



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

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE (MKC)

“Sharing Maritime Knowledge”

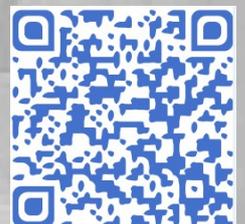
CURRENT AWARENESS BULLETIN

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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](#).

[Email us](#) if you would like to receive email notification when the most recent Current Awareness Bulletin is available to be downloaded.

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

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IMO NEWS & EVENTS

WHAT'S NEW

World Maritime Day 2019

The World Maritime Day theme for the year is "Empowering Women in the Maritime Community".

This provides an opportunity to raise awareness of the importance of gender equality, in line with the United Nations' Sustainable Development Goals, and to highlight the important - yet under-utilized - contribution of women within the maritime sector.

Empowering women fuels thriving economies across the world, spurs growth and development, and benefits everyone working in the global maritime community in the drive towards safe, secure, clean and sustainable shipping. [More...](#)

World Maritime Day Parallel Event, Cartagena de Indias, Colombia, 16-17 September 2019

The International Maritime Organization confer the privilege to a country to host the Parallel Event to World Maritime Day. Therefore, in 2019 Colombia will host the Parallel Event, which aims to provide an opportunity for the IMO Member States and the different representatives of the sector to promote work on maritime safety, marine environment protection, and facilitation of international maritime transport, as indisputable elements for the proper development of maritime trade. [More...](#)

Symposium on IMO 2020 and Alternative Fuels

IMO is hosting a Symposium on IMO 2020 and Alternative Fuels on Thursday, 17 October and Friday, 18 October 2019 in the Main Hall at IMO Headquarters. This one and half day symposium aims to raise awareness and to take stock of the preparations for the IMO 2020 rule, and to discuss the role of alternative fuels in the decarbonization of international shipping.

The Symposium will be live-streamed and remote participation is open to Member Governments, IGOs, NGOs and the general public.

Further details and a provisional agenda can be found in [Circular letter No.3998](#) .

IMO Ministerial Conference - Safe fishing, Legal fishing

Ministerial Conference on Fishing Vessel Safety and Illegal, Unreported and Unregulated (IUU) Fishing, organized by IMO and the Government of Spain, Torremolinos, Málaga, Spain, 21-23 October 2019.

The Conference aims to promote ratification of the Cape Town Agreement, a key IMO treaty for safety of fishing vessels. The entry into force of the Cape Town Agreement will help deter the proliferation of illegal, unregulated and unreported (IUU) fishing, by establishing international safety standards for fishing vessels.

The Conference is intended for ministers, policymakers, senior officials and relevant experts responsible for implementing fishing vessel safety and IUU fishing policies and enacting national legislation to ratify the Agreement. [More...](#)

IMO MEETINGS FOR 2019

[Sub-Committee on Carriage of Cargoes and Containers \(CCC\)](#) 9 -13 September – 6th session

LATEST PRESS BRIEFINGS

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

[Roundtable discussion with local authorities and stakeholders](#)
Ilulissat, Greenland, 27 August 2019

IMO NEWS MAGAZINE [\(Summer 2019\)](#)

IMO PUBLISHING

[Just Published 2019](#)

[August 2019 Newsletter](#)

UNITED NATIONS

Migration and the climate crisis: the UN's search for solutions. *UN News*. 31 July 2019. Available from: <https://news.un.org/en/story/2019/07/1043551> Dina Ionesco is the head of the Migration, Environment and Climate Change Division at the UN International Organization for Migration (IOM), which has been at the forefront of efforts to study the links between migration, the environment and climate.

Economic uncertainty, geopolitical tensions stall growth in Latin America and Caribbean region, UN says. *UN News*. 31 July 2019. Available from: <https://news.un.org/en/story/2019/07/1043531> Launching the Economic Survey of Latin America and the Caribbean 2019 at a press conference in Santiago, Chile, ECLAC Executive Secretary Alicia Bárcena pointed to “less momentum from world economic activity and global trade; greater volatility and financial fragility; questioning of the multilateral system; and an increase in geopolitical tensions” as the reasons driving the downward-looking forecast.

Negotiating legally-binding agreement to provide future generations with a ‘healthy, resilient and productive ocean’. *UN News*. 20 August 2019. Available from: <https://news.un.org/en/story/2019/08/1044571> While the world’s oceans contain some 200,000 identified living species, the actual numbers could reach the millions — all exposed to the dangers of climate change, pollution and over-exploitation. [Webcast](#) [BBNJ \(19-30 August 2019\) Meeting Coverage & Press Releases](#)

Teen activist Greta Thunberg arrives in New York by boat, putting ‘climate crisis’ in spotlight. *UN News*. 28 August 2019. Available from: <https://news.un.org/en/story/2019/08/1045161> After a two-week sail across the Atlantic, youth climate activist Greta Thunberg arrived in the Big Apple on Wednesday to take part in two major climate summits to be held at UN Headquarters next month.

Decades of progress ‘can be wiped out overnight,’ UN chief laments at climate session in Yokohama. *UN News*. 29 August 2019. Available from: <https://news.un.org/en/story/2019/08/1045211> “Little undermines development like disaster,” UN Secretary-General António Guterres told attendees at a thematic session on Africa and climate change, on day two of the Tokyo international Conference on African Development (TICAD), now in its seventh year.

CASUALTIES

Accident Investigation Report 11/2019: Grounding of bulk carrier *Kuzma Minin*. *UK Marine Accident Investigation Branch (MAIB)*. 1 August 2019. Available from: <https://www.gov.uk/maib-reports/grounding-of-bulk-carrier-kuzma-minin> *Kuzma Minin* grounded after dragging its anchor in Falmouth Bay, England and was successfully refloated on the next high water. [Report](#) 

Chinese warship collides with Taiwanese bulker. Michael Juliano. *TradeWinds*. 1 August 2019. Available from: <https://www.tradewindsnews.com/safety/chinese-warship-collides-with-taiwanese-bulker/2-1-647768> A Chinese warship collided with a Taiwanese bulk carrier Wednesday night, according to Taiwan's authorities.

Containership Collides with Ferry off Morocco's Tangier Med. *World Maritime News*. 2 August 2019. Available from: <https://worldmaritimeneews.com/archives/281069/containership-collides-with-ferry-off-moroccos-tangier-med/> An LNG-powered ferry and a containership collided in the early morning hours of July 31 near the port of Tangier Med, Morocco.

Drunk master runs ship aground twice at Riga. Jason Jiang. *Splash 247.com*. 5 August 2019. Available from: <https://splash247.com/drunk-master-runs-ship-aground-twice-at-riga/> General cargo ship *Hadeland* ran aground twice while it was leaving port of Riga in Latvia on Friday.

Alcohol Implicated in Double Grounding. *Maritime Executive*. 5 August 2019. Available from: <https://www.maritime-executive.com/article/alcohol-implicated-in-double-grounding> The freighter *Hadeland* ran aground twice while attempting to depart the port of Riga, Latvia on Saturday, and local authorities say that the master allegedly failed a breathalyzer test for alcohol intoxication after the second incident.

NTSB Points to Navy Failures in *John S. McCain* Accident Report. *gCaptain*. 5 August 2019. Available from: <https://gcaptain.com/ntsb-points-navy-failures-in-john-s-mccain-accident-report/> The August 2017 collision between the *USS John S McCain* and a commercial tanker was caused by insufficient training, inadequate bridge operating procedures and a lack of operational oversight, the National Transportation Safety Board said in a Marine Accident Report released today.

Insufficient Training, Inadequate Bridge Operating Procedures, Lack of Operational Oversight Led to Fatal Ship Collision. *US National Transportation Safety Board (NTSB)*. 5 August 2019. Available from: <https://www.nts.gov/news/press-releases/Pages/NR20190805.aspx> The National Transportation Safety Board said Monday that the Aug. 21, 2017, collision between the *USS John S McCain* and the tanker *Alnic MC* was caused by insufficient training, inadequate bridge operating procedures and a lack of operational oversight.

Three Ferry Boats Capsize Off Panay, Killing 31. *Maritime Executive*. 7 August 2019. Available from: <https://www.maritime-executive.com/article/three-ferry-boats-capsize-off-panay-killing-31> Three passenger motorboats capsized off the Philippine city of Iloilo, Panay in foul weather Saturday, sending 96 passengers and crewmembers over the side.

LPG Tanker Clashes with Fishing Vessel off Honolulu. *World Maritime News*. 8 August 2019. Available from: <https://worldmaritimeneews.com/archives/281347/lpg-tanker-clashes-with-fishing-vessel-off-honolulu/> The LPG tanker *Pertusola*, carrying 2,300 metric tons of propane, has collided with a commercial fishing vessel off the coast of Oahu, Honolulu, according to the U.S. Coast Guard.

Families seek answers on finding *Stellar Daisy*'s VDR has been damaged beyond repair.

Sam Chambers. *Splash 247.com*. 9 August 2019. Available from: <https://splash247.com/families-seek-answers-on-finding-stellar-daisys-vdr-has-been-damaged-beyond-repair/> The families of the crew who lost their lives on the converted ore carrier *Stella Daisy* two-and-a-half years ago have voiced their huge disappointment that just 7% of the data on the retrieved voyage data recorder (VDR) has been decipherable.

Fishing Boat Capsizes After U.S. Coast Guardsmen Board. *Maritime Executive*. 10 August 2019.

Available from: <https://www.maritime-executive.com/article/fishing-boat-capsizes-after-u-s-coast-guardsmen-board> The U.S. Coast Guard rescued 25 fishing boat crewmen and 12 Coast Guardsmen after the fishing boat they were aboard capsized and sank approximately 336 nautical miles southeast of Clipperton Island in the Eastern Pacific Ocean, on Wednesday.

Fire erupts in six containers onboard *APL Le Havre*. Sam Chambers. *Splash 247.com*.

12 August 2019. Available from: <https://splash247.com/fire-erupts-in-four-containers-onboard-apl-le-havre/> Surveys are ongoing to assess the damage to the 10,106 teu *APL Le Havre* after yet another container fire ripped through the aft of the boxship on Friday evening.

For Guimaras, sea tragedy worse than 2006 oil spill. Tara Yap. *Manila Bulletin*. 12 August 2019.

Available from: <https://news.mb.com.ph/2019/08/11/for-guimaras-sea-tragedy-worse-than-2006-oil-spill/> More than a decade after experiencing the country's worst oil spill disaster, there is again suffering in the island province of Guimaras after the August 3 sea tragedy that killed 31 people.

7 Filipino crew missing when their fishing vessel sinks off coast of Brunei. Roy Mabasa.

Manila Bulletin. 12 August 2019. Available from: <https://news.mb.com.ph/2019/08/12/7-filipino-crew-missing-when-their-fishing-vessel-sinks-off-coast-of-brunei/> Seven Filipino crewmen and four others crewmembers went missing when their fishing vessel sank off the coast of Brunei, the Philippine foreign affairs office said Monday.

Deadly fire rips through Indian offshore support vessel. Sam Chambers. *Splash 247.com*.

13 August 2019. Available from: <https://splash247.com/deadly-fire-rips-through-indian-offshore-dive-support-vessel/> One person drowned and 13 others suffered burn injuries after a major fire swept through an offshore support vessel in Indian waters yesterday, forcing the crew to jump into the sea.

Container Fire Aboard APL Boxship Brought Under Control. *Maritime Executive*.

13 August 2019. Available from: <https://www.maritime-executive.com/article/container-fire-aboard-apl-boxship-brought-under-control> A container fire broke out aboard the boxship *APL Le Havre* off the coast of Gujarat last Friday evening, prompting a response from the Indian Coast Guard.

Headache for Kannur as towed ships run aground near coast. *Times of India*. 14 August 2019.

Available from: <https://timesofindia.indiatimes.com/city/thiruvananthapuram/headache-for-kannur-as-towed-ships-run-aground-near-coast/articleshow/70682355.cms> Kannur district administration will now face another problem as two Maldivian dead ships (a merchant vessel *Ocean Ruler* and fishing vessel *Oivalli*) which were towed from Maldives to Steel Industries Ltd Kerala's (SILK) shipbreaking yard at Azhikkal for scrapping – have broken from the tug and run aground at Azhikkal coast on August 8 and August 10 respectively.

Titanic sub dive reveals parts are being lost to sea. Rebecca Morelle. *BBC News*.

21 August 2019. Available from: <https://www.bbc.co.uk/news/science-environment-49420935>

The first people to dive down to the Titanic in nearly 15 years say some of the wreck is deteriorating rapidly.

Cargo ship sailing in Maluku waters loses contact. *Jakarta Post*. 26 August 2019.

Available from: <https://www.thejakartapost.com/news/2019/08/26/cargo-ship-sailing-in-maluku-waters-loses-contact.html> A Cessna aircraft was deployed Monday to search for cargo ship *MV Nur Allya*, which has been without contact since communication was cut off on Aug. 20 near Buru Island in Maluku.

25 feared dead as Indonesian bulker carrying nickel ore disappears. Sam Chambers.

Splash 247.com. 26 August 2019. Available from: <https://splash247.com/25-feared-dead-as-indonesian-bulker-carrying-nickel-ore-disappears/> Search and rescue teams are scouring eastern Indonesia after a bulk carrier carrying nickel ore with 25 people onboard sent a distress signal yesterday.

Many missing, as 100-passenger vessel capsizes in Cross River. Ike Uchechukwu.

Vanguard (Nigeria). 27 August 2019. Available from: <https://www.vanguardngr.com/2019/08/many-missing-as-100-passenger-vessel-capsizes-in-cross-river/> The fate of several passengers in a boat that left Calabar, the Cross River State capital, with over 100 passengers and crew members for Cameroon was yesterday unknown after the boat capsized on the high sea.

Latest nickel ore tragedy will set focus firmly back on vessel safety. Adam Corbett.

TradeWinds. 29 August 2019. Available from: <https://www.tradewindsnews.com/casualties/latest-nickel-ore-tragedy-will-set-focus-firmly-back-on-vessel-safety/2-1-661541> Standards of Indonesia's national fleet will have to improve as more of the country's nickel ore cargoes will be carried on domestic ships such as the *Nur Allya*, which is feared to have sunk.

APL boxship criticised for accident with fishing trawler. Martina Li. *Safety at Sea*.

29 August 2019. Available from: <https://safetyatsea.net/news/2019/apl-boxship-criticised-for-accident-with-fishing-trawler/> The crew on a container ship involved in a fatal collision with a fishing vessel was said to have acted inadequately in preventing the mishap.

Authorities close to decision in case on Maersk shipwrecks. Niklas Krigslund. *ShippingWatch*.

29 August 2019. Available from: <https://shippingwatch.com/secure/Offshore/article11581485.ece> Police have concluded their investigation of two shipwrecked Maersk vessels that sank in December 2016.

ENVIRONMENT

Alternative energy development posing unknown risks to marine life. Nicki Holmyard.

SeafoodSource. 25 July 2019. Available from: <https://www.seafoodsource.com/news/environment-sustainability/alternative-energy-development-posing-unknown-risk-to-marine-life> The proliferation of offshore wind, wave, and tidal energy projects, constructed in response to global concerns about climate change and energy security, have been greeted with caution by marine conservationists, who question their possible detrimental consequences on sea life.

Drone doctor: Measuring whale health from above – new UC research. *University of*

Canterbury (New Zealand). 31 July 2019. Available from: <https://www.canterbury.ac.nz/news/2019/drone-doctor-measuring-whale-health-from-above--new-uc-research.html> 📺 When assessing a patient's health, one of the first things a doctor does is measure the patient's vital signs.

DeepGreen Responds to Greenpeace Seabed Mining Report. *Maritime Executive*. 31 July 2019. Available from: <https://www.maritime-executive.com/editorials/deepgreen-responds-to-greenpeace-seabed-mining-report> We appreciate the recent Greenpeace report, *In Deep Water: The emerging threat of deep sea mining*, issued July 3, 2019, as a well-intentioned effort to protect the deep sea.

Pacific islands criticise Australia's carbon accounting dodge. Chloé Farand. *Climate Home News*. 31 July 2019. Available from: <https://www.climatechangenews.com/2019/07/31/pacific-islands-criticise-australias-carbon-accounting-dodge/> Island leaders called out the banking of old carbon credits to meet future climate goals, a trick Australia is relying on in the absence of carbon-cutting policies.

North Atlantic right whales in crisis - and the people risking lives to save them. Jessica Murphy. *BBC News*. 1 August 2019. Available from: <https://www.bbc.co.uk/news/world-us-canada-48998569> Once hunted to near extinction, North Atlantic right whales are now facing new human threats that could end the species.

Inuit and Ottawa announce new High Arctic marine conservation area, finalize another one. Levon Sevunts. *Radio Canada International (RCI)*. 1 August 2019. Available from: <https://www.rcinet.ca/en/2019/08/01/inuit-canada-new-high-arctic-marine-conservation-area/> The federal government and the Inuit announced Thursday the first step in the creation of a new marine protected area in the northernmost part of Nunavut in the High Canadian Arctic.

Kenya launches "Ivory Trade is a Rip Off" campaign. *United Nations Environment Programme (UNEP)*. 2 August 2019. Available from: <https://www.unenvironment.org/news-and-stories/press-release/kenya-launches-ivory-trade-rip-campaign> In a fresh effort to raise awareness and curb the illegal trade in ivory, Kenya yesterday launched a new wildlife conservation campaign dubbed "Ivory Trade is a Rip Off".

Fourth entangled North Atlantic right whale has been identified as 'Snake Eyes. Hina Alam. *National Post (Canada)*. 7 August 2019. Available from: <https://nationalpost.com/news/a-fourth-entangled-endangered-right-whale-seen-in-gulf-of-st-lawrence> The Department of Fisheries and Oceans says it has identified the fourth entangled North Atlantic right whale in the Gulf of St. Lawrence off the coast of the Iles-de-la-Madeleine.

UN oceans envoy Thomson backs Chile to assume leadership on IUU fight. *Pacific Islands News Association (PINA)*. 9 August 2019. Available from: <http://www.pina.com.fj/?p=pacnews&m=read&o=8273633335d4d032f201a8c3e485f5> Peter Thomson, who is leading the United Nations' "Goal 14" initiative for sustainable use of the oceans and marine resources, met with Chilean president Sebastian Pinera and other key policymakers to back the South American country's leadership in combating illegal, unreported and unregulated (IUU) fishing.

Oceans governance: quo vadis? - Alan Deidun. Alan Deidun. *Times of Malta*. 11 August 2019. Available from: <https://timesofmalta.com/articles/view/oceans-governance-quo-vadis-alan-deidun.727988> Malta, through the Ministry of Foreign Affairs, recently hosted the first global ocean ambassadors' meeting, with seminal entities currently involved in ocean governance convening around the same table to rationalise the various parallel ongoing activities within the same field.

Iran calls for environmental considerations in Caspian Sea projects. *MEHR News Agency (Iran)*. 12 August 2019. Available from: <https://en.mehrnews.com/news/148780/Iran-calls-for-environmental-considerations-in-Caspian-Sea-projects> Iran has called on the Caspian Sea littoral states to boost collaborations for safeguarding the world's largest enclosed inland body of water.

Guidance issued for protecting Kingdom's marine life. Khouth Sophak Chakrya. *Phnom Penh Post (Cambodia)*. 12 August 2019. Available from: <https://www.phnompenhpost.com/national/guidance-issued-protecting-kingdoms-marine-life> A fisheries Conservation Department official on Monday reiterated a recently issued 10-point guideline on protecting the Kingdom's marine life for visitors to Cambodia's coastline.

IUU Fishing's Onshore Enablers. *Maritime Executive*. 13 August 2019. Available from: <https://www.maritime-executive.com/article/iuu-fishing-s-onshore-enablers> In a new in-depth report, American data analysis nonprofit C4ADS has analyzed the opaque and little-understood global business networks which make large scale illegal fishing possible.

Strings Attached: Exploring the onshore networks behind illegal, unreported, and unregulated fishing. *C4ADS (Center for Advanced Defense Studies)*. 13 August 2019. Available from: <https://static1.squarespace.com/static/566ef8b4d8af107232d5358a/t/5d522c5102fde700013b5d4a/1565666414670/Strings+Attached.pdf> The value generated from illegal, unreported, and unregulated (IUU) fishing is estimated to be between \$10 billion and \$36.4 billion annually, making it the third most lucrative natural resource crime, following timber and mining.

TIS: Ten-year break on seabed mining to help science. *Cook Islands News*. 17 August 2019. Available from: <http://www.cookislandsnews.com/national/environment/item/73812-tis-ten-year-break-on-seabed-mining-to-help-science> Pacific civil society organisations have asked Pacific Islands Forum leaders for a 10-year moratorium on seabed mining from 2021 to 2030, to give time for more scientific data to be generated to better inform the governance and conservation of our Ocean.

Heads of maritime forces discuss Pacific safety. *Radio New Zealand*. 16 August 2019. Available from: <https://www.rnz.co.nz/international/pacific-news/396792/heads-of-maritime-forces-discuss-pacific-safety> The growing threat of the illicit drug trade and the challenges of climate change in the region have been the focus of heads of maritime forces meeting in Fiji this week.

Australia's climate change stance damaging relationship with Pacific islands, former Kiribati president warns. Matthew Doran. *ABC (Australia)*. 19 August 2019. Available from: <https://www.abc.net.au/news/2019-08-19/australia-climate-change-inaction-damaging-pacific-relationship/11426390> Pacific nations may view Australia as the "worst of two evils" when compared to China, after it undermined a deal on climate change, according to the former president of one of the region's smallest nations.

How MPAs Safeguard the High Seas. *Pew Charitable Trusts*. 19 August 2019. Available from: <https://www.pewtrusts.org/en/research-and-analysis/issue-briefs/2019/08/how-mpas-safeguard-the-high-seas> The high seas begin 200 nautical miles from coastal shores, beyond the jurisdiction of any country.

Ocean Cleanup tweaks, redeploys plastics collecting system. *World Maritime News*. 20 August 2019. Available from: <https://worldmaritimeneeds.com/archives/281851/> The Ocean Cleanup has completed another test campaign in the Great Pacific Garbage Patch, proving that its latest design solved a major issue.

Pacific leaders set new bar by collectively declaring climate crisis. Meg Taylor. *Climate Home News*. 28 August 2019. Available from: <https://www.climatechangenews.com/2019/08/28/pacific-leaders-set-new-bar-collectively-declaring-climate-crisis/> When regional giants Australia and NZ joined small islands at a recent leaders' forum they produced the Pacific's strongest-ever call to act on climate change.

OPINION: Tackling the climate emergency and protecting our oceans go hand-in-hand. Jennifer Morgan. *Reuters*. 29 August 2019. Available from: <http://news.trust.org/item/20190828135654-hna24> Scientists are clear that we need to protect at least 30% of our global oceans by 2030 if we are to safeguard wildlife and to help mitigate the impacts of climate change.

Great Barrier Reef outlook downgraded to 'very poor' as threats mount. Peter Hannam. *Sydney Morning Herald (Australia)*. 30 August 2019. Available from: <https://www.smh.com.au/environment/climate-change/great-barrier-reef-outlook-downgraded-to-very-poor-as-threats-mount-20190830-p52mb8.html> The Great Barrier Reef is at "a critical point" with the marine park's outlook downgraded on Friday from "poor" to "very poor" due to coral bleaching and deforestation.

Great Barrier Reef Outlook Report: cause for concern and accelerated action. *Government of Australia*. 30 August 2019. Available from: <https://bit.ly/2klFsGF> A new report released today by Australia's lead management agency for the Great Barrier Reef highlights the urgent need for our continued and accelerated action to improve the long-term outlook for this great natural icon.

ENVIRONMENTAL POLLUTION

40,000 liters of oil have spilled into the sea off a remote island in Chile's pristine Patagonia. Kay Guerrero and Helen Regan. *CNN*. 29 July 2019. Available from: <https://edition.cnn.com/2019/07/29/americas/chile-oil-spill-intl-hnk/index.html> The Chilean Navy has been deployed after 40,000 liters of diesel were spilled into the sea near a remote island on the country's southern coast.

MOL to Cooperate in JAMSTEC Marine Plastic Survey - Examining Japan-Palau Yacht Race Course. *Mitsui O.S.K. Lines (MOL)*. 30 July 2019. Available from: <https://www.mol.co.jp/en/pr/2019/19047.html> Mitsui O.S.K. Lines Ltd. today announced that it will cooperate in a survey related to marine plastic pollution, hosted by the Japan Agency for Marine Earth Science and Technology.

Paddling in plastic: meet the man swimming the Pacific garbage patch. Esha Chhabra. *The Guardian*. 31 July 2019. Available from: <https://www.theguardian.com/us-news/2019/jul/30/paddling-in-plastic-meet-the-man-swimming-the-pacific-garbage-patch> Ben Lecomte is spending his summer swimming in trash – literally; so far, he's found toothbrushes, laundry baskets, sandbox shovels and beer crates floating out in the open waters of the Pacific Ocean.

Microplastic waste fouls up beaches on Sri Lanka's southern tourism coast. Dilrukshi Handunnetti. *Mongabay*. 31 July 2019. Available from: <https://news.mongabay.com/2019/07/microplastic-waste-fouls-up-beaches-on-sri-lankas-southern-tourism-coast/> Sri Lanka's southern coastline is dotted with popular resorts and beaches, but this once pristine landscape hasn't been spared by the global plastic waste crisis, a study finds.

Mediterranean is Europe's most waste-polluted sea, study says. Stéphanie Senet. *EurActiv*. 31 July 2019. Available from: <https://www.euractiv.com/section/energy-environment/news/mediterranean-is-europes-most-waste-polluted-sea-study-says/> The Mediterranean Sea is the most waste-polluted sea in Europe, according to a 20-year study conducted by the French Research Institute for Exploitation of the Sea (Ifremer).

Cleanup called off after 12,000-litre Hibernia oil spill: regulator. *Global News (Canada)*. 1 August 2019. Available from: <https://globalnews.ca/news/5715790/cleanup-called-off-after-12000-litre-hibernia-oil-spill-regulator/> It's not possible to clean up what remains of an estimated 12,000 litres of oil spilled from the *Hibernia* platform off Newfoundland last month, according to the board that regulates the industry.

Learning from the oil spill. *Jakarta Post*. 5 August 2019. Available from: <https://www.thejakartapost.com/academia/2019/08/05/learning-from-the-oil-spill.html> An oil spill caused by a leak in one of three oil wells owned by state oil and energy company Pertamina at the Offshore North West Java (ONWJ) Block near Karawang, West Java, has started to shrink.

Environmental Agency files complaint against petroleum company due to Red Sea oil pollution. Al-Msry Al-Youm. *Egypt Independent*. 7 August 2019. Available from: <https://www.egyptindependent.com/agency-files-complaint-on-petroleum-company-due-to-oil-pollution-in-red-sea/> The Environmental Affairs Agency decided to file a complaint against the General Petroleum Company in Ras Ghareb of the Red Sea governorate after the company's work caused oil pollution to spread over a distance of 150 meters in the Dai al-Qamr area amid warnings of the spots extending to other areas and impacting beaches and maritime life on the Red Sea.

Indonesia's Pertamina says oil spill recovery will take until March 2020. Bernadette Christina Munthe and Gayatri Suroyo. *Reuters*. 8 August 2019. Available from: <https://www.reuters.com/article/us-indonesia-environment-oilspill/indonesias-pertamina-says-oil-spill-recovery-will-take-until-march-2020-idUSKCN1UY0TV> Clean-up efforts after an oil spill from a well in Indonesia's Java Sea will take until at least March next year, state energy firm Pertamina said on Thursday as it struggles to plug the underwater leak.

Lessons from Alaska: How an oil spill decimated a once thriving orca population. Bridgette Watson. *Canadian Broadcasting Corporation (CBC)*. 11 August 2019. Available from: <https://www.cbc.ca/news/canada/british-columbia/lessons-from-alaska-how-an-oil-spill-decimated-a-once-thriving-orca-population-1.5241571> Thirty years ago, the tanker ship *Exxon Valdez* spilled thousands of metric tons of crude oil into Alaska's Prince William Sound, and the local killer whale population was literally swimming in the thick of it.

Gujarat: Oil from ships polluting sea. Paul John. *Times of India*. 12 August 2019. Available from: <https://timesofindia.indiatimes.com/city/ahmedabad/oil-from-ships-polluting-sea/articleshow/70635149.cms> Scientists observed 270 images and satellite data from Sentinel-1 satellite's Synthetic Aperture Radar (SAR) to carefully sift out those oil spills that occurred routinely in the sea far from the coast, which usually went unidentified and unreported, and no precautionary measures are taken to rectify the damage caused by such oil spills by ships.

On the occasion of Caspian Sea day: waste management atop agenda. *Tehran Times (Iran)*. 13 August 2019. Available from: <https://www.tehrantimes.com/news/439188/On-the-occasion-of-Caspian-Sea-day-waste-management-atop-agenda> Ahmad Lahijanzadeh, deputy Department of Environment chief, made the remarks on Monday on the occasion of Caspian Sea Day 2019, Mehr reported.

Punch in the gut' as scientists find micro plastic in Arctic ice. Matthew Green. *Reuters*.

14 August 2019. Available from: <https://uk.reuters.com/article/us-environment-arctic-plastic/punch-in-the-gut-as-scientists-find-micro-plastic-in-arctic-ice-idUKKCN1V41V2> Tiny pieces of plastic have been found in ice cores drilled in the Arctic by a U.S.-led team of scientists, underscoring the threat the growing form of pollution poses to marine life in even the remotest waters on the planet.

Fuel valve to blame for power outage on Hibernia platform, causing spill. *Canadian*

Broadcasting Corporation (CBC). 19 August 2019. Available from: <https://www.cbc.ca/news/canada/newfoundland-labrador/hibernia-oil-spill-cnlopb-1.5251790> Natural resources minister vows to make changes if necessary to prevent future spills.

Hibernia says no visible oil sheen, days after 2,200-litre spill. *Canadian Broadcasting*

Corporation (CBC). 20 August 2019. Available from: <https://www.cbc.ca/news/canada/newfoundland-labrador/hibernia-says-oil-sheen-smaller-1.5253820> Hibernia says satellite imagery Tuesday does not show any sheen from the oil spill, as production on the offshore oil platform remains shut down.

How much oil is recovered in average spill? Not much, if any. Stephanie Tobin. *Canadian*

Broadcasting Corporation (CBC). 22 August 2019. Available from: <https://www.cbc.ca/news/canada/newfoundland-labrador/oil-spill-averages-hibernia-update-1.5255733> Efforts are underway to recover the oil from the latest spill off the coast of Newfoundland, but it's unlikely much, if any, will be recovered.

Rare ECJ case rules that debris from a fire on board a ship is excluded from international shipment of waste rules, but leaves important questions unanswered. *Hellenic Shipping News*.

26 August 2019. Available from: <https://bit.ly/2IC3aOW> The law on the international shipment of waste is of increasing importance to many global businesses.

Shipping company forced to give evidence over Queensland oil spill. Lydia Lynch. *Brisbane Times (Australia)*. 27 August 2019. Available from:

<https://www.brisbanetimes.com.au/national/queensland/shipping-company-forced-to-give-evidence-over-queensland-oil-spill-20190827-p52lbj.html> An international shipping company accused of dumping 90 tonnes of oil into Queensland waters will be forced to give evidence at a pre-trial hearing.

Marine life is still struggling after the Deepwater Horizon oil spill. Chelsea Whyte.

New Scientist. 28 August 2019. Available from: <https://www.newscientist.com/article/2214384-marine-life-is-still-struggling-after-the-deepwater-horizon-oil-spill/> It wasn't just the coastline and the ocean surface that was drenched in oil after the Deepwater Horizon spill of 2010.

122 port calls to Malta scheduled for 2019 by the world's worst-polluting cruise ships.

Malta Independent. 28 August 2019. Available from: <https://bit.ly/2IJZpqC> This year there will be no less than 122 port calls to Malta by Europe's worst-polluting cruise ships, according to the Cruise Ship Ranking for 2019 which has just been published and released in Malta by BirdLife.

IMO

IMO: The chance of postponing 1 January 2020 deadline is zero. *BIMCO*. June 2019. Available from: <http://portfolio.cpl.co.uk/BIMCO/201906/imo/> The Bulletin met with Frederick Kenney, Director of Legal and External Affairs at the IMO, to talk about why there is no chance that the 2020 sulphur limit deadline will be pushed, what will happen if ships experience operational problems because of the new fuels, and why regulation of open-loop scrubbers should be consistent rather than regional.

IMO visit port authority of NSW - Newcastle. *Port Authority of New South Wales*. 31 July 2019. Available from: <https://bit.ly/2Yj9Wvo> The Port Authority's Vessel Arrival System, operating in Newcastle Harbour, has received international interest from Europe and the IMO.

Communication will be key in the months leading up to 2020, says IMO. *London International Shipping Week*. 2 August 2019. Available from: <https://londoninternationalshippingweek.com/communication-will-be-key-in-the-months-leading-up-to-2020-says-imo/> After three years of discussions, predictions and preparations following MEPC 70 in 2016, the January 1st implementation date for the sulphur cap is almost upon the shipping industry.

Genco: Comprehensive IMO 2020 Strategy. Laxman Pai. *Maritime Logistics Professional*. 8 August 2019. Available from: <https://www.maritimeprofessional.com/news/genco-comprehensive-2020-strategy-349244> Genco Shipping & Trading said that a comprehensive IMO 2020 strategy underway and four of its capesize vessels have had scrubbers successfully installed to date, and it anticipates its remaining capesize vessels to be scrubber-equipped by the end of 2019.

WISTA Advocates for Female Sec-Gen for IMO. Eromosele Abiodun. *This Day (Nigeria)*. 16 August 2019. Available from: <https://www.thisdaylive.com/index.php/2019/08/16/wista-advocates-for-female-sec-gen-for-imo/> Members of the Women in International Shipping Trading Association (WISTA) have called on ship builders to consider gender friendly ship designs so as to encourage more women to come into the seafaring profession.

Launching of national workshop on BioFouling Management and Invasive Aquatic Species. *Government of Mauritius*. 22 August 2019. Available from: <http://www.govmu.org/English/News/Pages/Launching-of-national-workshop-on-BioFouling-Management-and-Invasive-Aquatic-Species.aspx> A two-day workshop on BioFouling Management and Invasive Aquatic Species, organised by the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping in collaboration with the IMO, was opened this morning.

How is IMO 2020 shaping and impacting the shipping industry? *KPMG International*. August 2019. Available from: <https://home.kpmg/xx/en/home/insights/2019/08/imo-2020-value-proposition.html> IMO 2020 marks the most recent culmination of efforts in decreasing the pollution exhibited by the maritime industry on the ecological life impacted by its day-to-day operations. [IMO 2020 - value proposition](#) 

LAW & POLICY

Human capital, key asset in harnessing marine resources - Head of Service. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 26 July 2019. Available from:

<https://www.nimasa.gov.ng/press-center/post/human-capital-key-asset-in-harnessing-marine-resources-head-of-service> The Head of the Civil Service of the Federation, Mrs. Winifred Oyo-Ita, has identified human capacity as an area where Nigeria has a huge comparative advantage in the global maritime community, stating that this unique human asset was significant in the effort to sustainably harness the country's marine biodiversity.

Australia approves controversial oil and gas deal with Timor-Leste. *SBS News (Australia)*.

29 July 2019. Available from: <https://www.sbs.com.au/news/australia-approves-controversial-oil-and-gas-deal-with-timor-leste> The maritime border treaty comes after a bitter decade-long dispute between the two countries over the Greater Sunrise gas fields.

What do Saudi Arabia's moves in maritime law mean? *Hellenic Shipping News*. 30 July 2019.

Available from: <https://www.hellenicshippingnews.com/what-do-saudi-arabias-moves-in-maritime-law-mean/> The Maritime Law applies to all Saudi Arabian flagged vessels and foreign vessels that call at the Kingdom's ports and territorial waters.

Ukrainian Court Seizes Russian Tanker. *Maritime Executive*. 30 July 2019. Available from:

<https://www.maritime-executive.com/article/ukrainian-court-rules-to-seize-russian-tanker> A district court in Odessa, Ukraine has ruled to uphold the seizure of the Russian product tanker *Nika Spirit*, which was detained by Ukrainian government security services in the port of Izmail on July 25.

Iran, UAE to hold joint coast guard meeting in Tehran. *MEHR News Agency (Iran)*. 30 July 2019.

Available from: <https://en.mehrnews.com/news/148234/Iran-UAE-to-hold-joint-coast-guard-meeting-in-Tehran> A seven-member delegation from the UAE coast guard arrived in Tehran to attend the joint meeting on Tuesday, which will be held in line with the plans to boost maritime security cooperation between the two Persian Gulf littoral states.

Ghana grapples with illegal fishing as stocks dive. *France 24*. 31 July 2019. Available from:

<https://www.france24.com/en/20190731-ghana-grapples-with-illegal-fishing-stocks-dive> Fish vendor Mercy Allotey waits at the beachfront in Ghana's capital Accra for customers to buy the freshest catch brought in by the brightly-coloured dugout canoes plying the coast.

Pacific Islands active for Climate and Ocean action: Kami. Harrison Selmen. *Vanuatu Daily Post*.

31 July 2019. Available from: http://dailypost.vu/news/pacific-islands-active-for-climate-and-ocean-action-kami/article_90b51206-50c4-535b-a88c-89e832663ca9.html The Pacific Islands' effort and ambition for climate and ocean action was the key message conveyed to the Secretary General of IMO, Mr. Kitack Lim, during a public lecture at USP last weekend.

Support for Philippines' diplomatic protest against Chinese boats 'swarming' in disputed

South China Sea. Francine Chen. *South China Morning Post*. 1 August 2019. Available from: <https://www.scmp.com/news/asia/southeast-asia/article/3020927/support-philippines-diplomatic-protest-against-chinese> Manila's diplomatic protest over Chinese boats "swarming" near a Philippine-administered island in the South China Sea has been supported by several senators and analysts, who urged the government to be more assertive in defending the country's sovereignty.

Iran says ready for worst in battle to save nuclear deal amid standoff with U.S. Parisa Hafezi. *Reuters*. 1 August 2019. Available from: <https://reut.rs/2ktlN7q> President Hassan Rouhani said on Thursday that Iran was ready for the worst in an uphill struggle to salvage its nuclear deal with world powers abandoned by the United States, but that he was sure Tehran would eventually prevail.

Changes in the Arctic: Background and Issues for Congress. *US Congressional Research Service*. 2 August 2019. Available from: <https://crsreports.congress.gov/product/pdf/R/R41153>  The diminishment of Arctic sea ice has led to increased human activities in the Arctic, and has heightened interest in, and concerns about, the region's future.

IRGC Seizes Foreign Vessel Smuggling Fuel from Iran. *FARS News Agency (Iran)*. 4 August 2019. Available from: <https://en.farsnews.com/newstext.aspx?nn=13980513000721> According to an IRGC public relations office announcement, following consultations with the legal and judicial officials, the force seized the vessel in a surprise attack near the Farsi Island.

MP says briefed UK envoy on legal aspects of tanker seizure. *Islamic Republic News Agency - IRNA (Iran)*. 4 August 2019. Available from: <https://en.irna.ir/news/83424135/MP-says-briefed-UK-envoy-on-legal-aspects-of-tanker-seizure> Iranian forces seized the UK tanker in the Strait of Hormuz on July 19, two weeks after a Panama-flagged tanker carrying Iran's oil was confiscated by the UK Navy in Gibraltar.

Australia considering United States request to join coalition to protect oil shipments in the Persian Gulf. Greg Jennett and Stephanie Dalzell. *ABC (Australia)*. 4 August 2019. Available from: <https://www.abc.net.au/news/2019-08-04/australia-considering-request-to-protect-oil-in-persian-gulf/11382242>  Australia is considering a "serious and complex" request from the United States to help protect oil shipments against Iranian interference in the Persian Gulf.

Iran says will not tolerate 'maritime offences' in Gulf. Tuqa Khalid. *Reuters*. 5 August 2019. Available from: <https://www.reuters.com/article/us-mideast-iran-zarif-idUSKCN1UV0KR>  Iran runs security in the Strait of Hormuz and will no longer tolerate "maritime offences" there, its foreign minister said on Monday, a day after it seized a second oil tanker near the strategic waterway that it accused of smuggling fuel.

How Nigeria Can Leverage World Ocean Economy To Boost GDP. *Independent (Nigeria)*. 5 August 2019. Available from: <https://www.independent.ng/how-nigeria-can-leverage-world-ocean-economy-to-boost-gdp/> With a coastline of 852 kilometres bordering the Atlantic Ocean in the Gulf of Guinea and a maritime area of over 46,000 km², Nigeria is no doubt is a blessed maritime nation.

Chinese investors plan economic zones in 3 strategic islands in the Philippines. *Straits Times*. 5 August 2019. Available from: <https://www.straitstimes.com/asia/se-asia/chinese-investors-plan-economic-zones-in-3-strategic-islands-in-the-philippines> Chinese investors are targeting three strategic islands in northern Philippines for transformation into economic and tourism zones.

Stena Bulk hits out at Iran as tanker detention continues. Matt Coyne. *TradeWinds*. 6 August 2019. Available from: <https://www.tradewindsnews.com/casualties/stena-bulk-hits-out-at-iran-as-tanker-detention-continues/2-1-649947> The continued detention of one of its tankers in Iran is "unacceptable and unjustifiable", Stena Bulk said in a statement Tuesday.

£40m heroin seizure after international operation. *UK National Crime Agency (NCA)*. 6 August 2019. Available from: <https://www.nationalcrimeagency.gov.uk/news/40m-heroin-seizure-after-international-operation> An international law enforcement investigation has resulted in one of the largest ever seizures of heroin in the UK.

South Africa gearing towards becoming one of the world's maritime centres of excellence:**SAMSA.** *South African Maritime Safety Authority (SAMSA)*. 6 August 2019. Available from:<https://blog.samsa.org.za/2019/08/06/south-africa-gearing-towards-becoming-one-of-the-worlds-maritime-centres-of-excellence-samsa/>

South Africa, geographically located at the southern tip of the African continent bordering on three vast oceans to the east, south and west; is on course to become one of the world's maritime centres of excellence by 2030, according to the South African Maritime Safety Authority (SAMSA).

China is expanding its UN presence, in belt and road push. Chloé Farand. *Climate Home News*.6 August 2019. Available from: <https://www.climatechangenews.com/2019/08/06/china-expanding-un-presence-belt-road-push/>

As the US withdraws from the international arena, China is playing for dominance in UN spaces.

Singapore Convention shows countries can come to consensus: PM Lee Hsien Loong.Tham Yuen-C. *Straits Times*. 7 August 2019. Available from:<https://www.straitstimes.com/singapore/singapore-convention-shows-countries-can-come-to-consensus-pm-lee-hsien-loong>

The Singapore Convention - a United Nations treaty signed in Singapore on Wednesday which paves the way for mediation settlements to be enforced across borders - is a powerful statement in support of multilateralism, said the Prime Minister.

High seas treaty: race for rights to ocean's genetic resources. Li Jing. *China Dialogue Ocean*.7 August 2019. Available from: <https://chinadialogueocean.net/9644-high-seas-treaty-race-for-rights-to-oceans-genetic-resources/>

The ocean is home to millions of species, many of which are still unknown to humans.

Negotiations halfway complete on UN high seas treaty, with far-reaching impacts for seafood industry. Aaron Orłowski. *SeafoodSource*. 8 August 2019. Available from:<https://www.seafoodsource.com/news/environment-sustainability/negotiations-halfway-complete-on-un-high-seas-treaty-with-far-reaching-impacts-for-seafood-industry>

Time is running out for the fishing and seafood industries to weigh in on a United Nations treaty that will govern fishing and other activities on the high seas.

A Ship Registry at Last. Eromosele Abiodun. *This Day (Nigeria)*. 9 August 2019. Available from:<https://www.thisdaylive.com/index.php/2019/08/09/a-ship-registry-at-last/> Nigeria once had a thriving ship registry and vessels proudly carried the Nigerian flag.**Government of Canada invests in key research on oil spill response measures and coastal environmental baseline monitoring at the University of Manitoba.** *Government of Canada*.9 August 2019. Available from: <https://bit.ly/2k28bjl>

The Government of Canada is dedicated to protecting our oceans and waterways and to keeping them clean, secure and productive for the benefit of all Canadians, now and into the future.

Ten Proposals for an Ambitious Treaty to Strengthen Global High Seas Governance Framework. *Nippon Foundation*. 14 August 2019. Available from:<https://nereusprogram.org/works/ten-proposals-for-an-ambitious-treaty-to-strengthen-global-high-seas-governance-framework/>

Nereus research fellows Harriet Harden-Davies (University of Wollongong/ANCORS) and Guillermo Ortuño Crespo (Duke University) with Principal Investigator Daniel Dunn (Duke University) recently published a policy brief for the independent policy research institute IDDRI and Sciences Po.

NOAA awards \$2.7 million in grants for marine debris removal and research. *US National Oceanic and Atmospheric Administration (NOAA)*. 15 August 2019. Available from: <https://www.noaa.gov/media-release/noaa-awards-27-million-in-grants-for-marine-debris-removal-and-research> NOAA today announced a total of \$2.7 million in grants supporting 14 projects to address the harmful effects of marine debris on wildlife, navigation safety, economic activity, and ecosystem health.

Norton Rose Fulbright women appointed to leading roles in Canadian maritime law organizations. *Norton Rose Fulbright*. 15 August 2019. Available from: <https://www.nortonrosefulbright.com/en/news/7755884f> Two Vancouver-based Norton Rose Fulbright lawyers have been appointed to high-level positions within prominent Canadian maritime law organizations.

Grace 1 leaves Gibraltar Waters as Government declines US request to seize it. *Gibraltar Broadcasting Corporation (GBC)*. 18 August 2019. Available from: <https://www.gbc.gi/news/latest-gibraltar-government-declines-us-request-assist-detention-grace-1> After a stormy forty-six days in Gibraltar Waters, the *Grace 1*, now called the *Adrian Darya*, has left.

Jakarta's protectionism raises alarm for free and fair shipping. Adam Corbett. *TradeWinds*. 19 August 2019. Available from: <https://www.tradewindsnews.com/regulation/jakarta-s-protectionism-raises-alarm-for-free-and-fair-shipping/2-1-655451> Indonesia has belatedly opted out of IMO 2020 and is ramping up other policies designed to give preferential treatment to its domestic shipping industry.

Renamed Grace 1 sails from Gibraltar after last ditch US arrest effort. Dale Wainwright and Max Tingyao Lin. *TradeWinds*. 19 August 2019. Available from: <https://www.tradewindsnews.com/tankers/renamed-grace-1-sails-from-gibraltar-after-last-ditch-us-arrest-effort/2-1-656048> The VLCC is now sailing to Kalamata, Greece for arrival on 25 August.

New rules for governing high seas must be fair for everyone. Essam Yassin Mohammed. *World Ocean Initiative (WOI)*. 19 August 2019. Available from: <https://www.woi.economist.com/new-rules-for-governing-high-seas-must-be-fair-for-everyone/> In a guest blog, Dr Essam Yassin Mohammed, head of blue economy at the International Institute for Environment and Development, discusses the need for a global ocean treaty.

High Seas Treaty advances, could protect last global common. Liz Karan. *Pew Charitable Trusts*. 19 August 2019. Available from: <https://bit.ly/2kIIASU> The high seas provide a refuge for numerous large migratory species, including whales, sharks, tuna, and porpoises.

Iran tanker heads to Greece, U.S. warns against helping vessel. *Reuters*. 19 August 2019. Available from: <https://www.reuters.com/article/us-mideast-iran-tanker/iran-tanker-heads-to-greece-us-warns-against-helping-vessel-idUSKCN1V90DM> An Iranian tanker at the center of an angry confrontation between Iran and Washington sailed for Greece on Monday after it was freed from detention off Gibraltar, as Washington called the release unfortunate and warned Greece and Mediterranean ports against helping the vessel.

Iran warns US against seizing its tanker as tensions flare in Persian Gulf. Dania Saadi and Aresu Eqbali. *S&P Global Platts*. 19 August 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/081919-iran-warns-us-against-seizing-its-tanker-as-tensions-flare-in-persian-gulf> Iran cautioned the US against seizing its tanker *Grace 1*, which has been renamed *Adrian Darya-1* and set sail from Gibraltar after more than a month of detention amid continued rising tensions in the Persian Gulf region.

IMO2020: Lack of enforcement does not change requirement for compliance. *Ship & Bunker*. 20 August 2019. Available from: <https://shipandbunker.com/news/world/623384> Vessels flagged with MARPOL Annex VI signatory states need to comply with the upcoming IMO 2020 rule at all times even when they are operating in waters where the IMO 2020 rule is not being enforced, sulfur regs enforcement lobby Trident Alliance (TA) has stressed.

Indonesia will implement IMO low-sulfur fuel rule on schedule: ministry. Bernadette Christina Munthe. *Reuters*. 20 August 2019. Available from: <https://reut.rs/2k0MyQs> Indonesian-flagged ships will comply with new low-sulfur fuel rules that start next year, the country's Ministry of Transportation said on Tuesday, after earlier saying more time was needed to meet the requirement.

Russian Maritime Register of Shipping signed new agreement with Maritime Administration of the Republic of Cyprus. *Port News*. 20 August 2019. Available from: <http://portnews.ru/news/282168/> Russian Maritime Register of Shipping says it has signed a new agreement with the Maritime Administration of the Republic of Cyprus.

Singapore Hosts 38th Meeting of the ASEAN Maritime Transport Working Group. *Government of Singapore*. 21 August 2019. Available from: https://www.gov.sg/resources/sgpc/media_releases/mpa/press_release/P-20190821-1 The Maritime and Port Authority of Singapore (MPA) will host the 38th Meeting of the ASEAN Maritime Transport Working Group (MTWG) from 21 to 23 August 2019.

ITLOS decisions are final and binding, but cases can often take years to resolve. Geoff Garfield. *TradeWinds*. 22 August 2019. Available from: <https://www.tradewindsnews.com/law/itlos-decisions-are-final-and-binding-but-cases-can-often-take-years-to-resolve/2-1-657134> However, there is a 30-day deadline for delivering judgments covering prompt release of vessels and crew.

Palace asserts requirement for foreign vessels to get clearance. Azer Parrocha. *Philippine News Agency (PNA)*. 22 August 2019. Available from: <https://www.pna.gov.ph/articles/1078467> Malacañang maintained on Thursday that foreign vessels passing through the Philippines' territorial waters will be asked to get clearance even if it is not required under the United Nations Convention on the Law of the Sea (UNCLOS).

Seychelles approves expansion of territorial waters by nearly 15,000 square kilometres. Salifa Karapetyan. *Seychelles News Agency*. 22 August 2019. Available from: <http://www.seychellesnewsagency.com/articles/11527> The Cabinet of Ministers has approved the incorporation of the extended continental shelf of the Northern plateau region under the Seychelles' jurisdiction.

Japan pledges to invest in Kenya's blue economy. *Kenya Broadcasting Corporation (KBC)*. 22 August 2019. Available from: <https://www.kbc.co.ke/japan-pledges-to-invest-in-kenyas-blue-economy/> Japan has pledged to invest in Kenya's blue economy through maritime security and modernization of the port of Mombasa.

Fifth meeting on Ghana/Togo Maritime Boundary Negotiations opens in Accra. *GhanaWeb*. 25 August 2019. Available from: <https://www.ghanaweb.com/GhanaHomePage/business/Fifth-meeting-on-Ghana-Togo-Maritime-Boundary-Negotiations-opens-in-Accra-775145> The fifth meeting on the Ghana/Togo Maritime Boundary Negotiations has opened in Accra with a call on both parties to work towards an amicable solution.

EPA to provide relief for certain marine diesel engines. *US Environmental Protection Agency (EPA)*. 26 August 2019. Available from: <https://www.epa.gov/newsreleases/epa-provide-relief-certain-marine-diesel-engines-0> Today, the Environmental Protection Agency is proposing to amend the national marine diesel engine program to provide relief to boat builders and manufacturers of lightweight and high-power marine diesel engines that are used in high-speed commercial vessels such as lobster fishing boats and pilot boats.

Tankship owner and operator and senior officers convicted of violations for air pollution. *US Department of Justice*. 26 August 2019. Available from: <https://www.justice.gov/usao-vi/pr/tankship-owner-and-operator-and-senior-officers-convicted-violations-air-pollution> The owner and operator will pay a total criminal fine of \$3,000,000.00.

Britannia Protects the Waves: £7 million extra funding to protect UK marine life. Rt Hon Dominic Raab MP. *UK Government*. 26 August 2019. Available from: <https://www.gov.uk/government/news/britannia-protects-the-waves-7m-extra-funding-to-protect-uk-marine-life> UK commits to extend its Blue Belt scheme as the Prime Minister tells world leaders: act now before it's too late.

Caribbean nations rally around pollution-free future. *United Nations Environment Programme (UNEP)*. 27 August 2019. Available from: <https://www.unenvironment.org/news-and-stories/press-release/caribbean-nations-rally-around-pollution-free-future> Caribbean Island States signalled their commitment to achieving a pollution-free future today, with representatives of nine Caribbean nations gathering to launch the Implementing Sustainable Low and Non-Chemical Development in Small Island Developing States (ISLANDS) programme in Port of Spain.

The United States Ratifies Central Arctic Ocean Fisheries Agreement. *US Department of State*. 27 August 2019. Available from: <https://www.state.gov/the-united-states-ratifies-central-arctic-ocean-fisheries-agreement/> The United States is the fourth party to ratify the Agreement to Prevent Unregulated High Seas Fisheries in the Central Arctic Ocean after Canada, the Russian Federation, and the European Union.

State Parties urged to find 'landing zones' and 'bridging areas' as BBNJ negotiation intensifies. Makereta Komai. *Pacific Islands News Association (PINA)*. 28 August 2019. Available from: <http://www.pina.com.fj/?p=pacnews&m=read&o=19357823415d6722c2690efd432746> State Parties negotiating the new High Seas treaty in New York are being urged to address current gaps in the negotiations and focus on 'landing zones and bridging areas' rather than previously articulated positions.

Women preside over negotiations of high seas treaty including Palau's top diplomat at the UN. Makereta Komai. *Pacific Islands News Association (PINA)*. 28 August 2019. Available from: <http://www.pina.com.fj/index.php?p=pacnews&m=read&o=20679067055d674266f6461604b32d> Palau's Permanent Representative to the UN, Ambassador Olai Uludong is one of the facilitators of the four informal working groups negotiating the high seas treaty underway in New York.

MARINE TECHNOLOGY

BAE Systems announces evolution in unmanned boat technology. *BAE Systems*. 24 July 2019. Available from: <https://www.baesystems.com/en/article/bae-systems-announces-evolution-in-unmanned-boat-technology> BAE Systems has successfully completed a series of trials on a 'first of its kind' autonomous boat that will allow navies to go beyond the limits of human endurance with unmanned vessels that can travel further, for longer and to more inhospitable environments.

Futuristic passenger ship e-navigation revealed. Martyn Wingrove. *Passenger Ship Technology*. 30 July 2019. Available from: <https://www.rivieramm.com/news-content-hub/futuristic-passenger-ship-e-navigation-revealed-55725> Saga Cruises, DFDS and Carnival discuss their investments in e-navigation technology, while AI and auto-docking is tested on bridges.

S. Korea eager to lead the way in autonomous ship market. Joo Kyung-don. *Yonhap News Agency (South Korea)*. 31 July 2019. Available from: <https://en.yna.co.kr/view/AEN20190719007900320> When it comes to autonomous transportation, self-driving or autonomous cars backed by artificial intelligence, big data and lots of sensors springs to mind.

Autonomous ships: MASS – the “pearl” of an opportunity. *Holman Fenwick Willan LLP*. July 2019. Available from: <http://www.hfw.com/downloads/001339%20BRIEFING%20MASS%20Offshore%20Bulletin.pdf> Since our last article on Maritime Autonomous Surface Ships (MASS) in December 2018, as expected there have been continued developments in technology and demonstrations.

Why Unmanned Systems are Ideal for “Grey Zone” Ops in the Gulf. Heiko Borchert. *Maritime Executive*. 12 August 2019. Available from: <https://www.maritime-executive.com/editorials/why-unmanned-systems-are-ideal-for-gray-zone-ops-in-the-gulf> Current incidents in the Arabian Sea should be seized as an opportunity to advance naval conceptual thinking about unmanned maritime systems in grey zone operations.

New study finds use of heavy fuel with scrubbers can help reduce GHG emissions. Lee Hong Liang. *Seatrade Maritime News*. 13 August 2019. Available from: <https://bit.ly/2kyddED> A recent Norwegian study has concluded that the continued use of heavy fuel oil with exhaust gas cleaning systems, or scrubbers, will have a positive effect on global greenhouse gas emissions.

Kongsberg Digital simulation and software selected to fast-track R&D at new autonomous ship centre in Korea. Anne Voith. *Kongsberg*. 16 August 2019. Available from: <https://www.kongsberg.com/digital/news-and-media/news-archive/2019/kongsberg-digital-simulation-and-software-selected-to-fast-track-rd-at-new-autonomous-ship-centre-in-korea/> UIPA, the South Korean Information and Communication Technology Promotion Agency has awarded Kongsberg Digital the contract to supply a fully-featured bridge simulator for a new, state-of-the-art autonomous ship research facility in Ulsan, South Korea.

Sea Machines successfully deploys industry’s first autonomous spill-response vessel, fulfills agreement with MARAD. *Sea Machines*. 21 August 2019. Available from: <https://sea-machines.com/sea-machines-successfully-deploys-industrys-first-autonomous-spill-response-vessel-fulfills-agreement-with-marad> As a part of its cooperative agreement with the U.S. Department of Transportation Maritime Administration (MARAD), Boston-based Sea Machines Robotics announces that it has successfully demonstrated its autonomous systems in action on board a Kvichak Marco skimmer boat during events held along the Portland harbor earlier today.

New technology will listen for underwater whale traffic in an effort to reduce ship strikes.

Liz Allen. *Forbes*. 27 August 2019. Available from:

<https://www.forbes.com/sites/allenelizabeth/2019/08/27/new-technology-will-listen-for-underwater-whale-traffic-in-an-effort-to-reduce-ship-strikes/> Scientists from the Benioff Ocean Initiative and Woods Hole Oceanographic Institution have deployed a hydrophone, or underwater microphone, to listen for whale traffic in the Santa Barbara Channel.

Autonomous shipping – are we being blinded by technology? Marcus Hand. *Seatrade Maritime News*. 30 August 2019. Available from: <https://bit.ly/2IW24h5> A complex operating environment will slow the development of autonomous shipping, and we should not be blinded by technology, a safety conference in Singapore was told this week.

MARITIME EDUCATION & TRAINING

Female learners ‘dive in’ to maritime working world. *My Port Elizabeth (South Africa)*.

3 August 2019. Available from: <http://myportelizabeth.co.za/female-learners-dive-in-to-maritime-working-world/60645> Female high school learners and university students got a practical taste of the maritime working world and gained vital sea safety skills in a short course sponsored by Siyaloba Training Academy and the South African International Maritime Institute (SAIMI) this week [30-31 July].

IMLI, FAO hold second annual training course on international fisheries law. *Times of Malta*.

4 August 2019. Available from: <https://timesofmalta.com/articles/view/imli-fao-hold-second-annual-training-course-on-international-fisheries.726697> The International Maritime Law Institute (IMLI) of the International Maritime Organisation (IMO) in collaboration with the Food and Agriculture Organisation (FAO) last month held a three-week competency-based International Fisheries Law Training Course at the Institute’s premises at the University of Malta’s Msida campus.

Major breakthrough in maritime studies in Seychelles. *Seychelles Nation*. 8 August 2019.

Available from: <http://www.nation.sc/articles/1118/major-breakthrough-in-maritime-studies-in-seychelles> Seychelles has started to issue certificate of competency to Seychellois seafarers, now that the Seychelles Maritime Academy is providing a new field of internationally recognised certified maritime studies for the purpose.

Women encouraged to dive-in to the maritime sector. *My Cape Town (South Africa)*.

8 August 2019. Available from: <http://mycapetown.co.za/women-encouraged-to-dive-in-to-the-maritime-sector/> Women students aiming to enter the traditionally male-dominated maritime sector gained career advice, life lessons and valuable contacts with successful female maritime professionals at a Women’s Month career and networking event hosted by the South African International Maritime Institute (SAIMI) in Cape Town this week.

IMLI awards marine environment law prize. *Times of Malta*. 11 August 2019. Available from:

<https://timesofmalta.com/articles/view/imli-awards-marine-environment-law-prize.728165> The prize was presented to Ms Moore by Gabino Gonzalez (head of office, REMPEC) during the International Maritime Law Institute’s 30th annual graduation ceremony held at the Malta Maritime Museum in Vittoriosa.

AMC and Kongsberg new five year agreement. *Australian Maritime College (AMC).* 19 August 2019. Available from: <http://www.amc.edu.au/about-amc/news-and-events/news-items/amc-and-kongsberg-digital-sa-renew-partnership/amc-and-kongsberg-new-five-year-agreement> The Australian Maritime College and Kongsberg Digital AS have cemented a long-standing business relationship for the supply of simulation software and hardware with a new Long-Term System Support Program.

MARITIME SAFETY

Figures that should set alarm bells ringing over ship safety standards. Julian Bray. *TradeWinds.* 31 July 2019. Available from: <https://www.tradewindsnews.com/opinion/figures-that-should-set-alarm-bells-ringing-over-ship-safety-standards/2-1-646402> In this era of increasing sophistication in business, it is easy to lose sight of fundamental values. Amid the debate over the digitalisation of business processes and the looming need to slash carbon emissions, one could be forgiven for thinking the shipping industry had resolved all its past ills.

China - Penalty for Dangerous Goods Misdeclaration. *Hapag-Lloyd.* 6 August 2019. Available from: <https://www.hapag-lloyd.com/en/news-insights/news/2019/08/china---penalty-for-dangerous-goods-misdeclaration.html> In the overall interest of safe operation onboard, please note that for mis-declaration of hazardous cargoes prior to shipment, Hapag-Lloyd will implement a penalty of USD 15,000.00 per container, effective as from September 15, 2019.

Malfunctioning fumigation hatch creates panic in Vancouver. Sam Chambers. *Splash 247.com.* 7 August 2019. Available from: <https://splash247.com/malfunctioning-fumigation-hatch-creates-panic-in-vancouver/> 📢 Locals enjoying the sunshine on a beach in West Vancouver were startled in the late afternoon yesterday when they heard a large bang from a nearby bulk carrier followed by enormous plumes of white smoke.

RNLI: To Survive Cold Water Shock, Take a Moment to Float. *Maritime Executive.* 7 August 2019. Available from: <https://www.maritime-executive.com/article/rnli-to-survive-cold-water-shock-take-a-moment-to-float> The UK's Royal National Lifeboat Institution (RNLI) says that its simple survival advice for cold water immersion is already helping to keep people alive.

Safety First, Safety Second, Safety Always! James Taylor. *Maritime Executive.* 7 August 2019. Available from: <https://www.maritime-executive.com/blog/safety-first-safety-second-safety-always> During my career in the shipping business, the subject of safety was always at the forefront.

Liners rally to impose fines on misdeclared cargoes. Sam Chambers. *Splash 247.com.* 8 August 2019. Available from: <https://splash247.com/liners-rally-to-impose-fines-on-misdeclared-cargoes/> Other container lines are taking action similar to Hapag-Lloyd's decision to impose fines on shippers who have failed to declare hazardous cargoes in their containers.

Evergreen levies \$35,000 per container fine for misdeclared hazardous cargo. Sam Chambers. *Splash 247.com.* 12 August 2019. Available from: <https://splash247.com/evergreen-levies-35000-per-container-fine-for-misdeclared-hazardous-cargo/> News of carrier fines for misdeclaration of cargoes continues to filter in with Taiwan's Evergreen issuing the highest penalties seen by Splash to date.

USCG says MARPOL deficiencies found on bilge alarm systems. *International Institute of Marine Surveying (IIMS)*. 14 August 2019. Available from: <https://www.iims.org.uk/uscg-says-marpol-deficiencies-found-on-bilge-alarm-systems/> During an inspection by the Marine Safety Detachment Port Canaveral Port State Control Officers, there were MARPOL deficiencies identified related to the 15-ppm Bilge Alarm system of the Oily Water Separators onboard four separate ships.

Shell's Grahaeme Henderson: safety for world's tanker fleet must improve. Craig Jallal. *Tanker Shipping & Trade*. 14 August 2019. Available from: <https://bit.ly/2lXkcHn> The world is impacted by shipping in so many ways, but the general population is barely aware of its existence.

Time to 'name and shame' rogue DG shippers. Will Waters. *Lloyd's Loading List*. 21 August 2019. Available from: <https://bit.ly/2k7xKjc> Moves by carriers to fine cargo owners that mis-declare hazardous goods are unlikely to change the behaviour of the criminally minded, with other measures needed, argues Drewry.

Enclosed space entry an interview with Capt. Kuba Szymanski – InterManager. *Hellenic Shipping News*. 21 August 2019. Available from: <https://www.hellenicshippingnews.com/enclosed-space-entry-an-interview-with-capt-kuba-szymanski-intermanager/> In May 2019, InterManager, the international trade association for the ship management sector, released the report from its 3-month Enclosed Space Entry survey, data for which was received from almost 250 ships, representing more than 5,000 seafarers.

Personal protective equipment most critical to safety of seafarers. *Science Daily*. 26 August 2019. Available from: <https://www.sciencedaily.com/releases/2019/08/190826112702.htm> New research investigates the causes of seafaring injuries and accidents and finds that injury reduction campaigns focused on personal protective equipment (PPE) would be most effective at reducing risks to workers.

Sea safety team to hire more investigators. Zhaki Abdullah. *Straits Times*. 26 August 2019. Available from: <https://www.straitstimes.com/singapore/transport/sea-safety-team-to-hire-more-investigators> A small team charged with improving safety in the maritime sector wants to boost its headcount.

Study looks at the impacts of commercial pressures on shipboard safety. *gCaptain*. 27 August 2019. Available from: <https://gcaptain.com/study-looks-at-the-impacts-of-commercial-pressures-on-shipboard-safety/> The International Organization of Masters, Mates & Pilots (MM&P) has published a study highlighting the complex issue responsibility for shipboard safety and the implications from commercial pressures that exist in shipping.

Spotlight on safety: why accidents are often not accidental. *International Organization of Masters, Mates & Pilots (MM&P)*. July 2019. Available from: <https://bridgedeck.org/actionnetwork/Spotlight-MMP-WMRC-Final071619.pdf> This Paper is background information to the Poster Presentation at the World Maritime Rescue Congress, Vancouver, British Columbia, Canada, June 2019.

MARITIME SECURITY

Sacrificing Safety for Security in the Gulf. Adina Fenton. *Windward Ltd.* 23 July 2019.

Available from: <https://wnwd.com/sacrificing-safety-for-security-in-the-gulf/> Iran nabbing tankers in the Gulf. Vessels changing flags to avoid being targeted. Western powers deploying warships to protect them.

US Coast Guard continuing to boost Guyana's maritime security capacity. Denis Chabrol. *Demerara Waves (Guyana)*. 29 July 2019. Available from:

<https://demerarawaves.com/2019/07/29/us-coast-guard-continuing-to-boost-guyanas-maritime-security-capacity/> The Guyana's Maritime Administration Department (MARAD) is benefiting from the expertise of the United States Coast Guard (USCG) for a capacity building workshop on Port Safety Management.

BP has no plans to take its tankers through Hormuz. Ron Bousso. *Reuters*. 30 July 2019.

Available from: <https://www.reuters.com/article/us-bp-iran/bp-has-no-plans-to-take-its-tankers-through-hormuz-idUSKCN1UP0MV> BP (BP.L) has not taken any of its oil tankers through the Strait of Hormuz since a July 10 attempt by Iran to seize one of its vessels, the British company's Chief Financial Officer Brian Gilvary said on Tuesday.

Royal Marines used brute force, says tanker captain. Tom Bateman. *BBC News*. 30 July 2019.

Available from: <https://www.bbc.co.uk/news/uk-49162256> The captain of a tanker seized while carrying Iranian oil has said Royal Marines used "brute force" in detaining his ship.

New UK ferry route contracts imminent for no-deal Brexit supply security. Ida Gaunø

Scheel-Bech. *ShippingWatch*. 30 July 2019. Available from: <https://shippingwatch.com/secure/carriers/article11524034.ece> Medicines and food must flow into Britain regardless of a deal or no-deal outcome, and the country's government is thus planning to enter new ferry route contracts between the UK and the EU, reports Danish business daily Børsen.

Limited protection from swapping UK flag in the Strait of Hormuz. Mark Johnson. *TradeWinds*.

31 July 2019. Available from: <https://www.tradewindsnews.com/law/limited-protection-from-swapping-uk-flag-in-the-strait-of-hormuz/2-1-645487> From my time as a Royal Navy officer navigating the busy shipping lanes of the Strait of Hormuz, I recognise the challenges of operating in this chokepoint.

Shell not taking British-flagged tankers through Hormuz. Ron Bousso. *Reuters*. 1 August 2019.

Available from: <https://www.reuters.com/article/us-shell-iran/shell-not-taking-british-flagged-tankers-through-hormuz-idUSKCN1UR4A0> Royal Dutch Shell is not taking any British-flagged tankers through the Strait of Hormuz amid heightened tensions with Iran in the vital chokepoint for oil shipments.

Joint ICS-ECSA-ASA Statement on Current Situation in the Strait of Hormuz.

European Community Shipowners' Associations (ECSA). 1 August 2019. Available from:

<https://www.ecsa.eu/press-releases/joint-ics-ecsa-asa-statement-current-situation-strait-hormuz> Following the seizure of the oil tanker 'Stena Impero' on 19 July, the International Chamber of Shipping (ICS), the European Community Shipowners' Associations (ECSA) and the Asian Shipowners' Association (ASA) jointly urge immediate action by the international community to stop the escalation of tensions and fully respect international law.

Iran Owns the Persian Gulf Now. Steven A. Cook. *Foreign Policy*. 1 August 2019. Available from: <https://foreignpolicy.com/2019/08/01/iran-owns-the-persian-gulf-now/> It has long been an accepted fact within the U.S. foreign-policy community that if any country blocked or interfered with shipping in the Strait of Hormuz, the United States and its allies would use the awesome force at their disposal to defend freedom of navigation.

Swedish Club doubles premium for vessels in the Persian Gulf. Simon Valeur. *ShippingWatch*. 2 August 2019. Available from: <https://shippingwatch.com/secure/carriers/Tanker/article11528921.ece> The ongoing conflict in the Strait of Hormuz has made The Swedish Club double its premium for sailing and docking in the area near the Persian Gulf.

Increased tension in the Persian Gulf Area. *Swedish Club*. 29 July 2019. Available from: <https://www.swedishclub.com/news/member-alert/increased-tension-in-the-persian-gulf-area> As a result of the increased tension in the Persian Gulf Area, the War insurance market has reacted with increased rates for War Insurance cover for transits and port calls in the area.

The Time is Now to Invest in Your Vessel's Protection. *Maritime Executive*. 4 August 2019. Available from: <https://www.maritime-executive.com/features/the-time-is-now-to-invest-in-your-vessel-s-protection-1> Opening the maritime news has become a nervous daily habit for ship managers/owners.

UK to join US-led taskforce in Gulf to protect merchant ships. *BBC News*. 5 August 2019. Available from: <https://www.bbc.co.uk/news/uk-49240867> The move comes amid growing tensions between the two western powers and Iran over the shipping route in the Strait of Hormuz.

UK joins international maritime security mission in the Gulf. *UK Government*. 5 August 2019. Available from: <https://www.gov.uk/government/news/uk-joins-international-maritime-security-mission-in-the-gulf> The United Kingdom has reaffirmed its commitment to freedom of navigation and safe passage through the Gulf by playing a leading role in a new international maritime security mission, announced today.

Pompeo says S. Korea has stake in protecting Strait of Hormuz. Lee Haye-ah. *Yonhap News Agency (South Korea)*. 5 August 2019. Available from: <https://en.yna.co.kr/view/AEN20190805008100325> U.S. Secretary of State Mike Pompeo has said South Korea, along with other countries, has a stake in securing shipping lanes off the coast of Iran.

Greater collaboration in maritime security and trade, key to Africa determining its destiny. Eric Ichikowitz. *The Nation (Nigeria)*. 5 August 2019. Available from: <https://thenationonlineng.net/greater-collaboration-in-maritime-security-and-trade-key-to-africa-determining-its-destiny/> Despite the seismic shocks of globalisation which offer both opportunities and threats to the global marketplace, African challenges have always required African solutions.

EU security head visits Vietnam, next step for multifaceted approach to enhancement. *Hanoi Times (Vietnam)*. 6 August 2019. Available from: <http://www.hanoitimes.vn/news/2019/08/81E0DA48/eu-security-head-visits-vietnam-next-step-for-multifaceted-approach-to-enhanceme/> High Representative for the EU's Foreign and Security Policy and Vice President of the European Commission Federica Mogherini on August 3 started a three-day visit to Vietnam, marking the highest ranking European leader to Vietnam since 2014.

China might escort ships in Gulf under U.S. proposal - envoy. Alexander Cornwell. *Reuters*. 6 August 2019. Available from: <https://uk.reuters.com/article/uk-mideast-iran-tanker-china/china-might-escort-ships-in-gulf-under-u-s-proposal-envoy-idUKKCN1UW1DW> China might escort Chinese commercial vessels in Gulf waters under a U.S. proposal for a maritime coalition to secure oil shipping lanes following attacks on tankers, its envoy to the United Arab Emirates said Tuesday.

Iran, France Urge Maritime Security in Region. *Iran Front Page*. 6 August 2019. Available from: <https://ifpnews.com/exclusive/iran-france-urge-maritime-security-in-region/> In a telephone conversation on Tuesday evening, Iranian President Hassan Rouhani and his French counterpart Emmanuel Macron discussed a range of issues, from the 2015 nuclear deal to the collective efforts for de-escalation of regional tensions.

Israel involved in US-led naval mission in Strait of Hormuz — foreign minister. *Times of Israel*. 6 August 2019. Available from: <https://www.timesofisrael.com/israel-involved-in-us-led-naval-mission-in-strait-of-hormuz-foreign-minister/> Foreign Minister Israel Katz said Tuesday that Israel was involved in a US-led naval mission to provide maritime security in the Strait of Hormuz, where Iran recently seized merchant ships.

Saudi Arabia and US to counter maritime threats in Arabian Gulf. *Arab News (Saudi Arabia)*. 7 August 2019. Available from: <http://www.arabnews.com/node/1536591/saudi-arabia> Saudi Energy Minister Khalid Al-Falih said he discussed Tuesday with his American counterpart Rick Perry threats to maritime freedom in the Arabian Gulf.

Maritime Security: NIMASA, PFSO go for community policing. Godwin Oritse. *Vanguard (Nigeria)*. 7 August 2019. Available from: <https://www.vanguardngr.com/2019/08/maritime-security-nimasa-pfso-go-for-community-policing/> Speaking at the monthly meeting of the PFSO in Lagos, an official of the International Ships and Ports Facility Security, ISPS, Code Unit in NIMASA, Mr Obene Ikiabo, said that perpetrators of this crime are within the community.

Pentagon chief Mark Esper urges Japan to help protect shipping in Persian Gulf. *Japan Times*. 7 August 2019. Available from: <https://www.japantimes.co.jp/news/2019/08/07/national/pentagon-chief-mark-esper-urges-japan-help-protect-shipping-persian-gulf> U.S. Defense Secretary Mark Esper has urged Japan to consider taking part in a coalition to protect shipping in the Strait of Hormuz.

Saudi Arabia, US concerned over threat to maritime traffic. *Saudi Gazette*. 7 August 2019. Available from: <http://www.saudigazette.com.sa/article/574202/SAUDI-ARABIA/Saudi-Arabia-US-concerned-over-threat-to-maritime-traffic> Saudi Arabia's Minister of Energy Khalid Al-Falih and US Energy Secretary Rick Perry discussed freedom of maritime traffic and security of global energy supplies, Al-Falih tweeted on Tuesday.

Saudi crown prince, Pompeo discuss maritime security, Iran. *Arab News (Saudi Arabia)*. 8 August 2019. Available from: <http://www.arabnews.com/node/1537186/saudi-arabia> US Secretary of State Mike Pompeo discussed maritime security, Iran and Yemen with Saudi Arabia's Crown Prince Mohammed bin Salman in a phone call on Wednesday.

US warns merchant shipping of Iranian GPS spoofing threat. Sam Chambers. *Splash 247.com*. 8 August 2019. Available from: <https://splash247.com/us-warns-merchant-shipping-of-iranian-gps-spoofing-threat/> The US Department of Transportation's Maritime Administration issued a warning yesterday suggesting Iran is engaged in interfering with ships' GPS systems as they transit near the Middle Eastern nation.

2019-012-Persian Gulf, Strait of Hormuz, Gulf of Oman, Arabian Sea, Red Sea-Threats to Commercial Vessels by Iran. *US Maritime Administration (MARAD)*. 8 August 2019.

Available from: <https://www.maritime.dot.gov/content/2019-012-persian-gulf-strait-hormuz-gulf-oman-arabian-sea-red-sea-threats-commercial-vessels> Heightened military activity and increased political tensions in this region continue to pose serious threats to commercial vessels.

Maritime security firms pull UK guards from ships bound for the Gulf. Sam Chambers.

Splash 247.com. 9 August 2019. Available from: <https://splash247.com/maritime-security-firms-pull-uk-guards-from-ships-bound-for-the-gulf/> The Financial Times is reporting that maritime security firms are pulling British guards off transits through the Gulf over fears they could be targeted for capture by the Iranians.

Sky Views: Keep an eye on France amid heightened threat for ships in the Gulf.

Deborah Haynes. *Sky News*. 11 August 2019. Available from: <https://news.sky.com/story/sky-views-france-could-be-the-answer-for-a-maritime-security-force-in-the-gulf-11782526> Floating tumbleweed is what might spring to mind when looking at the response to Britain's call for a European-led maritime force to protect ships in the Gulf from Iranian attack.

HMS Kent and HMS Defender deploy on operations. *Royal Navy*. 12 August 2019.

Available from: <https://www.royalnavy.mod.uk/news-and-latest-activity/news/2019/august/12/190812-hms-kent-and-hms-defender-deploy-on-operations> Type 23 frigate *HMS Kent* will relieve *HMS Duncan* of her duties in the Gulf and is scheduled to work alongside US partners as part of the newly-formed International Maritime Security Construct.

Maritime industry must open up about cyber crime. Georgie Furness-Smith. *Lloyd's List*.

12 August 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1128745/Maritime-industry-must-open-up-about-cyber-crime> While it may be easy for shipmanagers to bury their heads in the sand regarding the likelihood of a cyber attack, they should approach cyber security as an integral part of overall safety management.

IBF Agrees a Temporary Extended Risk Zone in the Strait of Hormuz. *International Transport Workers' Federation (ITF)*. 13 August 2019. Available from:

<https://www.itfglobal.org/en/news/ibf-agrees-temporary-extended-risk-zone-strait-hormuz> Following the incidents in the Gulf of Oman, and specifically the Strait of Hormuz, over the past 12 weeks, the International Bargaining Forum (IBF) this morning designated the Straits as a Temporary Extended Risk Zone.

New batch of S. Korean troops departs for Somali waters amid speculation over Hormuz Strait mission. *Yonhap News Agency (South Korea)*. 13 August 2019. Available from:

<https://en.yna.co.kr/view/AEN20190813002252325?section=search> South Korea dispatched a fresh batch of troops to the Gulf of Aden for anti-piracy efforts Tuesday, the Navy said, amid speculation the contingent could also undertake missions in the Strait of Hormuz as part of a U.S.-led coalition.

Maritime Security Forces monitor sea transportation services. Kelly Vacala. *Fiji Broadcasting Corporation (FBC)*. 13 August 2019. Available from:

<https://www.fbcnews.com.fj/news/maritime-security-forces-monitor-sea-transportation-services/> The increase in sea transportation services is benefiting Fijians on one hand but on the other, it is being exploited and used for crime and the illegal drug trade.

Seychelles advocates for urgent Maritime Security action to secure the Indian Ocean.

Government of Seychelles. 18 August 2019. Available from:

<http://www.statehouse.gov.sc/news/4565/seychelles-advocates-for-urgent-maritime-security-action-to-secure-the-indian-ocean> Attending the 39th Ordinary SADC Summit, President Danny Faure

raised the attention of member states on challenges being faced by countries in the Western part of the Indian Ocean during his intervention on maritime security.

IRGC says Iran capable of maintaining Persian Gulf security. *Islamic Republic News*

Agency - IRNA (Iran). 18 August 2019. Available from: <https://en.irna.ir/news/83442077/IRGC-says-Iran-capable-of-maintaining-Persian-Gulf-security> The commander of the Islamic Revolution Guard Corps (IRGC) Navy said on Sunday that the military force is capable of safeguarding security and stability in the Persian Gulf and the Sea of Oman.

Bahrain to join US-led naval coalition in the Persian Gulf. Joshua Karsten. *Stars and Stripes*.

19 August 2019. Available from: <https://www.stripes.com/news/middle-east/bahrain-to-join-us-led-naval-coalition-in-the-persian-gulf-1.594924> Bahrain has agreed to join a U.S.-led coalition for maritime security in the Persian Gulf, making it the third member of a group proposed in the wake of heightened tensions with Iran.

Indian Ocean rim countries strengthen ring of security in their seas; IOMOU – Cape Town.

South African Maritime Safety Authority (SAMSA). 20 August 2019. Available from:

<https://blog.samsa.org.za/2019/08/20/indian-ocean-rim-countries-strengthen-ring-of-security-in-their-seas-iomou-cape-town/> Indian Ocean rim countries, among them being South Africa, are

maintaining their resolve to collaborate even closer in strengthening oceans safety and security in the areas of their jurisdiction, it emerged in Cape Town on Monday.

Israeli, US special forces practice ship takeovers amid high tensions in Gulf. Judah Ari Gross.

Times of Israel. 20 August 2019. Available from: <https://www.timesofisrael.com/israeli-us-special-forces-practice-ship-takeovers-amid-high-tensions-in-gulf/> IDF says last week's Noble Rose exercise not held in direct response to recent incidents around Strait of Hormuz.

Australia to send warship and Defence Force personnel to Middle East to support US.

ABC (Australia). 21 August 2019. Available from: <https://www.abc.net.au/news/2019-08-21/scott-morrison-australia-to-join-us-uk-strait-of-hormuz/11434140> Australia will send a warship, surveillance aircraft and Defence Force personnel to the Persian Gulf to join an international effort to combat Iran's actions in the Strait of Hormuz.

Australia Joins International Maritime Security Construct in the Gulf. *Government of Australia*.

21 August 2019. Available from: <https://www.pm.gov.au/media/australia-joins-international-maritime-security-construct-gulf> The Morrison Government is reaffirming its commitment to freedom of navigation and safe passage through the Gulf by announcing it will support an international maritime security mission.

Iran says top waterways won't be as safe if its oil exports cut to zero. Babak Dehghanpisheh.

Reuters. 21 August 2019. Available from: <https://reut.rs/2lVi038> If Iran's oil exports are cut to zero, international waterways will not have the same security as before, its president said on Wednesday, cautioning Washington against raising pressure on Tehran in an angry confrontation between the longtime foes.

Four armed robberies reported in Asia. *Maritime Executive*. 21 August 2019. Available from:

<https://maritime-executive.com/article/four-armed-robberies-reported-in-asia> Four incidents of armed robbery against ship were reported to the ReCAAP ISC during August 13-19.

Maritime industry targeted by cyber criminals. *Gard*. 22 August 2019. Available from:

<http://www.gard.no/web/updates/content/28203953/maritime-industry-targeted-by-cyber-criminals>

An assessment by Norwegian authorities finds that its maritime and oil and gas sectors have recently been victims of cyber campaigns specifically targeting companies in the US, Europe and the Middle East and advise companies to be prepared for continuous activity in the short to medium term.

HMS Defender to join efforts to support safe passage of Gulf shipping. *Royal Navy*.

24 August 2019. Available from: <https://www.royalnavy.mod.uk/news-and-latest-activity/news/2019/august/24/190824-defender-joints-gulf-mission> Type 45 destroyer HMS

Defender will join the Royal Navy's efforts to support the safe passage of shipping in the Middle East.

Tanker wars: is shipping safe in the Persian Gulf? Julian Turner. *Ship-technology.com*.

26 August 2019. Available from: <https://www.ship-technology.com/features/tanker-crisis/> A series of attacks on oil tankers in the Persian Gulf has ratcheted up political tensions between the US and Iran, as well as the cost of 'war risk premiums' paid to insurers every time vessels pass through this vital region.

Norway warns shipping is being targeted by hackers. Sam Chambers. *Splash 247.com*.

27 August 2019. Available from: <https://splash247.com/norway-warns-shipping-is-being-targeted-by-hackers/> The Norwegian National Security Authority (NSM) has warned of an increase in the number of cyber campaigns targeting several different sectors since June this year and states that both the maritime sector and the oil and gas sector have been victims of such targeted attacks.

EU Plans "Pilot Case" Maritime Security Mission for Gulf of Guinea. *Maritime Executive*.

29 August 2019. Available from: <https://maritime-executive.com/article/eu-plans-pilot-case-maritime-security-mission-for-gulf-of-guinea> In response to the recent security challenges in the Strait of Hormuz and Gulf of Oman, EU nations have discussed the possibility of a naval "observer" mission to monitor developments in the region.

UK calls for broad support to tackle Gulf shipping threats. David Milliken. *Reuters*.

30 August 2019. Available from: <https://uk.reuters.com/article/uk-mideast-iran-britain/uk-calls-for-broad-support-to-tackle-gulf-shipping-threats-idUKKCN1VJ2UE> Foreign Minister Dominic Raab will call for more international support to protect shipping in the Strait of Hormuz when he meets his French and German counterparts later on Friday for talks about Iran.

MIGRANTS

After deadly shipwreck, Pope Francis appeals for safety of migrants. Courtney Grogan.

Catholic Herald. 29 July 2019. Available from: <https://catholicherald.co.uk/news/2019/07/29/after-deadly-shipwreck-pope-francis-appeals-for-safety-of-migrants/> As up to 150 migrants are feared to have drowned in a shipwreck off the coast of Libya, Pope Francis made an appeal to the international community Sunday to act decisively to ensure the safety and dignity of migrants.

Migrants on Italian coastguard vessel Gregoretti to disembark following EU deal.

Deutsche Welle (Germany). 31 July 2019. Available from: <https://www.dw.com/en/migrants-on-italian-coastguard-vessel-gregoretti-to-disembark-following-eu-deal/a-49828369> 🇩🇪 Migrants on an Italian coast guard ship will be allowed to disembark after some EU states agreed to accept them.

Rome strikes deal with five EU nations over stranded migrants. Natalie Huet and Evelyn Laverick. *Euronews*. 1 August 2019. Available from: <https://www.euronews.com/2019/07/31/italy-will-let-116-migrants-disembark-after-five-of-the-eu-countries-agree-to-take-them-in> Italy said on Wednesday it would allow an Italian coastguard ship to finally disembark 116 migrants who were stranded for days in a Sicilian port, ending its latest standoff with the European Union over migration policy.

“We accepted Alan Kurdi migrants as a gesture of good will” – Prime Minister. Joseph Muscat. *Times of Malta*. 5 August 2019. Available from: <https://timesofmalta.com/articles/view/we-accepted-alan-kurdi-migrants-as-a-gesture-of-good-will-prime.726922> Allowing the German NGO vessel *Alan Kurdi* to disembark 40 migrants at Malta was “a sign of goodwill” and “common sense”, Prime Minister Joseph Muscat said on Sunday.

Mediterranean Migrant Arrivals Reach 39,289 in 2019; Deaths Reach 840. *International Organization for Migration (IOM)*. 6 August 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-39289-2019-deaths-reach-840> The International Organization for Migration (IOM) reports that 39,289 migrants and refugees have entered Europe by sea through 4 August, roughly a 34 per cent decrease from the 59,271 arriving during the same period last year.

UNHCR urges Europe to allow 507 rescued passengers to disembark. *United Nations High Commissioner for Refugees*. 13 August 2019. Available from: <https://www.unhcr.org/uk/news/press/2019/8/5d52856b4/unhcr-urges-europe-allow-507-rescued-passengers-disembark.html> UNHCR is today calling on European governments to allow the immediate disembarkation of 507 people recently rescued on the Central Mediterranean who remain stranded at sea.

Rome court says migrant ship can enter Italy’s waters, overriding Salvini. Crispian Balmer and Catherine MacDonald. *Reuters*. 14 August 2019. Available from: <http://news.trust.org/item/20190814151109-lvsra> An administrative court in Rome ruled on Wednesday that a Spanish rescue ship carrying around 150 migrants should be allowed to enter Italian territorial waters in defiance of a ban imposed by Interior Minister Matteo Salvini.

Italy says six EU states will take in Open Arms migrants. Gavin Jones and Ingrid Melander. *Reuters*. 15 August 2019. Available from: <https://uk.reuters.com/article/uk-europe-migrants/spain-to-take-some-open-arms-migrants-seeks-eu-deal-idUKKCN1V50RT> Italian Prime Minister Giuseppe Conte said on Thursday that six EU countries had agreed to take in some 150 migrants from a rescue ship that Italy had blocked from docking, resolving the latest standoff over immigration to Europe across the Mediterranean.

Italian PM says six EU countries have offered to take the stranded Open Arms migrants. John Paul Ging. *Euronews*. 15 August 2019. Available from: <https://www.euronews.com/2019/08/15/open-arms-rescue-ship-needs-emergency-medical-evacuation-says-head-of-mission> Italian Prime Minister Giuseppe Conte has announced a deal has been made to send all the migrants on board Spanish NGO rescue ship *Open Arms* to six European countries; France, Germany, Romania, Portugal, Spain and Luxembourg.

‘Explosive’ situation aboard *Open Arms* migrant rescue ship blocked from Italian port. *France 24*. 17 August 2019. Available from: <https://www.france24.com/en/20190817-italy-migrant-rescue-ship-open-arms-lampedusa-salvini-un-mediterranean> The captain of a Spanish charity ship carrying 134 rescued migrants warned Friday of an “explosive” situation on board the vessel anchored within swimming distance of Italy’s Lampedusa island but forbidden to approach.

Rescue ship stuck off Italy rejects Spain port offer due to ‘extreme humanitarian emergency’. *France 24*. 18 August 2019. Available from: <https://www.france24.com/en/20190818-open-arms-migrants-italy-salvini-spain-humanitarian-emergency-rescue-ship> The *Open Arms* rescue ship carrying more than 100 migrants on Sunday rejected an offer from Spain to dock in Algeciras, a six days’ journey away, citing an “extreme” emergency on board.

Open Arms migrant boat: Salvini concession as children leave stranded vessel. Angela Barnes. *Euronews*. 18 August 2019. Available from: <https://www.euronews.com/2019/08/17/open-arms-migrant-boat-salvini-concession-as-children-allowed-to-leave-stranded-vessel> Italy’s Interior Minister Matteo Salvini made a partial concession to let 27 children stranded on board NGO migrant rescue ship *Open Arms* leave the vessel.

Spain to allow Open Arms migrants to disembark in Mallorca. Angela Barnes. *Euronews*. 20 August 2019. Available from: <https://www.euronews.com/2019/08/18/open-arms-migrant-rescue-boat-rejects-spanish-offer-of-safe-haven> The *Open Arms* rescue boat with migrants on board said Monday that they understood the Spanish government will allow them to disembark in Mallorca, as it is the nearest Spanish port to where they are located.

Channel migrants: Children among 64 people to arrive by boat. *BBC News*. 22 August 2019. Available from: <https://www.bbc.co.uk/news/uk-england-sussex-49441135> Five vessels were intercepted by Border Force off the coast of Kent, with a sixth landing on a beach in Sussex.

Scores dead off coast of Libya in latest Mediterranean shipwreck. *United Nations High Commissioner for Refugees*. 27 August 2019. Available from: <https://www.unhcr.org/uk/news/press/2019/8/5d6565ac4> At least 40 people are estimated to have drowned off the coast of Libya in the latest boat disaster on the Mediterranean.

NAVIGATION & COMMUNICATIONS

International shipping industry under increased scrutiny as whale death toll climbs. Michael McDonald. *Globe and Mail (Canada)*. 29 July 2019. Available from: <https://www.theglobeandmail.com/canada/article-international-shipping-industry-under-increased-scrutiny-as-whale/> The shipping industry is under increased scrutiny after two cargo ships were fined for sailing too fast through the Gulf of St. Lawrence, where the rising death toll among endangered North Atlantic right whales has been partly blamed on collisions with vessels.

U.S. wants ships to keep their tracking devices on -senior official. Lesley Wroughton. *Reuters*. 29 July 2019. Available from: <https://www.reuters.com/article/mideast-iran-tankers-tracking/us-wants-ships-to-keep-their-tracking-devices-on-senior-official-idUSL2N24T089> The United States wants all ships to keep their tracking transponders on to cut down on illicit activity and smuggling, and to increase transparency with movements of ships around the world, a senior State Department official told Reuters.

Indonesia, Vietnam to expedite completion of EEZ delimitation. *Antara News (Indonesia)*. 31 July 2019. Available from: <https://en.antaranews.com/news/130168/indonesia-vietnam-to-expedite-completion-of-eez-delimitation> Indonesian Foreign Minister Retno L. P. Marsudi held a bilateral meeting with Vietnam Foreign Minister/Deputy Prime Minister Pham Binh Minh on margins of the ASEAN Ministerial Meeting and ASEAN Post-Ministerial Conference, Bangkok, Thailand, July 30.

Ships to sail down great Siberian river, deliver grain to Japan via Arctic route. Atle Staalesen. *Independent Barents Observer (Norway)*. 31 July 2019. Available from: <https://thebarentsobserver.com/en/arctic/2019/07/ships-sail-down-great-siberian-river-deliver-shipments-grain-japan-arctic-route> The region of Omsk in 2018 produced a total of 1,9 million tons of grain, of which 30 percent was exported to a value of \$49 million.

Indonesian 2020 cabotage waiver could create unfair competition and legal risk. Hwee Hwee Tan. *Lloyd's List*. 1 August 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1128620/Indonesian-2020-cabotage-waiver-could-create-unfair-competition-and-legal-risk> The cabinet of re-elected president Joko Widodo may set out to deliver on a directive issued last October to waive cabotage play ships from complying with the global sulphur cap.

The Panama Canal Implements Speed Limits to Protect Whales. *Panama Canal Authority*. 2 August 2019. Available from: <https://www.panacanal.com/eng/pr/press-releases/2019/08/02/pr677.html> Starting August 1 and until November 30, 2019, the Panama Canal will promote the implementation of the International Maritime Organization's (IMO) annual recommendations on speed and maritime transit aimed at protecting cetaceans, which include whales, dolphins and other large aquatic mammals, during their nearby seasonal migration.

Government of Canada adjusts measures to protect the North Atlantic right whales. *Government of Canada*. 2 August 2019. Available from: <https://bit.ly/2m2nLfl> The Government of Canada is seized with helping the critically endangered North Atlantic right whale, and continues to maintain the enhanced measures it has implemented to protect this iconic species.

Saildrone Completes First Unmanned Circumnavigation of Antarctica. *Maritime Executive*. 5 August 2019. Available from: <https://www.maritime-executive.com/article/saildrone-completes-first-unmanned-circumnavigation-of-antarctica> A seven-meter (23-foot) long, wind-powered unmanned surface vehicle called a Saildrone has become the first unmanned system to circumnavigate Antarctica.

Report to Congress on Changes in the Arctic. *US Naval Institute News*. 7 August 2019. Available from: <https://news.usni.org/2019/08/07/report-to-congress-on-changes-in-the-arctic> The diminishment of Arctic sea ice has led to increased human activities in the Arctic, and has heightened interest in, and concerns about, the region's future.

Grace 1 Signals New Destination Then Reverts. *Maritime Executive*. 12 August 2019. Available from: <https://www.maritime-executive.com/article/grace-1-signals-new-destination-then-reverts> Maritime security company Dryad Global reports that the detained VLCC *Grace 1* signalled a new destination of Morocco at 1340 UTC on August 12, and then at 1352 UTC she removed the update and reverted the entry back to its original.

Transport Canada fines vessels for breaking speed limit in Gulf of St. Lawrence. *Government of Canada*. 12 August 2019. Available from: <https://bit.ly/2k7WlyY> Endangered whales such as the North Atlantic right whale deserve to live in a safe environment in Canadian waters.

Polar cruise boom harming the Arctic, explorer warns. Kate Connolly. *The Guardian*. 13 August 2019. Available from: <https://www.theguardian.com/world/2019/aug/13/polar-cruise-increase-harming-the-arctic-explorer-arved-fuchs-warns> One of the world's leading polar explorers has warned against the explosive growth in cruise ship tourism in the Arctic, calling it damaging to both the local environment and its inhabitants.

Coast Guard ships among 6 vessels fined for speeding after 8 right whale deaths.

Jesse Ferreras. *Global News (Canada)*. 13 August 2019. Available from:

<https://globalnews.ca/news/5758086/coast-guard-ships-fined-speeding-right-whales/> Transport Canada has fined six vessels — including two Canadian Coast Guard ships — for speeding through waters that had been subject to a temporary slowdown after eight North Atlantic right whales were reported dead in the Gulf of St. Lawrence since early June.

GPS Jamming and Spoofing Reported at Port of Shanghai.

Dana Goward. *Maritime Executive*. 14 August 2019. Available from: <https://www.maritime-executive.com/editorials/gps-jamming-and-spoofing-at-port-of-shanghai> Reports have been filtering through the maritime community over the last month about strange AIS and GPS readings at the Port of Shanghai.

USCG Investigates Close Approach Between LNG Carrier and Ferry.

Maritime Executive. 15 August 2019. Available from: <https://www.maritime-executive.com/article/uscg-investigates-close-approach-between-lng-carrier-and-ferry> The U.S. Coast Guard is investigating a near-miss incident at Port Aransas, Texas in which an LNG carrier passed close to a loaded ferry, causing the ferry's crew to evacuate passengers.

When EEDI conflicts with rough weather requirements.

Kalyan Makam. *Marine Propulsion & Auxiliary Machinery*. 16 August 2019. Available from: <https://www.rivieramm.com/news-content-hub/when-eedi-conflicts-with-rough-weather-requirements-55960> Speed reduction is a popular method of reducing fuel consumption, but engines may need reserve power for safe navigation in choppy seas.

China-owned oil tanker changes name in apparent effort to evade U.S. sanctions.

Roslan Khasawneh and A. Ananthalakshmi. *Reuters*. 16 August 2019. Available from: <https://www.reuters.com/article/us-shipping-oil-sanctions-malaysia-exclu-idUSKCN1V6012> While in the Indian Ocean heading toward the Strait of Malacca, the very large crude carrier (VLCC) *Pacific Bravo* went dark on June 5, shutting off the transponder that signals its position and direction to other ships, ship-tracking data showed.

Mandatory requirement for AIS in Indonesian waters.

Hellenic Shipping News. 20 August 2019. Available from: <https://www.hellenicshippingnews.com/mandatory-requirement-for-ais-in-indonesian-waters/> The Club would like to highlight to Members that with effect from 20 August 2019, under Regulation PM No. 7 of 2019, the Ministry of Transportation of The Republic of Indonesia has made it mandatory for vessels sailing in Indonesian waters to install and activate an Automatic Identification System (AIS).

Slowing down ships brings benefits to the climate, whales and the marine ecosystem.

International Fund for Animal Welfare (IFAW). 20 August 2019. Available from: <https://www.ifaw.org/eu/news/slowing-down-ships-brings-benefits-to-the-climate-whales-and-the-marine-ecosystem> The findings of a recently published study found that a moderate reduction in the speed of all merchant ships could have a sizable impact in reducing the risk of ships striking whales and underwater noise while also reducing greenhouse gas (GHG) emissions.

Shipowners and pilots call for improved mobile communications services for Germany's coastline.

German Shipowners' Association. 20 August 2019. Available from: <https://www.reederverband.de/en/press/press-release/artikel/shipowners-and-pilots-call-for-improved-mobile-communications-services-for-germanys-coastline.html> Against the backdrop of the extension of mobile communications networks planned in Germany, the German Shipowners' Association and the German Federal Chamber of Pilots issued a joint communiqué calling for urgent improvement of mobile network coverage in German coastal waters.

Iran tanker row: Greece closes out ship after US warnings. *BBC News*. 21 August 2019. Available from: <https://www.bbc.co.uk/news/world-middle-east-49419375> Greece has refused to help the Iranian tanker recently detained in Gibraltar on suspicion of shipping oil to Syria.

BC Ferries installs underwater thermal imaging cameras to monitor threatened whales. *Canadian Broadcasting Corporation (CBC)*. 21 August 2019. Available from: <https://www.cbc.ca/news/canada/british-columbia/bc-ferries-installs-thermal-imaging-cameras-1.5255059> One of several cameras installed at Galiano Island's Sturdies Bay ferry terminal in June.

BC Ferries supports whale research at Galiano Island. *British Columbia Ferry Services*. 21 August 2019. Available from: <https://www.bcferrries.com/bcferrries/faces/attachments?id=1371364> Scientists are getting a better look at whales as they transit near Galiano Island thanks to thermal imaging cameras installed at BC Ferries' Sturdies Bay terminal on Galiano Island.

Navy raises alarm on shipwrecks in Lagos waters. *Ships & Ports*. 21 August 2019. Available from: <https://shipsandports.com.ng/navy-raises-alarm-on-shipwrecks-in-lagos-waters-2/> The Nigerian Navy on Tuesday in Lagos raised alarm over the impending dangers that shipwrecks posed on the Nigerian waters.

In the Santa Barbara Channel, an underwater sound system tries to keep whales and ships apart. Leila Miller. *Phys.org*. 21 August 2019. Available from: <https://phys.org/news/2019-08-santa-barbara-channel-underwater-whales.html> The taut rope that was lowering an underwater listening station to the ocean's floor collapsed on the tug boat's deck with a slap, signalling to the crew on board that their mission was complete.

Understanding the Strait of Hormuz: narrower than Bass Strait, carrying one fifth the world's oil. Jackson Gothe-Snape and Emma Machan. *ABC (Australia)*. 22 August 2019. Available from: <https://www.abc.net.au/news/2019-08-21/understanding-the-strait-of-hormuz/11435122> It links the Persian Gulf and its states such as Kuwait and Bahrain to the Indian Ocean.

ColReg, liability for collision between ships and autonomous navigation / ANALYSIS. *MediTelegraph (Italy)*. 22 August 2019. Available from: <http://www.themeditelegraph.com/en/markets/regulation/2019/08/22/colreg-liability-for-collision-between-ships-and-autonomous-navigation-ZhKFBG4ZcQ6DAq5BoPJAoL/index.html> Among the laws of maritime law that seem to hinder the advent of unmanned navigation in a more sensitive way, the International Rules for preventing collisions at sea (ColReg) have particular significance.

India, France plan satellite surveillance of ships. Madhumathi D.S. *The Hindu (India)*. 24 August 2019. Available from: <https://www.thehindu.com/news/national/india-france-plan-satellite-surveillance-of-ships/article29237308.ece> India and France have formalised the development and launch of what is probably a unique constellation of around 10 low-earth orbit satellites that will continuously provide maritime surveillance and security.

CMA CGM Shipping company backs away from Russia's Northern Sea Route. Malte Humpert. *High North News (Norway)*. 26 August 2019. Available from: <https://www.highnorthnews.com/en/cma-cgm-shipping-company-backs-away-russias-northern-sea-route> CMA CGM, the world's fourth largest container shipping company, announced it will not operate in the Arctic due to environmental concerns.

Statement by the Spokesperson on recent developments in the South China Sea.

European Union. 28 August 2019. Available from:

<https://eeas.europa.eu/headquarters/headquarters-homepage/66749> Unilateral actions during the past weeks in the South China Sea have resulted in mounting tensions and a deterioration of the maritime security environment which represents a serious threat to the peaceful economic development of the region.

Arctic shipwreck 'frozen in time' astounds archaeologists. Roff Smith. *National Geographic*.

28 August 2019. Available from: <https://www.nationalgeographic.com/culture/2019/08/arctic-shipwreck-frozen-astounds-archaeologists/> The wreck of *H.M.S. Terror*, one of the long lost ships from Sir John Franklin's 1845 expedition to find the Northwest Passage, is astonishingly well preserved, say Parks Canada archaeologists, who recently used small remotely-operated vehicles (ROVs) to peer deep inside the historic vessel's interior.

There is no ice left on Northern Sea Route. Atle Staalesen. *Independent Barents*

Observer (Norway). 28 August 2019. Available from:

<https://thebarentsobserver.com/en/arctic/2019/08/there-no-ice-left-russias-northern-sea-route> But the number of ships that set course for the Arctic route still remains low.

Why is China hiding its oil tankers from US trackers? Peter Beaumont. *The Guardian*.

29 August 2019. Available from: <https://www.theguardian.com/world/2019/aug/29/why-is-china-hiding-its-oil-tankers-from-us-trackers> Signs Beijing may be importing Iranian oil as Trump's two biggest foreign policy headaches converge.

Controversial Iranian VLCC enters Turkish waters. Sam Chambers. *Splash 247.com*.

29 August 2019. Available from: <https://splash247.com/controversial-iranian-vlcc-enters-turkish-waters/> The Iranian VLCC *Adrian Darya 1*, formerly known as *Grace 1*, entered Turkish territorial waters this morning and appears to be on course for the port of Mersin.

PIRACY

Pirates of the Caribbean, a Disney Fantasy or a Real Threat? Alejandro Guzmán Woodroffe.

Maritime Executive. 29 July 2019. Available from: <https://www.maritime-executive.com/blog/pirates-of-the-caribbean-a-disney-fantasy-or-a-real-threat> Contrary to the version portrayed by Disney in its franchise *Pirates of the Caribbean*, piracy does not take place in a universe full of adventures and adrenaline.

Gulf of Guinea must look east to solve its pirate problem. Peter Fabricius. *Institute for Security*

Studies (ISS). 1 August 2019. Available from: <https://issafrica.org/iss-today/gulf-of-guinea-must-look-east-to-solve-its-pirate-problem> A few years ago piracy off the east coast of Africa, focusing on Somalia, was a major crisis, attracting extensive international attention.

Asian Piracy: Chief Engineer Assaulted. *Maritime Executive*. 13 August 2019. Available from:

<https://www.maritime-executive.com/article/asian-piracy-chief-engineer-assaulted> ReCAAP ISC reports that three piracy incidents were reported in Asia between August 6 and 12.

Pirates kidnap 8 from German-owned cargo ship off Cameroon. Mike Schuler. *gCaptain*.

16 August 2019. Available from: <https://gcaptain.com/pirates-kidnap-8-from-german-owned-cargo-ship-off-cameroon> Pirates kidnapped eight crew members from a general cargo ship off the coast of Cameroon in West Africa.

Seventeen seafarers kidnapped in Gulf of Guinea attacks on two vessels. *Lloyd's List*.

19 August 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1128837/Seventeen-seafarers-kidnapped-in-Gulf-of-Guinea-attacks-on-two-vessels>

Nine Chinese and eight Ukrainian seafarers have been abducted from a multipurpose vessel and a bulker in two separate attacks carried out within hours of each other in the same area.

Cosmoship and MC-Schiffahrt express concern over Cameroon attacks. Nigel Lowry.

Lloyd's List. 19 August 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1128842> Greek owner's *Victory C* has been identified as the second vessel involved in last week's kidnappings that saw a total of 17 seafarers abducted.

PORT STATE CONTROL

Germany's largest ever cocaine shipment seized by customs. *Deutsche Welle (Germany)*.

2 August 2019. Available from: <https://www.dw.com/en/germanys-largest-ever-cocaine-shipment-seized-by-customs/a-49863090> Nearly €1 billion worth of cocaine has been seized in the German port city of Hamburg. More than 4,200 packages in 211 sports bags were discovered in a freight container that shippers claimed was full of soybeans.

Huge drug haul; Dubai Customs seize 274,000 Captagon pills from a vessel. Ashfaq Ahmed.

Gulf News (UAE). 4 August 2019. Available from: <https://gulfnews.com/uae/crime/huge-drug-haul-dubai-customs-seize-274000-captagon-pills-from-a-vessel-1.65625337> According to Dubai Customs, the officers foiled a drug smuggling attempt in which the smugglers concealed the drugs in the fuel tank of their vessel.

US Customs 'very focused' on cybersecurity. Michael Juliano. *TradeWinds*. 5 August 2019.

Available from: <https://www.tradewindsnews.com/containerships/us-customs-very-focused-on-cybersecurity/2-1-649318> Cybersecurity is one of US Customs and Border Protection's top security challenges in protecting the maritime industry from outside threats, according to agency officials.

Blumenthal ship detained for nine days in Belgium port finally released. *International Transport Workers' Federation (ITF)*. 6 August 2019. Available from:

<https://www.itfglobal.org/en/news/blumenthal-ship-detained-nine-days-belgium-port-finally-released>

The Liberian-flagged bulk carrier the *MV Lita* was detained by for nine days after Belgian authorities inspected the ship and found dozens of safety breaches and deficiencies relating to the working conditions of the crew.

Foreign flagged ships detained in the UK during July 2019. *UK Government*. 8 August 2019.

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

Iran, UK exchange documents to release oil tanker. *Islamic Republic News Agency - IRNA (Iran)*.

13 August 2019. Available from: <https://en.irna.ir/news/83435613/Iran-UK-exchange-documents-to-release-oil-tanker> Deputy Head of Iran's Ports and Maritime Organization (PMO) Jalil Eslami said on Tuesday that some documents have been exchanged to free *Grace 1* supertanker carrying Iranian oil that was seized by the UK Navy in Gibraltar last month.

Iran, UK exchange documents to release oil tanker. *Islamic Republic News Agency - IRNA (Iran)*. 13 August 2019. Available from: <https://en.irna.ir/news/83435613/Iran-UK-exchange-documents-to-release-oil-tanker> Deputy Head of Iran's Ports and Maritime Organization (PMO) Jalil Eslami said on Tuesday that some documents have been exchanged to free *Grace 1* supertanker carrying Iranian oil that was seized by the UK Navy in Gibraltar last month.

Gibraltar decides to free seized Iranian tanker; U.S. seeks to hold it. Guy Faulconbridge and Marco Trujillo. *Reuters*. 15 August 2019. Available from: <https://reut.rs/2OXu7Lq> Britain's Mediterranean territory Gibraltar decided on Thursday to free a seized Iranian oil tanker, but did not immediately indicate when or if the ship would set sail after the United States launched a new, last-minute legal bid to hold it.

Grace 1: UK statement on the outcome of Gibraltar's legal proceedings. *UK Government*. 15 August 2019. Available from: <https://www.gov.uk/government/news/grace-1-uk-statement-on-the-outcome-of-gibraltars-legal-proceedings> The Foreign & Commonwealth Office gave a statement following the Government of Gibraltar's decision on the *Grace 1* oil tanker.

Iran oil tanker: Gibraltar orders release of Grace 1. *BBC News*. 15 August 2019. Available from: <https://www.bbc.co.uk/news/uk-49362182> The UK territory received written assurances from Iran that the ship would not discharge its cargo in Syria.

PORTS & HARBOURS

Mallorca rally defends cruising against call for one ship a day limit. Frederik Erdmann. *Seatrade Cruise News*. 26 July 2019. Available from: <https://www.seatrade-cruise.com/news/news-headlines/mallorca-rally-defends-cruising-against-call-for-one-ship-limit/> About 100 people attended a rally at the Maritime Station 2 of Palma de Mallorca this week in support of cruise tourism and calling for a study on the impact of air emissions from cruise ships.

One Hundred Ports 2019: Stable showing. Linton Nightingale. *Lloyd's List*. 29 July 2019. Available from: <https://lloydlist.maritimeintelligence.informa.com/LL1128428/One-Hundred-Ports-2019-Stable-showing> Robust volume growth across China, backed by other strong regional performances, beefed up global throughput figures in 2018. However, it wasn't all plain sailing for the elite box facilities.

Jurong Port's new facility puts Singapore among world's top bunkering ports for clean fuel. Zhaki Abdullah. *Straits Times*. 29 July 2019. Available from: <https://www.straitstimes.com/singapore/first-phase-of-jurong-port-tank-terminals-officially-opened> A new storage facility at Jurong Port will strengthen Singapore's position as one of the world's top bunkering ports for low-sulphur fuels, said Senior Minister of State for Trade and Industry Chee Hong Tat on Monday (July 29).

South Korea pledges \$35bn investment in port expansion. Cichen Shen. *Lloyd's List*. 1 August 2019. Available from: <https://bit.ly/2kt9WGB> The Seoul government is looking to boost handling capacity at 12 domestic ports over the next two decades.

Classification bureau finds new fuel types in unusual ports. Christian Carlsen. *ShippingWatch*. 2 August 2019. Available from: <https://shippingwatch.com/secure/regulation/article11529677.ece> More and more fuel types with a low sulfur content are being introduced to the market – and in some cases in ports in which low-sulfur fuels are not common, says Bureau Veritas.

Geingob inaugurates container terminal. Adam Hartman. *The Namibian*. 2 August 2019. Available from: <https://www.namibian.com.na/81578/read/Geingob-inaugurates-container-terminal> Accompanying him at the inauguration ceremony held on the 40- hectare platform reclaimed from the Atlantic Ocean was former president Hifikepunye Pohamba, who officiated at the groundbreaking ceremony of the terminal in May 2014.

Drug squad seizes cocaine at Thessaloniki port. *Ekathimerini (Greece)*. 3 August 2019. Available from: <http://www.ekathimerini.com/243269/article/ekathimerini/news/drug-squad-seizes-cocaine-at-thessaloniki-port> Officers from the Thessaloniki Port Authority's narcotics squad have seized a 52-kilogram shipment of cocaine coming into the northern Greek city via container, authorities reported on Saturday.

British Ports Association and Port of Rotterdam launch smart ports paper. *British Ports Association*. 6 August 2019. Available from: <https://www.britishports.org.uk/news/british-ports-association-and-port-of-rotterdam-launch-smart-ports-paper> The British Ports Association is today launching a new joint smart ports paper with the Port of Rotterdam examining port digitalisation.

Shanghai tops ranking of world's best-connected ports. *United Nations Conference on Trade and Development (UNCTAD)*. 7 August 2019. Available from: <https://unctad.org/en/pages/newsdetails.aspx?OriginalVersionID=2163> The Shanghai port has topped UNCTAD's 2019 ranking of the world's best-connected ports, released on 7 August.

Container ports: the fastest, the busiest, and the best connected. Hassiba Benamara, Jan Hoffmann, Luisa Rodriguez and Frida Youssef. *United Nations Conference on Trade and Development (UNCTAD)*. 7 August 2019. Available from: <https://unctad.org/en/pages/newsdetails.aspx?OriginalVersionID=2162> Known as the "humble heroes" of globalization, containers are handled in hundreds of millions at container ports worldwide annually.

Port of Rotterdam Authority launches new company PortXchange to make digital shipping app Pronto available to ports worldwide. *Port of Rotterdam*. 8 August 2019. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/port-of-rotterdam-authority-launches-portxchange> This entity is set up to offer the Pronto platform and application to ports around the world over the next few years.

No, Venice hasn't just banned cruise ships from its lagoon. Clare Speak. *The Local (Italy)*. 10 August 2019. Available from: <https://www.thelocal.it/20190810/no-venice-isnt-about-to-ban-cruise-ships-from-its-lagoon> On Wednesday, Italian transport minister Danilo Toninelli told a parliamentary hearing that giant cruise ships could be diverted away from Venice's centre, where many currently dock.

Cosco's Belt and Road ambitions hinge on Mediterranean terminals. Antonella Teodoro. *Lloyd's List*. 14 August 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1128777/Coscos-Belt-and-Road-ambitions-hinge-on-Mediterranean-terminals> Piraeus is an example of what happens when Chinese money meets European demand.

USCG increases OPA90 penalties in line with inflation. David Osler. *Lloyd's List*. 15 August 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1128804/USCG-increases-OPA90-penalties-in-line-with-inflation> The US Coast Guard is to impose a 4.5% increase in penalties for vessels, deepwater ports and onshore facilities under the Oil Pollution Act of 1990, to reflect the rise in consumer price index inflation since 2015.

Baltic Ports Organization joins World Ports Sustainability Program as Partners. *World Ports Sustainability Program (WPSP)*. 19 August 2019. Available from: <https://sustainableworldports.org/baltic-ports-organization-joins-world-ports-sustainability-program-as-partners/> IAPH's World Ports Sustainability Program welcomes the Baltic Ports Organization with its 44 member ports.

£9 million announced to get ports and local areas ready for Brexit. Rt Hon Robert Jenrick MP. *UK Government*. 21 August 2019. Available from: <https://www.gov.uk/government/news/9-million-announced-to-get-ports-and-local-areas-ready-for-brexite> £5 million will be given to local councils which either have or are near to a major air, land or sea port and £4 million to local resilience forums.

Bellona has entered into a cooperation agreement with the Port of Oslo. *Bellona Foundation*. 21 August 2019. Available from: <https://bellona.org/news/climate-change/2019-08-bellona-has-entered-into-a-cooperation-agreement-with-the-port-of-oslo> Oslo Harbor KF has signed a cooperation agreement with the Bellona Foundation. Bellona will partner up with the Port of Oslo to make the port emission-free, and will distribute the lessons learned from this project with the international community, allowing others to follow Oslo's example.

Moving more containers through congested ports. Harry Valentine. *Maritime Executive*. 22 August 2019. Available from: <https://maritime-executive.com/editorials/moving-more-containers-through-congested-ports> The introduction and operation of ever larger container ships challenges ports to rapidly quickly move increasing volumes of containers through their terminals.

TimeToBunker: new app for efficient and reliable communication of bunkering notifications. *Port of Rotterdam*. 26 August 2019. Available from: <https://bit.ly/2k2bUNR> Paperless bunkering and informing the Harbour Master and Customs in one go?

Panama Maritime Authority moving forward on administration's key issues. *MundoMaritimo*. 26 August 2019. Available from: <https://mundomaritimo.net/noticias/panama-maritime-authority-moving-forward-on-administrationsquos-key-issues> The Panama Maritime Authority (AMP) administrator and Maritime Affairs minister, Noriel Araúz, talked in exclusive with MundoMaritimo at the WISTA Americas annual conference in Panama, about the AMP's current guidelines and first steps towards the road to strengthen the country's position as a strategic player in the global maritime industry.

Leviathans in the Harbor. Brian Payton. *Hakai Magazine*. 27 August 2019. Available from: <https://www.hakaimagazine.com/features/leviathans-in-the-harbor/> More and bigger cruise ships are crowding coastal destinations.

Interview: Port of Cork Prepares for Brexit. *Maritime Executive*. 28 August 2019. Available from: <https://maritime-executive.com/article/interview-port-of-cork-prepares-for-brexite> The Port of Cork is a key trade gateway for Ireland, and like all ports in the British Isles, it is making ready for Britain's long-expected exit from the European Union on October 31.

Drop in major incidents in the Port of Singapore. *Maritime and Port Authority of Singapore*. 29 August 2019. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/758d6314-b656-4643-b9bd-d549fa06dbee> The number of major incidents[1] in the Port of Singapore has dropped over the last 10 years, with fewer than 0.12 major incidents per 100,000 vessel movements in 2018, down from 0.8 in 2009.

Government pledges £30 million to bolster ports for Brexit. Grant Shapps. *UK Government*. 30 August 2019. Available from: <https://www.gov.uk/government/news/government-pledges-30-million-to-bolster-ports-for-brexit> Funding to ensure that trade continues to flow smoothly at UK ports after 31 October 2019.

REGULATIONS

Indonesia needs time to exhaust existing supplies before switch to low-sulphur fuel - transport ministry. Bernadette Christina Munthe. *Reuters*. 29 July 2019. Available from: <https://reut.rs/2kvl30t> Indonesia needs more time to comply with global rules requiring low-sulphur marine fuels, its transport ministry said on Monday, citing abundant supply of higher-sulphur fuel.

IMO 2020: Enforcement could slip through Marpol's loopholes. Paul Gunton. *ShipInsight*. 31 July 2019. Available from: <https://shipinsight.com/articles/imo-2020-enforcement-could-slip-through-marpols-loopholes> Indonesia's reported plans to ignore the sulphur cap for its national-flag vessels on domestic routes puts a spotlight on the biggest difficulty regulators will face: enforcement.

Trident Alliance responds to Indonesian threats on IMO2020 low sulphur fuel policy. *Trident Alliance*. 31 July 2019. Available from: <http://www.tridentalliance.org/news/2019/7/31/trident-alliance-responds-to-indonesian-threats-on-imo2020-low-sulphur-fuel> The entry into force date of the new global sulphur cap is set in stone. From January 1st, 2020 the maximum sulphur content of fuel consumed on the high seas will be 0.50%, unless an exhaust gas cleaning system is used.

Indonesia's IMO 2020 pushback raises concerns of wider non-compliance. Eric Yep and Anita Nugraha. *S&P Global Platts*. 1 August 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/080119-indonesias-imo-2020-pushback-raises-concerns-of-wider-non-compliance> Indonesia's backtracking on IMO 2020's January 1 target for sulfur caps on domestic shipping raises the specter of wider non-compliance, as the marine fuel regulation becomes increasingly disruptive and policymakers seek to control its economic fallout, executives said at a gas conference in Jakarta this week.

Re-reading the IMO 2020 crude tanker tea leaves. Greg Miller. *Freight Waves*. 1 August 2019. Available from: <https://www.freightwaves.com/news/reading-the-imo-2020-crude-tanker-tea-leaves> Expectations of an IMO 2020 spike in tanker rates are not just being subtly tempered on the product carrier side of the equation.

Refinery Margin Tracker: Complex US refiners feel the pinch of narrower crude spreads ahead of IMO 2020 rules. Janet McGurty. *S&P Global Platts*. 5 August 2019. Available from: <https://bit.ly/2k7UeAE> Most US refiners are seeing weaker coking margins ahead of sulfur limits under IMO 2020 rules as the price difference between light, sweet crudes and heavy crudes narrow, but expect spreads to widen back out as the January 1, 2020, deadline for the bunker fuel change nears.

Carriers looking to fix charters long-term as IMO 2020 squeezes ship supply. Mike Wackett. *The Loadstar*. 8 August 2019. Available from: <https://theloadstar.com/carriers-looking-to-fix-charters-long-term-as-imo-2020-squeezes-ship-supply/> Non-operating containership owners Seaspan and Danaos have reported "positive supply side-effects" from the IMO's 0.5% sulphur cap on vessels, coming into force next January.

Problems with clean fuel compatibility. *IOL - Independent Online (South Africa)*. 8 August 2019. Available from: <https://www.iol.co.za/mercury/network/problems-with-clean-fuel-compatibility-30464539> The clock is ticking for the implementation on January 1, 2020, of the International Maritime Organisation's (IMO) sulphur cap rule of a significant reduction in the sulphur content of the fuel oil used by ships.

Record keeping vital to explaining IMO 2020 non-compliance. Marcus Hand. *Seatrade Maritime News*. 9 August 2019. Available from: <https://www.seatrade-maritime.com/news/europe/record-keeping-vital-to-explaining-imo-2020-non-compliance/> Record keeping will be key for shipowners to demonstrate compliance or explain non-compliance with the IMO 2020 sulphur cap says North P&I.

Tankers International rewrites the rule book ahead of IMO 2020. Andy Pierce. *TradeWinds*. 9 August 2019. Available from: <https://www.tradewindsnews.com/tankers/tankers-international-rewrites-the-rule-book-ahead-of-imo-2020/2-1-651807> Tankers International, the world's largest VLCC pool, is putting the finishing touches to a fresh set of rules to accommodate a polarised approach from key members to the new IMO 2020 emissions rules.

Ghana committed to meeting IMO 2020 Sulphur Cap regulations - Mrs Sagoe. Kodjo Adams. *Ghana News Agency*. 15 August 2019. Available from: <https://ghananewsagency.org/social/ghana-committed-to-meeting-imo-2020-sulphur-cap-regulations-mrs-sagoe-154706> Government has constituted an inter-ministerial committee to meet the deadline for the implementation of the International Maritime Organization (IMO) 2020 Sulphur Cap regulations, Mrs Mabel Sagoe, the Chief Director of Ministry of Transport has said.

IMO 2020 preparations and their impacts on US exports. Kristian Paris Tialios and Catherine Wood. *S&P Global Platts*. 15 August 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/081519-feature-imo-2020-preparations-and-its-impacts-on-us-exports> Ahead of IMO 2020, shipowners are increasingly taking ships off the water for scrubber installations, reducing tonnage availability in the Americas and supporting expectations that freight will firm in the coming months, impacting US export competitiveness.

IMO 2020 could spark more shipping tie-ups with fuel sellers. Greg Miller. *Freight Waves*. 15 August 2019. Available from: <https://www.freightwaves.com/news/imo-2020-could-spark-more-shipping-tie-ups-with-fuel-sellers> If you're really worried about the limitations on marine fuel supply due to upcoming regulations, one way to hedge your risk – assuming you're big enough – is to buy your own marine fuel supplier, or at least part of one.

How IMO regulations affect Korean oil refiners, shipbuilders. Shin Ji-hye. *Korea Herald*. 19 August 2019. Available from: <http://www.koreaherald.com/view.php?ud=20190819000534> New environmental regulations in international waters could serve as a momentum for Korean oil refiners and shipbuilders to seek new opportunities in the sluggish markets.

Joint Industry Guidance on the supply and use of 0.50% – sulphur marine fuel. *International Bunker Industry Association (IBIA)*. 20 August 2019. Available from: <https://ibia.net/joint-industry-guidance-on-the-supply-and-use-of-0-50-sulphur-marine-fuel/> A number of shipping, refining, fuel supply and standards organisations have worked together to produce Joint Industry Guidance on the supply and use of 0.50% – sulphur marine fuel released on 20 August 2019. [Industry Guidance](#) 

Specialist lubricant released for engines running low sulphur fuel. Craig Jallal. *Marine Propulsion & Auxiliary Machinery*. 20 August 2019. Available from: <https://bit.ly/2lC1TaC>
ExxonMobil has announced its new 40BN cylinder oil, Mobilgard 540, will be available from 2 September 2019.

GMA & GSA collaborate to sensitize shipping sector stakeholders on IMO Sulphur Cap Policy. *GhanaWeb*. 21 August 2019. Available from: <https://www.ghanaweb.com/GhanaHomePage/business/GMA-GSA-collaborate-to-sensitize-shipping-sector-stakeholders-on-IMO-Sulphur-Cap-Policy-774031> Seaborne trade is at its highest demand and cargo ships are at their highest usage rate ever.

Shipbroker says companies get rush deliveries of VLCCs prior to sulfur cap. Mathias Bledel Lorenzen. *ShippingWatch*. 21 August 2019. Available from: <https://shippingwatch.com/secure/carriers/Tanker/article11565426.ece> In both orders and deliveries, the first half of 2019 saw the largest VLCC growth in 20 years, shipbroker SSY writes in an analysis.

Malaysia will have adequate LSFO to meet demand as IMO 2020 looms: Transport Minister. Surabhi Sahu and Jeslyn Lerh. *S&P Global Platts*. 22 August 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/082219-malaysia-will-have-adequate-lsfo-to-meet-demand-as-imo-2020-looms-transport-minister> Malaysia is readying for the International Maritime Organization's global sulfur limit rule for marine fuels and will have sufficient low sulfur fuel oil to meet upcoming demand as the IMO 2020 rule inches closer, Loke Siew Fook, Malaysia's Transport Minister said during an industry event in the country this week.

West African oil hits sweet spot as shipping upgrades to cleaner fuel. Noah Browning. *Reuters*. 22 August 2019. Available from: <https://uk.reuters.com/article/uk-shipping-imo/west-african-oil-hits-sweet-spot-as-shipping-upgrades-to-cleaner-fuel-idUKKCN1VC1M9> African states like Chad and Cameroon are shaping up to be big winners from new rules to cut sulphur emissions from ships, providing just the right type of oil to produce cleaner fuels.

ClassNK reorganizes its structure to support the industry with the 2020 Sulphur Cap. *ClassNK*. 27 August 2019. Available from: https://www.classnk.or.jp/hp/en/hp_news.aspx?id=4106&type=press_release&layout=1 Leading classification society ClassNK has undergone structural changes that include an integration of its point of contacts in order to more quickly and efficiently support clients with the IMO's upcoming sulphur cap which will be globally enforced starting in January of 2020.

As IMO 2020 deadline nears, shipping sector makes final push to adapt. *S&P Global Platts*. 28 August 2019. Available from: <https://www.spglobal.com/en/research-insights/articles/as-imo-2020-deadline-nears-shipping-sector-makes-final-push-to-adapt> Ahead of the S&P Global Platts Asia Pacific Petroleum Conference (APPEC 2019), Insight presents a series of articles exploring aspects of the global trade in crude oil and refined products.

Approaching 2020: Who should do what to ensure compliance. M Kalyanaraman. *Marine Propulsion & Auxiliary Machinery*. 29 August 2019. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/approaching-2020-who-should-do-what-to-ensure-compliance-56038> BIMCO has developed two charterparty clauses that govern sulphur content requirements and the transition to the IMO sulphur cap.

Classification firm fears mixture problems tied to sulfur cap. Christian Carlsen. *ShippingWatch*. 29 August 2019. Available from: <https://shippingwatch.com/secure/regulation/article11582533.ece>
When the new sulfur regulations come into force, one of the major challenges facing shipowners across the world will be to handle the interaction of different new low-sulfur fuel types if they mix, classification bureau ABS assesses to ShippingWatch.

SALVAGE

Interview: Spain's Salvage Director Jose Luis Garcia Lena talks maritime rescue. *gCaptain*. 21 August 2019. Available from: <https://gcaptain.com/interview-spains-salvage-director-jose-luis-garcia-lena-talks-maritime-rscue/> Interview by Paul González-Morgan (Marine Strategy) – Jose Luis Garcia Lena is Director of Spain's Salvage and Maritime Safety Society (SASEMAR), known as “Salvamento Marítimo” (SM), mainly dedicated to the protection of life at sea.

High Arctic salvage operation for grounded trawler resumes. *Maritime Executive*. 23 August 2019. Available from: <https://www.maritime-executive.com/article/high-arctic-salvage-operation-for-grounded-trawler-resumes> After a long delay due to ice conditions, work to remove the grounded fishing vessel *Northguider* from a remote shore in Svalbard has resumed.

SEAFARERS

NYK Establishes “MarCoPay,” an Electronic Money Platform Business to Expand Globally. *NYK Line*. 25 July 2019. Available from: https://www.nyk.com/english/news/2019/20190725_01.html As a part of a medium-term management plan to promote digitalization, NYK formed a joint venture with Philippines-based Transnational Diversified Group to launch electronic money platform “MarCoPay” for seafarers.

Stakeholders plot moves to shore up seafaring sector. Emmie V. Abadilla. *Manila Bulletin*. 30 July 2019. Available from: <https://business.mb.com.ph/2019/07/30/stakeholders-plot-moves-to-shore-up-seafaring-sector/> Deployment of Filipino seafarers is dwindling, among other issues that need to be tackled, such as the European Maritime Safety Agency (EMSA) assessment, the country's inclusion in the IMO whitelist and nuisance cases from ambulance chasers – lawyers who specialize in bringing cases seeking damages for personal injury.

More women seen joining maritime sector. Anthony Kitimo. *Business Daily (Kenya)*. 30 July 2019. Available from: <https://www.businessdailyafrica.com/corporate/shipping/More-women-seen-joining-maritime-sector/4003122-5216612-3ejch4/index.html> Shipping and Maritime principal secretary Nancy Karigithu said a third of the 120 seafarers employed by the Mediterranean Shipping Company (MSC) recently are women.

Iran tanker seizure: ‘Growing concern’ for crew of British-flagged vessel. *BBC News*. 30 July 2019. Available from: <https://www.bbc.co.uk/news/uk-49170648> The 23 crew members are confined to the vessel, which is moored off the Iranian port of Bandar Abbas, Stena Bulk and Northern Marine Management said.

Union agrees Strait of Hormuz temporary high-risk zone. *Nautilus International*. 2 August 2019. Available from: <https://www.nautilusint.org/en/union-agrees-strait-of-hormuz-temporary-high-risk-zone/> The Warlike Operations Area Committee (WOAC) has agreed to temporarily designate the Strait of Hormuz as a High-Risk Area from August 2, following government advice to avoid the area unless accompanied by UK naval support.

Calls for no mandatory pregnancy tests for women seafarers. Zoe Reynolds. *Safety at Sea*. 2 August 2019. Available from: <https://safetyatsea.net/news/2019/calls-for-no-mandatory-pregnancy-tests-for-women-seafarers/> Teresa Lloyd, CEO of Maritime Industry Australia, one of Australia's two peak shipping associations, said how far shipping must go in its treatment of women seafarers during a keynote speech to commemorate Australia's World Maritime Day on 30 July.

Crews of Some Ships Can Now Refuse to Sail Through Hormuz. Albertina Torsoli. *Bloomberg*. 3 August 2019. Available from: <https://www.bloomberg.com/news/articles/2019-08-03/crews-of-some-ships-can-refuse-to-sail-through-hormuz-union> The crews of some ships transiting the Strait of Hormuz have the right to refuse working on the vessels as they pass through the waterway—the world's most important energy chokepoint—due to the recent danger associated with operating in the region.

Stella Maris concerned after second ship seized. *Apostleship of the Sea (AoS)*. 4 August 2019. Available from: <https://www.apostleshipofthesea.org.uk/stella-maris-concerned-after-second-ship-seized> Global seafarers' charity, Stella Maris (Apostleship of the Sea), is calling for seafarers rights to be respected as a second tanker has been seized.

Seafaring charity calls for rights to be respected after Gulf tanker seizures. Lydia O'Kane. *Vatican News*. 5 August 2019. Available from: <https://www.vaticannews.va/en/church/news/2019-08/seafaring-charity-calls-for-rights-to-be-respected-following-gul.html>  As another tanker is seized in the Gulf, seafaring charity Stella Maris (Apostleship of the Sea), voices its concern and calls for the rights of seafarers operating in this region to be respected.

Seafarers working on cruise ships and ferries among unhappiest in industry, new report shows. *Mission to Seafarers*. 5 August 2019. Available from: <https://www.missiontoseafarers.org/news/seafarers-working-on-cruise-ships-and-ferries-among-unhappiest-in-industry-new-report-shows> The latest Seafarers Happiness Index report, published today by The Mission to Seafarers, has revealed that seafarers working onboard cruise ships and ferries rank among the unhappiest in the industry. [Seafarers Happiness Index - Quarter 2 / 2019](#) 

Pacific Forum Fisheries Agency enacts new crew welfare regulations. *Human Rights at Sea (HRAS)*. 6 August 2019. Available from: <https://www.humanrightsatsea.org/2019/08/06/pacific-forum-fisheries-agency-enacts-new-crew-welfare-regulations/> Human Rights at Sea is pleased to report that as of 23 May 2019, the 17 member State Pacific Forum Fisheries Agency (FFA) has enacted new agreed minimum terms and conditions in relation to crew employment conditions in support of enhanced protections for Pacific fisheries seafarers largely based on the ILO 188 Work in Fishing Convention.

Transport Malta to provide financial aid to Seafarers Centre in Valletta. Albert Galea. *Malta Independent*. 6 August 2019. Available from: <https://bit.ly/2m3VJk1> Transport Malta will be offering financial aid to the Seafarers Centre in Valletta to help with its day-to-day running under a Memorandum of Understanding signed on Tuesday morning.

Seafarer Statistics in the EU - Statistical review (2017 data STCW-IS). *European Maritime Safety Agency (EMSA)*. 7 August 2019. Available from: <https://bit.ly/2m29Sy2> The statistical review presented in this report is based on data extracted from certificates and endorsements registered by EU Member States until 31 December 2017 and recorded in the STCW Information System. [Seafarers Statistics in EU-2017](#) 

High stakes – The human consequences of Mediterranean migrant rescue on seafarers. *Nautical Institute*. 9 August 2019. Available from: <https://www.nautilusint.org/en/high-stakes-the-human-consequences-of-mediterranean-migrant-rescue-on-seafarers/> Rescuing people in distress at sea comes naturally to seafarers. But Italy has led a growing resistance and often outright hostility from port states to receiving rescued migrants – leaving seafarers caught in the middle.

10 Turkish sailors abducted off Nigeria released. *Anadolu Agency (Turkey)*. 9 August 2019. Available from: <https://www.aa.com.tr/en/africa/10-turkish-sailors-abducted-off-nigeria-released/1553771> On July 16, at least 10 Turkish sailors traveling aboard the Ivory Coast-bound Turkish ship *Paksoy-1* were abducted off Nigeria.

Pacific Forum Fisheries Agency Enacts New Crew Welfare Regulations. *Maritime Executive*. 10 August 2019. Available from: <https://www.maritime-executive.com/article/pacific-forum-fisheries-agency-enacts-new-crew-welfare-regulations> The 17 member State Pacific Forum Fisheries Agency has enacted new agreed minimum terms and conditions in relation to crew employment conditions in support of enhanced protections for Pacific fisheries seafarers.

Stena Bulk boss writes to Narendra Modi to resolve *Stena Impero* impasse. Sam Chambers. *Splash 247.com*. 12 August 2019. Available from: <https://splash247.com/stena-bulk-boss-writes-to-narendra-modi-to-resolve-stena-impero-impasse/> With the crew of the *Stena Impero* now detained for nearly four weeks in Iran, Stena Bulk's chief executive and president Erik Hanell has written to Narendra Modi, asking the Indian prime minister to personally intervene to negotiate with Tehran.

Independent review of UAE legal and policy protections for Seafarers. *Human Rights at Sea*. 12 August 2019. Available from: <https://www.humanrightsatsea.org/2019/08/12/independent-review-of-uae-legal-and-policy-protections-for-seafarers/> Human Rights at Sea today issues an independent review and briefing note on the current legal and policy protections for seafarers operating in United Arab Emirates (UAE) waters following on from the series of high-profile abandonment cases since late 2018 highlighted by the charity's case studies and other leading international newspapers such as the Times of India and The Guardian. [UAE Government Legal & Policy Position](#) 

Stena CEO asks India's president for help to release ship. Simon Valeur. *ShippingWatch*. 12 August 2019. Available from: <https://shippingwatch.com/secure/carriers/article11546324.ece> In a letter, Stena Bulk's CEO calls on India's prime minister to personally enter the efforts to secure the release of UK-flagged tanker ship *Stena Impero* and its primarily Indian crew members, who have been detained in Iran since mid-July.

Crew safe after fire breaks out on APL containership off India coast. Lee Hong Liang. *Seatrade Maritime News*. 13 August 2019. Available from: <https://www.seatrade-maritime.com/news/asia/crew-safe-after-fire-breaks-out-on-apl-containership-off-india-coast/> An APL containership caught fire last Friday off the coast of western India, and all 26 crew members were reportedly safe, according to the India Coast Guard.

Piracy and despair: The unique problems that plague sailors. *Catholic News Agency (CNA)*. 14 August 2019. Available from: <https://www.catholicnewsagency.com/news/piracy-and-despair-the-unique-problems-that-plague-sailors-26885> For most people in the 21st century, piracy probably conjures up images of illegal downloads from Limewire before it does thoughts of trouble-making sea-farers.

Viewpoint: The happy seafarer. Michael Grey. *Lloyd's List*. 15 August 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1128737/Viewpoint-The-happy-seafarer> It may not be realistic to aggregate the individual responses of happy or unhappy seafarers into industry sectors, as happiness is surely dependent upon life on an individual ship, but it is a good idea to ascertain seafarers' thoughts and opinions on key welfare issues.

Are seafarers becoming more unhappy? Iain Gomersall. *Knect365 Maritime*. 15 August 2019. Available from: <https://knect365.com/shipping/article/1950a78e-3ce5-4dfd-9125-5b2c0041c41a/926153> The Seafarers Happiness Index platform from the Mission to Seafarers charity was originally founded in 2015 and is designed to monitor and benchmark seafarer satisfaction.

Charity optimistic that Gibraltar tanker release is hopeful news for *Stena Impero* seafarers. *Hellenic Shipping News*. 16 August 2019. Available from: <https://www.hellenicshippingnews.com/charity-optimistic-that-gibraltar-tanker-release-is-hopeful-news-for-stena-impero-seafarers/> Following media reports of the Gibraltar court decision to drop charges against some of the *Grace 1* tanker crew, it appears that the vessel is free to sail. Global seafarers' charity, Stella Maris, hopes that this may lead to the release of the *Stena Impero* crew, detained in Iran for 27 days.

John Green Interview to BBC News: *Stena Impero*. *Apostleship of the Sea (AoS)*. 13 August 2019. Available from: <https://www.apostleshipofthesea.org.uk/aos-film/john-green-bbc-news-stena-impero-2> Our Development Director John Green speaks to BBC News saying that seafarers rights must be respected following the tanker captured in the Middle East.

U.S. bans Visas for seafarers who help move Iranian oil. *Maritime Executive*. 16 August 2019. Available from: <https://www.maritime-executive.com/article/u-s-targets-seafarers-who-help-move-iranian-goods> In a message to the "maritime community" Thursday, the U.S. State Department said that it will use an anti-terrorism law to deny visas to seafarers who work aboard vessels carrying Iranian oil.

Iranian Vessel *Grace I* - United States Department of State. *US Department of State*. 15 August 2019. Available from: <https://www.state.gov/iranian-vessel-grace-i/> The United States assesses that the *M/T Grace I* was assisting the Islamic Revolutionary Guard Corps (IRGC) by transporting oil from Iran to Syria.

Last of 40 sailors abandoned off UAE coast to fly home soon. Anjana Sankar. *Khaleej Times (United Arab Emirates)*. 18 August 2019. Available from: <https://www.khaleejtimes.com/uae/dubai/last-of-40-sailors-abandoned-off-uae-coast-to-fly-home-soon-1> Their repatriation shall end one of the most horrible and longest sagas involving abandoned seafarers in the UAE.

Union calls for Iran to allow access to crew of detained tanker *Stena Impero*. *Nautilus International*. 19 August 2019. Available from: <https://www.nautilusint.org/en/nautilus-calls-for-iran-to-allow-access-to-crew-of-detained-tanker-stena-impero/> Nautilus has written to the Iranian government asking that the owners of detained UK-flagged tanker *Stena Impero*, be granted access to the vessel in order to check on the crew.

Philippines, Russia work to make contact with kidnapped crew. Matt Coyne. *TradeWinds*. 21 August 2019. Available from: <https://www.tradewindsnews.com/casualties/philippines-russia-work-to-make-contact-with-kidnapped-crew/2-1-657590> The Russian and Filipino governments have reached out to determine the condition of the 17 seafarers kidnapped off two ships in Cameroonian waters last week.

Stena boss meets with Iranian foreign minister over tanker seizure. Adam Corbett. *TradeWinds*. 21 August 2019. Available from: <https://www.tradewindsnews.com/tankers/stena-boss-meets-with-iranian-foreign-minister-over-tanker-seizure/2-1-658326> Stena Bulk chief executive Erik Hanell has personally asked Iranian Foreign Minister Mohammad Javad Zarif to release the seized tanker *Stena Impero* and its crew.

Seafarer abuse continues with low settlement offers for outstanding wages.

Human Rights at Sea (HRAS). 21 August 2019. Available from: <https://www.humanrightsatsea.org/2019/08/21/seafarer-abuse-continues-with-low-settlement-offers-for-outstanding-wages/> This evening Human Rights at Sea was contacted in desperation by a seafarer and Indian national 34-year-old Vikas Mishra from Jaunpur who had previously suffered 35 months and 13 days onboard the UAE flagged *MV Tamim Aldar* owned by Eliteway Marine Services Ltd without pay and seeing his family in what has been a widely and internationally reported matter.

NIMASA demonstrates commitment to seafarers welfare. Isichei Osamgbi. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 21 August 2019. Available from: <https://www.nimasa.gov.ng/press-center/post/nimasa-demonstrates-commitment-to-seafarers-welfare> In furtherance of its effort to ensure improved working conditions for seafarers in the country, the Nigerian Maritime Administration and Safety Agency (NIMASA) has midwived the signing of the Nigerian Seafarers Conditions of Service Collective Bargaining Agreement (CBA).

Media: Stena vessel and crew could leave Iran in a few days. Niklas Krigslund. *ShippingWatch*. 23 August 2019. Available from: <https://shippingwatch.com/secure/carriers/Tanker/article11570442.ece> *Stena Impero*, which was detained by Iranian special forces on July 19, could be days away from being released, a source with knowledge of the talks between Sweden and Iran's foreign ministers tells Swedish television news SVT.

New rules on medical examinations. *Danish Maritime Authority*. 26 August 2019. Available from: https://www.dma.dk/Presse/Nyheder/Sider/New_rules_medical_examinations.aspx On September 1, 2019, the order for medical examinations of seafarers and fishermen will be changed.

Union ready to battle Maersk on seafarers' rights: "There's no end to this". Søren Pico. *ShippingWatch*. 27 August 2019. Available from:

<https://shippingwatch.com/secure/carriers/Container/article11577118.ece> Two unions now fire back after Maersk says it considers reducing costs related to its seafarers.

Maersk's head of Marine HR: Our crew costs are too high. Tomas Kristiansen. *ShippingWatch*. 26 August 2019. Available from: <https://shippingwatch.com/secure/carriers/article11575185.ece> The head of Marine HR at Maersk, Niels Bruus, is preparing to "turn over every stone" to make the company's crew-related costs competitive, reports maritime media Søfar.

Seafarers used as patsies by governments. *International Transport Workers' Federation (ITF)*. 27 August 2019. Available from: <https://www.itfglobal.org/en/news/seafarers-used-patsies-governments> The International Transport Workers' Federation (ITF) has serious concerns over the lack of understanding shown by many governments in relation to international shipping and the role played by seafarers.

India first country to issue smart IDs to seafarers containing facial biometric details.

Dipak K Dash. *Times of India*. 28 August 2019. Available from:

<https://timesofindia.indiatimes.com/india/india-first-country-to-issue-smart-ids-to-seafarers-containing-facial-biometric-details/articleshow/70881550.cms> India has become the first country in the world to issue smart ID card to seafarers containing their facial biometric details which will replace the existing Continuous Discharge Certificate (CDC)—a passport-like document.

“Deep concern for the 25 seafarers reported missing aboard ‘NUR ALLYA’ loaded with Nickel Ore in Indonesia”.

International Association of Dry Cargo Shipowners (INTERCARGO). 29 August 2019. Available from:

<https://www.intercargo.org/deep-concern-for-the-25-seafarers-reported-missing-aboard-nur-allya-loaded-with-nickel-ore-in-indonesia/> INTERCARGO’s thoughts and prayers are with the families and loved ones of the 25 seafarers, crew of the Indonesian Flagged 52,400 dwt bulk carrier “NUR ALLYA” (built 2002) reported missing since 20 August in Indonesian waters loaded with Nickel Ore. [Full Media Release](#)

SEARCH & RESCUE

Cruise ship rescues stranded sailors. Paula Wallace. *DCN - Daily Cargo News (Australia)*.

30 July 2019. Available from: <https://www.thedcn.com.au/cruise-ship-rescues-caribbean-sailors/> AUSTRALIA-based *Sea Princess* rescued three seafarers who had taken to a life raft after their ship sank in the South Caribbean Sea.

Spanish NGO boat seeks safe port for 124 people rescued in Mediterranean. Sam Edwards.

Reuters. 2 August 2019. Available from: <https://reut.rs/2m1Xyhd> A Spanish charity rescue boat sought safe port on Friday after Italy rejected its request to disembark 124 people saved from two migrant rafts in the Mediterranean, the organisation said.

Sicilian fishermen risk prison to rescue migrants: ‘No human would turn away’. *The Guardian*.

3 August 2019. Available from: <https://www.theguardian.com/world/2019/aug/03/sicilian-fishermen-risk-prison-to-rescue-migrants-off-libya-italy-salvini> Captain Carlo Giarratano didn’t think twice when, late last month, during a night-time fishing expedition off the coast of Libya, he heard desperate cries of help from 50 migrants aboard a dinghy that had run out of fuel and was taking on water.

40 rescued migrants brought to Malta; 123 more still at sea. *Associated Press*. 4 August 2019.

Available from: <https://apnews.com/220056d1839146dfaa2083f3732082de> Forty migrants rescued off the coast of Libya were successfully transferred Sunday to Maltese military boats and brought to port, the German rescue group Sea-Eye said, ending another standoff with the European Union over the fate of migrants rescued in the Mediterranean Sea.

Once migrants on Mediterranean were saved by naval patrols. Now they have to watch as drones fly over. Daniel Howden, Apostolis Fotiadis and Antony Loewenstein. *The Guardian*.

4 August 2019. Available from: <https://www.theguardian.com/world/2019/aug/04/drones-replace-patrol-ships-mediterranean-fears-more-migrant-deaths-eu> Amid the panicked shouting from the water and the smell of petrol from the sinking dinghy, the noise of an approaching engine briefly raises hope.

Italy government wins confidence vote on decree targeting migrant rescue ships. Gavin Jones.

Reuters. 5 August 2019. Available from: <https://www.reuters.com/article/us-italy-politics-migrants-idUSKCN1UV21Y> The Italian government on Monday won a confidence vote in the Senate on a decree targeting charities operating migrant rescue ships, in a victory for Interior Minister Matteo Salvini and his far-right League party.

Migrant rescue NGOs defy European states. *EurActiv*. 6 August 2019. Available from:

<https://www.euractiv.com/section/all/news/migrant-rescue-ngos-defy-european-states/>

A Spanish charity that saved 121 migrants in the Mediterranean last week vowed Monday to continue sea rescue operations, the latest NGO to defy moves by European nations to shut down a route exploited by trafficking gangs.

Europe must act now to end preventable deaths in Libya and at sea. Joanne Liu.

Medecins Sans Frontieres (MSF). 6 August 2019. Available from: [https://www.msf.org/europe-must-](https://www.msf.org/europe-must-act-now-end-preventable-deaths-libya-and-sea-mediterranean-migration)

[act-now-end-preventable-deaths-libya-and-sea-mediterranean-migration](https://www.msf.org/europe-must-act-now-end-preventable-deaths-libya-and-sea-mediterranean-migration) On 25 July, tragedy once again hit the Mediterranean with an estimated 150 people drowned whilst fleeing Libya.

Rescue trauma haunts Mediterranean migrant rescuers. *Channel News Asia*. 6 August 2019.

Available from: [https://www.channelnewsasia.com/news/world/rescue-trauma-haunts-](https://www.channelnewsasia.com/news/world/rescue-trauma-haunts-mediterranean-migrant-rescuers-11786554)

[mediterranean-migrant-rescuers-11786554](https://www.channelnewsasia.com/news/world/rescue-trauma-haunts-mediterranean-migrant-rescuers-11786554) On board the *Ocean Viking*: From one operation to the next, it is not the people who are saved but the ones they can do nothing to help who leave the worst mental scars on migrant rescuers in the Mediterranean.

UNHCR concerned at new measures impacting rescue at sea in the Central Mediterranean.

United Nations High Commissioner for Refugees. 6 August 2019. Available from:

[https://www.unhcr.org/news/briefing/2019/8/5d49370e4/unhcr-concerned-new-measures-impacting-](https://www.unhcr.org/news/briefing/2019/8/5d49370e4/unhcr-concerned-new-measures-impacting-rescue-sea-central-mediterranean.html)

[rescue-sea-central-mediterranean.html](https://www.unhcr.org/news/briefing/2019/8/5d49370e4/unhcr-concerned-new-measures-impacting-rescue-sea-central-mediterranean.html) UNHCR is concerned about last night's decision by the Italian Parliament to convert into law a security decree that imposes more severe penalties on boats and people conducting search and rescue operations in the Mediterranean.

'€1 million' fines for rescue boats prompts UN concern for future sea operations. *UN News*.

6 August 2019. Available from: <https://news.un.org/en/story/2019/08/1043751> Speaking in Geneva, UN Refugee Agency spokesperson Charlie Yaxley explained that the legislative move came at a time when other European countries had largely stopped sea rescue activities.

Italy and Malta should let migrants on OpenArms in, urges ICJ. *International Commission of*

Jurists (ICJ). 8 August 2019. Available from: [https://www.icj.org/italy-and-malta-should-let-migrants-](https://www.icj.org/italy-and-malta-should-let-migrants-on-openarms-in-urges-icj/)

[on-openarms-in-urges-icj/](https://www.icj.org/italy-and-malta-should-let-migrants-on-openarms-in-urges-icj/) The ICJ called today on Italy and Malta to cooperate to swiftly provide a place of safety for the disembarkment of the 121 migrants, likely including asylum seekers, on board the Open Arms vessel.

Migrants: Malta refuses to refuel *Ocean Viking*. *ANSamed*. 8 August 2019. Available from:

[http://www.ansamed.info/ansamed/en/news/sections/politics/2019/08/08/migrants-malta-refuses-to-](http://www.ansamed.info/ansamed/en/news/sections/politics/2019/08/08/migrants-malta-refuses-to-refuel-ocean-viking_e3bb74d6-b76a-41ff-a4f1-1699679900b9.html)

[refuel-ocean-viking_e3bb74d6-b76a-41ff-a4f1-1699679900b9.html](http://www.ansamed.info/ansamed/en/news/sections/politics/2019/08/08/migrants-malta-refuses-to-refuel-ocean-viking_e3bb74d6-b76a-41ff-a4f1-1699679900b9.html) Maltese authorities have refused to refuel the *Ocean Viking*, the new migrant rescue ship operated by Sos Mediterranee and Doctors Without Borders (MSF), despite a previous agreement, a spokesman for the Sos Mediterranee told Germany's Dpa news agency.

EU parliament chief urges Juncker to help migrants aboard Spanish ship. Joan Faus. *Reuters*.

8 August 2019. Available from: <https://reut.rs/2IAYMje> The European Commission should help 121 migrants who have spent a week aboard a Spanish rescue boat to find refuge, European Parliament speaker David Sassoli said in a letter on Thursday to the EU executive's president, Jean-Claude Juncker.

Search ends for Channel migrant missing at sea. *BBC News*. 10 August 2019. Available from:

<https://www.bbc.co.uk/news/uk-england-kent-49304500> The woman was reported to have fallen

from a dinghy that was seen by a cargo vessel heading towards the Kent coast at 13:15 BST on Friday.

Another 81 migrants rescued by charity ship off Libya. *France 24.* 11 August 2019.

Available from: <https://www.france24.com/en/20190811-another-81-migrants-rescued-charity-ship-off-libya> French charities SOS Mediterranean and MSF rescued another 81 migrants off the coast of Libya on Sunday, who joined 130 others aboard the ship the *Ocean Viking*.

Sea-Watch eyes Mediterranean for abandoned asylum-seekers. Max Zander.

Deutsche Welle (Germany). 11 August 2019. Available from: <https://www.dw.com/en/sea-watch-eyes-mediterranean-for-abandoned-asylum-seekers/a-49987836> 🗣️ The Mediterranean route remains one of the deadliest migration routes in the world.

French charities SOS Mediterranean and MSF rescue more than 80 migrants off Libya.

France 24. 12 August 2019. Available from: <https://www.france24.com/en/20190812-french-spanish-charities-rescue-81-migrants-off-libya> French charities SOS Mediterranean and MSF rescued another 81 migrants off the coast of Libya on Sunday, who joined 130 others aboard the ship the *Ocean Viking*.

AMVER Vessel Saves Fishermen Adrift in Western Pacific. *Maritime Executive.* 20 August 2019.

Available from: <https://maritime-executive.com/article/amver-vessel-saves-fishermen-adrift-in-western-pacific> 🗣️ On August 14, the Wallem-managed bulker *ISL Star* rescued eight Indonesian fishermen who had lost power in the Western Pacific.

Captain of migrant rescue vessel refuses honor from Paris. Forrest Crellin. *Reuters.*

22 August 2019. Available from: <https://www.reuters.com/article/us-europe-migrants-skipper-idUSKCN1VB1VI> The German captain of rescue ships that saved hundreds of migrants' lives in the Mediterranean has turned down Paris's highest civilian award, accusing the city of hypocrisy over the treatment of migrants.

Political pressures block Spanish humanitarian ship. Martin Arostegui. *Voice of America.*

22 August 2019. Available from: <https://www.voanews.com/europe/political-pressures-block-spanish-humanitarian-ship> A Spanish navy frigate sailed from Cadiz Wednesday to escort the humanitarian vessel *Open Arms* back from Italy with a token number of 10 refugees Spain has agreed to take in what could be the Barcelona-based ship's last voyage under mounting pressure to stop rescuing shipwrecked African migrants.

Weekslong standoffs in Mediterranean becoming 'new normal'. *Malta Independent.*

22 August 2019. Available from: <https://www.independent.com.mt/articles/2019-08-22/world-news/Weekslong-standoffs-in-Mediterranean-becoming-new-normal-6736212496> 🗣️ The *Ocean Viking* carrying 356 people, mostly Africans, rescued in the Mediterranean off Libya is closing in on two weeks at sea without being assigned a safe port to offload the traumatized passengers — a situation that charity workers decry as “the new normal” as Europe fails to devise a systematic response.

Hellish journey over for young woman rescued from the Mediterranean. Marco Rotunno.

United Nations High Commissioner for Refugees. 23 August 2019. Available from: <https://www.unhcr.org/news/latest/2019/8/5d5fc0ad4> An asylum-seeker allowed to disembark from the *Open Arms* rescue vessel on the Italian island of Lampedusa recalls the horror of her journey.

As *Ocean Viking* migrants disembark in Malta, more charity-government clashes loom.

Malta Independent. 24 August 2019. Available from: <https://www.independent.com.mt/articles/2019-08-24/world-news/As-Ocean-Viking-migrants-disembark-in-Malta-more-charity-government-clashes-loom-6736212547> 🗣️ Pledges by six European countries to accept over 350 migrants from a rescue ship in the central Mediterranean on Friday capped weeks of standoffs between charities and governments that have dramatically exposed Europe's inability to deal with sea migration from Africa.

Italy grounds two planes used to search for migrant boats. Lorenzo Tondo and Sam Jones. *The Guardian*. 27 August 2019. Available from: <https://www.theguardian.com/world/2019/aug/27/italy-grounds-two-planes-search-mediterranean-migrant-boats> NGOs Pilotes Volontaires and Sea-Watch blocked from using aircraft for Mediterranean rescues.

Spanish warship picks up 15 migrants to fire political shot. Belén Carreño. *Reuters*. 27 August 2019. Available from: <https://uk.reuters.com/article/uk-europe-migrants-italy-spain/spanish-warship-picks-up-15-migrants-to-fire-political-shot-idUKKCN1VH236> A Spanish warship collected 15 rescued migrants from an Italian port on Tuesday, having sailed halfway across the Mediterranean to fetch the small group in a high-profile manoeuvre that sharply contrasted with Italy's refusal to accept them.

Spanish coastguard rescues 208 migrants crossing from Africa to Spain. Emma Pinedo. *Reuters*. 29 August 2019. Available from: <https://reut.rs/2lHatEV> More than 200 migrants were rescued on Wednesday by the Spanish coastguard as they attempted to make the crossing from Africa to Spain, rescue services said on Thursday.

SHIP RECYCLING

VesselsValue: 201 Cargo Ships Scrapped in First Half of 2019. *World Maritime News*. 31 July 2019. Available from: <https://worldmaritimeneeds.com/archives/280926/vesselsvalue-201-cargo-ships-scrapped-in-first-half-of-2019/> The number of ships sold for demolition in the first half of 2019 fell for almost all sectors, compared to the same period a year before, a VesselsValue scrapping roundup has revealed.

Lloyd's Maritime Academy launches online Ship Recycling Certificate in collaboration with GMS. *Hellenic Shipping News*. 8 August 2019. Available from: <https://bit.ly/2lz6GtB> Do you know the difference between recycling and responsible recycling?

India may adopt Hong Kong convention for green ship recycling. Nishtha Saluja. *Economic Times (India)*. 15 August 2019. Available from: <https://economictimes.indiatimes.com/news/politics-and-nation/india-may-adopt-hong-kong-convention-for-green-ship-recycling/articleshow/70693114.cms> India is proposing to frame a new law for ship-recycling in tune with global standards, which will enable it to accede to the Hong Kong Convention that enlists environmentally sound conditions of ship recycling.

IMO's Ballast Water Management Convention to rekindle tonnage scrapping in crude tankers. *Hellenic Shipping News*. 29 August 2019. Available from: <https://www.hellenicshippingnews.com/imos-ballast-water-management-convention-to-rekindle-tonnage-scrapping-in-crude-tankers/> The IMO's Ballast Water Management Convention (BWMC) is likely to rekindle scrapping activity in the crude tanker market in the remainder of 2019, although the real impact of the regulation will be seen only after the implementation of the IMO 2020 regulation on sulphur cap.

SHIPBUILDING & SHIPREPAIR

Ports of Auckland buys world first electric tug. *Ports of Auckland*. 5 August 2019.

Available from: <http://www.poal.co.nz/media/ports-of-auckland-buys-world-first-electric-tug> Ports of Auckland has signed a contract with Dutch company Damen Shipyards to buy the world's first full-size, fully electric port tug.

Asahi Tanker, Exeno Yamamizu, MOL and MC Agree on Strategic Partnership To Develop Zero-emission Fully Electric Vessels. *Mitsui O.S.K. Lines (MOL)*. 6 August 2019. Available from: <https://www.mol.co.jp/en/pr/2019/19050.html> Asahi Tanker Co., Ltd., Exeno Yamamizu Corporation, Mitsui O.S.K. Lines Ltd., and Mitsubishi Corporation today announced their agreement to create a strategic partnership to provide new infrastructure services in the marine shipping industry that focus on electrically powered vessels.

Ferries need to be updated or replaced, experts warn. *Ekathimerini (Greece)*. 8 August 2019. Available from: <http://www.ekathimerini.com/243407/article/ekathimerini/business/ferries-need-to-be-updated-or-replaced-experts-warn> Greece's coastal shipping fleet is old and environmentally unsound, and needs to be replaced with the assistance of local and European Union authorities, XRTC Business Consultants says in its latest report on the sector.

Shipping Corporation change course on retro-fitting scrubbers on its ships. P Manoj. *The Hindu (India)*. 12 August 2019. Available from: <https://www.thehindubusinessline.com/economy/logistics/shipping-corporation-change-course-on-retro-fitting-scrubbers-on-its-ships/article28988675.ece> State-run Shipping Corporation of India Ltd, will not install exhaust gas cleaning systems or scrubbers on any of its ships, and will use low sulphur fuel to comply with an impending global rule aimed at cutting emissions from ships.

23 container ships are currently getting scrubbers installed. Trine Vestergaard. *ShippingWatch*. 14 August 2019. Available from: <https://shippingwatch.com/secure/carriers/Container/article11550745.ece> At this moment, 23 container ships are at yards having scrubbers installed, and 17 of these have a capacity exceeding 7,500 teu.

World's Biggest Oil Tanker Sails for Fuel-Storage Zone. *Hellenic Shipping News*. 14 August 2019. Available from: <https://www.hellenicshippingnews.com/worlds-biggest-oil-tanker-sails-for-fuel-storage-zone/> The world's biggest oil tanker has begun a 12,400-mile voyage to a fuel-storage zone in Asia, the latest movement of a vessel that's intrigued the shipping market and fuel traders for months.

Shipping takes aim at battery-powered future. Lee Hong Liang. *Seatrade Maritime News*. 16 August 2019. Available from: <https://www.seatrade-maritime.com/news/asia/shipping-takes-aim-at-battery-powered-future/> Ocean-going vessels going on full electric propulsion may still not be a foreseeable scenario at least in the near future.

Delays to scrubber retrofits mounting. Sam Chambers. *Splash 247.com*. 16 August 2019. Available from: <https://splash247.com/delays-to-scrubber-retrofits-mounting/> Lawyers are set to be one of the main early beneficiaries from the start of the global sulphur cap with Splash receiving multiple reports from across the world of shipyards falling far behind in their scrubber retrofitting schedules.

Samsung bags eleventh LNG carrier order for 2019. Dale Wainwright. *TradeWinds*. 16 August 2019. Available from: <https://www.tradewindsnews.com/gas/samsung-bags-eleventh-lng-carrier-order-for-2019/2-1-655325> Samsung Heavy Industries has secured a newbuilding contract for an LNG carrier taking its tally for the year to 11 ships.

The Lloyd's List Podcast: Shipping's hydrogen future. *Lloyd's List*. 16 August 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1128805/The-Lloyds-List-Podcast-Shippings-hydrogen-future> CMB's chief executive Alexander Saverys believes that hydrogen offers shipping's best bet to reach a zero-carbon future and he is investing heavily to that end.

World's largest container ship completes first voyage from Asia to Europe. *Mediterranean Shipping Company (MSC)*. 19 August 2019. Available from: <https://www.msc.com/gbr/press/press-releases/2019-august/world-s-largest-container-ship-completes-first-voy> MSC Mediterranean Shipping Company today announced that MSC Gülsün, the world's largest container ship, has arrived in Europe after completing its landmark maiden voyage from the north of China.

World's largest electric ferry enters service in Denmark. Sam Morgan. *EurActiv*. 19 August 2019. Available from: <https://www.euractiv.com/section/shipping/news/worlds-largest-electric-ferry-enters-service-in-denmark/> An all-electric ferry, purported to be the world's largest, completed its first voyage between two Danish islands last week, as the shipping sector gears up for strict new emission laws due to take effect in 2020.

Industry welcomes second-generation low emission methanol-fuelled vessels. *Ship Management International*. 21 August 2019. Available from: <http://shipmanagementinternational.com/industry-welcomes-second-generation-low-emission-methanol-fuelled-vessels/> Waterfront Shipping Company, a wholly owned subsidiary of Methanex Corporation, and Marinvest/Skagerack Invest (Marinvest) have welcomed two new innovative, clean-burning vessels, Mari Couva and Mari Kokako, to the Waterfront Shipping fleet.

Contract advances first LNG bunker vessel for Norway. John Snyder. *LNG World Shipping*. 28 August 2019. Available from: <https://www.rivieramm.com/news-content-hub/contract-advances-first-lng-bunker-vessel-for-norway-56029> Norway's Bergen Tankers has awarded a contract to Høglund Gas Solutions to deliver a cargo handling system to convert a fuel oil bunkering vessel into an LNG bunkering vessel – the first such vessel based in Norway.

SHIPPING

How will autonomy shape the UK shipping industry? Varsha Saraogi. *Ship-technology.com*. 30 July 2019. Available from: <https://www.ship-technology.com/features/how-will-autonomy-shape-the-uk-shipping-industry/> A roundtable event organised by Thales, 'Charting a course to autonomy - what is the future of the UK maritime industry?' discussed the many challenges and future prospects of using AI and autonomous ships.

UK flag threatened by Hormuz conflict in addition to Brexit. Simon Valeur. *ShippingWatch*. 30 July 2019. Available from: <https://shippingwatch.com/secure/carriers/article11524077.ece> The British flag's reputation is under major pressure as of late, warns the UK Chamber of Shipping.

Why is shipping so slow to digitalise? Richard Clayton. *Lloyd's List*. 30 July 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1128436/Why-is-shipping-so-slow-to-digitalise> Shipping leaders understand that digitalisation is important, but obstacles still stand in the way of full-scale roll-outs.

Global Shipping Industry Delivers Comments to Official Consultation on Proposed Modifications to Panama Canal Tolls. *Hellenic Shipping News*. 31 July 2019. Available from: <https://www.hellenicshippingnews.com/global-shipping-industry-delivers-comments-to-official-consultation-on-proposed-modifications-to-panama-canal-tolls/> The Panama Canal Authority (ACP) is conducting a public consultation on a proposal to adjust the Panama Canal tolls for containerships, vehicle carriers, dry bulk carriers, tankers, chemical carriers, LPG and LNG vessels, passenger vessels and small vessels.

BMS United Launches IMO2020 Fuel Availability Tool. *Ship & Bunker*. 31 July 2019. Available from: <https://shipandbunker.com/news/world/782501-bms-united-launches-imo2020-fuel-availability-tool> With less than six months to go before the new global 0.5% sulfur cap comes into force, BMS United has launched a new tool to show which markets will have availability of the new IMO2020 grade bunker fuels.

Investors getting nervous about IMO 2020 tanker pitch. Greg Miller. *Freight Waves*. 31 July 2019. Available from: <https://www.freightwaves.com/news/investors-getting-nervous-about-imo-2020-tanker-upside> It's either the calm before the IMO 2020 storm or the calm before a 'goose egg' for tanker owners and their investors.

Baltic Exchange starts tracking shipping emissions. Sam Chambers. *Splash 247.com*. 1 August 2019. Available from: <https://splash247.com/baltic-exchange-starts-tracking-shipping-emissions/> In a huge departure from its 265-year heritage of providing freight rate data, the Baltic Exchange is partnering with a spatial big data company to create a platform with an initial focus on shipping emissions.

Finnlines calculated passenger-specific route CO2 emissions. *Finnlines Plc*. 1 August 2019. Available from: <https://www.finnlines.com/newsroom/finnlines-calculated-passenger-specific-route-co2-emissions> Passenger-specific carbon-dioxide figures for 2018 have been calculated on Finnlines' passenger routes, Naantali–Kapellskär, Malmö–Travemünde and Helsinki–Travemünde.

Maersk advances PBF Logistics clean bunker fuel supply deal by two months. Janet McGurty. *S&P Global Platts*. 1 August 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/080119-maersk-advances-pbf-logistics-clean-bunker-fuel-supply-deal-by-two-months> PBF Logistics' agreement to supply shipper A.P. Moller-Maersk with low sulfur bunker fuel will start in October, a company executive said Thursday.

Ardmore Shipping: IMO 2020 fuels still 'very limited in quantity'. *Manifold Times (Singapore)*. 2 August 2019. Available from: <https://www.manifoldtimes.com/news/d/ardmore-shipping-imo-2020-fuels-still-very-limited-in-quantity> New York-listed product and chemical tanker shipping firm Ardmore Shipping on Wednesday noted the refining industry starting to make preparations for the production of IMO 2020 compliant marine fuels before the deadline of 1 January 2020.

The 340-Mile Line of Ships Waiting to Clean Up Their Act. Alex Longley, Jack Wittels and Firat Kayakiran. *Bloomberg*. 2 August 2019. Available from: <https://www.bloomberg.com/news/articles/2019-08-01/the-340-mile-line-of-ships-that-are-getting-scrubbers-fitted> Head to the shipyards of Shanghai, Singapore or Hamburg and you'll soon find them full to the brim with vessels rushing to clean up their act.

Environmentalists balk at Carnival's pollution control plan for Charleston, other ports.

David Wren. *Post and Courier (US)*. 4 August 2019. Available from: <https://bit.ly/2lynIYM>
The company that keeps its Sunshine pleasure ship at Union Pier Terminal in downtown Charleston is defending its use of scrubbers to comply with global emissions standards that begin in 2020.

MOL Led to Launch a Working Group for Zero Emission Alternative Fuel - Project Aims to Reduce GHGs Emissions across Industries. *Mitsui O.S.K. Lines (MOL)*. 5 August 2019.

Available from: <https://www.mol.co.jp/en/pr/2019/19049.html> MOL President & CEO, Junichiro Ikeda today announced that it has joined the Carbon Capture & Reuse Study Group (Note 1) and launched the "Cross-industrial Working Group Related to Zero Emission Alternative Ship Fuels."

Danaos expects boost from trade war and sulfur cap. Simon Valeur. *ShippingWatch*.

6 August 2019. Available from:

<https://shippingwatch.com/secure/carriers/Container/article11534665.ece> Greek Danaos grew its profit in the second quarter, when, according to the company's CEO, the charter market for large ships was "strong."

This is the New IMO2020 Ready OceanConnect Marine Bunker Platform. *Ship & Bunker*.

6 August 2019. Available from: <https://shipandbunker.com/news/world/935656-feature-this-is-the-new-imo2020-ready-oceanconnect-marine-bunker-platform> Ocean Connect Marine recently announced a major revision to its online bunker purchase platform to make it "IMO 2020 ready".

Strait of Hormuz: How is the conflict impacting Hapag-Lloyd? *Hapag-Lloyd*. 6 August 2019.

Available from: https://www.hapag-lloyd.com/en/news-insights/insights/2019/08/Strait_of_Hormuz.html The conflict over the free flow of trade through the Strait of Hormuz is one of the hottest issues right now on the global political stage.

Flat batteries may erase your MARPOL data. *Gard*. 6 August 2019. Available from:

<http://www.gard.no/web/updates/content/28113315/flat-batteries-may-erase-your-marpol-data> Port State inspectors compare the Bilge Alarm data to the entries in the Oil Record Book and if that data is unavailable, inspectors may find the vessel deficient.

GeoSpock partners with Baltic Exchange to track air emissions through big data.

Varsha Saraogi. *Ship-technology.com*. 6 August 2019. Available from: <https://www.ship-technology.com/news/geospock-big-data/> Cambridge-based spatial big data company GeoSpock has partnered with maritime market information source Baltic Exchange to create a global maritime spatial database built on the AWS Cloud to focus on reducing air emissions.

Trident Alliance criticizes Indonesia's announced revolt against sulfur cap. Christian Carlsen.

ShippingWatch. 6 August 2019. Available from:

<https://shippingwatch.com/secure/regulation/article11536089.ece> Indonesia will not enforce IMO 2020 when the rules take effect next year.

Maritime conferences slammed. *Splash 247.com*. 6 August 2019. Available from:

<https://splash247.com/maritime-conferences-slammed/> Organisers of maritime conferences have been sent a stern message today to buck up and make their events more relevant and worth people's time.

Greek shipowners say maritime policy makers must do better. Nigel Lowry. *Lloyd's List*.

6 August 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1128682/Greek-shipowners-say-maritime-policy-makers-must-do-better> Reflecting on a 'challenging' past year, Union of Greek Shipowners president Theodore Veniamis says the industry needs stability to compete fairly and meet environmental requirements, yet is about to embark on a new era without even basic assurances.

Shifting from the ocean to the sky: air carriers seek to lure away sea-freight. Jim Wilson.

Freight Waves. 6 August 2019. Available from: <https://www.freightwaves.com/news/shifting-from-the-ocean-to-the-sky-air-carriers-seek-to-lure-away-sea-freight> Aviation freight is experiencing a supply-demand imbalance. Soaring ocean costs because of IMO 2020 could make air freight look less expensive.

MOL and COSCO SHIPPING Energy Transportation Signs a Memorandum of Understanding - facilitating further cooperation for upcoming LNG and Ethane projects.

Mitsui O.S.K. Lines (MOL). 7 August 2019. Available from:

<https://www.mol.co.jp/en/pr/2019/19051.html> The MOU recognizes and further develops the joint cooperation between the two organizations, for future LNG carrier projects and Ethane carrier projects.

2020 Bunker Pricing Pains. Philippa Langton. *Maritime Executive*. 7 August 2019. Available from:

<https://www.maritime-executive.com/editorials/2020-bunker-pricing-pains> With the IMO 2020 regulations approaching, it is important that commercial operators are aware of the potential impact that volatile fuel prices may have on their operations.

IMO 2020 sulphur emission cuts are just the start of the challenge. Michael Tusiani.

TradeWinds. 8 August 2019. Available from: <https://www.tradewindsnews.com/opinion/imo-2020-sulphur-emission-cuts-are-just-the-start-of-the-challenge/2-1-649917> Over the past few years, the world's shipping industry has been focused on the implementation of the IMO-mandated global reduction in sulphur content of fuel oils from 3.5% to 0.5% by next January.

Tanker shipping market to improve on tight tonnage ahead of IMO 2020. Lee Hong Liang.

Seatrade Maritime News. 8 August 2019. Available from: <https://bit.ly/2m1XRZp> The global tanker shipping market may face "greater inefficiencies" in terms of having available tonnage as the IMO 2020 deadline draws near, due mainly to vessels being taken out to install scrubbers, according to Diamond S Shipping.

The weather is getting more extreme – and creates more business. Simon Valeur.

ShippingWatch. 8 August 2019. Available from:

<https://shippingwatch.com/secure/Services/article11537901.ece> In addition to the shipping companies having to fight their way through increasingly powerful storms that delay shipping and shut down ports, bad weather and climate change have also become a lucrative business.

Bullish shipping analysts don't care about the threat of trade armageddon. Firat Kayakiran and Timothy Abington. *American Journal of Transportation (AJOT)*. 8 August 2019. Available from:

<https://www.ajot.com/news/bullish-shipping-analysts-donot-care-about-the-threat-of-trade-armageddon> Across every type oil, gas, coal, iron ore and grain-carrying vessel, industry analysts surveyed by Bloomberg are expecting the rates ships earn to jump sharply next year.

Cyprus Approves Russian Maritime RS. Laxman Pai. *Marine Link*. 8 August 2019. Available from:

<https://www.marinelink.com/news/cyprus-approves-russian-maritime-rs-469348> Russian Maritime Register of Shipping (RS) has signed a new agreement with the Maritime Administration of the Republic of Cyprus (the Cyprus MA).

Update: what we know about the ongoing ‘Tanker War’ between Iran, Britain, US.

Jamey Bergman. *Tanker Shipping & Trade* 8 August 2019. Available from:

<https://www.rivieramm.com/news-content-hub/news-content-hub/what-we-know-about-detained-iranian-tanker-grace-1-55529> Tensions in Middle East shipping lanes have continued to escalate after the US unilaterally pulled out of the joint comprehensive plan of action (JCPOA) nuclear treaty and reimposed sanctions on Iran.

CMB becomes shipping’s hydrogen leader. Sam Chambers. *Splash 247.com*. 9 August 2019.

Available from: <https://splash247.com/cmb-nails-its-future-to-hydrogen/> Compagnie Maritime Belge has well and truly nailed its colours to the mast of hydrogen shipping with a slew of announcements that propel the Saverys family-controlled company to the forefront of this new fuel for shipping.

Bunker Ammonia: Rapid Cross-Sector Progress from Industry, Government, Finance, and Class Societies. Trevor Brown. *Ammonia Energy*. 9 August 2019. Available from:

<https://www.ammoniaenergy.org/bunker-ammonia-rapid-cross-sector-progress-from-industry-government-finance-and-class-societies/> The maritime industry has been engaged in a frenzy of research since April 2018, when IMO announced its Initial GHG Strategy mandating a 50% reduction in shipping’s emissions by 2050.

Clean Arctic Alliance Asks COSCO to Come Clean On Arctic Fuel Choice. *Clean Arctic Alliance*.

12 August 2019. Available from: <https://www.hfofreearctic.org/en/2019/08/12/clean-arctic-alliance-asks-cosco-to-come-clean-on-arctic-fuel-choice/> Responding to reports that the 190m-long COSCO-owned cargo vessel *Tian’en* is due to arrive in the Swedish port of Gävle on August 18, having traversed the Arctic’s Northern Sea Route between the Pacific and the Atlantic.

Empowering Women in the Maritime Community. Baibhav Mishra. *Sea News*. 13 August 2019.

Available from: <https://seanews.co.uk/features/empowering-women-in-the-maritime-community/> There is ample evidence that countries with more gender equality have better economic growth.

Women in maritime: We need all hands on deck. *DCN - Daily Cargo News (Australia)*.

13 August 2019. Available from: <https://www.thedcn.com.au/women-in-maritime-we-need-all-hands-on-deck/> Gender equality in the maritime industry is under the spotlight. Forums and conferences around the world are shining a light on the subject and for this year’s World Maritime Day the International Maritime Organization is putting its weight into empowering women in maritime.

GOGL – Golden Ocean Group Limited and Frontline Ltd. invest in Bunkering Joint Venture with Trafigura. *Golden Ocean Group Limited*. 13 August 2019. Available from:

<https://www.goldenocean.bm/gogl-golden-ocean-group-limited-and-frontline-ltd-invest-in-bunkering-joint-venture-with-trafigura/> Golden Ocean Group Limited and Frontline Ltd. today announced that they have entered into a non-binding term sheet agreement with Trafigura Group (“Trafigura”) to establish a leading global supplier of marine fuels (the “JV”).

India’s Largest Shipping Corporation To Use Low Sulphur Fuel Oil. *Port Technology*

International. 13 August 2019. Available from: <https://www.porttechnology.org/news/indias-largest-shipping-corporation-to-use-low-sulphur-fuel-oil/?cn-reloaded=1> Shipping Corporation of India has unveiled its plans to use low sulphur fuel to comply with an impending IMO rule aimed at cutting emissions from ships.

HSFO availability tightens as sulphur cap nears. Sam Chambers. *Splash 247.com*.

14 August 2019. Available from: <https://splash247.com/hsfo-availability-tightens-as-sulphur-cap-nears/> With 140 days until the start of the International Maritime Organization-mandated global sulphur cap, Splash has been hearing plenty of reports of the supply of heavy sulphur fuel oil (HSFO) becoming more tight, especially in Singapore, the world's top bunkering hub.

More scrubbers or more vessels? Maybe both. Barry Parker. *Seatrade Maritime News*.

14 August 2019. Available from: <https://www.seatrade-maritime.com/dispatches/more-scrubbers-or-more-vessels-maybe-both/> In spite of the 'Dog Days' of summer, second quarter earnings reports from listed companies are in season; unfortunately, they reveal the cooled down and generally chilled nature of investor attitudes regarding the sector.

Shipping firms review earnings amid anxiety over zero emission. Sulaimon Salau.

Guardian (Nigeria). 14 August 2019. Available from: <https://guardian.ng/business-services/maritime/shipping-firms-review-earnings-amid-anxiety-over-zero-emission/> Shipping companies across the world have continued to count their earnings for the half year (H1) 2019, even as they scramble to meet the 2020 deadline for zero emission fuel for vessels.

Watch: Life On Board Australia's Prelude FLNG. *Maritime Executive*. 14 August 2019.

Available from: <https://www.maritime-executive.com/article/watch-life-on-board-australia-s-prelude-flng> Shell has produce a film about living on board the *Prelude* FLNG.

Waterfront says methanol is proven, future-proof fuel. Matt Coyne. *TradeWinds*.

15 August 2019. Available from: <https://www.tradewindsnews.com/tankers/waterfront-says-methanol-is-proven-future-proof-fuel/2-1-653709> The global fleet of methanol-powered ships is growing as the fuel gains traction as an alternative way to meet looming IMO 2020 requirements.

Greece's new PM seeks to make Greek flag more attractive. David Glass. *Seatrade Maritime News*. 15 August 2019. Available from: <https://bit.ly/2ly5eaJ> Greece's newly elected government is determined to make the home flag more attractive to Greek shipowners.

Neste introduces a new IMO2020-compliant low-sulphur marine fuel. *Neste Corporation*.

15 August 2019. Available from: <https://www.neste.com/releases-and-news/neste-introduces-new-imo2020-compliant-low-sulphur-marine-fuel> From January 1, 2020, IMO will enforce a 0.5% global sulphur cap on fuel content for areas currently with 3.5% limit.

Damen Shipyards Cape Town joins Women's International Shipping & Trading Association.

Damen Shipyards Group. 15 August 2019. Available from: https://www.damen.com/en/news/2019/08/dsct_joins_women_s_international_shipping_and_trading_association WISTA is an international networking organisation whose mission is to attract and support women, at the management level, in the maritime, trading and logistics sectors.

Norden feels the heat from Trump's trade war, Brexit and IMO 2020. Nidaa Bakhsh. *Lloyd's List*.

15 August 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1128801/Norden-feels-the-heat-from-Trumps-trade-war-Brexit-and-IMO-2020> The Danish dry bulk and tanker owner is seeing a number of 'hot spots' in both markets this year, which may present challenges. While that is the case, Norden is still confident of meeting overall 2019 profit guidance issued earlier in the year.

Hyundai Mipo celebrates landmark methanol developments. Sam Chambers. *Splash 247.com*.

16 August 2019. Available from: <https://splash247.com/hyundai-mipo-celebrates-landmark-methanol-developments/> Vancouver-based methanol shipping specialist Waterfront Shipping and Swedish shipowner Marininvest today held a naming ceremony for two landmark chemical tankers at Hyundai Mipo Dockyard in South Korea.

Shippers experiment with wind, battery power to navigate tough new rules to combat their role in global warming. Ryan Swift. *South China Morning Post*. 19 August 2019. Available from: <https://www.scmp.com/business/companies/article/3023406/shippers-experiment-wind-battery-power-navigate-tough-new-rules> New rule by the International Maritime Organisation banning high sulphur fuel use by ships has sparked era of huge innovation.

Logistics for the energy revolution: Why shipping has a vital role to play. *Hellenic Shipping News*. 19 August 2019. Available from: <https://www.hellenicshippingnews.com/logistics-for-the-energy-revolution-why-shipping-has-a-vital-role-to-play/> It's widely reported that radical change is taking place in the energy sector.

INDUSTRY OPINION: Challenges of the maritime energy transition. Angela Gillham. *DCN - Daily Cargo News (Australia)*. 20 August 2019. Available from: <https://www.thedcn.com.au/industry-opinion-the-maritime-energy-transition/> SULPHUR 2020 is a game changer – with a little over four months to go until implementation, predictions of the effect range from slight to skyrocketing costs severely impacting on the affordability of moving goods by sea.

LR awards world's first digital type approval to HHI. *Ship Management International*. 20 August 2019. Available from: <http://shipmanagementinternational.com/lr-awards-worlds-first-digital-type-approval-to-hhi/> Hyundai Heavy Industries (HHI) has received type approval from Lloyd's Register (LR) for the network security digital component of its Integrated Smartship Solution (ISS).

Shipping softens towards 'no-deal' after Whitehall Brexit scenario leak. Alexander Whiteman. *The Loadstar*. 21 August 2019. Available from: <https://theloadstar.com/shipping-softens-towards-no-deal-after-whitehall-brexit-scenario-leak/> Optimism is growing across UK shipping after the leak of government documents predicting worst-case scenarios for a no-deal Brexit.

Crisis? What crisis? Shipping sails smoothly on amid world turmoil. Julian Bray. *TradeWinds*. 21 August 2019. Available from: <https://www.tradewindsnews.com/opinion/crisis-what-crisis-shipping-sails-smoothly-on-amid-world-turmoil/2-1-658092> Markets today show greater resilience in the face of political and military shocks than in decades past.

Shell seeks competitive ways to decarbonize shipping. Lucie Roux, Jack Jordan and Thomas Washington. *S&P Global Platts*. 21 August 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/082119-shell-seeks-competitive-ways-to-decarbonize-shipping> Shell is pursuing competitive ways to reduce CO2 emission from ships, including those from oil tankers, it said this week as it signed a charter deal for a fleet of 14 new LNG-powered crude oil and product tankers.

Air is becoming slightly cleaner, while climate foot-print is worsening [Cruise Ship Ranking 2019]. *NABU (Nature and Biodiversity Conservation Union)*. 21 August 2019. Available from: <https://en.nabu.de/news/2019/26855.html> The findings of this year's evaluation demonstrate that only a small proportion of fleets is becoming cleaner, while the industry by large continues to rely on heavy fuels and fails to employ exhaust technology.

Tapping into Digitalisation for Growth and Efficiency. Martin Wallgren. *Hellenic Shipping News*. 22 August 2019. Available from: <https://www.hellenicshippingnews.com/tapping-into-digitalisation-for-growth-and-efficiency/> The shipping industry is no stranger to challenges.

Citigroup's new shipping finance chairman to deepen environmental focus. Jonathan Saul. *Reuters*. 22 August 2019. Available from: <https://reut.rs/2k7Ysbu> Citigroup's veteran shipping finance banker Michael Parker is to become chairman of the bank's shipping & logistics business, a role which will include bolstering the lender's environmental focus in the sector.

Methanol fuel: What you need to know. Paul Gunton. *ShipInsight*. 23 August 2019. Available from: <https://shipinsight.com/articles/methanol-fuel-what-you-need-to-know> Methanol as fuel “is a technology that works,” reported Paul Hexter, president of Waterfront Shipping.

Iran Says *Adrian Darya*’s Oil Cargo Sold. *Tasnim News Agency (Iran)*. 26 August 2019. Available from: <https://www.tasnimnews.com/en/news/2019/08/26/2083644/iran-says-adrian-darya-s-oil-cargo-sold> Iran has sold the cargo of oil carried by *Adrian Darya*, a supertanker recently released by Gibraltar, spokesman for the Iranian administration said Monday.

Women in the Global Maritime Industry. Zaeem Hassan Mehmood. *Modern Diplomacy*. 27 August 2019. Available from: <https://moderndiplomacy.eu/2019/08/27/women-in-the-global-maritime-industry/> Policies to foster the advancement and empowerment of women have been on the agenda of several international organisations.

ISA launches new DeepData initiative to mark its 25th anniversary. Makereta Komai. *Pacific Islands News Association (PINA)*. 27 August 2019. Available from: <http://www.pina.com.fj/?p=pacnews&m=read&o=15012729645d65cfee514ac714b398> The International Seabed Authority (ISA) has launched its new database initiative, DeepData, collected from its exploration activities in the international seabed area for the past 25 years.

Take part in ‘Maritime and Me’ campaign to highlight women in the maritime sector. *Maritime UK*. 27 August 2019. Available from: <https://www.maritimeuk.org/media-centre/news/news-take-part-maritime-and-me-campaign-highlight-women-maritime-sector/> Maritime UK, working alongside the Department for Transport (DfT) and Institute of Chartered Shipbrokers (ICS) have a launched a new ‘Maritime and Me’ campaign to profile women in maritime and encourage girls to join the sector.

Shipping divided on Macron’s go-slow movement. Sam Chambers. *Splash 247.com*. 28 August 2019. Available from: <https://splash247.com/shipping-divided-on-macrons-go-slow-movement/> Shipping is divided on French president Emmanuel Macron’s call on Saturday to legislate for a global speed limit for ships.

Slow boat to China: cargo ships urged to cut speed and pollution. *France 24*. 28 August 2019. Available from: <https://www.france24.com/en/20190828-slow-boat-to-china-cargo-ships-urged-to-cut-speed-and-pollution> Moving cargo ships into the slow lane, an idea French President Emmanuel Macron floated at the G7 summit in Biarritz, would be one way to cut maritime transport’s giant carbon emissions footprint.

Shipping on the agenda at G7. Craig Jallal. *Tanker Shipping & Trade*. 28 August 2019. Available from: <https://www.rivieramm.com/opinion/opinion/shipping-on-the-agenda-at-g7-56020> President Macron of France is using shipping and slow steaming to polish his credentials as a politician that cares about greenhouse gases and the environment.

Report: U.S. cyberattack degraded Iran’s ability to target shipping. *Maritime Executive*. 28 August 2019. Available from: <https://www.maritime-executive.com/article/report-u-s-cyberattack-degraded-iran-s-ability-to-target-shipping> Recent American cyberattacks on an Iranian intelligence group were successful in reducing Iran’s capability to attack merchant shipping, American officials told the New York Times in a report published Monday.

Caribbean under the spotlight: CSA at TOC Americas 2019. *MundoMaritimo*. 28 August 2019. Available from: <https://mundomaritimo.net/noticias/caribbean-under-the-spotlight-csa-at-toc-americas-2019> The upcoming nineteenth version of the TOC Americas event in Colombia has the industry’s eyes set on the Caribbean region.

Sanctions proving ‘extremely challenging’ for industry despite transparency tools.

Anastassios Adamopoulos. *Lloyd’s List*. 28 August 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1128955> © Sanctions monitoring can be “extremely challenging” for companies in the shipping industry, but the technology available that makes operations more transparent and proactive measures can minimise potential damage, experts are warning.

New era of financing in the maritime sector. Charles Haine. *Port Strategy*. 29 August 2019.

Available from: <https://www.portstrategy.com/news101/insight-and-opinion/the-environmentalist/new-era-of-financing-in-the-maritime-sector> While the media steers us towards the soap opera of turmoil in governing and geopolitics, in the UK at least, some positive initiatives are flowing into the marine space.

Minister praises Durban shipbuilding company for empowering women in maritime.

Bukeka Silekwa. *IOL - Independent Online (South Africa)*. 29 August 2019. Available from: <https://www.iol.co.za/dailynews/news/kwazulu-natal/watch-minister-praises-durban-shipbuilding-company-for-empowering-women-in-maritime-31473674> 📰 The Deputy Minister of Transport, Dikeledi Magadzi has praised the Durban based Southern African Shipyards (SAS) for making giant strides in empowering women in maritime.

Denmark kicks off Girl Power maritime recruitment campaign. Sam Chambers. *Splash 247.com*.

30 August 2019. Available from: <https://splash247.com/denmark-kicks-off-girl-power-maritime-recruitment-campaign/> September will see Danish maritime authorities target more women for recruitment into the shipping sector.

RESEARCH

Heffernan O. **Seabed mining is coming — bringing mineral riches and fears of epic extinctions.** *Nature*. 24 July 2019. Available from: <https://www.nature.com/articles/d41586-019-02242-y> Plans are advancing to harvest precious ores from the ocean floor, but scientists say that companies have not tested them enough to avoid devastating damage.

Blanchard C, Durussel C, et al. **Socio-ecological resilience and the law: Exploring the adaptive capacity of the BBNJ agreement.** *Marine Policy*. 25 July 2019. Available from: <http://www.sciencedirect.com/science/article/pii/S0308597X19303641> In search for sustainability of the oceans, the concept of resilience arises as a necessary perspective from which to analyse what course of action to take.

Leaper R. **The Role of Slower Vessel Speeds in Reducing Greenhouse Gas Emissions, Underwater Noise and Collision Risk to Whales.** *Frontiers in Marine Science*. 16 August 2019. Available from: <https://www.frontiersin.org/articles/10.3389/fmars.2019.00505/full> Reducing speeds across shipping fleets has been shown to make a substantial contribution to effective short term measures for reducing greenhouse gas (GHG) emissions, working toward the goal adopted by the International Maritime Organization (IMO) in April 2018 to reduce the total annual GHG emission by at least 50% by 2050 compared to 2008.

Crespo GO, Dunn DC, et al. **High-seas fish biodiversity is slipping through the governance net.** *Nature Ecology & Evolution*. 26 August 2019. Available from: <https://doi.org/10.1038/s41559-019-0981-4> States at the United Nations have begun negotiating a new treaty to strengthen the legal regime for marine biodiversity in areas beyond national jurisdiction.

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maritimeknowledgecentre@imo.org

About the cover

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