekeberg Hill gives quiet, unobstructed views of the Nordic city’s islands and bustling port.

Container transport by E-trucks throughout the port in the pipeline. *Port of Rotterdam*. 11 November 2019. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/container-transport-by-e-trucks-throughout-the-port-in-the-pipeline> The Port of Rotterdam Authority, together with Transport en Logistiek Nederland (TLN), has commissioned an exploratory study to gain better insight into the feasibility of making container transport by road more sustainable in the port area.

Egypt discreetly marks Suez Canal's 150th anniversary. Emmanuel Parisse. *Phys.org*. 11 November 2019. Available from: <https://phys.org/news/2019-11-egypt-discreetly-suez-canal-150th.html> Since the Suez Canal was inaugurated amid pomp and ceremony 150 years ago, it has become one of the world's most important waterways.

Belgium's Euronav picks Malaysia port as eastern supply base for marine fuels. Roslan Khasawneh. *Reuters*. 12 November 2019. Available from: <https://reut.rs/35agMTG> Belgian tanker operator Euronav signed a service agreement on Tuesday making Malaysia’s Linggi Port its supply base providing low-sulphur marine fuels and other services for ships plying East-of-Suez routes, the port operator said.

Nordic Ports for a Sustainable Future. *Copenhagen Malmö Port*. 12 November 2019. Available from: <http://www.cmport.com/news-and-media/pressreleases/2019/2019-11-12> Ten ports in the Nordic Region have agreed upon a declaration focusing on sustainable port management. [Declaration](#)

Safeguarding the development of sustainable cruise activity: A priority for European ports. *European Sea Ports Organisation (ESPO)*. 12 November 2019. Available from: <https://www.espo.be/news/safeguarding-the-development-of-sustainable-cruise> The vicinity to Europe’s cultural heritage and main must-sees makes many European port cities attractive tourist destinations.

New Kisumu Port ready for launch, says PS. Kevine Omollo. *Standard Digital (Kenya)*.

13 November 2019. Available from: <https://www.standardmedia.co.ke/article/2001349157/new-kisumu-port-ready-for-launch-says-ps> Four principal secretaries yesterday visited the Kisumu Port as part of preparations for its official opening by President Uhuru Kenyatta.

Ports survey shows importance of spending on climate-resistant infrastructure.

Sam Chambers. *Splash 247.com*. 13 November 2019. Available from: <https://splash247.com/ports-survey-shows-importance-of-spending-on-climate-resistant-infrastructure/> Ports covering every major ocean as well as inland ports and waterways have confirmed the increase in frequency and severity of extreme weather events and the serious impact these have had on infrastructure and operations.

Interview with Alexis Rodriguez, Environmental Protection Specialist for the Panama Canal.

S&P Global Platts. 13 November 2019. Available from: <https://bit.ly/2P1nA06> Platts Shipping editors Sam Eckett and George Griffiths interview Alexis Rodriguez on environmental initiatives by the Panama Canal ahead of IMO 2020.

Broad coalition from Greenpeace to Port Authority call for incentives for hydrogen investments.

Port of Rotterdam. 15 November 2019. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/broad-coalition-from-greenpeace-to-port-authority-call-for-incentives-for> Green hydrogen is vital to the energy transition, but the development of hydrogen projects is currently too slow.

Ports of Los Angeles and Copenhagen Malmö Port sign collaborative agreement on sustainability, environment.

Port of Los Angeles. 18 November 2019. Available from: https://www.portoflosangeles.org/references/news_111819_copenhagen_mou The Ports of Los Angeles and Copenhagen Malmö Port AB (CMP) have entered into a five-year Memorandum of Understanding (MOU) to collaborate on sustainability and environmental issues.

United Nations of ports. Kim Link-Wills. *Freight Waves*. 26 November 2019. Available from:

<https://www.freightwaves.com/news/united-nations-of-ports> The work of the Inter-American Committee on Ports (CIP) of the Organization of American States (OAS) is as diverse as the hemisphere it serves.

NPA, Port Of Antwerp Sign MoU Towards Operational Efficiency. *Nigerian Ports Authority*.

27 November 2019. Available from: <https://nigerianports.gov.ng/2019/11/27/press-release-npa-port-of-antwerp-sign-mou-towards-operational-efficiency/> The Management of the Nigerian Ports Authority (NPA) and the Port of Antwerp Belgium have signed a Memorandum of Understanding (MoU) towards operational efficiency in line with the desire to deepen the mutual beneficial relationship existing between the two Ports.

Shipping Emissions in Spotlight at Israel Ports. *Ship & Bunker*. 28 November 2019.

Available from: <https://shipandbunker.com/news/world/700618-shipping-emissions-in-spotlight-at-israeli-ports> A survey of ship emissions conducted for Israel's environment ministry has concluded that ship calls to the ports of Haifa and Ashod are responsible for 6% to 15% of all emissions hazardous to human health in Israel.

REGULATIONS

Russia suggests to delay IMO 2020 rules in Eurasian Economic Union waters until 2024. *S&P Global Platts*. 29 October 2019. Available from: <https://bit.ly/2LyfkCA> Russia proposes to hold off a tougher international sulfur cap on marine fuel emissions until 2024 for river vessels in the Eurasian Economic Union, a spokesman for the Ministry of Energy said Tuesday.

Sulfur cap 2020 update. *The American Club*. 30 October 2019. Available from: https://www.american-club.com/files/files/MA_103019_Sulfur_Cap_2020_Update.pdf In view of the fast approaching IMO 2020 legislation, Members are reminded of some important issues to consider and ensure to have in place prior to January 1, 2020 including preparations for port State control (PSC) inspections.

Insurance and IMO 2020 set to hit ship operating costs. Adam Corbett. *TradeWinds*. 1 November 2019. Available from: <https://www.tradewindsnews.com/insurance/insurance-and-imo-2020-set-to-hit-ship-operating-costs/2-1-698950> Accountancy firm BDO is predicting a rise in vessel operating costs for shipowners due to hardening insurance rates and incoming regulation.

European HSFO market remains liquid ahead of IMO 2020. Tamara Sleiman and James Goldburn. *S&P Global Platts*. 1 November 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/110119-feature-european-hsfo-market-remains-liquid-ahead-of-imo-2020> The high sulfur fuel oil market in Europe remains fairly liquid with only two month to go until a lower sulfur cap on marine fuel comes into force on January 1 and removes, at a stroke, a large part of current demand for HSFO.

OPEC predicts easier market transition for IMO 2020 marine fuel rules. Herman Wang. *S&P Global Platts*. 5 November 2019. Available from: <https://bit.ly/2Pq0wXT> Marine fuel regulations on sulfur that go into effect January 1 will have a less disruptive—but still considerable—impact to the oil market than previously feared, OPEC said Tuesday.

Sulphur 2020: Checkpoint for charterers. *Lloyd's Register*. 5 November 2019. Available from: <https://www.lr.org/en/insights/articles/sulphur-2020-checkpoint-for-charterers/> With the clock ticking, Chris Hughes, LR's Global Lead, Shipping Markets, appointed in September, hopes to provide charterers and cargo interests with the tools to seek assurances that the right measures have been put in place to mitigate the risk of port detention due to non-compliance with MARPOL Annex VI Regulation 14.1.3.

'Oil majors ready with very low sulphur fuels for shipping industry'. *The Hindu (India)*. 6 November 2019. Available from: <https://www.thehindu.com/news/cities/chennai/oil-majors-ready-with-very-low-sulphur-fuels-for-shipping-industry/article29892250.ece> State-run oil companies Indian Oil Corporation (IOC) and Hindustan Petroleum Corporation (HPC) are gearing up to meet the International Maritime Organisation's (IMO) deadline of ships using fuel oil with very low content of sulphur from January 1, 2020.

For Global Ship Lease, small is beautiful — and so is IMO 2020. Chris Dupin. *Freight Waves*. 6 November 2019. Available from: <https://www.freightwaves.com/news/for-global-ship-lease-small-is-beautiful-and-so-is-imo-2020> The ship charterer Global Ship Lease Inc. (NYSE:GSL) reported higher earnings and revenue for the third quarter of 2019 when compared with the same period last year.

Ministries respond to public concerns. *Government of China.* 7 November 2019. Available from: http://english.www.gov.cn/statecouncil/ministries/201911/07/content_WS5dc36fcdc6d0bcf8c4c16ad5.html In order to implement the International Maritime Organization's guidance on sulfur limits, the plan clarifies the measures to be taken in dealing with ships that do not meet fuel standards, establishes a nationwide system to report information about ship fuel, and strengthens the supervision of ships on international routes arriving in Chinese waters.

Why 2020 could be a crisis year for refiners. *RT (Russia).* 11 November 2019. Available from: <https://www.rt.com/business/473153-oil-refiners-crisis-2020/> New fuel specifications are set to send shockwaves through oil markets, but a new wave of low-sulphur fuel oil coming online could create a new market-crippling glut.

IMO 2020 is coming. *Wood Mackenzie.* 12 November 2019. Available from: <https://www.woodmac.com/news/editorial/imo-2020-is-coming-part-1/> The challenges in predicting winter heating demand for distillate, coupled with the uncertainty of how IMO 2020 will affect distillate supply/demand balances and product flows, highlight the importance of our near-real-time fundamental data.

What shipowners, refiners, and traders should know about IMO 2020. Emily Billing and Tim Fitzgibbon. *McKinsey & Company.* 12 November 2019. Available from: <https://www.mckinsey.com/industries/oil-and-gas/our-insights/what-shipowners-refiners-and-traders-should-know-about-imo-2020> Despite early talk of a possible delay, IMO 2020 will take effect on January 1, 2020.

China Maritime Safety Administration issues IMO 2020 compliance notice. *Manifold Times (Singapore)* 14 November 2019. Available from: <https://www.manifoldtimes.com/news/d/china-maritime-safety-administration-issues-imo-2020-compliance-notice> The China Maritime Safety Administration (MSA) has issued the 'Implementation plan of 2020 global sulphur limit' circular for the shipping industry, according to The Standard Club.

Malaysia releases shipping notice on IMO 2020 sulphur rule implementation. *Manifold Times (Singapore).* 15 November 2019. Available from: <https://www.manifoldtimes.com/news/d/malaysia-releases-shipping-notice-on-imo-2020-sulphur-rule-implementation> Jabatan Laut Malaysia, known as Marine Department Malaysia, on Monday (11 November) released a shipping notice regarding the implementation of IMO 2020 sulphur regulations for the country.

Malaysia bans open-loop ship scrubbers ahead of IMO 2020 rule. Joseph Sipalan. *Reuters.* 19 November 2019. Available from: <https://reut.rs/38iNh3O> Malaysia has prohibited the use of open-loop scrubbers by ships plying Malaysian waters, as Southeast Asia's third-largest economy joins the growing number of nations adopting new industry guidelines on reducing sea pollution.

Requirements for ships installed Exhaust Gas Cleaning System (EGCS – Scrubber) and the Discharge of Residue and Washwater to the Sea. *Government of Malaysia.* November 2019. Available from: <http://www.marine.gov.my/jlmv4/sites/default/files/MSN072019.pdf> This notice is to inform the shipping community on the requirement Regulation 14.1, Annex VI of MARPOL 73/78 for ships installed with the EGCS.

Scrubber notifications in ECAs established within the US. *Safety4Sea.* 19 November 2019. Available from: <https://safety4sea.com/scrubber-notifications-in-ecas-established-within-the-us/> The Office of Commercial Vessel Compliance issued CG-CVC Policy Letter 12-04 in 2012 asking for correspondence from flag administrations regarding equivalencies for exhaust gas cleaning systems (scrubbers) under MARPOL Annex VI Regulation 4.

Indonesia Ministry of Transport confirms country's IMO 2020 decision.

Manifold Times (Singapore). 22 November 2019. Available from:

<https://www.manifoldtimes.com/news/d/indonesia-ministry-of-transport-confirms-countrys-imo-2020-decision> The Directorate General of Sea Communication (Ministry of Transport) of Indonesia, which governs the country's shipping industry, in October issued a statement confirming its compliance with the upcoming IMO 2020 regulation.

It's make or break with IMO 2020. Peter Buxbaum. *American Journal of Transportation (AJOT)*.

25 November 2019. Available from: <https://ajot.com/premium/ajot-its-make-or-break-with-imo-2020>

On September 1st *Zeamarine*, one of the largest breakbulk operators in the world, announced a bunker adjustment policy related to IMO 2020—the International Maritime Organization's (IMO) regulation to limit maritime emissions.

INTERVIEW: COPEC Discusses IMO2020 Supply Plans. Brenda Badilla. *Ship & Bunker*.

27 November 2019. Available from: <https://shipandbunker.com/news/am/188789-interview-copec-discusses-imo2020-supply-plans>

With IMO2020 now a little over a month away, Copec Marine Fuels (Copec) this month is one of the many bunker suppliers to commence deliveries of VLSFO fuel to their customers.

Cheaper fuel rescues box carriers' Q3 margins, but IMO 2020 looms. Mike Wackett.

The Loadstar. 27 November 2019. Available from: <https://theloadstar.com/cheaper-fuel-rescues-box-carriers-q3-margins-but-imo-2020-looms/>

Cheaper fuel prices saw ocean carriers improve their average operating margin to 3.6% in the third quarter.

Monjasa adds USD 160m in extended credit facilities in preparation for IMO 2020. *Monjasa*.

27 November 2019. Available from: <https://monjasa.com/news-archive/monjasa-adds-usd-160m-in-extended-credit-facilities-in-preparation-for-imo-2020/>

Global oil and shipping group, Monjasa, welcomes four new banks in 2019 and increases its overall credit facilities by an additional total of USD 160m.

Greek Shipping Minister calls for IMO 2020 delay over safety fears. David Glass. *Seatrade*

Maritime News. 29 November 2019. Available from: <https://www.seatrade-maritime.com/regulation/greek-shipping-minister-calls-imo-2020-delay-over-safety-fears>

The Greek government caused a stir as IMO launched its 31st general assembly when the country's Shipping minister suggested the IMO 2020 sulphur cap ought to be delayed over safety fears.

South Korean refiners best prepared in Asia for low sulfur marine fuel market. *Hellenic*

Shipping News. 29 November 2019. Available from: <https://www.hellenicshippingnews.com/south-korean-refiners-best-prepared-in-asia-for-low-sulfur-marine-fuel-market/>

South Korean refiners are the best prepared in Asia for the low sulfur marine fuel market next year after completing rigorous upgrades to maximize cleaner oil products output, while their flexible sweet crude procurement stance bodes well for the ample production of straight-run low sulfur fuels.

Bunker fuel quality remains a pressing concern as IMO 2020 nears. Surabhi Sahu. *S&P Global*

Platts. 29 November 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/112919-bunker-fuel-quality-remains-a-pressing-concern-as-imo-2020-nears>

Bunker fuel quality issues continue to persist in the industry, even as fuel management is set to become more critical, ahead of the International Maritime Organization's, or IMO, January 2020 low sulfur global marine fuels mandate, sources at an industry event in Singapore said this week.

SALVAGE

Now, Goa chief minister Pramod Sawant says Dutch firm to remove naphtha from *Nalini*.

Murari Shetye. *Times of India*. 13 November 2019. Available from:

<https://timesofindia.indiatimes.com/city/goa/now-cm-says-dutch-firm-to-remove-naphtha-from-nalini/articleshow/72030423.cms> Chief minister Pramod Sawant said on Tuesday that the

Netherlands-based company Marine Masters would salvage *Nu-Shi Nalini*, which is stranded off Dona Paula, and remove the naphtha from it.

SEAFARERS

Female maritime cadets aim high on high seas. *Loop Pacific*. 30 October 2019. Available from:


<http://www.looppng.com/png-news/female-maritime-cadets-aim-high-high-seas-87939> From Papua New Guinea to Singapore, New Caledonia, Fiji and Australia, five young Papua New Guinean women are following their dreams of becoming future deck officers in the maritime industry.

Norwegian ships will continue hiring seafarers from the Philippines. Zazithorn Ruengchinda.

ScandAsia.com. 31 October 2019. Available from: <https://scandasia.com/norwegian-ships-will-continue-hiring-seafarers-from-the-philippines/>

Mr. Harald Solberg, chief executive officer of the Norwegian Shipowners' Association (NSA), says the Norwegian shipowners will continue to hire seafarers from the Philippines.

Seafarer Mental Health Study: Final Report. *ITF Seafarers' Trust and Yale University*.

October 2019. Available from: <https://www.seafarerstrust.org/new-study-warns-of-extreme-mental-health-risks-to-seafarers/> For the first time the study also identified a link between depression, anxiety and suicidal thoughts and a likely increase in injury and illness. [Final Report](#) 

ITF and Saudi Arabia commit to work closer together to support seafarers. *International Transport Workers' Federation (ITF)*. 1 November 2019. Available from:

<https://www.itfglobal.org/en/news/itf-and-saudi-arabia-commit-work-closer-together-support-seafarers>

The International Transport Workers' Federation (ITF) and the Kingdom of Saudi Arabia have committed to work closer together to support seafarers calling in all Saudi Arabia ports.

Norway's Uglund says nine crew abducted by pirates from vessel off Benin. Terje Solsvik.

Reuters. 3 November 2019. Available from: <https://reut.rs/38jKvLJ> A vessel owned by Norwegian shipping firm J.J. Uglund was boarded by pirates while at anchor off the coast of Benin on Saturday, and nine crew members were kidnapped, the company said on Sunday.

Four seafarers kidnapped in second West Africa pirate attack. Marcus Hand. *Seatrade Maritime*

News. 5 November 2019. Available from: <https://www.seatrade-maritime.com/news/middle-east-africa/four-seafarers-kidnapped-in-second-west-africa-pirate-attack/> Pirates have hit a second vessel within days in West Africa kidnapping four seafarers from the Greek tanker *Elka Aristotle* off Lome, Togo.

Filipino seafarers' employer coordinating with Togo authorities. Ferdinand Patinio. *Philippines*

News Agency. 5 November 2019. Available from: <https://www.pna.gov.ph/articles/1085133>

The Department of Labor and Employment (DOLE) on Tuesday said the employer of the two Filipino seafarers who were reportedly abducted by armed pirates in Greece is coordinating with local authorities for the safety and immediate release of the captives.

Seafarers' mental health and wellbeing. *Institution of Occupational Safety and Health (IOSH)*. 6 November 2019. Available from: <https://www.iosh.com/seafarerswellbeing> This research, conducted by Cardiff University, set out to discover the extent of mental health risks on vessels, what the causes are and what can be done to improve mental wellbeing among seafarers. [Summary Report](#) [Full Report](#)

Norwegian shipping firm ordered to help families of kidnapped Filipinos seamen. Roy Mabasa. *Manila Bulletin*. 7 November 2019. Available from: <https://news.mb.com.ph/2019/11/07/norwegian-shipping-firm-ordered-to-help-families-of-kidnapped-filipinos-seamen/> A top official of the Norwegian shipping company that owns *M/V Bonita* has ordered his firm to “care for and comfort” the families of the nine Filipino seafarers who were abducted off the coast of Benin on Saturday.

Indian seafarers abandoned and adrift on land. M. Kalyanaraman. *The Hindu (India)*. 10 November 2019. Available from: <https://www.thehindu.com/news/national/indian-seafarers-abandoned-and-adrift-on-land/article29938549.ece> Well-trained and sought-after sailors in distress after getting entangled in illegal operations of owners.

Steamship Mutual to sponsor ISWAN's mental health resources for seafarers. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 11 November 2019. Available from: <https://www.seafarerswelfare.org/news/2019/steamship-mutual-to-sponsor-iswans-mental-health-resources-for-seafarers> Our resources include a series of three self-help guides available in a number of different languages, a range of mental health and wellbeing infographics, and an audio relaxation exercise. [Mental Heal Resources](#)

Bulletin: On the kidnapping of 2 more Filipino seafarers in West Africa. *Government of the Philippines*. 11 November 2019. Available from: <https://www.dfa.gov.ph/dfa-news/statements-and-advisoriesupdate/24960-bulletin-on-the-kidnapping-of-2-more-filipino-seafarers-in-west-africa> The Department of Foreign Affairs (DFA), through its Embassy in Abuja, received a report of another piracy incident in West Africa that resulted in the kidnapping of two more Filipino seafarers somewhere in Togo.

Seafarer survey shows internet access is a key benefit for senior staff. *Danica Maritime Services*. 18 November 2019. Available from: <http://www.danica-maritime.com/index.php?id=67> Shipping companies should be aware that it is not only salary levels that determine which employer a seafarer selects – fringe benefits are playing an important role in attracting and keeping senior staff, a crew survey has revealed.

A new partnership between ISWAN and ShipMoney providing relief to seafarers in need. *Hellenic Shipping News*. 18 November 2019. Available from: <https://www.hellenicshippingnews.com/a-new-partnership-between-iswan-and-shipmoney-providing-relief-to-seafarers-in-need/> The initiative will launch on November 18th at the Crew Connect conference in Manila and will be available to seafarers and their families—including parents, spouses, children, and siblings—who can demonstrate that they or their family are experiencing some form of hardship that impacts their livelihood or income.

Charity ensures seafarers are not forgotten this Christmas. *Hellenic Shipping News*. 19 November 2019. Available from: <https://www.hellenicshippingnews.com/charity-ensures-seafarers-are-not-forgotten-this-christmas/> An award-winning acapella male choir will kick off a series of carol services for seafarers in Great Britain organised by global maritime charity Stella Maris (Apostleship of the Sea).

Swimming and rowing in support of The Mission to Seafarers. Marcus Hand. *Seatrade Maritime News*. 22 November 2019. Available from: <https://www.seatrade-maritime.com/ship-operations/swimming-and-rowing-support-mission-seafarers> Lawyers from HFW in Singapore have been proving their fitness this week as part of the Global Day Action in support the charity The Mission to Seafarers.

Seafarers' mental health and wellbeing. Kristin Urdahl. *GARD*. 26 November 2019. Available from: <http://www.gard.no/web/updates/content/28743345/seafarers-mental-health-and-wellbeing> Amid growing concerns about mental health and wellbeing at work in general, a recent research study explored the mental health and wellbeing among seafarers working in the international cargo shipping industry.

Looking after seafarers' wellbeing over the festive season should be a priority, says Hanseaticsoft. *Hellenic Shipping News*. 28 November 2019. Available from: <https://www.hellenicshippingnews.com/looking-after-seafarers-wellbeing-over-the-festive-season-should-be-a-priority-says-hanseaticsoft/> With the festive season approaching the wellbeing of seafarers is something shipping companies should prioritise as it can be a very challenging time for those who are away from family and friends over Christmas, says Alexander Buchmann, Managing Director of Hanseaticsoft GmbH.

SEARCH & RESCUE

Italian ship with 151 rescued migrants docks in Sicily. *Aljazeera*. 4 November 2019. Available from: <https://www.aljazeera.com/news/2019/11/italian-ship-151-rescued-migrants-docks-sicily-191104005157244.html> An Italian offshore supply vessel has brought 151 migrants to Sicily after rescuing them in waters off Libya a day earlier.

Channel migrants: Pride of Canterbury in U-turn rescue. *BBC News*. 11 November 2019. Available from: <https://www.bbc.co.uk/news/uk-england-kent-50382072> A migrant who tried to swim to the UK wearing a wetsuit was rescued when a cross-Channel ferry made a U-turn to save him, the authorities have said.

'We have to get these seafarers back home'. Kim Link-Wills. *Freight Waves*. 19 November 2019. Available from: <https://www.freightwaves.com/news/we-have-to-get-these-seafarers-back-home> In 2018, 188 seafarers around the globe died on the job, according to Anuj Chopra, vice president of the Americas for RightShip, a maritime risk management and environmental assessment organization.

On board the *Aita Mari*, the migrant rescue ship defying Spain in the Mediterranean. Javi Julio. *Euronews*. 19 November 2019. Available from: <https://www.euronews.com/2019/11/19/on-board-the-aita-mari-the-migrant-rescue-ship-defying-spain-in-the-mediterranean> On 12 November, a former fishing vessel operated by Spanish NGO Salvamento Marítimo Humanitario left the port of Mitilini, Lesbos, in Greece.

Rescuers race to save 14,600 sheep after cargo ship capsizes in Black Sea *The Guardian*. 25 November 2019. Available from: <https://www.theguardian.com/world/2019/nov/25/rescuers-race-to-save-14600-sheep-after-cargo-ship-capsizes> Rescuers were struggling to save 14,600 sheep after the cargo ship they were being carried on capsized in the Black Sea off the coast of Romania.

The Importance of Horizontal Rescue and Realistic Training. *Maritime Executive.*

25 November 2019. Available from: <https://www.maritime-executive.com/features/the-importance-of-horizontal-rescue-and-realistic-training-1> People who have been in the water, the injured and the incapable, should be lifted in a horizontal or near-horizontal position if possible.

SHIP RECYCLING

Demonstrators demand national ship-breaking policy. *Pakistan Today.* 1 November 2019.

Available from: <https://www.pakistantoday.com.pk/2019/11/01/demonstrators-demand-national-ship-breaking-policy/> A rally of workers, including ship-breaking workers of Gadani, here Friday demanded of the government to announce national ship-breaking policy and withdraw heavy taxes from this crucial sector of the economy.

EU-flag owners could face shortage of compliant ship recycling yards. Paul Bartlett.

Seatrade Maritime News. 6 November 2019. Available from: <https://www.seatrade-maritime.com/news/europe/eu-flag-owners-could-face-shortage-of-compliant-ship-recycling-yards/> Tighter regulations from the EU on ship recycling could lead to bottleneck in capacity of compliant yards for EU-flagged owners to dispose of their older vessels.

India accedes to Hong Kong convention for ship recycling. Nishtha Saluja. *Economic Times (India).*

20 November 2019. Available from: <https://bit.ly/2qyaWMA> The cabinet committee on economic affairs (CCEA) on Wednesday approved India's accession to the Hong Kong Convention on Hong Kong International Convention for Ship Recycling, which will help provide a boost to the ship-wrecking industry in India.

Maersk out-flagged four ships from Denmark and sent them to Alang. Niklas Krigslund.

ShippingWatch. 20 November 2019. Available from: <https://shippingwatch.com/secure/carriers/Container/article11768700.ece> Maersk has out-flagged at least 15 older ships from Denmark since the summer of 2018.

Maersk has to explain re-flagging of scrapped ships to Danish authorities. Niklas Krigslund.

ShippingWatch. 21 November 2019. Available from: <https://shippingwatch.com/secure/carriers/Container/article11771502.ece> The Danish Environmental Protection Agency has asked Maersk to explain why the company out-flagged four ships from Denmark which were then shortly thereafter scrapped on the beaches in the Indian coastal region Alang.

Consultant urges EU to approve Indian yards. Niklas Krigslund. *ShippingWatch.*

22 November 2019. Available from: <https://shippingwatch.com/secure/carriers/article11773024.ece> A leading Danish recycling consultant says that India's best shipbreaking yards have improved so much that the EU should approve them for scrapping European ships.

Legislation for stringent ship recycling norms this session: Mansukh Mandaviya. Nishtha

Saluja and Deepshikha Sikarwar. *Economic Times (India).* 25 November 2019. Available from: <https://bit.ly/34ZEfGV> India is set to bring in a legislation in the ongoing winter session of Parliament, putting in place stringent standards for ship recycling that are expected to help it draw European and Japanese vessels for breaking.

Minister says Maersk's out-flagging of scrapped ships is striking. Niklas Krigslund.

ShippingWatch. 26 November 2019. Available from:

<https://shippingwatch.com/secure/carriers/article11781453.ece> It could seem striking that Maersk has out-flagged four ships from Denmark which less than a year later wound up as scrap in Alang, says Danish Minister for the Environment Lea Wermelin.

Demolition Market: India's Approval of the Hong Kong Convention is a Game-Changer.

Nikos Roussanoglou. *Hellenic Shipping News*. 27 November 2019. Available from:

<https://www.hellenicshippingnews.com/demolition-market-indias-approval-of-the-hong-kong-convention-is-a-game-changer/> The demolition market in SouthEast Asia is about to transform over the next few years, after India's approval of the Hong Kong Convention for the "green" recycling of ships.

SHIPBUILDING & SHIPREPAIR

Hydrogen fuel cells becoming viable in maritime sector. John Snyder. *Offshore Support Journal*.

6 November 2019. Available from: <https://www.rivieramm.com/news-content-hub/hydrogen-fuel-cells-becoming-viable-in-maritime-sector-56714> Within five years, vessels using hydrogen-powered fuel cells and batteries will make up a significant segment of the coastal fleet, according to Hyon managing director Tomas Tronstad.

Clean Marine offering scrubbers for delivery in January 2020. Marcus Hand. *Seatrade Maritime News*.

6 November 2019. Available from: <https://www.seatrade-maritime.com/news/asia/clean-marine-offering-scrubbers-for-delivery-in-january-2020/> As IMO 2020 fast approaches Clean Marine, which is merging with FMSI, is offering scrubbers for delivery in January with next year, according to ceo Nils Chr. Hoy-Petersen.

Shipbuilding social partners call for urgent action to safeguard European industry and its workers!

IndustriALL Global Union. 8 November 2019. Available from: <https://news.industriall-europe.eu/Article/384> At their meeting today, the European social partners for the maritime technology sector, industriAll Europe and SEA Europe, are once again joining forces and call for a strong commitment from EU policy makers to defend European industry and protect European jobs. [European Social Partners Manifesto Maritime Technology: A Strategic Sector for Europe](#) 📄

China Sinopec plans 100-barge fleet to ship cleaner marine fuel: source. Chen Aizhu. *Reuters*.

13 November 2019. Available from: <https://uk.reuters.com/article/us-china-sinopec-shipping-imo/china-sinopec-plans-100-barge-fleet-to-ship-cleaner-marine-fuel-source-idUKKBN1XN0F0> China's Sinopec Corp plans to build a fleet of 100 barges over the next three years to supply marine fuel compliant with new global emission standards, said a Chinese shipping executive with direct knowledge of the matter.


Autonomous Underwater Dredger Unveiled. *MarineLink*. 14 November 2019. Available from:

<https://www.marinelink.com/news/autonomous-underwater-dredger-unveiled-472904> 📄 A new design concept unveiled by a prominent Dutch ship design and engineering company aims to deliver major power savings and a larger working window for port maintenance dredging operations.

A midlife crisis? Ships above 15 years may miss the cut for ballast water system installation. William Burroughs. *Splash 247.com*. 19 November 2019. Available from: <https://splash247.com/a-midlife-crisis-ships-above-15-years-may-miss-the-cut-for-ballast-water-system-installation/> Analysis from classification society ABS suggests that vessels up to 15 years of age are likely to be the oldest to install a ballast water management system (BWMS), with owners of ships aged 16-20 years and 21 years and above more likely to opt for scrapping.

Guangzhou Shipyard to build methanol carriers for Proman Stena Bulk. *Ship-technology.com*. 21 November 2019. Available from: <https://www.ship-technology.com/news/guangzhou-shipyard-methanol-carriers/> Chinese shipbuilder Guangzhou Shipyard International (GSI) has secured a contract from tanker shipping firm Proman Stena Bulk to construct two methanol tankers.

NYK Starts Verification of Advanced Condition-based Maintenance for Autonomous Ships. *NYK Line*. 22 November 2019. Available from: https://www.nyk.com/english/news/2019/20191122_01.html The NYK Group has concluded a joint research agreement for developing advanced condition-based maintenance (CBM), a new maintenance and management process for ship machineries, and has started verification during actual ship operation.

Why more and more maritime companies are making the move towards E-vessels. Cyril Fournier. *Euronews*. 25 November 2019. Available from: <https://www.euronews.com/2019/11/25/why-more-and-more-maritime-companies-are-making-the-move-towards-e-vessels>  *Ellen*, the world's most powerful all-electric ferry, has been linking two Danish islands for a few months.

Wind gets important again in ship design. Michael Grey. *Seatrade Maritime News*. 27 November 2019. Available from: <https://www.seatrade-maritime.com/environmental/wind-gets-important-again-ship-design> Any navigator with more than a few month's experience knows that when the wind is forward of the beam, it affects the speed of the ship.

SHIPPING

Charting a course for emission-free shipping. Rebecca Lehmann. *ETH Zurich*. 29 October 2019. Available from: <https://ethz.ch/en/news-and-events/eth-news/news/2019/10/emission-free-shipping.html> Shipping currently accounts for around three percent of global CO2 emissions, which makes it one of the largest polluters in the transport industry alongside road and air transport.

Give priority to shipping, SOAN urges govt. Muyiwa Lucas. *The Nation (Nigeria)*. 29 October 2019. Available from: <https://thenationonline.net/give-priority-to-shipping-soan-urges-govt/> The President, Ship Owners Association of Nigeria (SOAN), Dr. Mkgorge Onyung, has urged the Federal Government to pay more attention to the shipping industry.

U.S. shipping sanctions to dent demand for dirty shipping fuel: Refinitiv. Noah Browning. *Reuters*. 29 October 2019. Available from: <https://uk.reuters.com/article/us-shipping-sanctions/u-s-shipping-sanctions-to-dent-demand-for-dirty-shipping-fuel-refinitiv-idUKKBN1X829B> U.S. sanctions on a top Chinese shipping fleet is set to produce a totally unintended result — less burning of the dirtiest marine fuels at sea at the start of next year, Refinitiv data showed on Tuesday.

Legislation is the biggest threat to Maersk and Cargill's ambition of CO2-free ships.

Christian Carlsen and Søren Pico. *ShippingWatch*. 30 October 2019. Available from: <https://shippingwatch.com/secure/carriers/article11722502.ece> Nearly 100 different players now back the plan to launch the world's first zero-emission deep-sea ship before 2030.

UN calls for shipping 'propulsion revolution' to avoid 'environmental disaster'. *UN News*.

30 October 2019. Available from: <https://news.un.org/en/story/2019/10/1050251> If emissions from the maritime industry are not cut, we are headed for "an environmental disaster", Isabelle Durant, the deputy head of the UN trade body, UNCTAD, told the Global Maritime Forum summit on Wednesday.

Review of Maritime Transport 2019. *United Nations Conference on Trade and Development (UNCTAD)*. 30 October 2019. Available from:

<https://unctad.org/en/pages/PublicationWebflyer.aspx?publicationid=2563> World maritime trade lost momentum in 2018, with volumes expanding at 2.7 per cent, below the historical averages of 3.0 per cent and 4.1 per cent recorded in 2017. [Report](#)

The search for shipping's green tipping point. Richard Meade. *Lloyd's List*. 30 October 2019.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1129714/The-search-for-shippings-green-tipping-point> The rapid development of zero-emission vessels is an entirely feasible 'moonshot' for the shipping industry to reach for; but influencing the wider energy system and creating an infrastructure where dependable future fuel production can be relied upon is the challenge where the maritime sector has limited agency.

ECSA supports the establishment of a co-programmed partnership zero-emission waterborne transport within Horizon Europe. *European Community Shipowners' Associations (ECSA)*.

30 October 2019. Available from: <https://www.ecsa.eu/news/ecsa-supports-establishment-co-programmed-partnership-zero-emission-waterborne-transport> On behalf of the European shipping industry, ECSA expresses its support for the move by the European Commission and Member States to establish a co-programmed partnership zero-emission waterborne transport in the framework of Horizon Europe (the EU's future research and innovation programme).

A global shipping revolution is weeks away — Here are the likely winners and losers. Sam Meredith. *CNBC (US)*. 30 October 2019. Available from:

<https://www.cnbc.com/2019/10/30/imo-2020-the-winners-and-losers-of-a-global-shipping-revolution.html> The biggest shake-up to the oil and shipping industry in decades is set to come into force in just over two months' time.

New Report Identifies Clean Energy Options for Global Shipping Industry. *International Renewable Energy Agency (IRENA)*. 31 October 2019. Available from:

<https://www.irena.org/newsroom/articles/2019/Oct/New-Report-Identifies-Clean-Energy-Options-for-Global-Shipping-Industry> The sector today is responsible for 3 per cent of global greenhouse gas emissions and 9 per cent of transport related emissions and this figure will rise significantly as trade volumes increase. [Navigating the way to a renewable future: Solutions to decarbonise shipping](#)

London appointed to host the Global Maritime Forum's 2020 Annual Summit. *Global Maritime Forum*.

31 October 2019. Available from: <https://www.globalmaritimeforum.org/press/london-appointed-to-host-the-global-maritime-forums-2020-annual-summit> The Global Maritime Forum's Annual Summit will bring together maritime top executives with policymakers, experts, NGOs and other influential decision-makers and opinion shapers to share their ideas on the challenges facing the maritime industry.

Maritime decision-makers are taking the lead to shape the future of global seaborne trade.

Global Maritime Forum. 31 October 2019. Available from:

<https://www.globalmaritimeforum.org/press/maritime-decision-makers-are-taking-the-lead-to-shape-the-future-of-global-seaborne-trade>

Decarbonization has been at the center of the discussions over the past two days at the Global Maritime Forum's second Annual Summit in Singapore, where leaders from the entire maritime spectrum have gathered.

ECSA launches strategic priorities for EU shipping policy for the next five years.

European Community Shipowners' Associations (ECSA). 31 October 2019. Available from:

<https://www.ecsa.eu/news/ecsa-launches-strategic-priorities-eu-shipping-policy-next-five-years>

In line with the new cycle of the EU institutions where the European Parliament has just started its mandate and the European Commission's College is being composed, ECSA publishes its new strategic priorities for 2019-2024.

[Sailing Ahead: European shipping sets ambitious goals for its next chapter](#) 📄

Japan's controversial EEXI proposal risks higher emissions. Sue Libenson. *Splash 247.com*.

31 October 2019. Available from: [https://splash247.com/japans-controversial-eexi-proposal-risks-](https://splash247.com/japans-controversial-eexi-proposal-risks-higher-emissions/)

[higher-emissions/](https://splash247.com/japans-controversial-eexi-proposal-risks-higher-emissions/) The International Maritime Organization's next round of talks on decarbonising shipping begins shortly on November 11.

Worldwide Price Announcement – IMO 2020 Transition Charge (ITC). *Hapag-Lloyd*.

31 October 2019. Available from: [https://www.hapag-lloyd.com/en/news-](https://www.hapag-lloyd.com/en/news-insights/news/2019/10/worldwide-price-announcement---imo-2020-transition-charge--itc-.html)

[insights/news/2019/10/worldwide-price-announcement---imo-2020-transition-charge--itc-.html](https://www.hapag-lloyd.com/en/news-insights/news/2019/10/worldwide-price-announcement---imo-2020-transition-charge--itc-.html)

The maritime industry is facing great changes, entailing a radical transformation: to remain fully compliant with latest IMO requirements, vessels may only use marine fuel (LSFO) with a maximum sulphur content of 0.5 percent, as opposed to the current capping of 3.5 percent.

Michael Parker predicts up to 90% of shipping banks will sign up to the Poseidon Principles.

Sam Chambers. *Splash 247.com*. 31 October 2019. Available from: [https://splash247.com/michael-](https://splash247.com/michael-parker-predicts-up-to-90-of-shipping-banks-will-sign-up-to-the-poseidon-principles/)

[parker-predicts-up-to-90-of-shipping-banks-will-sign-up-to-the-poseidon-principles/](https://splash247.com/michael-parker-predicts-up-to-90-of-shipping-banks-will-sign-up-to-the-poseidon-principles/) One of the founders of shipping's key green finance move, the Poseidon Principles, has said he expects the vast majority of shipping banks to sign up to the initiative soon.

A catalyst for change in shipping's future? Marcus Hand. *Seatrade Maritime News*.

1 November 2019. Available from: [https://www.seatrade-maritime.com/news/europe/a-catalyst-for-](https://www.seatrade-maritime.com/news/europe/a-catalyst-for-change-in-shippings-future/)

[change-in-shippings-future/](https://www.seatrade-maritime.com/news/europe/a-catalyst-for-change-in-shippings-future/)

The Global Maritime Forum's annual summit rolled into Singapore this week, capping off a year that has seen it shift from a high-level talking shop to actually beginning to realise its ambitions to be an agent of change in the shipping industry.

Theodosiou re-elected WISTA International president. Sam Chambers. *Splash 247.com*.

1 November 2019. Available from: [https://splash247.com/theodosiou-re-elected-wista-international-](https://splash247.com/theodosiou-re-elected-wista-international-president/)

[president/](https://splash247.com/theodosiou-re-elected-wista-international-president/) Despina Panayiotou Theodosiou, co-CEO of Cypriot services company, Tototheo Maritime, has been re-elected as the president of the Women's International Shipping & Trading Association (WISTA International).

Norwegian shipowners want climate tax on shipping: "It is absolutely necessary". Søren Pico.

ShippingWatch. 1 November 2019. Available from:

<https://shippingwatch.com/secure/regulation/article11727630.ece> "A carbon tax is absolutely necessary," Kristoffersen tells ShippingWatch in connection with the Global Maritime Forum in Singapore, where climate was high on the agenda.

Carbon levy should fund cleaner shipping fuels, say top executives. *EurActiv.*

4 November 2019. Available from: <https://www.euractiv.com/section/shipping/news/carbon-levy-should-fund-cleaner-shipping-fuels-say-top-executives/> Executives at some of the world's top shipping groups are advocating a levy on carbon emissions on shipping in an effort to shape tightening rules on greenhouse gas emissions while providing a means to fund development of cleaner fuel sources.

A way to close the loop on shipping emissions that doesn't cost the earth. *Hellenic Shipping*

News. 4 November 2019. Available from: <https://www.hellenicshippingnews.com/a-way-to-close-the-loop-on-shipping-emissions-that-doesnt-cost-the-earth/> Much recent focus has been on road vehicles but, with around 90 per cent of the world's trade in goods transported by ships, it's increasingly evident that tackling maritime emissions is essential, particularly in international waters, where no single country has jurisdiction.

Carnival Corporation Supports Catalyst to Help Advance Women in Workplace. *Carnival*

Corporation & plc. 4 November 2019. Available from: <https://www.carnivalcorp.com/news-releases/news-release-details/carnival-corporation-supports-catalyst-help-advance-women> The campaign theme – Now Is the Moment—Be a Catalyst – underscores the ongoing effort to achieve the organization's goal of tangible progress toward advancing women in the workplace, to close the gender pay gap, to lead for equity and inclusion, and to advocate for more women on boards.


Sink or swim: how decarbonisation will reshape shipping forever. Andrew Tunnicliffe.

Ship-technology.com. 5 November 2019. Available from: <https://www.ship-technology.com/features/how-will-decarbonisation-impact-shipping/> Nations of the world have, in recent years, embarked on concerted efforts to meet the challenge of climate change.

How France and Denmark Plan to Downsize Shipping's Carbon Bomb. Jim Gamble.

Maritime Executive. 5 November 2019. Available from: <https://www.maritime-executive.com/editorials/how-france-and-denmark-plan-to-downsize-shipping-s-carbon-bomb> The next carbon bomb to hit our climate might come from out at sea.

Are box shipping rate spikes sustainable? Mike King. *Freight Waves.* 5 November 2019.

Available from: <https://www.freightwaves.com/news/are-box-shipping-rate-spikes-sustainable>  Blanked container services and increased demand ahead of an early Lunar New Year in 2020 look set to support container spot freight rates in the weeks ahead.

Discount on high-sulphur fuel deepens as IMO 2020 approaches. Max Tingyao Lin. *TradeWinds.*

6 November 2019. Available from: <https://www.tradewindsnews.com/regulation/discount-on-high-sulphur-fuel-deepens-as-imo-2020-approaches/2-1-700443> Despite a slower-than-expected switchover, the price spreads between high-sulphur fuel oil and IMO 2020-compliant bunkers are gradually widening.

Effects of the IMO 2020 Sulphur cap on liner shipping. *Hellenic Shipping News.*

6 November 2019. Available from: <https://www.hellenicshippingnews.com/effects-of-the-imo-2020-sulphur-cap-on-liner-shipping/> Alphaliner, pioneer and leading provider of in-depth analysis to the liner shipping industry, combined with advanced solutions for liner shipping professionals, reaffirming its global leadership with a heading presentation on Day One at Intermodal Europe 2019, shortly after the opening panel discussion.

WISTA 'sistas' aim to level maritime playing field. Kim Link-Wills. *Freight Waves*.

6 November 2019. Available from: <https://www.freightwaves.com/news/wista-sistas-aim-to-level-maritime-playing-field> Organizations dedicated to women in maritime from around the world are vowing to join forces to eradicate gender bias in the industry.

WMU President: Industry Is Not Doing Enough to Empower Women. *World Maritime News*.

7 November 2019. Available from: <https://worldmaritimeneeds.com/archives/286083/wmu-president-industry-is-not-doing-enough-to-empower-women/> The percentage of women in the maritime industry is very low and has not changed for years, Cleopatra Doumbia-Henry, President of the World Maritime University (WMU), told World Maritime News.

IMO2020: Market uncertainty brings more fuel oil price vitality. Peter Sand. *BIMCO*.

7 November 2019. Available from:

https://www.bimco.org/news/market_analysis/2019/20191107_imo2020_market_uncertainty

The uncertainty of the upcoming IMO 2020 Sulphur cap regulation (IMO2020) is having a big impact on the bunker market. Whereas, the price for Marine Gas Oil Low Sulphur (MGO LS) has largely remained stable, the price for High Sulphur Fuel oil (HSFO) has become increasingly more volatile in recent months.

IOC delivers low sulphur marine fuel. *The Hindu (India)*. 7 November 2019. Available from:

<https://www.thehindu.com/news/cities/Kochi/ioc-delivers-low-sulphur-marine-fuel/article29903963.ece>

Complying with the guidelines of the International Maritime Organisation (IMO) that require all the sea-going tanker vessels to switch over to marine fuel having a sulphur content of 0.5% from January 1, 2020, against the current limit of 3.5%, the Indian Oil Corporation in Kochi has delivered Very Low Sulphur Fuel Oil (VLSFO) to vessels.

Women push toward more inclusive shipping industry. Kayla Young. *Cayman*

Compass (Cayman Islands). 7 November 2019. Available from:

<https://www.caymancompass.com/2019/11/07/women-push-toward-more-inclusive-shipping-industry/>

In old maritime superstition, women were considered bad luck aboard ships.

Refiners brace for IMO 2020 with desulfurization, upgraded facilities. Joo Kyung-don. *Yonhap*

News Agency (South Korea). 7 November 2019. Available from:

<https://en.yna.co.kr/view/AEN20191108005400320>

South Korean refiners said Tuesday they're ready to cope with new International Maritime Organization (IMO) regulations on sulfur content in marine fuel with desulfurization and upgraded facilities.

ECSA's new president does not want CO2 quotas for shipping. Metter Mandrup. *ShippingWatch*.

8 November 2019. Available from: <https://shippingwatch.com/secure/regulation/article11743737.ece>

The EU's MRV legislation requiring shipping companies to measure their CO2 emissions is working as intended, at least according to Claes Berglund, head of Public Affairs at Stena, who will take over the position as president of the European Community Shipowners' Association, ECSA, from the turn of the year.

SK Energy starts supplying 0.5% sulfur marine gasoil in South Korea ahead of IMO 2020.

Su Ling Teo and Atsuko Kawasaki. *S&P Global Platts*. 8 November 2019. Available from:

<https://www.spglobal.com/platts/en/market-insights/latest-news/oil/110819-imo-2020-sk-energy-starts-supplying-05-sulfur-marine-gasoil-in-south-korea>


South Korean refiner SK Energy has started supplying marine gasoil with maximum 0.5% sulfur at South Korean ports from November, less than eight weeks before the new IMO 2020 low sulfur mandate for marine fuels kick starts in January 2020, a company source said this week.

Saudi Arabia set to add 55 new ships to maritime transport fleet. *Arab News (Saudi Arabia)*. 8 November 2019. Available from: <https://www.arabnews.com/node/1581021/saudi-arabia> Fareed Al-Qahtani, vice chairman responsible for maritime transport at the Saudi Public Transport Authority (PTA), said the Kingdom was also supporting global efforts to protect the environment, reduce marine pollution and increase the number of women working in the sector.

European Union: The Shipping Industry Is Increasingly Embracing Environmental Sustainability. Jean-Pie Gauci-Maistre and Despoina Xynou. *Mondaq*. 11 November 2019. Available from: <http://www.mondaq.com/x/862572/Marine+Shipping/The+Shipping+Industry+Is+Increasingly+Embracing+Environmental+Sustainability> The plastic continent — and how to tackle it — may be hogging the headlines, but the shipping industry — frowned upon as a notorious polluter on a massive scale — is also being effectively reined in and compelled by law to go green. EU legislation and the International Maritime Organisation (IMO) are wielding their increasingly environmental sustainability vision and doing so in a holistic manner that is impacting shipping worldwide.

Asian feeder operators unveil IMO 2020 bunker surcharge. Dale Wainwright. *TradeWinds*. 11 November 2019. Available from: <https://www.tradewindsnews.com/containerhips/asian-feeder-operators-unveil-imo-2020-bunker-surcharge/2-1-703951> Members of the Asian Feeder Discussion Group (AFDG) have unveiled plans for a bunker adjustment factor (BAF) ahead of the IMO 2020 implementation deadline.

Reducing ship speeds 'a silver bullet' to reduce pollution and save whales. Gavin van Marle. *The Loadstar*. 11 November 2019. Available from: <https://theloadstar.com/reducing-ship-speeds-a-silver-bullet-to-reduce-pollution-and-save-whales/> As the International Maritime Organization's (IMO) environmental work group gathers in London for its annual conference this week, delegates are being urged to consider new regulations to reduce ship speeds.

Can Global Shipping Go Zero Carbon? Rebecca Ramirez. *National Public Radio (US)*. 11 November 2019. Available from: <https://www.npr.org/2019/09/05/758045669/can-global-shipping-go-zero-carbon?t=1573566787093>  A lot of the stuff we buy in the U.S. comes by ship, ships that use a particularly dirty kind of fuel.

New opportunities for women by the rise of digitalisation. Katharina Renken. *ShipInsight*. 12 November 2019. Available from: <https://shipinsight.com/articles/new-opportunities-for-women-in-shipping-by-the-rise-of-digitalisation> New major trends like sustainability, demographic change, urbanisation, globalisation and information technologies have already reached the shipping industry (Jahn, Brümmerstedt, Fiedler, & Renken, 2018), requiring traditional and risk averse actors to rethink their strategies.

Nick Brown of Lloyd's Register discusses digitalisation and decarbonisation. *Seatrade Maritime News*. 12 November 2019. Available from: <https://bit.ly/2LzjbiY> Ahead of Marintec China Seatrade Maritime talks to Nick Brown, marine & offshore director for Lloyd's Register, about the mega-trends of digitalisation and decarbonisation and how the classification society is positioning to help its customers with these challenges.

Certain IMO 2020 fuels prone to tank/pipework corrosion. *Manifold Times (Singapore)*. 13 November 2019. Available from: <https://www.manifoldtimes.com/news/d/certain-imo-2020-fuels-prone-to-tankpipework-corrosion> Microbial monitoring specialist LuminUltra recently highlighted concerns over the quality of some IMO 2020 compliant fuels blended by biodiesel with high sulphur fuel oil (HSFO) and distillates.


Maersk forced to change course in global race for environmental gains. Leonora Beck.

ShippingWatch. 13 November 2019. Available from:

<https://shippingwatch.com/secure/carriers/article11752841.ece> In the fight to keep costs down, A.P. Moeller-Maersk has begun to install numerous of the exhaust gas cleaning systems, scrubbers, which the group has in the past otherwise severely criticized.

World Energy Outlook 2019 highlights deep disparities in the global energy system.

International Energy Agency (IEA). 13 November 2019. Available from:

<https://www.iea.org/news/world-energy-outlook-2019-highlights-deep-disparities-in-the-global-energy-system> The gap between the ever-higher amounts of greenhouse gas emissions being produced and the insufficiency of stated policies to curb those emissions in line with international climate targets. [World Energy Outlook 2019 Summary](#) 

Is the cruise ship business at a turning point? *Deutsche Welle (Germany)*. 13 November 2019.

Available from: <https://www.dw.com/en/is-the-cruise-ship-business-at-a-turning-point/a-51215344>

It was the show of a new era: The cruise ship *MSC Grandiosa* was christened on Hamburg's Elbe promenade in front of thousands of onlookers.

German Shipowners' association welcomes onshore power plans: VDR offers to assist with ecologically and economically sound implementation. *German Shipowners' Association*.

13 November 2019. Available from: <https://www.reederverband.de/en/press/press-release/artikel/translate-to-english-reederverband-begruesst-landstrom-plaene.html> Last week the German federal government took a step to make onshore power in seaports more attractive; this week the environment ministers of the federal and state governments will be meeting in Hamburg to discuss onshore power initiatives in Germany.

Maritime industry confronts boatload of environmental challenges. Kim Link-Wills.

Freight Waves. 14 November 2019. Available from: <https://www.freightwaves.com/news/maritime-industry-confronts-boatload-of-environmental-challenges> Keeping up in a world hurtling toward the dawn of the IMO 2020 mandate is the biggest challenge facing the maritime industry, according to Kathy Metcalf, president and CEO of the Chamber of Shipping of America.

Analysis: How Much More Expensive Are IMO2020 Bunkers Really? *Ship & Bunker*.

14 November 2019. Available from: <https://shipandbunker.com/news/world/549798-analysis-how-much-more-expensive-are-imo2020-bunkers-really> The many months of speculating what the cost of IMO2020 grade bunkers will be are over.

Ship Power Limits Won't Cut CO2 Emissions, IMO Told. *Ship & Bunker*. 14 November 2019.

Available from: <https://shipandbunker.com/news/world/913281-ship-power-limits-wont-cut-co2-emissions-imo-told> Proposals to limit ship power to reduce CO2 emissions will not work, IMO has been told during this week's 6th Session of its Intersessional Working Group on the reduction of GHG Emissions (ISWG-GHG 6).

BTG and GoodFuels preparing for major investment in bio-refinery to support shipping's low carbon fuels demands. *GoodFuels*. 14 November 2019. Available from: <https://goodfuels.com/btg-and-goodfuels-preparing-for-major-investment-in-bio-refinery-to-support-shippings-low-carbon-fuels-demands/>

Biomass technology group BTG will set up a new high-tech technology company that can convert crude pyrolysis oil into diesel fuel suitable for the shipping sector.

Shipping's share of CO2 looks to be heading down and not up. Malcolm Latache. *ShipInsight*.

15 November 2019. Available from: <https://shipinsight.com/articles/shippings-share-of-co2-looks-to-be-heading-down-and-not-up> This week the IMO 's Intersessional working group on GHG is once again meeting in London.

Wärtsilä and PSA Marine collaborate to achieve clean energy shipping. *Wärtsilä Corporation.* 15 November 2019. Available from: <https://www.wartsila.com/media/news/15-11-2019-wartsila-and-psa-marine-collaborate-to-achieve-clean-energy-shipping-2575117> The technology group Wärtsilä and Singapore-based PSA Marine have agreed to collaborate in the co-creation of smart technologies for the marine sector.

The Lloyd's List Podcast: Have mandatory speed limits hit a road block? *Lloyd's List.* 15 November 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1129986/The-Lloyds-List-Podcast-Have-mandatory-speed-limits-hit-a-road-block> The campaign for mandatory speed limits for shipping suffered a blow during technical talks at IMO this week.

World LPG Association (WLPGA) issues new report “LPG Bunkering – Guide for LPG Marine Fuel Supply”. *World LPG Association (WLPGA).* 15 November 2019. Available from: <https://www.wlpga.org/mediaroom/world-lpg-association-wlpga-issues-new-report-lpg-bunkering-guide-for-lpg-marine-fuel-supply/> The WLPGA continues its commitment to cleaner environment with a new report “LPG Bunkering – Guide for LPG Marine Fuel Supply”, dedicated to the use of LPG in the marine sector, particularly bunkering. [Guide for LPG Marine Fuel Supply](#)

FreightWaves oil report: so where is the impact from IMO 2020? John Kingston. *Freight Waves.* 16 November 2019. Available from: <https://www.freightwaves.com/news/freightwaves-oil-report-so-where-is-the-impact-from-imo-2020> The anticipated surge in over-the-road diesel prices because of IMO 2020 has not occurred.

Plotting her own course: Meet the Newfoundland marine captain navigating her way in a man's world. Terry Roberts. *Canadian Broadcasting Corporation (CBC).* 17 November 2019. Available from: <https://www.cbc.ca/news/canada/newfoundland-labrador/captain-great-lakes-1.5351286> Charlene Munden is making her mark in the male-dominated marine shipping industry.

Ocean freight customers face significant fuel price rise next month *British International Freight Association (BIFA).* 18 November 2019. Available from: <https://www.bifa.org/news/articles/2019/nov/ocean-freight-customers-face-significant-fuel-price-rise-next-month> Shippers and forwarders are preparing to help carriers cover the extra cost of next year's low-sulphur fuel, including some customers on annual contracts also being asked to start paying an IMO BAF from 1 December, reports Drewry.

Barrier-Breaking. History-Making. Celebrity Cruises to Set Sail with First-Ever All-Female Bridge and Officer Team. *Celebrity Cruises.* 18 November 2019. Available from: <https://www.celebritycruisespresscenter.com/press-release/1147/barrier-breaking-history-making-celebrity-cruises-to-set-sail-with-first-ever-all-female-bridge-and-officer-team/> While progress has been made, the reality is that only 2% of the world's mariners are women. [#BRIDGEthegap](#)

Stand up for Shipping: UK Chamber of Shipping launches its 2019 election manifesto. *UK Chamber of Shipping.* 19 November 2019. Available from: <https://www.ukchamberofshipping.com/latest/stand-shipping-uk-chamber-shipping-launches-its-2019-election-manifesto/> In its 'Stand up for Shipping' manifesto, the Chamber calls for more investment to make the UK a world leader in green maritime technology and tax credits for companies who invest in research and development to help cement the UK as a world leading shipping nation.

Factbox: Global refiners raise cleaner shipping fuel output ahead of IMO 2020. *Reuters.*

20 November 2019. Available from: <https://www.reuters.com/article/us-global-oil-imo-factbox/factbox-global-refiners-raise-cleaner-shipping-fuel-output-ahead-of-imo-2020-idUSKBN1XU0RK> Global oil refiners have upgraded processing units and adjusted operations to raise output of low-sulphur residual fuels and marine gasoil (MGO) to prepare for stricter shipping fuel standards that kick in on Jan. 1, 2020.

2020 – 2050: Tackling decarbonisation together, one step at a time, starting now. Steve Cadden. *Splash 247.com.* 20 November 2019. Available from: <https://splash247.com/2020-2050-tackling-decarbonisation-together-one-step-at-a-time-starting-now/> Watching the global coverage of New Delhi's toxic air pollution reminds us why the International Maritime Organization (IMO) first introduced progressively tightening regulations to reduce sulphur oxide emissions back in 2005.

European Commission to Extend Liner Consortia Block Exemption. *World Maritime News.* 21 November 2019. Available from: <https://worldmaritimeneeds.com/archives/286809/european-commission-to-extend-liner-consortia-block-exemption/> The European Commission is proposing to extend the regulation exempting liner shipping consortia from EU antitrust rules by another four years, having concluded that the current measure is “still adequate”.

Vessels will avoid areas lacking cleaner maritime fuel: panel. Collin Eaton. *Reuters.* 21 November 2019. Available from: <https://www.reuters.com/article/us-shipping-imo-2020-fueloil/vessels-will-avoid-areas-lacking-cleaner-maritime-fuel-panel-idUSKBN1XV01U> Shortages of low-sulfur fuel oil could appear at some ports in Africa, South America and Southeast Asia next year, but most major ports around the world will have adequate supplies, panellists at a shipping industry conference said on Wednesday.

Shipowners Struggling to Get 2020-Compliant Fuel. *Hellenic Shipping News.* 21 November 2019. Available from: <https://www.hellenicshippingnews.com/shipowners-struggling-to-get-2020-compliant-fuel/> Ships hauling everything from iron ore to coal and grains are struggling to obtain the fuels they need to test them in time for the start of sweeping environmental legislation that takes effect in six weeks' time, a situation that could ultimately result in vessels having to temporarily halt trading.

Scrubber proponents see focus moving from SOx to CO2. Paul Berrill. *TradeWinds.* 21 November 2019. Available from: <https://www.tradewindsnews.com/technology/scrubber-proponents-see-focus-moving-from-sox-to-co2/2-1-708839> Evidence is growing that scrubbers work well, save money and do not cause significant pollution, claims a ship operator that has used them for 10 years.

Is emissions policy on the wrong track? Ed Martin. *Marine Propulsion & Auxiliary Machinery.* 21 November 2019. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/is-emissions-policy-on-the-wrong-track-56897> The shipping industry might be working hard to achieve its emissions targets, but a chief scientist at the Norwegian Research institute SINTEF has warned that its efforts might be “on totally the wrong track”.

CSA 2020 disappointed with Malaysia decision. *Clean Shipping Alliance 2020.* 21 November 2019. Available from: <https://www.cleanshippingalliance2020.org/latest-news/csa-2020-disappointed-malaysia-decision> Members of the Clean Shipping Alliance 2020 have expressed disappointment in Malaysia's decision to prohibit the use of open-loop exhaust gas cleaning systems in its coastal waters.

International Chamber of Shipping opens first overseas office in Hong Kong as it aims for stronger ties with increasingly influential China. Ryan Swift. *South China Morning Post*.

22 November 2019. Available from: <https://www.scmp.com/business/china-business/article/3038825/international-chamber-shipping-opens-first-overseas-office>

The London-based International Chamber of Shipping (ICS), which represents the interests of commercial shipowners worldwide, has established its first overseas office in Hong Kong as China's status as a global maritime power rises.

Time to steer shipping into the EU carbon market. Sam Van den plas. *EurActiv*.

22 November 2019. Available from: <https://www.euractiv.com/section/shipping/opinion/time-to-steer-shipping-into-the-eu-carbon-market/> The UN shipping body's failure to agree on immediate climate measures means the incoming European Commission President, Ursula von der Leyen, must make good of her promise to include the maritime sector under the EU Emissions Trading System (EU ETS), argues Sam Van den plas.

The time is upon us. Davide Ippolito. *Seatrade Maritime News*. 25 November 2019. Available from: <https://www.seatrade-maritime.com/environmental/time-upon-us> The changing SOx regulations are imminent and in just over one month the International Maritime Organization's (IMO) 0.5 per cent sulphur (SOx) emissions cap comes into force.

WISTA: Diversity key to unlocking maritime sustainability. Despina Panayiotou Theodosiou. *Splash 247.com*. 25 November 2019. Available from: <https://splash247.com/wista-diversity-key-to-unlocking-maritime-sustainability/> Despina Panayiotou Theodosiou, CEO of Tototheo Maritime and president of WISTA, argues today that a changing world, with changing technology, demands a changing maritime workforce.

Shipowners' Worst IMO2020 Fears are Materialising: EGCSA. *Ship & Bunker*.

25 November 2019. Available from: <https://shipandbunker.com/news/world/669617-shipowners-worst-imo2020-fears-are-materialising-egcsa> The run in to IMO2020 is proving to be littered with disappointments, with shipowners' worst fears now materialising, says the Exhaust Gas Cleaning Systems Association (EGCSA).

Market-based mechanisms for effective Greenhouse Gas Reduction. *Hellenic Shipping News*.

25 November 2019. Available from: <https://www.hellenicshippingnews.com/market-based-mechanisms-for-effective-greenhouse-gas-reduction/> On 1 January 2020 some might say that the marine sulphur journey is over, the issue dealt with.

Wartsila on meeting the challenges ahead for shipping. *Seatrade Maritime News*.

25 November 2019. Available from: <https://www.seatrade-maritime.com/environmental/wartsila-meeting-challenges-ahead-shipping> Ahead of Marintec China we talk to Östen Lindell, Director, Marine Unit East Asia & China, Wärtsilä Corporation, about what he sees as the top issues facing the industry in 2020 and beyond, and how Wärtsilä is positioning to help its customers with these challenges.

Why slowing down ships could help save the planet. Haleluya Hadero and Brandon Miller. *CNN*.

25 November 2019. Available from: <https://edition.cnn.com/2019/11/25/world/ships-speed-limit-climate-crisis/index.html> Shipping has long been one of the world's dirtiest industries. Emissions from ships burn approximately 1 billion metric tons of carbon dioxide and other greenhouse gases every year, accounting for 3% of global emissions.

Warning of US IMO 2020 bunker supply confusion from EPA regulations. Barry Parker. *Seatrade Maritime News*. 26 November 2019. Available from: <https://www.seatrade-maritime.com/bunkering/warning-us-imo-2020-bunker-supply-confusion-epa-regulations> With the advent of IMO 2020, a set of new proposed regulations from the US Environmental Protection Administration (EPA) have the potential to sow seeds of confusion in the supply chains for fuel to be used on deepsea ships.

Planning For IMO 2020: The Cost of Non-Compliance. *Hellenic Shipping News*. 26 November 2019. Available from: <https://www.hellenicshippingnews.com/planning-for-imo-2020-the-cost-of-non-compliance/> The regulation stipulates that oceangoing vessels must use either a cleaner bunker fuel, have on-board gas stack scrubbers to clean the higher sulfur fuel or use an alternative marine fuel such as LPG, LNG or methanol.

Experts update maritime industry at IBIA Asia and Ince IMO 2020 readiness seminar. *Manifold Times (Singapore)*. 26 November 2019. Available from: <https://www.manifoldtimes.com/news/d/experts-update-maritime-industry-at-ibia-asia-and-ince-imo-2020-readiness-seminar> Experts from the value chain of the bunkering sector gathered at the Singapore office of international legal firm Ince on Thursday (21 November) to discuss latest developments leading to IMO 2020 at the IBIA Asia and Ince IMO 2020 Readiness Seminar.

Andriukaitis questions live animal transport after Romanian sheep tragedy. Sarantis Michalopoulos. *EurActiv*. 26 November 2019. Available from: <https://www.euractiv.com/section/agriculture-food/news/andriukaitis-questions-live-animal-transport-after-romanian-sheep-tragedy/> EU Health Commissioner Vytenis Andriukaitis called on the next EU executive to include animal welfare in the new Green Deal following a tragedy in which almost 15,000 sheep drowned in the Black Sea off Romania's coast.

China's all-embracing maritime influence. *Hellenic Shipping News*. 26 November 2019. Available from: <https://www.hellenicshippingnews.com/chinas-all-embracing-maritime-influence/> In the maritime world conversations among professionals soon turn to China, reflecting the country's pervasive influence.

Living the dream out at sea. *Maersk*. 26 November 2019. Available from: <https://www.maersk.com/news/articles/2019/11/26/living-the-dream-out-at-sea> Spending more than 200 days at sea gave Michael Richter, Senior Cadet at Maersk, the chance to live his dream.

Poll: LNG for now, hydrogen for the future. Craig Jallal. *Tanker Shipping & Trade*. 27 November 2019. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/tanker-shipping-amp-trade-conference-summary-of-day-one-polls-56946> In a series of polls at Riviera's Tanker Shipping & Trade Conference, tanker owners and operators tackled questions regarding alternative fuels and how to deal with legislation looming on the horizon.

IKEA, CMA, CGM and GoodShipping successfully complete 2019 biofuel test programme. *GoodShipping Program*. 27 November 2019. Available from: <https://goodshipping.com/2019/11/27/ikea-cma-cgm-and-goodshipping-successfully-complete-2019-biofuel-test-programme/> IKEA Transport & Logistics Services, the CMA CGM Group, and the GoodShipping Program have today announced the successful completion of their 2019 biofuel test programme on CMA CGM vessels, following the positive trials of Heavy Fuel Oil-equivalent (HFO) Bio-Fuel Oil (GoodFuels BFO) during CMA CGM ALEXANDER VON HUMBOLDT's North Europe-Asia trip, which occurred in September and October 2019.

Innovation essential to success: Wartsila ceo Jaakko Eskola. Marcus Hand. *Seatrade Maritime News*. 28 November 2019. Available from: <https://www.seatrade-maritime.com/technology/innovation-essential-success-wartsila-ceo-jaakko-eskola> Innovation is key to success according to Jaakko Eskola president & ceo Wärtsilä Corporation and developments have to bring value to customers.

A Globally-Oriented European Commission for a Strong European Union. *European Community Shipowners' Associations (ECSA)*. 28 November 2019. Available from: <https://www.ecsa.eu/news/globally-oriented-european-commission-strong-european-union> The strong focus of the new Commission on climate challenges and digitalisation and innovation is fully in line with the top 10 priorities ECSA has set for itself.

Can Russia really make a case for its move on the Arctic? Terry Macalister. *TradeWinds*. 28 November 2019. Available from: <https://www.tradewindsnews.com/opinion/can-russia-really-make-a-case-for-its-move-on-the-arctic/-2-1-713080> Plans being drawn up by Russia to make a \$7bn investment splash in Arctic shipping make eye-catching headlines.

Majority of German owners turn to low-sulphur fuel. James Baker. *Lloyd's List*. 28 November 2019. Available from: <https://lloydlist.maritimeintelligence.informa.com/LL1130186/Majority-of-German-owners-turn-to-lowsulphur-fuel> THE vast majority of vessels in the German fleet plan to use low-sulphur fuel to meet new sulphur requirements despite concern about cost and availability.

CO2 emissions reduction still too slow, experts warn. Sam Chambers. *Splash 247.com*. 29 November 2019. Available from: <https://splash247.com/co2-emissions-reduction-still-too-slow-experts-warn/> News carried on Splash yesterday that shipping is on course to cut its CO2 emissions by 1.1% this year, according to Clarkson estimates, has drawn a mixed reaction from around the world.

FitchRatings Maintains Negative 2020 Outlook on Shipping, as Tighter Supply Helps, but Softer Demand Drags. *Hellenic Shipping News*. 29 November 2019. Available from: <https://www.hellenicshippingnews.com/fitchratings-maintains-negative-2020-outlook-on-shipping-as-tighter-supply-helps-but-softer-demand-drags/> We maintain a negative sector outlook for global shipping because of the forecast slowdown of global economic growth and a balance of risks skewed to the downside.

China Grows Strong While the Maritime Market Waits for Recovery. *Maritime Executive*. 29 November 2019. Available from: <https://www.maritime-executive.com/editorials/china-grows-strong-while-the-maritime-market-waits-for-recovery> The global shipping and shipbuilding markets are waiting for recovery, and at the forefront of this hungry queue is China.

RESEARCH

Gryspeerd E, Smith T, et al. **The impact of ship emission controls recorded by cloud properties.** *Geophysical Research Letters*. 5 November 2019. Available from: <https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2019GL084700> The impact of aerosols on cloud properties is one of the leading uncertainties in the human forcing of the climate.

Ripple WJ, Wolf C, et al. **World Scientists' Warning of a Climate Emergency.** *BioScience*. 5 November 2019. Available from: <https://doi.org/10.1093/biosci/biz088> Scientists have a moral obligation to clearly warn humanity of any catastrophic threat and to “tell it like it is.”

Thackeray CW and Hall A. **An emergent constraint on future Arctic sea-ice albedo feedback.** *Nature Climate Change*. 11 November 2019. Available from: <https://doi.org/10.1038/s41558-019-0619-1> Arctic sea ice has decreased substantially over recent decades, a trend projected to continue.
