



Maritime Knowledge Centre (MKC)

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE (MKC) *“Sharing Maritime Knowledge”*

CURRENT AWARENESS BULLETIN

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

maritimeknowledgecentre@imo.org



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 MKC Current Awareness Bulletin (CAB) is compiled 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

Day of the Seafarer campaign (25th June): #SupportSeafarersWellbeing

Seafarers are the unsung heroes of shipping, the industry on which everyone, everywhere relies for the goods and commodities we all need and want. But it's a tough and demanding job which sometimes can put pressure on mental health.

This is why, this year, in 2018, IMO is joining the growing momentum within shipping to address the important issue of seafarers' wellbeing. [Full Story](#) [Day of the Seafarer 2018](#)

Poland's World Maritime Day Parallel Event

How to create better shipping for a better future was a theme running throughout the 2018 IMO World Maritime Day Parallel Event (13-15 June), held in Szczecin, Poland. [Full Story](#)

Special event on ports and Symposium on port security operations

Global trade by sea is dependent on the interconnection between ships, ports and people - and everyone needs to be involved, from port operators, to regulators, to maritime security experts and innovators in technology. The theme of mutual cooperation and collaboration was highlighted throughout a special event on ports, held at IMO Headquarters (11 June). The Event was supported by IMO Secretary-General Kitack Lim, in collaboration with the International Association of Ports and Harbors. (IAPH).

[Full Story](#) (includes presentations and audio files of the debate)

IMO MEETINGS FOR 2018

Technical Cooperation Committee, 68th session, 18 - 20 June 2018
[Facilitation Committee \(FAL\), 42nd session](#) 5 - 8 June 2018

LATEST PRESS BRIEFINGS

[MEPSEAS project launched to protect South-East Asia marine environment](#)
Briefing: 11, June 26, 2018

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

[International Harbour Masters' Association \(IHMA\) Congress 2018](#)
London, 25 - 28 June 2018

[6th Analyst & Investor Capital Link Shipping Forum \(part of Posidonia 2018 seminars\)](#)
Piraeus, 4 June 2018

Posidonia 2018 - [Opening](#) Address, 4 June 2018

IMO NEWS MAGAZINE [\(Spring 2018\)](#)

IMO PUBLISHING [Just Published: 2018](#) [June 2018 Newsletter](#)

UNITED NATIONS

Countries back 'ambitious and comprehensive' reform of UN development system.

UN News. 31 May 2018. Available from: <https://news.un.org/en/story/2018/05/1011111> The UN Secretary-General said the reform package paved the way for a new era of "national ownership" of development, supported by the whole UN system, in a tailored fashion, allowing countries to pursue sustainable economic and social development.

New report offers global outlook on efforts to beat plastic pollution. *United Nations Environment Programme (UNEP)*. 5 June 2018. Available from: <https://bit.ly/2JIPP48> A new report by UN Environment examines the state of plastic pollution in 2018.
[Single-use Plastics: A Roadmap for Sustainability](#)

The world is being 'swamped' by harmful plastic waste says UN chief, marking Environment Day. *UN News*. 4 June 2018. Available from: <https://news.un.org/en/story/2018/06/1011351> In his message marking the day on 5 June, he said a healthy planet was essential for a prosperous and peaceful future, spelling out that: "We all have a role to play in protecting our only home."

World Oceans Day 2018 @ The United Nations. *United Nations*. 8 June 2018. Available from: <https://unworldoceansday.org/index.php/event/world-oceans-day-2018-united-nations> World Oceans Day 2018 will be marked by a celebratory panel discussion entitled "Clean our Ocean: Youth and Innovation."

UN Global Compact launches new action platform for Sustainable Ocean Business and development. *UN Global Compact*. 8 June 2018. Available from: <https://www.unglobalcompact.org/news/4387-06-08-2018> Friday, on World Oceans Day, the United Nations Global Compact launched the newly formed Sustainable Ocean Business Action Platform - a three-year global programme bringing together business, civil society, the UN and Governments to advance the ocean economy and sustainable development.

As Security Council imposes sanctions on six human traffickers in Libya, UN chief calls for more accountability. *UN News*. 8 June 2018. Available from: <https://news.un.org/en/story/2018/06/1011751> Those now subject to asset freezes, and a travel ban, under Council sanctions resolutions and measures relating to Libya, include the head of a regional coast guard unit in Libya, according to reports, as well as two Eritrean nationals.

At least 2.5 million migrants were smuggled in 2016, first UN global study shows. *United Nations Office on Drugs and Crime (UNODC)*. 13 June 2018. Available from: <https://bit.ly/2u8Yv7J> Migrant smuggling occurred in all parts of the world, generated an income of up to \$7 billion - equivalent to the amount the United States or the European Union spent on humanitarian aid that year - according to the UN agency that fights drugs and crime.
[Global Study on Smuggling of Migrants 2018](#)

UNHCR warns against repeat of *Aquarius* disembarkation standoff as boat arrives in Spain. *United Nations High Commissioner for Refugees*. 17 June 2018. Available from: <https://bit.ly/2NpVsAR> UNHCR, the UN Refugee Agency, applauds Spain for its actions today in bringing to an end a sea-rescue crisis on the Mediterranean after a ship, the *Aquarius*, was refused permission to land and disembark elsewhere more than 600 rescued people.

IOM, UNHCR appeal for region-wide action by EU countries over Mediterranean tragedies. *United Nations High Commissioner for Refugees*. 27 June 2018. Available from: <http://www.unhcr.org/uk/news/press/2018/6/5b33d8bf4> Concerned with the ongoing human tragedy in which almost 1,000 refugees and migrants have perished while being smuggled across the Mediterranean this year, UNHCR, and IOM, the UN Migration Agency, are today appealing to European Union countries for concerted, region-wide action to greatly reduce needless loss of life.

CASUALTIES

Phenolic compounds blamed for Houston bunker woes. By Gary Dixon. *TradeWinds*. 31 May 2018. Available from: <http://www.tradewindsnews.com/tankers/1502694/phenolic-compounds-blamed-for-houston-bunker-woes> A US testing company believes it has found the cause of a fuel problem that led to more than 80 ships experiencing mechanical issues after bunkering in Houston.

Maersk Honam completes cargo discharging at Jebel Ali. *World Maritime News*. 1 June 2018. Available from: <https://worldmaritimeneews.com/archives/253992> The ultra large boxship, which was hit by a serious fire on March 6, berthed at Jebel Ali port on Sunday, 27 May, after spending over two months at sea.

What's wrong with this system? By Nidaa Bakhsh. *Lloyd's List*. 31 May 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1122820/Whats-wrong-with-this-system> Investigation reports into shipping accidents can take an awfully long time for a variety of legitimate reasons such as the availability of witnesses, the difficulty of root cause determination, and the fear of being used in criminal or civil prosecution, among others.

Flag states failing to meet casualty reporting rules. By Nidaa Bakhsh. *Lloyd's List*. 31 May 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1122802/Flag-states-failing-to-meet-casualty-reporting-rules> Over half of all casualty reports arising from serious shipping incidents in the last four years are yet to be published, an investigation by Lloyd's List can reveal.

Yang Ming Containership loses 83 containers in heavy seas off Australia. By Mike Schuler. *gCaptain*. 1 June 2018. Available from: <http://gcaptain.com/yang-ming-containership-loses-83-containers-in-heavy-seas-off-australia/> A Yang Ming containership has lost more than 80 containers overboard while battling heavy swells off the east coast of Australia.

Intercargo: Name and shame accident investigation report laggards. By Helen Kelly. *Lloyd's List*. 3 June 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1122850/Intercargo-Name-and-shame-accident-investigation-report-laggards> Countries that fail to file accident investigation reports with industry regulator the International Maritime Organization should be named and shamed, Intercargo chairman John Platsidakis said.

Marine Accident Report-Fire aboard Roll-on/Roll-off Passenger Vessel *Caribbean Fantasy*, Atlantic Ocean, 2 Miles Northwest of San Juan, Puerto Rico, August 17, 2016. *US National Transportation Safety Board (NTSB)*. 5 June 2018. Available from: <https://www.nts.gov/news/events/Pages/2018-DCA16FM052-BMG.aspx> The National Transportation Safety Board met to determine the probable cause of a fire aboard Roll-on/Roll-off Passenger Vessel *Caribbean Fantasy*, Atlantic Ocean, 2 Miles Northwest of San Juan, Puerto Rico, August 17, 2016. [Abstract of Findings & Probable Cause](#)

Crewman killed in tanker blast. By Gary Dixon. *TradeWinds*. 14 June 2018. Available from: <http://www.tradewindsnews.com/casualties/1512158/crewman-killed-in-tanker-blast> A seafarer has died in an explosion on an Indian-managed tanker that had stopped for repairs off Cochin.

Cargo vessel suffers explosion, fire off Kolkata. *World Maritime News*. 14 June 2018. Available from: <https://worldmaritimeneews.com/archives/254910> There were no reports of an oil spill in the area, according to the Indian Coast Guard, however, relevant parties are on stand-by in case an oil slick is spotted.

'Political monster' casualties more expensive because of unlimited liability. By David Osler. *Lloyd's List*. 14 June 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1123023/Political-monster-casualties-more-expensive-because-of-unlimited-liability> Political interference can make casualties covered by P&I clubs ready to take on unlimited liability more expensive than would have been the case had they been insured commercially, an industry audience has been told.

8 crew evacuated from sinking Turkish freighter off Croatia. *World Maritime News*.

17 June 2018. Available from: <https://worldmaritimenews.com/archives/254981> The distress call was sent early Sunday morning at around 04.00 a.m. after the ship started taking on water, which flooded the ship's engine room.

VIDEO: SSL Kolkata anchored as fire extinguished. By Gary Dixon. *TradeWinds*. 18 June 2018.

Available from: <http://www.tradewindsnews.com/casualties/1514132/video-ssl-kolkata-anchored-as-fire-extinguished> Indian marines have anchored a drifting boxship that was hit by fire off Haldia last Thursday.

Shipowner in USS McCain collision sues to limit liability. *Maritime Executive*. 18 June 2018.

Available from: <https://www.maritime-executive.com/article/shipowner-in-uss-mccain-collision-sues-to-limit-liability> On August 21, 2017, ten U.S. Navy sailors were killed when watchstanders aboard USS *McCain* lost situational awareness and collided with the tanker *Alnic MC* off Singapore

Damaged Turkish cargo ship on its way to Croatian shipyard. *Hellenic Shipping News*.

19 June 2018. Available from: <https://www.hellenicshippingnews.com/damaged-turkish-cargo-ship-on-its-way-to-croatian-shipyard/> The Turkish cargo ship that suffered damage near Jabuka island off southern Croatia on Sunday morning will be dragged to the Trogir shipyard during the night, Split maritime police commissioner Joso Vujic told the media.

Rescuers hunt for victims of ferry disaster on Indonesian supervolcano lake. By Tabita Diela and Jessica Damiana. *Reuters*. 19 June 2018. Available from: <https://www.reuters.com/article/us-indonesia-ferry/rescuers-hunt-for-victims-of-ferry-disaster-on-indonesian-supervolcano-lake-idUSKBN1JF054> The search for victims of a ferry that sank in the lake of an ancient supervolcano crater in Indonesia will resume on Wednesday with divers and an underwater drone to scour the depths for at least 128 missing passengers.

Grounded tanker breaks up off Kaohsiung. *Maritime Executive*. 19 June 2018. Available from:

<https://www.maritime-executive.com/article/grounded-tanker-breaks-up-off-kaohsiung#gs.kwsiUS8> The product tanker *Shine Luck*, which grounded off Kaohsiung, Taiwan during a storm last week, has broken up.

Singapore waters see significant drop in 'major incidents' over last 10 years. By Marcus

Hand. *Seatrade Maritime News*. 20 June 2018. Available from: <http://www.seatrade-maritime.com/news/asia/singapore-waters-see-significant-drop-in-major-incidents-over-last-10-years.html> Speaking at the opening of the International Safety@Sea Conference, Lam Pin Min, Singapore Senior Minister of State for Transport said that safety of sea was a critical area of focus for the country with 830,000 vessel movements last year.

Number missing in Indonesia ferry disaster jumps again to 192: official. By Lazuardy Fahmi.

Jakarta Post. 21 June 2018. Available from: <http://www.thejakartapost.com/news/2018/06/21/number-missing-in-indonesia-ferry-disaster-jumps-again-to-192-official.html> As many as 192 passengers could be missing after a ferry sank into the depths of a volcanic lake in Indonesia, the search-and-rescue agency said Wednesday, tripling initial government estimates.

Accident Investigation Report 11/2018: Grounding of general cargo vessel *Ruyter*.

UK Marine Accident Investigation Branch (MAIB). 20 June 2018. Available from: <https://www.gov.uk/maib-reports/grounding-of-general-cargo-vessel-ruyter> At 2311 on 10 October 2017, The Netherlands registered general cargo vessel *Ruyter* ran aground on the north shore of Rathlin Island when the master, who was the watchkeeper left the bridge unattended. [MAIB investigation report 11-2018: Ruyter](#)

Gangway failure leads to marine pilot's death. *Maritime Executive*. 20 June 2018.

Available from: <https://www.maritime-executive.com/article/gangway-failure-leads-to-marine-pilot-s-death#gs.AaHDcIE> Captain Robert Louis Adams, 65, a senior pilot with the Aransas-Corpus Christi Pilots Association, lost his life while boarding a vessel on Saturday.

Drunk master left bridge before grounding. By Gary Dixon. *TradeWinds*. 21 June 2018.

Available from: <http://www.tradewindsnews.com/casualties/1517634/drunk-master-left-bridge-before-grounding> A Dutch general cargoship grounded off the UK last year because its drunk Russian master left the bridge unattended, an accident report has revealed.

Why are ferry accidents common in Indonesia? *Deutsche Welle (Germany)*. 26 June 2018.

Available from: <https://www.dw.com/en/why-are-ferry-accidents-common-in-indonesia/a-44403800> With some 17,000 islands in the vast archipelago, Indonesia is a country that relies heavily on water transportation.

Authorities meet to plan rescue of ship stuck on French Polynesian reef. *Radio New Zealand*.

26 June 2018. Available from: <https://www.radionz.co.nz/international/pacific-news/360483/authorities-meet-to-plan-rescue-of-ship-stuck-on-french-polynesian-reef> French and French Polynesian authorities have held an urgent meeting as plans are being drawn up to rescue a large cargo ship stuck on a reef of Raroia in the Tuamotus.

Accident Investigation Report 12/2018: Grounding and loss of commercially operated yacht *CV24*.

UK Marine Accident Investigation Branch (MAIB). 27 June 2018. Available from: <https://www.gov.uk/maib-reports/grounding-and-loss-of-commercially-operated-yacht-cv24> On the first night of the Cape Town to Fremantle leg of the 2017 - 2018 Clipper round the world race, the UK registered and commercially operated yacht *CV24* ran aground on Cape Peninsula, South Africa. [Full Report](#) [Annexes](#)

Port of Rotterdam fuel oil spill - a stark reminder of risks to Arctic ecosystems.

By Clean Arctic Alliance. *Hellenic Shipping News*. 27 June 2018. Available from: <https://www.hellenicshippingnews.com/port-of-rotterdam-fuel-oil-spill-a-stark-reminder-of-risks-to-arctic-ecosystems/> On Saturday 23 June 2018, a collision between a tanker and the jetty in the Port of Rotterdam - Europe's biggest seaport, resulted in a heavy fuel oil (HFO) spill.

ENVIRONMENT

Stanford scientists develop tool to improve fishing efficiency and sustainability.

By Nicole Kravec. *Stanford University (US)*. 30 May 2018. Available from: <https://news.stanford.edu/2018/05/30/new-tool-improves-fishing-efficiency-sustainability/> Worldwide, fishing fleets discard as many as two of every five sea creatures they catch.

The U.N. goal that doesn't get a lot of respect. **By Tim McDonnell.** *National Public Radio (US)*. 31 May 2018. Available from:

<https://www.npr.org/sections/goatsandsoda/2018/05/31/614493772/the-u-n-goal-that-doesnt-get-a-lot-of-respect> Of the U.N.'s 17 goals to make the world a better place by 2030, one goal gets much less respect than the others.

Listening to Leaders 2018: Is development cooperation tuned-in or tone-deaf?

By Samantha Custer, Matthew DiLorenzo, Takaaki Masaki, Tanya Sethi, and Ani Harutyunyan. *AidData at the College of William & Mary*. 31 May 2018. Available from:

<http://aiddata.org/publications/listening-to-leaders-2018> Do leaders, citizens and donors agree on the most important development challenges that need to be solved in the countries where they work? [Executive Summary](#) [Main Report](#)

As the EU weighs a ban on single-use plastics, these European countries are moving ahead.

United Nations Environment Programme (UNEP). 31 May 2018. Available from: <https://www.unenvironment.org/news-and-stories/story/eu-weighs-ban-single-use-plastics-these-european-countries-are-moving-ahead> Earlier this week, the European Commission put forward a proposal to ban almost all single-use plastics.

The missing science: Could our addiction to plastic be poisoning us? *United Nations Environment Programme (UNEP)*. 4 June 2018. Available from:

<https://www.unenvironment.org/news-and-stories/story/missing-science-could-our-addiction-plastic-be-poisoning-us> Many things we didn't know turned out to hurt us.

Quieting the waters. **By Paul Benecki.** *Maritime Executive*. 4 June 2018. Available from:

<https://www.maritime-executive.com/features/quieting-the-waters#gs.w8G31M8> Orcas are charismatic, playful and well-publicized, and they might be British Columbia's best-known animals.

Oceans S.O.S. **By Rhea Suh.** *Natural Resources Defense Council (NRDC)*. 6 June 2018.

Available from: <https://www.nrdc.org/experts/rhea-suh/oceans-sos> This Friday marks World Oceans Day, an opportunity to celebrate the essential bodies of water that cover two-thirds of this place we call home.

World Oceans Day - What it means for the Pacific. *South Pacific Regional Environment Program*

7 June 2018. Available from: <https://sprep.org/news/world-oceans-day-what-it-means-pacific>

8 June, 2018 World Oceans Day has been celebrated each year since 1992.

5 surprising stats show why high seas need protection. **By Liz Karan.** *Pew Charitable Trusts*.

7 June 2018. Available from: <http://www.pewtrusts.org/en/research-and-analysis/articles/2018/06/07/5-surprising-stats-show-why-high-seas-need-protection> Once thought devoid of life, scientists now estimate that the high seas could be home to millions of undiscovered species.

5 ocean success stories to chase away the blues. **By Alex Gray.** *World Economic Forum*.

8 June 2018. Available from: <https://www.weforum.org/agenda/2018/06/5-ocean-success-stories-to-chase-away-the-blues> Earlier this year, a study was published suggesting that humpback whales are making a comeback.

In Seychelles, an innovative approach to marine protection . *United Nations Environment Programme (UNEP)*. 8 June 2018. Available from: <https://www.unenvironment.org/news-and-stories/story/seychelles-innovative-approach-marine-protection> In February 2018 the Government of Seychelles announced the creation of two new areas for marine protection covering 16 per cent (210,000 square kilometres) of its ocean.

Countering hybrid threats in the maritime environment. **By Chris Kremidas-Courtney.** *Maritime Executive*. 11 June 2018. Available from: <https://www.maritime-executive.com/editorials/countering-hybrid-threats-in-the-maritime-environment#gs.fAEwev8> Today, state and non-state actors are challenging nations, institutions, and private companies through a wide range of overt and covert activities targeted at their vulnerabilities.

Decommissioned rigs: Precious marine habitats or giant lumps of ocean waste?
By Joanna Khan. *ABC (Australia)*. 12 June 2018. Available from: <http://www.abc.net.au/news/science/2018-06-13/decommissioned-rigs-precious-marine-habitat-or-more-ocean-waste/9833084> Australia has over 2,000 wells, around 30 platforms and thousands of kilometres of undersea pipeline around its Commonwealth waters.

Climate change has fish moving faster than regulations can keep up. **By Katherine Came.** *University of British Columbia (Canada)*. 14 June 2018. Available from: <https://news.ubc.ca/2018/06/14/climate-change-has-fish-moving-faster-than-regulations-can-keep-up/> The world's system for allocating fish stocks is being outpaced by the movement of fish species in response to climate change, according to a study undertaken by an international team of marine ecologists, fisheries and social scientists, and lawyers.

Fishermen versus North Atlantic right whales: Which group gets priority?
By Elizabeth Fraser. *Canadian Broadcasting Corporation (CBC)*. 18 June 2018. Available from: <https://www.cbc.ca/news/canada/new-brunswick/north-atlantic-right-whales-fishermen-lobster-1.4710442> It's a difficult choice - defend the livelihood of hundreds of fishermen in the Maritimes or protect North Atlantic right whales from extinction as a species.

Project Forward receives 'Most Sustainable Project' award at Maritime2020 Summit in Copenhagen. *Hellenic Shipping News*. 20 June 2018. Available from: <https://www.hellenicshippingnews.com/project-forward-receives-most-sustainable-project-award-at-maritime2020-summit-in-copenhagen/> Project Forward received the Maritime2020 Summit Award for The Most Sustainable Project, "awarded for a project that stood out for its environmentally conscious techniques and processes that ensure sustainability in the maritime industry."

UN Environment, Partners Launch Pacific Marine Climate Change Report Card.
By Leila Mead. *International Institute for Sustainable Development (IISD)*. 21 June 2018. Available from: <http://sdg.iisd.org/news/un-environment-partners-launch-pacific-marine-climate-change-report-card/> 8 June 2018: The UN Environment Programme and partners have launched the first-ever Pacific marine climate change report card, which details climate change impacts on marine and coastal biodiversity, and outlines actions being taken in the region and further responses required.

Greener energy generation alone will not help us reach climate goals. **By Hayley Dunning.** *Imperial College London*. 25 June 2018. Available from: <https://www.imperial.ac.uk/news/186872/greener-energy-generation-alone-will-help/> Transporting goods, heating buildings and manufacturing products all rely on fossil fuels.

Shipping and airline travel must be eliminated in their current forms to stop climate change, scientists warn. **By Josh Gabbattiss.** *The Independent*. 28 June 2018. Available from: <https://ind.pn/2MvLJb4> Airline travel and long-haul shipping are among the "tough-nut" sectors that will require a radical rethink if humanity is to stand any chance of avoiding climate catastrophe.

ENVIRONMENTAL POLLUTION

Shipping container debris washes ashore at Nelson Bay prompting local clean up. By Bellinda Kontominas and Emma Tonkin. *ABC (Australia)*. 3 June 2018. Available from: <http://www.abc.net.au/news/2018-06-03/shipping-container-debris-washes-ashore-at-nelson-bay/9829758> 📰 Nappies, sanitary products and surgical masks were among the flotsam that washed up after 83 containers fell overboard from the *YM Efficiency* on Thursday, about 30 kilometres off the coast of Port Stephens.

Greenpeace expedition finds plastic pollution and hazardous chemicals in remote Antarctic waters. *Greenpeace International*. 6 June 2018. Available from: <https://www.greenpeace.org/international/press-release/16913/greenpeace-expedition-finds-plastic-pollution-and-hazardous-chemicals-in-remote-antarctic-waters/> Laboratory analysis of water and snow samples, gathered during a recent Greenpeace expedition to the Antarctic, has revealed the presence of microplastics and persistent chemicals, respectively, in the majority of samples tested.

Plastic pollution reaches the Antarctic. By Louisa Casson. *Greenpeace International*. 6 June 2018. Available from: <https://www.greenpeace.org/international/story/16917/plastic-pollution-reaches-the-antarctic/> It's not what we wanted to find. [Microplastics and persistent fluorinated chemicals in the Antarctic](#)

World Oceans Day: Noise in Indian seas will double every 10 years, affect marine life. By Badri Chatterjee. *Hindustan Times (India)*. 8 June 2018. Available from: <https://www.hindustantimes.com/mumbai-news/world-oceans-day-noise-in-indian-seas-will-double-every-10-years-affect-marine-life/story-VdqL8yhxYzIGoz4M1fZMpN.html> Ship movement in the Arabian Sea, Bay of Bengal and Indian Ocean will cause noise levels to double every 10 years, affecting marine life, according to a study by Maritime Research Centre (MRC), Pune, under the Indian Maritime Foundation that was released a day before the World Oceans Day (June 8).

Preventing plastic pollution from ships. By Stefan Micallef. *Global Cause*. June 2018. Available from: <http://www.globalcause.co.uk/plastic/preventing-plastic-pollution-from-ships> 📰 "Keep it onboard until it can be disposed of properly".

How tankers are working to minimise plastics at sea. *Global Cause*. May 2018. Available from: <http://www.globalcause.co.uk/plastic/how-tankers-are-working-to-minimise-plastics-at-sea> Thirty years ago, the International Maritime Organization (IMO) introduced a total prohibition on the disposal of plastics into the seas through its MARPOL Convention.

President of Seychelles shocks G7 meeting with photos of ocean trash. By Betymie Bonnelame. *Seychelles News Agency*. 11 June 2018. Available from: <http://www.seychellesnewsagency.com/articles/9274/President+of+Seychelles+shocks+G+meeting+with+photos+of+ocean+trash> The President of Seychelles, Danny Faure, shocked the leaders of the Group of Seven (G7) nations with photographs of the damage being done to the island nation's Aldabra atoll by plastic pollution and other types of litter coming from the rest of the world.

Finnish president demands Arctic Summit to stop dangerous black carbon emissions. *Independent Barents Observer (Norway)*. 13 June 2018. Available from: <https://thebarentsobserver.com/en/ecology/2018/06/finnish-president-demands-arctic-summit-stop-dangerous-black-carbon-emissions> Niinistö said Finland wants to see "a first-ever Arctic Summit, bringing together the heads of state and government from the eight members of the Council: the United States, Russia, Canada and the five Nordic states," adding that "a firm high-level commitment to reduce black carbon emissions in the Arctic would be welcome news for the environment".

Study reveals underwater noise is reduced when ships slow down, offering new science that could protect at-risk whales. *Port of Vancouver*. 13 June 2018. Available from: <https://www.portvancouver.com/news-and-media/news/study-reveals-underwater-noise-is-reduced-when-ships-slow-down-offering-new-science-that-could-protect-at-risk-whales/> Results released today by the Vancouver Fraser Port Authority-led Enhancing Cetacean Habitat and Observation (ECHO) Program's Vessel Slowdown Trial show that when vessels slow down, underwater noise that may interfere with the ability of whales to feed is reduced.
[ECHO Program: Voluntary Vessel Slowdown Trial](#)

Battling pollution in history's most fabled sea. *United Nations Environment Programme*. 14 June 2018. Available from: <https://www.unenvironment.org/news-and-stories/story/battling-pollution-historys-most-fabled-sea> Were Jason and the Argonauts to set sail now, they would scarcely recognize their original route.

Dead plankton, stunned fish: the harms of man-made ocean noise. By Ivan Couronne. *Phys.Org*. 21 June 2018. Available from: <https://phys.org/news/2018-06-dead-plankton-stunned-fish-man-made.html> Human-caused ocean noise and its dangers to marine life are the focus of meetings at the United Nations this week, a victory for advocacy groups that have long warned of this problem.

London ferries produce same pollution as hundreds of buses and trucks - but are not policed by tough new emission regulations. By Josh Gabbatiss. *The Independent*. 25 June 2018. Available from: <https://www.independent.co.uk/environment/air-pollution-river-thames-boats-transport-shipping-ferries-nitrogen-dioxide-sadiq-khan-a8411561.html> Ferries used by commuters and tourists in the centre of London are spewing out pollution equivalent to hundreds of buses and trucks every day.

New research in biofilms: Fighting nature with nature. By Kira Coley. *MarineLink*. 29 June 2018. Available from: <https://www.marinelink.com/news/new-research-biofilms-fighting-nature-439089> Anti-fouling coatings have the potential to reduce millions of tonnes of greenhouse emissions each year, but the industry is yet to find an effective method that is also environmentally friendly.

HEALTH & SAFETY

Sailors' Society launches Wellness at Sea e-learning. *Sailors' Society*. 21 June 2018. Available from: <https://www.sailors-society.org/about-us/press-room/e-learning/> The e-learning platform opens up the globally renowned course, which until now was only available in a classroom setting, to thousands more seafarers for just \$3(US) per user.

Business needs to act on mental health among the workforce . By Guy Platten. *UK Chamber of Shipping*. 25 June 2018. Available from: <https://www.ukchamberofshipping.com/latest/business-needs-act-mental-health-among-workforce/> Around the world today, the maritime industry is marking the Day of the Seafarer.

Ebola outbreak in Democratic Republic Congo is 'largely contained': WHO. *UN News*. 26 June 2018. Available from: <https://news.un.org/en/story/2018/06/1013122> A total of 55 cases of Ebola have been recorded during the current outbreak of the often-deadly viral infection and 28 people have died, according to the World Health Organization (WHO).

IMO

Aussies urge IMO overhaul. By Anastassios Adamopoulos. *Lloyd's List*. 30 May 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1122800/Aussies-urge-IMO-overhaul> Australia is preparing to call for a root and branch overhaul of the International Maritime Organization, Lloyd's List understands.

Verifavia Shipping warns against overcomplicating EU MRV & IMO DCS regulations. *Hellenic Shipping News*. 1 June 2018. Available from: <https://www.hellenicshippingnews.com/verifavia-shipping-warns-against-overcomplicating-eu-mrv-imo-dcs-regulations/> Verifavia, the world's leading emissions verification company for the transport sector (aviation and shipping), today warned against overcomplicating the European Union's Monitoring, Reporting, and Verification (EU MRV) and International Maritime Organisation's Data Collection System (IMO DCS) regulations.

'The next 30 years will see more change than in the past 100 years': IMO secretary-general. By Sam Chambers. *Splash 247.Com*. 4 June 2018. Available from: <https://splash247.com/next-30-years-will-see-change-past-100-years-imo-secretary-general/> Kitack Lim, secretary general of the International Maritime Organization (IMO), made his pitch today to keep the UN body at the centre of global shipping regulations.

Verifavia shipping first independent verifier authorised by the Panama Maritime Authority for IMO DCS verification services. *Verifavia Shipping*. 6 June 2018. Available from: <https://bit.ly/2kSz4mF> Verifavia, the world's leading emissions verification company for the transport sector (aviation and shipping), announced today during Posidonia 2018, that it has become the first independent verifier authorised by the Panama Maritime Authority to conduct the IMO's Data Collection System (DCS) verification services for vessels registered in Panama.

The IMO data collection system for fuel oil consumption (DCS). *Maritime and Port Authority of Singapore (MPA)*. 13 June 2018. Available from: <https://www.mpa.gov.sg/web/portal/home/port-of-singapore/circulars-and-notice/detail/3db2aa66-5d08-4509-b2fa-185879e36966> The 70th session of the IMO's Marine Environment Protection Committee (MEPC 70) adopted Resolution MEPC.278(70), whereby it is mandatory for ships to collect and report their fuel oil consumption data from 01 January 2019 onwards under MARPOL Annex VI as amended.

World Maritime Days conclude in Szczecin. *Polish Press Agency*. 15 June 2018. Available from: <http://www.pap.pl/en/news/news,1456311,world-maritime-days-conclude-in-szczecin.html> The three-day event was co-organised by the Polish Ministry of Maritime Economy and Inland Navigation and the specialised UN agency, the International Maritime Organisation (IMO).

IMO reform push recruits leading flag states. By Anastassios Adamopoulos. *Lloyd's List*. 15 June 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1123039/IMO-reform-push-recruits-leading-flag-states> Australia's push for reform of the IMO has been boosted by the support of Liberia and the Bahamas, which are the world's third and seventh-largest flag states respectively.

IMO member states must progress on key sulphur cap issues at critical meeting in July. *International Chamber of Shipping (ICS)*. 18 June 2018. Available from: <http://www.ics-shipping.org/news/press-releases/2018/06/18/imo-member-states-must-progress-on-key-sulphur-cap-issues-at-critical-meeting-in-july> The shipping industry - as represented by its international trade associations (BIMCO, ICS, INTERCARGO, INTERTANKO and WSC) - calls on the Member States of the International Maritime Organization (IMO) to make progress on key challenges around the global sulphur cap to avoid compromising safety or unfairly penalising individual ships.

Ukraine successfully passes IMO audit. *Interfax-Ukraine*. 18 June 2018. Available from: <https://en.interfax.com.ua/news/economic/512730.html> Ukraine has successfully passed the International Maritime Organization (IMO) audit, Ukrainian Infrastructure Minister Volodymyr Omelyan has said.

IMO 2020 World Cup. *Ship & Bunker*. 18 June 2018. Available from: <https://shipandbunker.com/news/world/254292-imo-2020-world-cup> With the FIFA World Cup upon us I thought we would take the opportunity to present a world cup themed IMO2020 update looking at the participating countries.

Posidonia 2018 - Coast Guard perspective on IMO 2020 Sulphur Cap. *US Coast Guard Maritime Commons*. 18 June 2018. Available from: <http://mariners.coastguard.dodlive.mil/2018/06/18/6-18-2018-posidonia-2018-coast-guard-perspective-on-imo-2020-sulphur-cap/> Rear Adm. John Nadeau, assistant commandant for prevention policy, represented the U.S. Coast Guard at the Posidonia international shipping conference in Athens, Greece earlier this month and participated in several panel discussions on topics relevant to the international maritime community.

IMO 2020 compliance to be 'chaos' at outset. **By Michael Juliano.** *TradeWinds*. 19 June 2018. Available from: <http://www.tradewindsnews.com/casualties/1515964/imo-2020-compliance-to-be-chaos-at-outset> The International Maritime Organisation's mandate to lower ship exhaust's sulphur content by 2020 may result in temporary turmoil, according to a drybulker owner.

Liberia flag backs Australia's call for IMO reform. **By Vincent Wee.** *Seatrade Maritime News*. 21 June 2018. Available from: <http://www.seatrade-maritime.com/news/europe/liberia-flag-backs-australia-s-call-for-imo-reform.html> Liberia is the largest flag state to support the push by Australia, which will lead to a submission to the IMO Council meeting in July calling into question the existing role of the IMO Council and the IMO Assembly, and seeking to facilitate greater transparency and the wider representation of maritime interests in the IMO.


Change of mindset needed to reach IMO targets - Rolls-Royce's Levander.

By Paul Bartlett. *Seatrade Maritime News*. 22 June 2018. Available from: <http://www.seatrade-maritime.com/news/europe/change-of-mindset-needed-to-reach-imo-targets-rolls-royce-s-levander.html> Shipowners will need to do more than simply tweak existing vessel designs and business models if they are to meet the IMO's ambitious target to reduce greenhouse gas (GHG) by 50%.

Australia is bullish on IMO reform proposal. **By Anastassios Adamopoulos.** *Lloyd's List*.

26 June 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1123171/Australia-is-bullish-on-IMO-reform-proposal> Australia is confident its proposal for fundamental reforms to the International Maritime Organization will receive sufficient support during a council meeting.

Rules to limit climate pollution from shipping can be implemented under existing law.

By Aoife O'Leary and Jennifer Brown. *Environmental Defense Fund (EDF)*. 28 June 2018. Available from: <https://www.edf.org/media/rules-limit-climate-pollution-shipping-can-be-implemented-under-existing-law> The international shipping agency already has the legal authority to implement and enforce policies to achieve its new climate target, according to new analysis published by Environmental Defense Fund and Columbia Law School's Sabin Center for Climate Change Law [The Legal Bases for IMO Climate Measures](#) 

LAW & POLICY

Will the new UAE Maritime Law serve Shipowners? By Jasamin Fichte. *Marasi News (UAE)*. 30 May 2018. Available from: <http://www.marasinews.com/legal-regulations/will-new-uae-maritime-law-serve-shipowners> Geographically, as being in the centre of the World, the UAE is arguably an "ideal" Maritime location.

Ending illegal fish importation. By Eromosele Abiodun. *This Day (Nigeria)*. 31 May 2018. Available from: <https://www.thisdaylive.com/index.php/2018/06/01/ending-illegal-fish-importation/amp/> On 28 October 2016 in Hobart, Australia, the Convention for the Conservation of Antarctic Marine Living Resources agreed to establish the first Antarctic and largest Marine Park in the world encompassing 1.55 million km² (600,000 sq mi) in the Ross Sea.

Indonesia targets illegal fishing vessel owners under new bill. By Basten Gokkon. *Mongabay*. 31 May 2018. Available from: <https://news.mongabay.com/2018/05/indonesia-targets-illegal-fishing-vessel-owners-under-new-bill/> The owners of ships engaged in illegal fishing in Indonesia could finally face criminal justice under proposed amendments to the country's fisheries law, as the government seeks to foster a sustainable industry in one of the world's richest fisheries.

Implications of China's maritime silk road initiative for Singapore. *Asia Insurance Review*. June 2018. Available from: <https://bit.ly/2MTnJyT> China unveiled the concept of the 21st century maritime silk road in 2013 as a development strategy to boost infrastructure connectivity throughout Southeast Asia, Oceania, the Indian Ocean and East Africa.

Ocean Governance and the private sector: White Paper. *World Ocean Council*. June 2018. Available from: <https://www.oceancouncil.org/wp-content/uploads/2018/06/WOC-White-Paper-Ocean-Governance-and-the-Private-Sector-final.pdf> Ocean Governance (OG) is the foundation of rules, institutions, processes, agreements and arrangements based on which economic activities are undertaken

Consultation on recasting the Merchant Shipping (Prevention of Oil Pollution) Regulations. *UK Government*. 1 June 2018. Available from: <https://www.gov.uk/government/consultations/consultation-on-recasting-the-merchant-shipping-prevention-of-oil-pollution-regulations> The purpose of the proposed Regulations is to bring up to date the UK's transposition of the International Maritime Organization's (IMO) International Convention for the Prevention of Oil Pollution from Ships (MARPOL Annex I) into domestic law.

Russia's big-wigs weigh Arctic development plans. By Anna Kireeva and Charles Digges. *Bellona Foundation*. 4 June 2018. Available from: <http://bellona.org/news/arctic/russian-nuclear-icebreakers-fleet/2018-06-russias-big-wigs-weigh-arctic-development-plans> As Russia's state nuclear corporation Rosatom draws closer to gaining nearly exclusive control over the Arctic's storied Northern Sea Route, a number of executives and government officials weighed in on the legal disarray surrounding the route's development.

Sweden will fine sulfur violators upwards of SEK 1 million . By Louise Vogdrup-Schmidt. *ShippingWatch*. 5 June 2018. Available from: <https://shippingwatch.com/secure/carriers/article10661001.ece> Violating the sulfur directive in Swedish waters can now cost upwards of SEK 1 million (USD 114,260), depending on engine size and sulfur content in fuel.

Veniamis blasts lawmakers for misguided focus on shipowners. By Richard Clayton. *Lloyd's List*. 5 June 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1122874/Veniamis-blasts-lawmakers-for-misguided-focus-on-shipowners> Union of Greek Shipowners' president Theodore Veniamis has urged politicians and industry leaders not to take shipping for granted.

Patenting marine genetic resources: Who owns ocean biodiversity? *Science Daily*.

6 June 2018. Available from: <https://www.sciencedaily.com/releases/2018/06/180606143739.htm>

Marine organisms have evolved to thrive in various ocean environments, resulting in unique adaptations that make them the object of commercial interest.

Tackling marine litter: Council agrees its stance on port reception facilities.

Council of the European Union. 7 June 2018. Available from: <https://bit.ly/2sBCr5R> Ships should not gain any financial advantage by dumping waste at sea.

[Proposal for a Directive of the European Parliament and of the Council on port reception facilities for the delivery of waste from ships, repealing Directive 2000/59/EC ...](#)

World Oceans Day: Big expansion of UK's 'blue belt' to curb plastic pollution.

By Russell Hope. *Sky News*. 8 June 2018. Available from: <https://news.sky.com/story/41-more-areas-of-uk-coastline-to-be-protected-under-government-plans-11397698>

The scheme, which coincides with World Oceans Day, comes as Theresa May urges leaders at a G7 summit to do more to tackle plastic pollution - describing it as a "global problem requiring global solutions".

Regulations are being finalised to ban disposal of plastic at sea, says Minister Koonjoo.

Government of Mauritius. 8 June 2018. Available from:

<http://www.govmu.org/English/News/Pages/Regulations-are-being-finalised-to-ban-disposal-of-plastic-at-sea,-says-Minister-Koonjoo.aspx>

The Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping is finalising the Regulations which will be promulgated to give legal force to Annex V of the International Convention for the Prevention of Pollution from Ships (MARPOL) which was signed by Mauritius in 1995.

Ship captain vindicated on safety reporting. **By John Gallagher.** *Fairplay*. 8 June 2018.

Available from: <https://fairplay.ihs.com/safety-regulation/article/4302881/ship-captain-vindicated-on-safety-reporting>

The United States' top federal labour group upheld a whistleblower case involving a ship captain fired for disclosing safety issues to regulators - a case that reveals the disconnect that can exist between company policy and the on-deck reality for vessel crews.

EU budget: Commission proposes a new fund to invest in the maritime economy and support fishing communities. *European Commission*. 12 June 2018. Available from:

http://europa.eu/rapid/press-release_IP-18-4104_en.htm The new European Maritime and Fisheries Fund will continue to support the European fisheries sector towards more sustainable fishing practices, with a particular focus on supporting small-scale fishermen.

Troubled waters: shipping feels the heat of geopolitical crises. **By Eva Grey.**

Ship-Technology.Com. 14 June 2018. Available from: [https://www.ship-](https://www.ship-technology.com/features/shipping-geopolitical-crises/)

[technology.com/features/shipping-geopolitical-crises/](https://www.ship-technology.com/features/shipping-geopolitical-crises/) The international shipping sector has been under intense pressure over the past few years, impacted by concerns about overcapacity, volatile fuel prices, the enforcement of new environmental regulations and the challenges of digitalisation.

Captain of Russian oil tanker fined over £25,000 over safety failures. *UK Maritime & Coastguard Agency*.

14 June 2018. Available from: <http://hmcoastguard.blogspot.com/2018/06/captain-of-russian-oil-tanker-appears.html> The Captain of a Russian oil tanker was fined a total of £25761.99 at Hull Magistrates Court today (14 June 2018) for breaching the International Safety Management (ISM) Code in a prosecution brought by the Maritime & Coastguard Agency (MCA).

Ocean science and policy. *Nature Sustainability*. 14 June 2018. Available from:

<https://doi.org/10.1038/s41893-018-0091-3> Societal commitment to protect our seas has never been higher, but it will not succeed unless coordination across the various regulatory bodies involved is achieved.

Fisheries Minister says local fishermen must take advantage of deep-sea resources.

By Garwin Davis. *Jamaica Information Service.* 14 June 2018. Available from: <https://jis.gov.jm/fisheries-minister-says-local-fishermen-must-take-advantage-of-deep-sea-resources/> Minister of Industry, Commerce, Agriculture and Fisheries, Hon. Audley Shaw, says local fishermen should focus less on nearshore practices and instead take advantage of opportunities offered out in the deep ocean.

Media reports on draft IPCC Special Report on Global Warming of 1.5 °C.

Intergovernmental Panel on Climate Change (IPCC). 14 June 2018. Available from: http://ipcc.ch/news_and_events/st_sr15_fgd.shtml The IPCC notes that news articles have appeared citing the final draft of the Special Report on Global Warming of 1.5 °C.

Discounts for cutting ship emissions. By Chris Ray. *The Australian.* 15 June 2018.

Available from: <https://www.theaustralian.com.au/national-affairs/climate/discounts-for-cutting-ship-emissions/news-story/ecd311c9f84ad6cd0c230e25e3d8415e> Australia's ports are taking steps to encourage shipping to cut greenhouse gas (GHG) emissions, which will have to be halved by 2050 if they are to meet new global targets.

Sustainability and corporate social responsibility. By Craig Jallal. *Tanker Shipping & Trade.*

15 June 2018. Available from: http://www.tankershipping.com/news/view_sustainability-and-corporate-social-responsibility_52152.htm Corporate Social Responsibility (CRS) is the term used to describe policies that ensure companies conduct their business in a way that is ethical.

OW court decision could create difference between foreign and Danish shipowners.

By Katrine Grønvald Raun. *ShippingWatch.* 18 June 2018. Available from: <https://shippingwatch.com/secure/Services/article10694115.ece> Three foreign shipping companies won a case related to price agreements that could create a unique difference going forward.

EU countries off target in fighting climate change. *Climate Action Network Europe.*

18 June 2018. Available from: <http://www.caneurope.org/publications/press-releases/1619-eu-countries-off-target-in-fighting-climate-change> The report, 'Off target: Ranking of EU countries' ambition and progress in fighting climate change', assesses both the role that Member States play in setting ambitious climate and energy targets and policies, and what progress they are making in reducing carbon emissions and promoting renewable energy and energy efficiency at home. [Off target: Ranking of EU countries' ambition and progress in fighting climate change](#)

Executive Order Regarding the Ocean Policy to Advance the Economic, Security, and Environmental Interests of the United States. *The White House.*

19 June 2018. Available from: <https://www.whitehouse.gov/presidential-actions/executive-order-regarding-ocean-policy-advance-economic-security-environmental-interests-united-states/> The ocean, coastal, and Great Lakes waters of the United States are foundational to the economy, security, global competitiveness, and well-being of the United States.

Somalia files its response over maritime boundary dispute with Kenya. By Eliud Kibii.

The Star (Kenya). 19 June 2018. Available from: https://www.the-star.co.ke/news/2018/06/19/somalia-files-its-response-over-maritime-boundary-dispute-with-kenya_c1775159 Somalia on Monday submitted its response to the Indian Ocean (Somalia vs Kenya) maritime delimitation case at the Hague as directed by the court on February 2.

Southern Ocean Conservation Body must lean on science, expert says. *Pew Charitable Trusts.*

19 June 2018. Available from: <http://www.pewtrusts.org/en/research-and-analysis/articles/2018/06/19/southern-ocean-conservation-body-must-lean-on-science-expert-says> The Southern Ocean is one of the last wildernesses on the planet, with abundant marine life that thrives in icy waters and includes species found nowhere else.

Chinese versus western influence in South Pacific maritime . By Michael Grey.

Seatrade Maritime News. 20 June 2018. Available from: <http://www.seatrade-maritime.com/news/asia/chinese-versus-western-influence-in-south-pacific-maritime.html>

They are tiny nation states, which largely depend upon the assistance of their large and prosperous neighbours to help them out with the necessities of modern life.

Trump drowns ocean protections during National Ocean Month . By Chris D'Angelo.

Huffington Post UK. 20 June 2018. Available from: https://www.huffingtonpost.co.uk/entry/trump-ocean-executive-order-national-ocean-month_us_5b2a8ddbe4b0f0b9e9a7e186 The president revoked an Obama-era order aimed at protecting and restoring ocean and coastal health.

New roadmap toward healthier and cleaner oceans adopted by UN Environment and European Commission.

European Commission. 20 June 2018. Available from: <https://europa.eu/capacity4dev/unep/discussions/new-roadmap-toward-healthier-and-cleaner-oceans-adopted-un-environment-and-european> Today, UN Environment and the European Commission agreed to deepen their cooperation through the 2018 Oceans Roadmap 2.0, addressing in particular the threats of pollution and marine litter, in line with UN Environment and EC international commitments and the implementation of ocean related Sustainable Development Goals.

Ukraine - Fines for Dirty Ballast Water - Further Update.

West of England P&I Club. 20 June 2018. Available from: <https://www.westpandi.com/Publications/News/ukraine---fines-for-dirty-ballast-water---further-update/> The Club has published a number of articles previously on the situation in the Ukraine regarding access to vessels for ecological inspectors to check certification and take samples of segregated ballast water for analysis, and the imposition of fines where it is alleged that contaminated ballast water has been discharged.

'It's 2018 and deemed acceptable to treat human beings like cargo'. By Sorcha Pollak.

Irish Times. 20 June 2018. Available from: <https://www.irishtimes.com/news/ireland/irish-news/it-s-2018-and-deemed-acceptable-to-treat-human-beings-like-cargo-1.3537164> Ireland must raise its "humanitarian voice" and call for an urgent solution to European political dispute around asylum procedures and the resettlement of refugees, an Irish nurse aboard a search and rescue ship in the Mediterranean has said.

Our ocean - our future.

Gard. 21 June 2018. Available from: <http://www.gard.no/web/updates/content/25728167/our-ocean-our-future> On 7-8 June 2018, Rolf Thore Roppestad, CEO of Gard, and Live Jacob Sydness, Gard's newly hired Manager for Sustainable Business, participated in the launch of the UN Global Compact Action Platform for Sustainable Ocean Business at the UN Headquarters in New York City.

Paris meeting offers opportunity for leadership on high-seas agreement. By Liz Karan.

EurActiv. 21 June 2018. Available from: <https://www.euractiv.com/section/energy-environment/opinion/paris-meeting-offers-opportunity-for-leadership-on-high-seas-agreement/> Today (21 June) in Paris, government officials from France, Monaco, Spain, and the European Union will join civil society representatives to take another step toward a critical goal—developing an international treaty to protect the high seas.

Foreign Secretary announces UK strategy to protect world's oceans.

UK Government. 22 June 2018. Available from: <https://www.gov.uk/government/news/foreign-secretary-announces-uk-strategy-to-protect-worlds-oceans> The Foreign Secretary Boris Johnson has today [22 June] unveiled an ambitious plan to bring together all of the Government's international oceans work under a single strategy for the first time.

The Government of Canada takes immediate action to protect endangered whales through the Oceans Protection Plan. *Government of Canada.* 22 June 2018. Available from: <https://bit.ly/2JYZFgV> Canada has the longest coastline in the world, serving as home to rich biodiversity and precious ecosystems.

World Bank supports Grenada's transition to a resilient and blue economy. *Government of Grenada.* 25 June 2018. Available from: http://www.gov.gd/egov/news/2018/jun18/25_06_18/item_1/world-bank-supports-grenada-transition-resilient-blue-economy.html The World Bank's Board of Executive Directors approved a US\$30 million Development Policy Credit to support Grenada in strengthening its climate and fiscal resilience and helping the country transition to a blue economy.

Southeast Asian countries zero in on marine protection in Bali meeting. By Ni Komang Erviani. *Jakarta Post.* 26 June 2018. Available from: <http://www.thejakartapost.com/news/2018/06/26/southeast-asian-countries-zero-in-on-marine-protection-in-bali-meeting.html> Delegates from Southeast Asian countries are sharing their experiences in implementing marine environment protection conventions set by the International Maritime Organization (IMO) in a three-day high level meeting in Bali.

Indonesia names captain, three officials as suspects in deadly ferry disaster. *Reuters.* 26 June 2018. Available from: <https://www.reuters.com/article/us-indonesia-ferry/indonesia-names-captain-three-officials-as-suspects-in-deadly-ferry-disaster-idUSKBN1JM0FF> Indonesian police have named four people as suspects in a criminal probe into the sinking of an overloaded ferry on a volcanic lake in which it is believed some 200 people died.

Council conclusions on the revision of the European Union Maritime Security Strategy (EUMSS) Action Plan. *Council of the European Union.* 26 June 2018. Available from: <http://data.consilium.europa.eu/doc/document/ST-10494-2018-INIT/en/pdf> This Action Plan updates and revises the European Union Maritime Security Strategy (EUMSS) Action Plan, dated 16 December 2014.

€566 billion and growing: the EU blue economy is thriving. *European Commission.* 27 June 2018. Available from: https://ec.europa.eu/maritimeaffairs/content/%E2%82%AC566-billion-and-growing-eu-blue-economy-thriving_en European Commissioner for Environment, Maritime Affairs and Fisheries, Karmenu Vella, said: "The EU's blue economy is consistently growing over the last decade and the potential for the future is promising." [2018 Annual Economic Report on EU Blue Economy](#)

Leaked final government draft of UN 1.5C climate report - annotated. By Karl Mathiesen, Megan Darby, and Soila Apparicio. *Climate Home News.* 27 June 2018. Available from: <http://www.climatechangenews.com/2018/06/27/new-leaked-draft-of-un-1-5c-climate-report-in-full-and-annotated/> The 2015 Paris climate deal outlined two distinct goals: Holding the increase in the global average temperature to well below 2C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5C above pre-industrial levels, recognising that this would significantly reduce the risks and impacts of climate change.

European Council, 28-29/06/2018: Main results. *Council of the European Union.* 28 June 2018. Available from: <http://www.consilium.europa.eu/en/meetings/european-council/2018/06/28-29/> The European Council on Thursday 28 June focused on migration. [Conclusions](#) [Infographic - Migration flows: Eastern, Central, and Western Mediterranean routes](#)

MARINE TECHNOLOGY

Fit scrubbers and ballast water management systems now or later? By Craig Jallal.

Tanker Shipping & Trade. 30 May 2018. Available from:

http://www.tankershipping.com/news/view,fit-scrubbers-and-ballast-water-management-systems-now-or-later_51969.htm

Only 7.1% of the global fleet has been fitted with ballast water management systems, and only 300 vessels or 0.3% of the global fleet are known to be fitted with SOx scrubbers.

ClassNK releases guidelines for concept design of Automated Operation/Autonomous Operation of ships.

ClassNK. 1 June 2018. Available from:

https://www.classnk.or.jp/hp/en/hp_news.aspx?id=2921&type=press_release&layout=1

These guidelines incorporate basic elements on concept design safety for automated ship operation systems.

CMA CGM collaborates with a startup, Shone, to embed artificial intelligence on board ships.

CMA CGM. 4 June 2018. Available from: <http://www.cma-cgm.com/news/2060/cma-cgm-collaborates-with-a-startup-shone-to-embed-artificial-intelligence-on-board-ships>

The CMA CGM Group, a leading worldwide shipping Group, is pleased to announce its collaboration, since the beginning of the year, with Shone, a San Francisco-based startup that is specializing in the use of artificial intelligence for maritime transportation.

Airbus collaborates with Wilhelmsen to develop unmanned aircraft systems for maritime deliveries.

Airbus. 5 June 2018. Available from: <http://www.airbus.com/newsroom/press-releases/en/2018/06/airbus-collaborates-with-wilhelmsen-to-develop-unmanned-aircraft.html>

Airbus and Wilhelmsen Ships Service have entered into a strategic collaboration to drive the development of an end-to-end service for safe deliveries of parcels with an unmanned aircraft system (UAS), in the maritime industry.

IMO 2020: China COSCO Shipping to test scrubbers.

Ship & Bunker. 6 June 2018. Available from: <https://shipandbunker.com/news/apac/476424-imo-2020-china-cosco-shipping-to-test-scrubbers>

Mitsubishi Heavy Industries, Ltd (MHI) Monday says it has partnered with China COSCO Shipping for a demonstration test of its rectangular scrubber.

Shipyard aims to print components within one year. By Niklas Krigslund.

ShippingWatch. 7 June 2018. Available from: <https://shippingwatch.com/secure/carriers/article10654069.ece>

A US shipbuilder aims to print finished parts for ships within the upcoming year by using a 3D printing technology with the potential to change the ship building industry.

Autonomous ships should comply with COLREGs, says The Nautical Institute.

Nautical Institute. 7 June 2018. Available from:

<https://www.nautinst.org/en/Media/press/index.cfm/autocolregs> All vessels, regardless of whether they are autonomous or not, should comply with the COLREGs, said Captain Ghulam Hussain FNI, head of The Nautical Institute's delegation to the IMO as the debate into MASS started in earnest at the IMO.

Analysing a new age of autonomous vessels. By Natasha Brown.

Government Europa. 7 June 2018. Available from: <https://www.governmenteuropa.eu/analysing-autonomous-vessels/88131/>

With a myriad of emergent new technologies on the horizon of the maritime industry, such as autonomous vessels, it is vital that regulations are established to ensure the safety, security and efficiency of a new generation of ships.

Navis launches new module of loading computer MACS3 for ship navigation in Polar waters.

Hellenic Shipping News. 19 June 2018. Available from:

<https://www.hellenicshippingnews.com/navis-launches-new-module-of-loading-computer-macs3-for-ship-navigation-in-polar-waters/>

When navigating through polar waters, additional hazards such as ice accumulation and low temperatures that can affect a ship's stability must be taken into consideration, according to the International Maritime Organization's (IMO) International Code for Ships Operating in Polar Waters (Polar Code).

Maersk says batteries could be deployed on container ships by 2020. By Stas Margaronis.

American Journal of Transportation (AJOT). 27 June 2018. Available from:

<https://www.ajot.com/insights/full/ai-maersk-says-batteries-could-be-deployed-on-container-ships-by-2020>

Andrew McIntosh, senior innovation manager technical innovation for A.P. Moller Maersk, told conferees at the Electric and Hybrid Marine Expo in Amsterdam that "lower battery costs and higher fuel costs related to cleaner marine fuel requirements could make the business case for batteries by 2020."

MARITIME EDUCATION & TRAINING

Marina scrambles to avoid EU's withdrawal of competency recognition. *Manila Bulletin*.

8 June 2018. Available from: <https://business.mb.com.ph/2018/06/08/marina-scrambles-to-avoid-eus-withdrawal-of-competency-recognition/> The Maritime Industry Authority (Marina) is scrambling to avoid EU's withdrawal of recognition of Philippine competency by addressing gaps and deficiencies in the country's maritime education amid a declining deployment overseas of Filipino seafarers.

Maritime Industry launches major youth employment initiative. *Seafarers' International Union of Canada*.

12 June 2018. Available from: <https://www.seafarers.ca/maritime-industry-launches-major-youth-employment-initiative/> The Seafarers' Training Institute, in partnership with the Seafarers International Union (SIU) of Canada, Algoma Central Corporation, Canadian Steamship Lines (CSL) and Groupe Desganges have launched a national hiring initiative aimed at recruiting, training and retaining youth for Canada's growing merchant marine.

When guinea pigs sail... New project trains youngsters to take to the sea. By Dave Chambers.

Times Live (South Africa). 14 June 2018. Available from: <https://www.timeslive.co.za/news/south-africa/2018-06-14-when-guinea-pigs-sail-new-project-trains-youngsters-to-take-to-the-sea/> When the SA *Agulhas* reaches Cape Town on Thursday, it won't just bring with it a welter of fresh data on the Agulhas current and its role in climate change.

Global knowledge to benefit Jamaican shipping industry. *The Gleaner (Jamaica)*.

19 June 2018. Available from: <http://jamaica-gleaner.com/article/shipping/20180619/global-knowledge-benefit-jamaican-shipping-industry> "The knowledge I gained from studying at the World Maritime University (WMU) will benefit the wider Jamaican shipping industry," reflects Maritime Authority of Jamaica (MAJ) employee Abigail Bryan, who has successfully completed an MSc in Maritime Affairs, specialising in Maritime Education Training.

Cadets successfully complete maritime training. By Abria Cooper. *Freeport News*

(The Bahamas). 19 June 2018. Available from: <http://thefreeportnews.com/news/local/cadets-successfully-complete-maritime-training/> The Bahamas Maritime Cadet Corps (BMCC) recently hosted its Annual Certificate presentation ceremony at Geneva's Place, where 25 cadets received their certificates of completion.

Regional training in Kenya. *International Tanker Owners Pollution Federation Limited (ITOPF)*.

19 June 2018. Available from: <http://www.itopf.com/news-events/news/article/regional-training-in-kenya/> ITOPF was invited to deliver regional training on oil pollution preparedness, response and cooperation for eastern African countries in Nairobi, Kenya from 5th-8th June.

Seafarers need familiarisation training to prevent accidents. By Martyn Wingrove.

Marine Electronics & Communications. 25 June 2018. Available from:

http://www.marinemec.com/news/view/seafarers-need-familiarisation-training-to-prevent-accidents_52234.htm

Familiarisation training is far less costly than causing a maritime accident or having a ship detained in port, which could occur if crew are not provided with the correct training.

Ground-breaking seafarer welfare training programme launched by ITF Seafarers' Trust and World Maritime University.

World Maritime University (WМУ). 25 June 2018. Available from:

<https://www.wmu.se/news/ground-breaking-seafarer-welfare-training-programme-launched-itf-seafarers-trust-and-world>

The ITF Seafarers' Trust and the World Maritime University have announced a new seafarer welfare training programme designed to equip maritime professionals with key skills and knowledge to support the welfare of seafarers.

MARITIME SAFETY

Marshall Islands aims to resolve shipping industry's safety concerns.

Marshall Islands Registry. 31 May 2018. Available from: <https://bit.ly/2tYzigT> The Republic of the Marshall Islands (RMI) has submitted a paper to the IMO Intersessional Working Group (ISWG) on the consistent implementation of the 2020 global fuel oil sulphur standard under MARPOL Annex VI.

Probe finds self-igniting charcoal sparked two boxship cargo fires. By Adam Corbett.

TradeWinds. 11 June 2018. Available from: <http://www.tradewindsnews.com/liner/1508175/probe-finds-self-igniting-charcoal-sparked-two-boxship-cargo-fires>

The self-ignition of charcoal cargoes that had been certified as safe was responsible for fires on two separate boxships, an accident probe has found.

Three Marine Safety Alerts - High levels of hydrogen sulfide gas; water slides aboard commercial vessels; Gulf Coast vessels and blended fuel oils.

US Coast Guard Maritime Commons. 11 June 2018. Available from: <https://bit.ly/2ubKICP> The Office of Investigations and Analysis issued three Marine Safety Alerts to warn mariners of several potentially dangerous conditions that vessel owners, operators, and captains should be on the lookout for.

Safety in the fishing industry: providing insight into a global safety challenge.

Lloyd's Register Foundation. 12 June 2018. Available from: <http://www.lrfoundation.org.uk/news/2018/safety-in-the-fishing-industry-providing-insight-into-a-global-safety-challenge.aspx> Fishing is one of the world's most dangerous occupations.

Can a lithium-ion battery fire be put out on a vessel? By John De Roche.

Government Europa. 13 June 2018. Available from: <https://www.governmenteuropa.eu/lithium-ion-battery-fire-vessel/88384/> Of all the threats that universally scare ship captains the most, sinking is probably at the top of the list.

Safety on the sea: innovation in the maritime sector.

Government Europa. 18 June 2018.

Available from: <https://www.governmenteuropa.eu/safety-innovation-maritime-sector/88572/>

Intelligent awareness (IA) systems are set to become the next generation of digital technologies to revolutionise the maritime sector, and are expected to enhance safety through the utilisation of sensors, high-resolution displays and intelligent software.

New initiatives to enhance safety at sea in Singapore.

Maritime and Port Authority of Singapore

20 June 2018. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/131c9f9b-46a5-44c2-b219-315e41bf7763>

The Maritime and Port Authority of Singapore (MPA) will be embarking on several new initiatives as part of continued efforts to enhance safety at sea, especially in the Port of Singapore.

Locating containers lost from *YM Efficiency*. *Australian Maritime Safety Authority (AMSA)*. 22 June 2018. Available from: <https://www.amsa.gov.au/marine-environment/incidents-and-exercises/locating-containers-lost-ym-efficiency> A subsea search for the missing containers from the *YM Efficiency* will begin in the next few days as soon as weather conditions allow.

Crack discovered on '*SSL Kolkata*' container ship. *Safety4Sea*. 26 June 2018. Available from: <https://safety4sea.com/crack-discovered-on-ssl-kolkata-container-ship/> This discovery changed the plans of the team as they decided to empty the ship of the containers and the fuel before towing it to a port, local media inform.

MARITIME SECURITY

Maritime workers blame FG for attacks on vessels. By Yusuf Babalola. *Leadership (Nigeria)*. 31 May 2018. Available from: <https://leadership.ng/2018/05/31/maritime-workers-blame-fg-for-attacks-on-vessels/> Irked by unabated attacks on vessels at berth by sea robbers, the apex maritime union body in the nation's seaports, Maritime Workers Union of Nigeria (MWUN), has blamed the federal government for the attacks.

Algeria seizes 700kg of cocaine on container ship. *BBC News*. 31 May 2018. Available from: <https://www.bbc.co.uk/news/world-africa-44305875> The vessel was carrying frozen meat from Brazil and had previously docked in Valencia, Spain.

Shared vision of India-Indonesia maritime cooperation in the Indo-Pacific. *Government of India*. 30 May 2018. Available from: http://www.pmindia.gov.in/en/news_updates/shared-vision-of-india-indonesia-maritime-cooperation-in-the-indo-pacific/ During the official visit of the Prime Minister of India to the Republic of Indonesia on 29-30 May 2018, President of Indonesia, H.E Mr. Joko Widodo, and H.E. Shri Narendra Modi discussed the Shared Vision of the two countries on Maritime Cooperation in the Indo-Pacific.

France, China, others collaborate with Nigeria Navy in curbing maritime crimes on Gulf of Guinea. By Chiemelie Ezeobi. *This Day (Nigeria)*. 30 May 2018. Available from: <https://www.thisdaylive.com/index.php/2018/05/30/france-china-others-collaborate-with-nigeria-navy-in-curbing-maritime-crimes-on-gulf-of-guinea/> As part of moves to curb incidences of maritime crimes on the Gulf of Guinea (GOG) waters, especially piracy and sea robbery, the Nigerian Navy Wednesday launched a collaboration with France, China, Portugal and three other African navies.

US helps tighten Guyana maritime's port security; international compliance jumps to 84 percent. By Denis Chabrol. *Demerara Waves (Guyana)*. 1 June 2018. Available from: <http://demerarawaves.com/2018/06/01/us-helps-tighten-guyana-maritimes-port-security-international-compliance-jumps-to-84-percent/> The United States (US) on Friday said it has so far spent more than US\$100,000 to help Guyana tighten its maritime port security, resulting in increased compliance with the International Shipping and Port Security (ISPS) code that helps minimise terrorist threats.

Defence chiefs, experts call for closer partnerships in maritime security. By Nur Asyiqin Mohamad Salleh. *Straits Times*. 2 June 2018. Available from: <https://www.straitstimes.com/singapore/defence-chiefs-experts-call-for-closer-partnerships-in-maritime-security> A panel of defence chiefs and experts on Saturday (June 2) called for countries in the region to build closer partnerships at sea, with a Chinese delegate adding that her country and Asean should make use of the current tranquility and stability in the South China Sea to boost cooperation.

New ABS model offers quantitative cyber risk assessment for marine assets. *ABS (American Bureau of Shipping)*. 5 June 2018. Available from: <https://ww2.eagle.org/en/news/press-room/new-abs-model-offers-quantitative-cyber-risk-assessment-for-marine-assets.html> ABS today announced its successful development of a groundbreaking new methodology to measure cyber security risk associated with operational technology, providing marine and offshore clients a calculated risk index for vessels, fleets and facilities.

U.N. aid boat attacked off Yemen: port authority. *By Stephanie Nebehay and Mohammed Ghobari. Reuters*. 4 June 2018. Available from: <https://www.reuters.com/article/us-yemen-security-un/u-n-aid-boat-attacked-off-yemen-port-authority-idUSKCN1J01VI> Unidentified forces attacked a U.N. aid vessel off the main Yemeni port of Hodeidah at the weekend and started a fire in the engine room, port authorities said on Monday.

Nigeria-Denmark move to curb insecurity, corruption in the maritime sector. *By Sheriff Bona. Today (Nigeria)*. 6 June 2018. Available from: <https://www.today.ng/news/nigeria/nigeria-denmark-move-curb-insecurity-corruption-maritime-sector-120178> Minister of Foreign Affairs, Geoffrey Onyeama, has disclosed the readiness of Denmark to collaborate with Nigeria in stemming the tide

Naval policing of maritime corridor deters pirate attacks. *By Ramola Talwar Badam. The National (United Arab Emirates)*. 7 June 2018. Available from: <https://www.thenational.ae/uae/naval-policing-of-maritime-corridor-deters-pirate-attacks-1.737793> A secure corridor patrolled last year by naval warships in the Gulf of Aden and Bab Al Mandeb has been effective in curbing attacks on shipping.

Ship hack 'risks chaos in English Channel'. *By Leo Kelion. BBC News*. 7 June 2018. Available from: <https://www.bbc.co.uk/news/amp/technology-44397872> Ken Munro has suggested that the vulnerability could be exploited to block the English Channel.

Hacking, tracking, stealing and sinking ships. *By Ken Munro. Pen Test Partners LLP*. 4 June 2018. Available from: <https://www.pentestpartners.com/security-blog/hacking-tracking-stealing-and-sinking-ships/> At Infosecurity Europe this year, we demonstrated multiple methods to interrupt the shipping industry, several of which haven't been demonstrated in public before, to our knowledge.

Illegal, unreported and unregulated fishing must be addressed: Moceica. *By Selita Bolanavanua. Fiji Sun Online*. 13 June 2018. Available from: <http://fijisun.com.fj/2018/06/13/illegal-unreported-and-unregulated-fishing-must-be-addressed-moceica/> Illegal, Unreported and Unregulated fishing (IUU) activity is a maritime security challenge

Indonesia's chance to advocate maritime security issues on the Security Council. *By Pandu Utama Manggala. The Diplomat*. 13 June 2018. Available from: <https://thediplomat.com/2018/06/indonesias-chance-to-advocate-maritime-security-issues-on-the-security-council/> At the United Nations (UN) Plenary Meeting on June 8, 2018, Indonesia managed to get 144 votes from 190 countries, securing a non-permanent seat on the Security Council

Why 50,000 ships are so vulnerable to cyberattacks. *By Keith Martin and Rory Hopcraft. The Conversation*. 13 June 2018. Available from: <https://theconversation.com/why-50-000-ships-are-so-vulnerable-to-cyberattacks-98041> The 50,000 ships sailing the sea at any one time have joined an ever-expanding list of objects that can be hacked.

How sub-Saharan African countries deal with maritime crime. *Safety4Sea*. 21 June 2018. Available from: <https://safety4sea.com/how-sub-sahara-african-countries-deal-with-maritime-crime/> The new edition of Stable Seas Maritime Security Index is released, attempting to measure and map good maritime governance around sub-Saharan Africa.

Maritime security: EU revises its action plan. *Council of the European Union.* 26 June 2018. Available from: <http://www.consilium.europa.eu/en/press/press-releases/2018/06/26/maritime-security-eu-revises-its-action-plan/> 90% of the EU's external trade and 40% of its internal trade is transported by sea.

Council conclusions on the revision of the European Union Maritime Security Strategy (EUMSS) Action Plan. *Council of the European Union.* 26 June 2018. Available from: <http://data.consilium.europa.eu/doc/document/ST-10494-2018-INIT/en/pdf> This Action Plan updates and revises the European Union Maritime Security Strategy (EUMSS) Action Plan, dated 16 December 2014.

Shipping industry launches new security resources for world fleet. *International Chamber of Shipping (ICS).* 28 June 2018. Available from: <http://www.ics-shipping.org/news/press-releases/2018/06/28/shipping-industry-launches-new-security-resources-for-world-fleet> International shipping industry organisations, with military support, have launched a new website dedicated to providing comprehensive maritime security guidance to companies and mariners. [Maritime Global Security](#)

MIGRANTS

On the high seas, a fruitless wait for an unwanted minority. *Straits Times.* 31 May 2018. Available from: <https://www.straitstimes.com/asia/se-asia/on-the-high-seas-a-fruitless-wait-for-an-unwanted-minority> For nearly a week this month (May), the *Phoenix*, a search-and-rescue boat run by a Malta-based charity group, had scoured the Andaman Sea for Rohingya Muslims fleeing persecution in Myanmar in rickety boats.

At least 48 migrants dead after boat sinks off Tunisian coast. *By Tarek Amara. Reuters.* 3 June 2018. Available from: <https://www.reuters.com/article/us-europe-migrants-tunisia/at-least-46-migrants-dead-after-boat-sinks-off-tunisian-coast-idUSKCN1IZ0F7> At least 48 migrants were killed when their boat sank off Tunisia's coast and 67 others were rescued by the coast guard, officials said on Sunday, one of the worst migrant boat accidents in recent years.

IOM very concerned after tragic sinking of migrant boat off Tunisian coast. *International Organization for Migration (IOM).* 5 June 2018. Available from: <http://www.iom.int/news/iom-very-concerned-after-tragic-sinking-migrant-boat-tunisian-coast> Sixty-eight survivors, at least one hundred dead and missing migrants off Kerkennah-Sfax, Tunisia - this is the provisional report of the night of Saturday to Sunday, 3 June, when some 180 migrants undertook an uncertain crossing to European coasts on a fragile and overloaded craft.

Ill-equipped to deal with new influx, Spain leaves migrants to their fate. *By Jesús A. Cañas and María Martín. El País (Spain).* 6 June 2018. Available from: https://elpais.com/elpais/2018/06/06/inenglish/1528272838_829155.html Support associations criticize lack of planning by authorities despite reports warning of rise in arrivals.

IOM Saddened as nearly 50 Migrants Drown on Yemen's Shores, Others Still Missing. *International Organization for Migration (IOM).* 6 June 2018. Available from: <https://www.iom.int/news/iom-saddened-46-migrants-drown-yemens-shores-16-still-missing> Tragedy struck migrants trying to cross from the Horn of Africa to find employment in Yemen and the Gulf, when their vessel capsized in high waves as it approached its destination in the early hours of 6 June.

The world's deadliest migration route continues to take lives. *By Louise Miner and Annelise Borges. Euronews.* 7 June 2018. Available from: <http://www.euronews.com/2018/06/07/the-world-s-deadliest-migration-route-continues-to-take-lives> On Sunday, a boat sank off the east coast of Tunisia, killing around 48 people.

Mediterranean migrant arrivals reach 33,400 in 2018; Deaths reach 785. *International Organization for Migration (IOM)*. 8 June 2018. Available from:

<https://www.iom.int/news/mediterranean-migrant-arrivals-reach-33400-2018-deaths-reach-785>

IOM reports that 33,400 migrants and refugees entered Europe by sea as of 6 June 2018. So far this month, 1,190 arrivals to Italy, Greece and Spain have been recorded, the majority of which arrived in Spain (47% of total European arrivals).

UNHCR: Bring *Aquarius* passengers to land, deal with wider issues later. *United Nations High Commissioner for Refugees (UNHCR)*. 11 June 2018. Available from:

<http://www.unhcr.org/uk/news/press/2018/6/5b1e49aa4/unhcr-bring-aquarius-passengers-land-deal-wider-issues-later.html>

UNHCR today appealed to concerned governments to allow the immediate disembarkation of hundreds of people stranded in the Mediterranean since Saturday aboard a rescue ship, the *Aquarius*.

Italy cries victory as Spain opens port to rescued migrants. By Steve Scherer and Isla Binnie. *Reuters*. 11 June 2018. Available from:

<https://www.reuters.com/article/us-europe-migrants-italy-malta/eu-u-n-urge-italy-malta-to-let-in-drifting-migrant-ship-idUSKBN1J70YS>

Spain offered on Monday to take in a humanitarian ship stranded in international waters with 629 migrants aboard as Italy and Malta both continued to refuse to let it dock.

Italy and Malta's migration stand-off: your questions answered. By Bertrand Borg.

Times of Malta. 11 June 2018. Available from:

<https://www.timesofmalta.com/mobile/articles/view/20180611/local/italy-and-maltas-migration-stand-off-your-questions-answered.681486?ext=html>

As Spain announced that it would open its ports to the MV *Aquarius* and give the 600 men, women and children aboard refuge, the ship's captain and crew heaved a sigh of relief and charted a course for Valencia.

Spain to offer "safe port" for '*Aquarius*' migrant rescue ship in Valencia. *El País (Spain)*.

11 June 2018. Available from:

https://elpais.com/elpais/2018/06/11/inenglish/1528720717_398244.html

Spanish Prime Minister Pedro Sánchez gave instructions on Monday for Spain to offer a "safe port" to the vessel *Aquarius*, which is currently at sea with more than 600 migrants and refugees on board.

Spain to accept disputed migrant ship *Aquarius*. By Guy Hedgecoe and Kevin Connolly.

BBC News. 12 June 2018. Available from: <https://www.bbc.co.uk/news/world-europe-44441386>

Pedro Sánchez said he would give "safe harbour" to the *Aquarius* and the 629 people on board, after Italy and Malta both refused to let the ship dock.

IOM Director General welcomes Spain's offer of safe harbour for migrants aboard *Aquarius*.

International Organization for Migration (IOM). 12 June 2018. Available from:

<https://www.iom.int/news/iom-director-general-welcomes-spains-offer-safe-harbour-migrants-aboard-aquarius>

IOM has welcomed the decision by Spain to offer a safe harbour to over six hundred migrants – including scores of children and seven pregnant women – who have been waiting aboard a rescue vessel since Sunday (10/06).

***Aquarius* instructed to sail to Spain to reach a port of safety: 629 people rescued in the Mediterranean to be disembarked in Valencia.** *SOS Mediterranee*. 12 June 2018. Available from:

<https://sosmediterranee.com/aquarius-instructed-to-sail-to-spain-to-reach-a-port-of-safety-629-people-rescued-in-the-mediterranean-to-be-disembarked-in-valencia/>

Following the exchanges with Italian and Spanish maritime authorities during the night of Monday to Tuesday 12 June and after more than 36 hours of standby in the international waters 27 nautical miles away from Malta and 35 nautical miles from Sicily, the *Aquarius* received the official instruction to set sail for the port of Valencia in Spain, indicated as "port of safety" by the competent maritime authorities for the landing of 629 men, women and children rescued at sea off Libya on Saturday 9 June 2018.

Migrant arrivals in Europe significantly down despite *Aquarius* controversy. *International Organization for Migration (IOM)*. 12 June 2018. Available from: <https://www.iom.int/news/migrant-arrivals-europe-significantly-down-despite-aquarius-controversy> As the *Aquarius* rescue vessel makes the three-day journey to Spain, IOM reports that 35,504 migrants and refugees entered Europe by sea as of Sunday, 10 June 2018.

By refusing entry to migrant rescue ship, Italy and Malta reveal legal shortcomings. **By Doris Pundy.** *Deutsche Welle (Germany)*. 12 June 2018. Available from: <http://www.dw.com/en/by-refusing-entry-to-migrant-rescue-ship-italy-and-malta-reveal-legal-shortcomings/a-44186764> Italy's closure of its ports to a ship carrying migrants rescued at sea may be controversial, but is it illegal?

Statement of the Chairperson of the African Union Commission on the fate of stranded migrants in the Mediterranean Sea. *African Union (AU)*. 12 June 2018. Available from: <https://au.int/en/pressreleases/20180612/statement-chairperson-african-union-commission-fate-stranded-migrants> The Chairperson of the African Union Commission, Moussa Faki Mahamat, commends the Government of Spain for giving safe harbour to over 600 migrants, including women and children, who were stranded in the Mediterranean Sea since Sunday 10 June 2018.

Europe's dispute over maritime migration deepens. *Maritime Executive*. 13 June 2018. Available from: <https://maritime-executive.com/article/europe-s-dispute-over-maritime-migration-deepens#gs.3pDdrwo> On Wednesday, the intra-European dispute over migrant arrivals from Africa deepened with a new war of words between the governments of France and Italy.

Italy demands Netherlands recall NGO migrant rescue ships. **By Philip Pullella.** *Reuters*. 16 June 2018. Available from: <https://uk.reuters.com/article/uk-europe-migrants-italy/italy-demands-netherlands-recall-ngo-migrant-rescue-ships-idUKKBN1JC0H0> Italy on Saturday demanded that the Netherlands recall two Dutch-flagged migrant rescue ships after one of the non-governmental organisations that operate them called Rome's interior minister a fascist.

Italy bars two more refugee ships from ports. **By Chris Stephen.** *The Guardian*. 16 June 2018. Available from: <https://www.theguardian.com/world/2018/jun/16/italy-bars-two-more-refugee-ships-from-ports> Italy's interior minister has sparked a new migration crisis in the Mediterranean by barring two rescue boats from bringing refugees to shore, a week after the *Aquarius* was prevented from docking.

Mediterranean Migrant Arrivals Reach 40,073 in 2018; Deaths Reach 857. *International Organization for Migration (IOM)*. 19 June 2018. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-40073-2018-deaths-reach-857> IOM reports that 40,073 migrants and refugees entered Europe by sea in the first 24 weeks of 2018.

Italian rescue boat with over 900 migrants arrives in Sicily. **By Philip Andrew Churm.** *Euronews*. 19 June 2018. Available from: <http://www.euronews.com/2018/06/19/italian-rescue-boat-with-over-900-migrants-arrives-in-sicily> The Italian coast guard ship, *Diciotti*, has arrived in the Sicilian port of Catania with 932 migrants and two bodies on board.

It's 34,361 and rising: how the List tallies Europe's migrant bodycount. **By Niamh McIntyre and Mark Rice-Oxley.** *The Guardian*. 20 June 2018. Available from: <https://www.theguardian.com/world/2018/jun/20/the-list-europe-migrant-bodycount> The vast majority of migrants who have died trying to reach Europe have drowned.

Mediterranean Migrant Arrivals Reach 40,944 in 2018; Deaths Reach 960. *International Organization for Migration (IOM)*. 22 June 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-40944-2018-deaths-reach-960> IOM reports that 40,944 migrants and refugees entered Europe by sea through the first 171 days of 2018.

Spain rescues hundreds of migrants crossing sea to Europe. By Philip Whiteside. *Sky News*. 23 June 2018. Available from: <https://news.sky.com/story/spain-rescues-hundreds-of-migrants-crossing-mediterranean-11414277> 📰. Some 449 people were picked up from 20 dinghies in the Mediterranean, and 129 people from a wooden raft heading from West Africa to the Canary Islands.

Migrants on Maersk vessel disembarked safely on Sicily. By Ritzau Finans. *ShippingWatch*. 26 June 2018. Available from: <https://shippingwatch.com/secure/carriers/article10713833.ece> Danish container ship *Alexander Mærsk* has, on the night between Monday and Tuesday, returned more than 100 migrants to land in Pozzallo on Sicily, informs Maersk Group Tuesday morning CET.

EU migrants: Malta allows migrant ship to dock after EU deal. *BBC News*. 26 June 2018. Available from: <https://www.bbc.co.uk/news/world-europe-44613344> 📰. Malta's PM said the *Lifeline* would arrive on Wednesday, after his country and seven other EU states agreed to take a share of those on board.

Mediterranean migrant arrivals reach 42,845 in 2018; Deaths reach 972. *International Organization for Migration (IOM)*. 26 June 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-42845-2018-deaths-reach-972> IOM reports that 42,845 migrants and refugees entered Europe by sea in 2018 through 24 June, with just over 38 per cent arriving in Italy and the remainder divided almost evenly between Greece (30%) and Spain (31%).

Watch: Rescue ship *Lifeline* docks, most migrants claim to have escaped torture in Libya. *Times of Malta*. 27 June 2018. Available from: <https://www.timesofmalta.com/articles/view/20180627/local/muscat-to-announce-latest-developments-on-migrant-rescue-ship-crisis.682963> 📰. Eight European Union member states have agreed to jointly distribute 237 migrants aboard a sea-stranded migrant rescue vessel amongst themselves, Prime Minister Joseph Muscat said on Wednesday.

Libyan coastguard says 100 migrants may have drowned near Tripoli. By Ahmed Elumami. *Reuters*. 29 June 2018. Available from: <https://www.reuters.com/article/us-europe-migrants-libya/libyan-coastguard-says-100-migrants-may-have-drowned-near-tripoli-idUSKBN1JP1AI> Around 100 people are thought to have drowned from a migrant boat off Libya's western coast, a coastguard official said on Friday.

Mediterranean migrant arrivals reach 44,957 in 2018; Deaths reach 972. *International Organization for Migration (IOM)*. 29 June 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-44957-2018-deaths-reach-972> IOM reports that 44,957 migrants and refugees entered Europe by sea in 2018 through 27 June, with around 38% arriving in Italy and the remainder divided between Greece (29%) and Spain (33%).

NAVIGATION & COMMUNICATIONS

H2H - leveraging EGNSS for safer maritime navigation. *European Global Navigation Satellite Systems Agency (GSA)*. 29 May 2018. Available from:

<https://www.gsa.europa.eu/newsroom/news/h2h-leveraging-egnss-safer-maritime-navigation>

Funded by the European GNSS Agency (GSA) under Horizon 2020, the H2H system will combine sensor information with 3D models to create digital models of vessels and other objects of interest.

E-navigation and advanced radar gain momentum on the bridge. **By Martyn Wingrove.**

Passenger Ship Technology. 31 May 2018. Available from:

http://www.passengership.info/news/view,enavigation-and-advanced-radar-gain-momentum-on-the-bridge_51988.htm

Manufacturers are developing new radar, e-navigation and surveillance technology for integrated bridge systems on cruise ships and ferries.

S. Korea to promote int'l efforts to set up worldwide e-Navigation system. *Yonhap News Agency (South Korea)*. 3 June 2018. Available from:

<http://english.yonhapnews.co.kr/news/2018/06/03/0200000000AEN20180603004500320.html>

South Korea plans to actively promote efforts by the international community to set up a viable worldwide e-Navigation system that could greatly improve efficiency and safety in the shipping industry, the government said Sunday.

Under the sea, Microsoft tests a datacenter that's quick to deploy, could provide internet connectivity for years. **By John Roach.** *Microsoft*. 5 June 2018. Available from:

<https://news.microsoft.com/features/under-the-sea-microsoft-tests-a-datacenter-thats-quick-to-deploy-could-provide-internet-connectivity-for-years/>

Microsoft is leveraging technology from submarines and working with pioneers in marine energy for the second phase of its moonshot to develop self-sufficient underwater datacenters that can deliver lightning-quick cloud services to coastal cities.

Inmarsat Research Programme offers unique maritime IoT insights. *Inmarsat*. 6 June 2018.

Available from: <https://www.inmarsat.com/press-release/inmarsat-research-programme-offers-unique-maritime-iot-insights/>

Original research commissioned by Inmarsat suggests that the maritime industry is more amenable to adopting analytic, management and operational tools applied through the Internet of Things (IoT) than many commentators have supposed.

Microsoft sinks data centre off Orkney. **By Rory Cellan-Jones.** *BBC News*. 6 June 2018.

Available from: <https://www.bbc.co.uk/news/technology-44368813>

The data centre, a white cylinder containing computers, could sit on the sea floor for up to five years.

Chairman Hunter statement from hearing on maritime transportation in the Arctic.

US House of Representatives Committee on Transportation and Infrastructure. 7 June 2018.

Available from: <https://transportation.house.gov/news/documentsingle.aspx?DocumentID=402598>

Today the Subcommittee will hear testimony on maritime transportation in the Arctic and the need for United States infrastructure to facilitate safe and efficient transportation.

[Maritime Transportation in the Arctic: The U.S. Role](#)

Beidou set to boost navigation services. **By Ma Si.** *China Daily*. 9 June 2018. Available from:

http://www.chinadaily.com.cn/kindle/2018-06/09/content_36358345.htm

Members of the Shanghai Cooperation Organization are boosting ties in satellite navigation services, as China's homegrown Beidou Navigation Satellite System is set to achieve global coverage by 2020.

New insights into China's Maritime Silk Road. *Hellenic Shipping News*. 12 June 2018.

Available from: <https://www.hellenicshippingnews.com/new-insights-into-chinas-maritime-silk-road/>

It is a concept which could boost global seaborne trade by assisting economic progress in many countries.

Shipowners react and invest in ECDIS innovation and challenges. By Martyn Wingrove.

Marine Electronics & Communications. 12 June 2018. Available from:

http://www.marinemec.com/news/view/shipowners-react-and-invest-in-ecdis-innovation-and-challenges_52099.htm

Shipowners' managers and operators have faced the challenges of not just deploying ECDIS, but replacing ageing equipment as software became redundant.

Satellites track vanishing Antarctic ice. Scripps Institution of Oceanography. 13 June 2018.

Available from: <https://scripps.ucsd.edu/news/satellites-track-vanishing-antarctic-ice> Scientists from the University of Leeds, the University of California San Diego, and University of Maryland reviewed decades of satellite measurements to reveal how and why Antarctica's glaciers, ice shelves, and sea ice are changing.

How AI-powered drones are helping fight ocean plastic. International Telecommunication Union.

14 June 2018. Available from: <http://news.itu.int/ai-drones-ocean-plastic/> 🇺🇸 An army of drones is joining the fight against plastic pollution.

Security flaws open ECDIS to cyber crime. By Martyn Wingrove. Marine Electronics &

Communications. 21 June 2018. Available from: http://www.marinemec.com/news/view/security-flaws-open-ecdis-to-cyber-crime_52224.htm

In June, Pen Test Partners were tasked with penetrating multiple makes and models of ECDIS and the results in their own words were shocking.

ECDIS is at the heart of sea traffic management. By Martyn Wingrove. Marine Electronics &

Communications. 26 June 2018. Available from: http://www.marinemec.com/news/view/ecdis-is-at-the-heart-of-sea-traffic-management_53276.htm For the future of e-navigation, ECDIS has become an essential device.

PIRACY

Security experts warn maritime piracy down but not out. By Sam Bojarski. Professional Mariner.

1 June 2018. Available from: <http://www.professionalmariner.com/June-July-2018/Security-experts-warn-maritime-piracy-down-but-not-out/> Piracy and armed robbery against ships has hit a 22-year low, according to an annual report issued in January by the International Maritime Bureau (IMB).

Piracy sustains high shipping costs on Nigerian waters. By Sulaimon Salau. Guardian (Nigeria).

4 June 2018. Available from: <https://guardian.ng/news/piracy-sustains-high-shipping-costs-on-nigerian-waters/> Incessant pirate attacks and kidnappings are taking an alarming toll on shipping in Nigeria's territorial waters and the Gulf of Guinea.

ReCAAP ISC Piracy and Sea Robbery Conference 2018 addresses proactive response among stakeholders to counter piracy in Asia. ReCAAP. 12 June 2018. Available from: <https://bit.ly/2M11thF>

The annual ReCAAP Information Sharing Centre (ISC) Piracy and Sea Robbery Conference 2018 was held today for the first time in Hong Kong, China, to reach out to the shipping community in China and beyond.

European tuna vessels avoid Gulf of Guinea amid rising piracy threat. By Matilde Mereghetti.

Undercurrent News. 27 June 2018. Available from:

<https://www.undercurrentnews.com/2018/06/27/european-tuna-vessels-avoid-gulf-of-guinea-amid-rising-piracy-threat/>

European tuna vessels are avoiding fishing in the Gulf of Guinea and nearby waters amid a rising threat of piracy in the area.

PORT STATE CONTROL

Foreign flagged ships detained in the UK during May 2018. *UK Maritime & Coastguard Agency.* 8 June 2018. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-may-2018> During May, there were four new detentions of foreign flagged vessels in a UK port, three vessels remained under detention from previous months.

Annual Report for 2017. *Black Sea MOU on Port State Control.* 8 June 2018. Available from: <http://www.bsmou.org/2018/06/annual-report-for-2017/> We are pleased to present the seventeenth issue of the Annual Report on Port State Control in the Black Sea region which is published under the auspices of the Port State Control Committee of the Black Sea MOU.
[Port State Control in The Black Sea Region: Annual Report 2017](#)

2017 Performance lists Paris MoU. *Paris MoU on Port State Control.* 14 June 2018. Available from: <https://www.parismou.org/2017-performance-lists-paris-mou> The "White, Grey and Black (WGB) List" presents the full spectrum, from flags with a high performance to flags with a poor performance that are considered high or very high risk. White List Effective from July 1, 2018;
[Paris MoU White List Effective from July 1, 2018](#)

What is the role of port state control in enforcing cyber security? By Jamey Bergman. *Marine Propulsion & Auxiliary Machinery.* 15 June 2018. Available from: http://www.mpropulsion.com/news/view,what-is-the-role-of-port-state-control-in-enforcing-cyber-security_52151.htm Norton Rose Fulbright partner Philip Roche believes port state control will play a limited role in enforcing cyber security.

IACS members stuck in Paris MOU grey list. By Adam Corbett. *TradeWinds.* 19 June 2018. Available from: <http://www.tradewindsnews.com/casualties/1514105/iacs-members-stuck-in-paris-mou-grey-list> Several members of the International Association of Classification Societies (IACS) have again been ranked as "medium risk" by a Paris MOU review.

Cayman moving up the 'White List' of port state control regimes. *Cayman Compass (Cayman Islands).* 19 June 2018. Available from: <https://www.caymancompass.com/2018/06/19/cayman-moving-up-the-white-list-of-port-state-control-regimes/> The Cayman Islands Shipping Registry, a division of the Maritime Authority of the Cayman Islands, is once again on the "White List" of the 2017 Annual Report for the Tokyo Memorandum of Understanding on Port State Control.

ClassNK releases Annual Report on Port State Control. *ClassNK.* 27 June 2018. Available from: https://www.classnk.or.jp/hp/en/hp_news.aspx?id=2941&type=press_release&layout=1 The report aims to assist ship operators and management companies in maintaining compliant operations by providing information about ships detained by PSC as well as deficiencies that were found on board from many port states in 2017. [Class NK Port State Control Annual Report](#)

PORTS & HARBOURS

New tools to revolutionise international trade. *Port of Brisbane.* 31 May 2018. Available from: <https://www.portbris.com.au/Media/News/New-Tools-to-Revolutionise-International-Trade/> A new system unveiled today to link supply chain information through blockchain technology will revolutionise international trade by removing complexity.

Cleaner shipping fuel ruling offers opportunities for Middle East ports. **By Dave Ernsberger.** *Saudi Gazette.* 3 June 2018. Available from: <http://saudigazette.com.sa/article/536085/BUSINESS> The change will be immense for the shipping, refining and trading industry but could also present opportunities for Middle East ports who have invested in cutting edge infrastructure.

Abu Dhabi ports along with partners to invest Dh10b in expansion. **By Fareed Rahman.** *Gulf News (UAE).* 3 June 2018. Available from: <https://gulfnews.com/business/sectors/shipping/abu-dhabi-ports-along-with-partners-to-invest-dh10b-in-expansion-1.2230868> Abu Dhabi: Abu Dhabi Ports along with partners will be investing more than Dh10 billion in the expansion of Khalifa port as well create new facilities to boost growth, a top executive of Abu Dhabi Ports said.

Abu Dhabi Ports launches blockchain technology for trade community. *Abu Dhabi Ports.* 3 June 2018. Available from: <http://www.adports.ae/en/media-centre/newslisting/abu-dhabi-ports-launches-blockchain-technology-for-trade-community/> Maqta Gateway, an Abu Dhabi Ports subsidiary, is the first Abu Dhabi entity to develop and launch its own blockchain technology - Silsal.

APM Terminals Uruguay approaches zero carbon emissions. *APM Terminals.* 5 June 2018. Available from: <http://www.apmterminals.com/en/news/press-releases/2018/uruguay-approaches-zero-carbon-emissions> By switching to their own renewable energy source, Inland Services Uruguay, the largest equipment maintenance and repair provider in the country, will reduce its CO2 emissions by almost 50 tonnes per year.

ESPO welcomes Ukrainian Sea Port Authority. *Port Technology International.* 5 June 2018. Available from: <https://www.porttechnology.org/news/espo-welcomes-ukrainian-sea-port-authority> The membership was granted to the USPA after an assembly gathering on June 3, 2018 - coinciding with the ESPO's annual conference in Rotterdam.

Boom awakens memories of Piraeus's ancient glory. *Ekathimerini (Greece).* 6 June 2018. Available from: <http://www.ekathimerini.com/229300/article/ekathimerini/business/boom-awakens-memories-of-piraeuss-ancient-glory> A traditionally seafaring nation, Greece enjoys a favorable geographical location.

Port of Piraeus awarded for quality and environmental management. *Safety4Sea.* 7 June 2018. Available from: <https://safety4sea.com/port-of-piraeus-awarded-for-quality-and-environmental-management/> The certifications were awarded on June 6 during Posidonia.

Asian ports under pressure after China ban on plastic and paper waste. **By Sam Whelan.** *The Loadstar.* 8 June 2018. Available from: <https://theloadstar.co.uk/asian-ports-pressure-china-ban-plastic-paper-waste/> Port operations in South-east Asia have come under increasing pressure from a build-up in scrap cargo, following China's crackdown on imported waste.

Black Sea ports signed an action plan to revive cruise shipping for the next 3 years. *Port News.* 9 June 2018. Available from: <http://www.en.portnews.ru/news/259573/> During the 52nd General Assembly of the Association of Mediterranean Cruise Ports (MedCruise), which took place in Valletta, Malta on May 23–26, 2018, the Black Sea ports signed an action plan of the revival of cruise shipping for the next 3 years.

SealIntel: Mediterranean ports gaining on North Europe's ports. By Katrine Grønvald Raun.

ShippingWatch. 11 June 2018. Available from:

<https://shippingwatch.com/secure/Ports/article10676425.ece> Mediterranean ports such as Algeciras and Tangier in Morocco have noted a rise the number of deep-sea vessels that call in the ports, according to an analysis by SealIntel, which has analyzed the developments of the European and the difference between the ones in North Europe and those in the Mediterranean.

Port of Valencia prepares for human cargo. Euronews. 12 June 2018. Available from:

<http://www.euronews.com/2018/06/12/port-of-valencia-prepares-for-human-cargo> Those who've already made the long journey from Africa to the streets of Valencia have welcomed the decision by the city authorities to take in the 629 passengers on board the *Aquarius*.

Port community to cooperate for a stronger voice in IMO - IAPH President delivers his 'maiden speech'. International Association of Ports and Harbors (IAPH). 12 June 2018.

Available from: <https://www.iaphworldports.org/news/4920> "The port community is represented in IMO through various organisations, including port authorities, cargo handling companies, harbour masters, maritime pilots, port community systems, ship agents and port police."

The IMO invades ports. By Felicity Landon. Seatrade Maritime News. 13 June 2018.

Available from: <http://www.seatrade-maritime.com/news/europe/the-imo-invades-ports.html> And so it was at the International Maritime Organization's (IMO) Special Ports Event, where discussions highlighted the sheer diversity of challenges faced by ports around the world.

Portugal makes case for place on China's Maritime Silk Road. By Bob Rust. TradeWinds.

14 June 2018. Available from: <http://www.tradewindsnews.com/liner/1508666/portugal-makes-case-for-place-on-chinas-maritime-silk-road> Portugal could become the westernmost end of China's Maritime Silk Road thanks to a second container terminal at the deepwater port of Sines.

Port of Djibouti as a future African trading gateway. Maritime Executive. 14 June 2018.

Available from: <https://www.maritime-executive.com/editorials/port-of-djibouti-as-a-future-african-trading-gateway> At the present time, a group of African governments assisted by China are planning future trans-African transportation corridors.

Port and maritime officials gather in Singapore to address safe, secure and clean port management. Government of Singapore. 18 June 2018. Available from:

https://www.gov.sg/resources/sGPC/media_releases/mpa/press_release/P-20180618-2 The fifth run of the MPA Academy Port Management Programme (PMP), aimed at port masters, harbour masters and middle managers from maritime and port authorities, kicked off today with a record 20 maritime officials from across Africa, Asia, Latin America, Middle East and Oceania.

'Very difficult fire': Port Kembla shut due to cargo ship blaze. By Angela Thompson and Glen Humphries. Sydney Morning Herald (Australia). 18 June 2018. Available from:

<https://www.smh.com.au/business/companies/port-kembla-shut-due-to-cargo-ship-blaze-20180618-p4zm3o.html> The *Iron Chieftain*, owned by freight company CSL, is carrying dolomite, a substance that resembles sand to look at.

Antwerp blockchain pilot pioneers with secure and efficient document workflow.

Port of Antwerp. 18 June 2018. Available from: <http://www.portofantwerp.com/en/news/antwerp-blockchain-pilot-pioneers-secure-and-efficient-document-workflow> The Antwerp Port Authority and the Antwerp blockchain start-up T-Mining have developed a solution to make document flows safer and more efficient.

Port of Rotterdam bringing Pronto app to Singapore, Ningbo . By Vincent Wee.

Seatrade Maritime News. 21 June 2018. Available from: <http://www.seatrade-maritime.com/news/asia/port-of-rotterdam-bringing-pronto-app-to-singapore-ningbo.html> Along with the ports of Algeciras, Busan, Gothenburg, Houston, Rotterdam, Singapore and Ningbo (Zhoushan) and the International Harbour Masters' Association, United Kingdom Hydrographic Office and GS1 the task force was set up in 2014 to bring standards from the nautical and logistics sectors together.

Product tanker spills bunker fuel at Port of Rotterdam. *Maritime Executive*. 24 June 2018.

Available from: <https://www.maritime-executive.com/article/product-tanker-spills-bunker-fuel-at-port-of-rotterdam> On Saturday afternoon, the Odfjell tanker *Bow Jubail* struck a jetty at the Port of Rotterdam, rupturing her hull and releasing an estimated 220 tons of bunker fuel into the water.

Update: Bow Jubail incident in Rotterdam. *Odfjell*. 25 June 2018. Available from:

<https://www.odfjell.com/about/our-stories/update-bow-jubail-incident-in-rotterdam/> On her way to the assigned berth for loading, the *Bow Jubail* made contact with the jetty and accidentally ruptured the hull.

Standing up to bullies in ports. *Hellenic Shipping News*. 25 June 2018. Available from:

<https://www.hellenicshippingnews.com/standing-up-to-bullies-in-ports/> Recent headline-grabbing reports of investigations into allegations of workplace bullying in Australia's Southern Ports Authority and England's Port of Dover begs the questions, is the issue endemic and are such cultures engrained in the port sector?

Expanded Panama Canal commemorates two year anniversary. *Panama Canal Authority*.

26 June 2018. Available from: <http://www.pancanal.com/eng/pr/press-releases/2018/06/26/pr653.html> Today, the Panama Canal marked the two-year anniversary of the inauguration of its Canal Expansion, the largest enhancement project in the waterway's 103-year history.

Progress of clean-up operations in Port of Rotterdam - update 26 June. *Port of Rotterdam*.

26 June 2018. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/progress-of-clean-up-operations-in-port-of-rotterdam-update-26-june> Over the weekend of 23 and 24 June, a serious water pollution incident occurred in the 3rd Petroleumhaven in Rotterdam.

Progress on Port of Rotterdam pollution clean-up operations - update 27 June.

Port of Rotterdam. 27 June 2018. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/progress-on-port-of-rotterdam-pollution-clean-up-operations-update-27-june> Over the weekend of 23 and 24 June, a serious water pollution incident occurred in the 3rd Petroleumhaven in Rotterdam.

Port pro of the month: Raivis Veckagans (UKR). *European Sea Ports Organisation (ESPO)*.

29 June 2018. Available from: <https://www.espo.be/news/port-pro-of-the-month-raivis-veckagans-ukr> On 31 May, the Ukrainian Sea Ports Authority (USPA) officially joined ESPO as an observer member.

REGULATIONS

New regulations send shipping sector hunting for low-carbon solutions. By Smita Tiwary. *Eco-Business*. 31 May 2018. Available from: <http://www.eco-business.com/news/new-regulations-send-shipping-sector-hunting-for-low-carbon-solutions/> The shipping industry is sailing into choppy waters.

Sulphur Inspection Guidance. *European Maritime Safety Agency (EMSA)*. 30 May 2018. Available from: <http://www.emsa.europa.eu/news-a-press-centre/external-news/item/2407-sulphur-inspection-guidance.html> This document is intended to provide guidance for a harmonised approach to the inspection of ships, ascertaining their compliance, identifying non-compliances and applying control procedures for the enforcement of Directive (EU) 2016/802, as regards the sulphur content of marine fuels. [Sulphur Inspection Guidance: Directive \(EU\) 2016/802](#)

PODCAST: LR's Nick Brown discusses impact of global sulfur cap. *MARINE LOG*. 1 June 2018. Available from: <https://bit.ly/2MZUIRW> It is clearly a time of transformation in the maritime industry.

Wärtsilä provides financial predictability and ensures the MARPOL compliance of vessels managed by Wilhelmsen Ship Management. *Wärtsilä Corporation*. 4 June 2018. Available from: <https://www.wartsila.com/media/news/04-06-2018-wartsila-provides-financial-predictability-and-ensures-the-marpol-compliance-of-vessels-managed-by-wilhelmsen-ship-management-2199873> The technology group Wärtsilä and Norwegian Wilhelmsen Ship Management, a Wilhelmsen group company, have signed a 5-year agreement covering the maintenance of exhaust gas cleaning systems installed in three vessels managed by Wilhelmsen Ship Management.

Shipping organisations decry overbearing regulation. By Anastassios Adamopoulos. *Lloyd's List*. 4 June 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1122868/Shipping-organisations-decry-overbearing-regulation> Posidonia Week is almost notorious for its festivities, but Monday's conversation raised a flashpoint when the topic of environmental regulation came up.

New tool simplifies evaluating the cost of tanker compliance. *Tanker Shipping & Trade*. 7 June 2018. Available from: http://www.tankershipping.com/news/view,new-tool-simplifies-evaluating-the-cost-of-tanker-compliance_52055.htm The solutions for achieving 2020 sulphur cap compliance are varied, and owners must consider a multitude of options before taking the plunge.

New one stop compliance solution for EU MRV and IMO DCS regulations. *Lloyd's Register*. 8 June 2018. Available from: <https://www.lr.org/en/latest-news/new-one-stop-compliance-solution-for-eu-mrv-and-imo-dcs-regulations/> LR has today launched CO2 Verifier, an online verification service that provides a simple solution to comply with both the EU monitoring, reporting and verification (MRV) regulation and the IMO Data Collection System (DCS).

DNV GL at Posidonia 2018: Clear skies ahead as DNV GL announces new emission reduction notation. By Nikos Späth. *DNV GL*. 8 June 2018. Available from: <https://www.dnvgl.com/news/dnv-gl-at-posidonia-2018-clear-skies-ahead-as-dnv-gl-announces-new-emission-reduction-notation-122749> "As the 2020 IMO sulphur cap on fuel draws closer, we have been hearing more and more from ship owners and operators who are looking for guidance on the installation and approval of systems which reduce emissions to air," says Knut Ørbeck-Nilssen, CEO of DNV GL - Maritime.

ABS delivers fuel advisory ahead of impending 2020 global sulfur cap. *ABS (American Bureau of Shipping)*. 8 June 2018. Available from: <https://www.eagle.org/en/news/press-room/abs-issues-fuel-advisory-ahead-of-impending-2020-global-sulfur-cap.html> ABS issued the ABS Advisory on Marine Fuel Oil to help industry prepare for IMO's 2020 global sulfur cap. [Marine Fuel Oil Advisory 2018](#)

Posidonia: Slaying mythical beasts in the IMO 2020 labyrinth. By Justin Murphy and Unni Einemo. *International Bunker Industry Association (IBIA)*. 11 June 2018. Available from: <https://ibia.net/posidonia-slaying-mythical-beasts-in-the-imo-2020-labyrinth/> The Greek Shipping community put on a wonderful week for the rest of the world at Posidonia.

IMO 2020: Japanese shipowner gives stark assessment of business impact. *Ship & Bunker*. 11 June 2018. Available from: <https://shipandbunker.com/news/apac/924716-imo-2020-japanese-shipowner-gives-stark-assessment-of-business-impact> The International Maritime Organization's rule change on the sulfur content of bunker fuel could add \$50 billion to shipping's fuel bill and may cause bankruptcies among some ship operators.

Shipowners complain at the burden of environmental regulations, but trade will not grind to a halt. By Marcus Hand . *Seatrade Maritime News*. 11 June 2018. Available from: <http://www.seatrade-maritime.com/news/europe/shipowners-complain-at-the-burden-of-environmental-regulations-but-trade-will-not-grind-to-a-halt.html> Greek shipowners took the opportunity to lobby the International Maritime Organization (IMO) secretary-general Kitack Lim and others to what they see as unfair burden on the industry.

Vast majority fear introduction of the sulphur cap will be an 'unholy mess'.
By Sam Chambers. *Splash 247.Com*. 12 June 2018. Available from: <https://splash247.com/vast-majority-fear-introduction-sulphur-cap-will-unholy-mess/> With less than 18 months to go until the start of IMO's global sulphur cap an overwhelming 86% of Splash voters believe the new law will suffer a disastrous introduction.

Face-off over sulphur cap is turning ugly. By Richard Clayton. *Lloyd's List*. 13 June 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1122992/Faceoff-over-sulphur-cap-is-turning-ugly> Edmund Hughes, the head of air pollution and energy efficiency at the International Maritime Organization's Marine Environment Division, is in no mood for compromise.

Greece and Cyprus push for united approach on maritime regulations. By Nick Savvides. *Fairplay*. 14 June 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4302991/greece-and-cyprus-push-for-united-approach-on-maritime-regulations> Shipping ministers from Greece and Cyprus have entered discussions aimed at constructively contributing to the EU and IMO's efforts for a common regulatory approach for the maritime industry.

Middle East bunkers provide safe port in IMO 2020 storm. By Paul Hickin. *The National (United Arab Emirates)*. 14 June 2018. Available from: <https://www.thenational.ae/business/energy/middle-east-bunkers-provide-safe-port-in-imo-2020-storm-1.739728> Shipping fuel markets are facing a historic shakeup.

Reducing carbon emissions: is the shipping sector prepared? By Joe Baker. *Ship-Technology.Com*. 18 June 2018. Available from: <https://www.ship-technology.com/features/reducing-carbon-emissions-shipping-sector-prepared/> Ever since countries first pledged to take charge of their carbon footprints as part of 1997's Kyoto Protocol, the shipping sector has come under increasing scrutiny for its failure to respond to the climate change challenge.

Panagopoulos: LNG as fuel perfect bridge until 2050. By Jasmina Ovcina Mandra. *World Maritime News*. 19 June 2018. Available from: <https://worldmaritimenews.com/archives/255097> 2050 has been set as the deadline by which the international shipping community is required to halve its carbon footprint when compared to the 2008 levels of emissions, as prescribed by the International Maritime Organization (IMO).

Global sulphur cap is a revolution whose time has come. By Richard Clayton. *Lloyd's List*. 21 June 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1123111/Global-sulphur-cap-is-a-revolution-whose-time-has-come> You wait ages for a revolution, then three come along at once.

Notice of policy implementing the 2016 Amendments to STCW in support of the Polar Code.

US Coast Guard Maritime Commons. 22 June 2018. Available from:

<http://mariners.coastguard.dodlive.mil/2018/06/22/6-22-2018-notice-of-policy-implementing-the-2016-amendments-to-stcw-in-support-of-the-polar-code/>

The Coast Guard announced in the Federal Register the availability of CG-MMC Policy Letter No. 02-18 titled "Guidelines for Qualifications of Personnel for Issuing STCW Endorsements for Basic and Advanced Polar Code Operations."

IBIA continues to promote sensible approach to sulphur testing and compliance verification at IMO. By Unni Einemo.

International Bunker Industry Association (IBIA). 25 June 2018. Available from:

<https://ibia.net/ibia-continues-to-promote-sensible-approach-to-sulphur-testing-and-compliance-verification-at-imo/>

IBIA is continuing its efforts for IMO to adopt guidelines ahead of 2020 that will promote a uniform approach to fuel oil testing and reporting protocol for the verification of compliance with MARPOL Annex VI sulphur limits.

EnSys and Navigistics still see major impacts and big risks from the IMO 2020 Sulphur Rule in Full Update to 2016 Study. By Connor Ross.

EnSys Energy. 25 June 2018. Available from:

<https://www.ensysenergy.com/posts/ensys-navigistics-still-see-major-impacts-big-risks-imo-2020-sulphur-rule-full-update-2016-study/>

EnSys Energy and Navigistics Consulting just completed a full update of their Supplemental Marine Fuel Availability Study covering the IMO's 2020 marine fuel regulation limiting Sulphur content to 0.5% - unless subject to the 0.1% limit inside of special Emission Control Areas (ECAs).

Piecemeal regulation hinders the adoption of green technologies. By Conte Cicala and Mike Jacob.

Institute of Marine Engineering, Science and Technology (IMarEST). 27 June 2018.

Available from: <https://www.imarest.org/policy-news/institute-news/item/4317> 67% of respondents believe "differences in regional and international regulation will impede adoption" of green technologies.

IMO 2020 poses 'big risks'. By Michael Juliano.

TradeWinds. 27 June 2018. Available from:

<http://www.tradewindsnews.com/tankers/1522417/imo-2020-poses-big-risks> The pending IMO 2020 mandate curbing ship exhaust's sulphur content to 0.5% may pose negative consequences for the maritime industry and global economy, marine fuel experts say.

SEAFARERS

New ratings training expands maritime sector job opportunities for SA youth.

South African Maritime Safety Authority (SAMSA). 2 June 2018. Available from:

<https://blog.samsa.org.za/2018/06/02/new-ratings-training-expands-maritime-sector-job-opportunities-for-sa-youth/>

Launch of the practical aspect of the ratings training took place at the port of Port Elizabeth on Thursday when the first group of 20 youths - 11 males and nine females - boarded the *SA Agulhas* to join in on its two weeks ocean sojourn on the Indian Ocean on a scientific research mission.

Human factor critical to the success of shipping - NIMASA DG ...charges ILO to consider geopolitical peculiarities in reviewing Labour Convention. By Isichei Osamgbi.

Nigerian Maritime Administration and Safety Agency (NIMASA). 4 June 2018. Available from:

<https://bit.ly/2LbLpxS> The Director General of NIMASA Dr. Dakuku Peterside has stressed the importance of human factors to successful shipping, stating that it is one of the most important elements in achieving competitive edge and safety in the maritime industry.

Lloyd's Register invests in the future performance of today's seafarers. Sailors' Society.

4 June 2018. Available from: <https://bit.ly/2N0TCoZ>

Lloyd's Register (LR) has committed to make a donation to Sailors' Society for every new registration to use their digital table that they receive at their stand during this year's Posidonia.

Maritime jobs in focus at Seafarers UK. By Paul Stuart-Smith. *Fairplay*. 4 June 2018. Available from: <https://fairplay.ihs.com/markets/article/4302281/maritime-jobs-in-focus-at-seafarers-uk> Announcing the theme 'Maritime Industry Jobs', Seafarers UK has launched this year's Seafarers Awareness Week campaign with the focus on promoting maritime career opportunities at sea and ashore.

Migrant seafarers lament 'being treated like dogs, cows'. By Ko Dong-hwan. *Korea Times*. 4 June 2018. Available from: http://www.koreatimes.co.kr/www/nation/2018/06/177_250025.html A migrant workers' rights activist has lambasted the South Korean government for ignoring migrant seafarers' working environment, fraught with abuse, revealing part of a poem shared by the Vietnamese sailors who refer to themselves as "dogs and cows."

Seafarers' Happiness Index: Q1 2018. *Mission to Seafarers*. June 2018. Available from: <https://www.missiontoseafarers.org/Handlers/Download.ashx?IDMF=23e96ae5-8f59-47a9-90a3-04b1d13f99b9> This is an ongoing study measuring how happy people are about the various elements of their working life gives a picture of the real successes and problems within seafaring.

Industry still 'struggling' with seafarer happiness. By Sam Chambers. *Splash 247.Com*. 5 June 2018. Available from: <https://splash247.com/industry-still-struggling-seafarer-happiness/> The Mission to Seafarers has just published the latest of its ongoing Seafarer Happiness Index reports, which revealed further evidence between onboard connectivity and seafarer happiness levels

Sailors stranded off UAE coast rescued after more than a year at sea. By Nick Webster. *The National (United Arab Emirates)*. 6 June 2018. Available from: <https://www.thenational.ae/uae/sailors-stranded-off-uae-coast-rescued-after-more-than-a-year-at-sea-1.737388> A financial dispute that left sailors stranded on board a ship anchored off Sharjah has been resolved and the crew have been allowed to return home.

Indonesia supports Maritime Labour Convention amendment. *Antara News (Indonesia)*. 12 June 2018. Available from: <https://en.antaranews.com/news/116122/indonesia-supports-maritime-labour-convention-amendment> Indonesia has expressed its support for the ratification of the amendment of Maritime Labor Convention (MLC) governing the guarantee of financial rights for seafarers who are victims of pirate hostage or crimes at sea.

Unions and owners make united call on seafarer visas. *Nautilus International*. 12 June 2018. Available from: <https://www.nautilusint.org/en/news-insight/news/unions-and-owners-make-united-call-on-seafarer-visas/> Seafaring unions and shipowners have made a joint appeal for action to facilitate seafarers' travel to and from the European Union.

ITF and FTA collaborate to repatriate seafarers from UAE. *International Transport Workers' Federation (ITF)*. 14 June 2018. Available from: <http://www.itfglobal.org/en/news-events/press-releases/2018/june/itf-and-fta-collaborate-to-repatriate-seafarers-from-uae/> The seafarers on board these vessels have endured inhumane conditions as the owner systematically abandoned them without wages, without food and water and without fuel to power the basic necessities like refrigeration and air conditioning.

Could ship finance help resolve crew abandonment? By David Galea. *Splash 247.Com*. 20 June 2018. Available from: <https://splash247.com/ship-finance-help-resolve-crew-abandonment/> For the past seven years we have seen double-digit instances of crew abandonment.

Fuel for thought from Union during Seafarers Awareness Week. *Nautilus International*. 21 June 2018. Available from: <https://www.nautilusint.org/en/news-insight/news/fuel-for-thought-from-union-during-seafarers-awareness-week/> Petrol stations will this month pump out the Union's message of how vital seafarers are for the UK economy – with 95% of everything that is imported to the UK, including the oil for our petrol and diesel, coming by sea.

Singapore celebrates 'Day of Seafarer 2018' to thank seafarers. *Maritime and Port Authority of Singapore (MPA)*. 25 June 2018. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/1e156558-fb66-43e9-b094-3dac4cdd8164> In conjunction with the 'Day of Seafarer 2018', Jurong Port (JP), the Maritime and Port Authority of Singapore (MPA), PSA, the Singapore Maritime Officers' Union (SMOU), and the Singapore Organisation of Seamen (SOS) will jointly present 600 gift hampers to ships calling at Singapore.

Female seafarers less happy than male counterparts. *By Tanya Blake. Fairplay*. 25 June 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4303406/female-seafarers-less-happy-than-male-counterparts> Female seafarers are less happy on average than male seafarers, according to findings from the Mission to Seafarers' Happiness Index.

The future of the modern seafarers' profession. *By European Community Shipowners' Associations (ECSA). Maritime Executive*. 25 June 2018. Available from: <https://www.maritime-executive.com/editorials/the-future-of-the-modern-seafarers-profession> Shipping and seafarers keep world commerce and trade running.

Sailors to send home \$6-billion this year. *By Maricel Cruz. Manila Standard*. 25 June 2018. Available from: <http://thestandard.com.ph/news/national/268986/sailors-to-send-home-6-billion-this-year.html> The cash sent home by overseas Filipino sailors through banks is projected to top the \$6-billion mark this year amid mounting deployment, a party-list lawmaker said on Monday.

New report reveals impact of digital access on seafarers' well-being and social connections. *Sailors' Society*. 25 June 2018. Available from: <https://www.sailors-society.org/about-us/press-room/inmarsat/> A new report looking at crew connectivity on ships has revealed the emotional and operational impact on professional seafarers who are often away for up to six months at a time with limited opportunities to interact digitally with friends and family.

Ghana marks International Day of Seafarer. *Ghana Broadcasting Corporation (GBC)*. 26 June 2018. Available from: <http://www.gbcghana.com/1.11598940> Ghana has marked this year's International Day of the Seafarer with a promise to commence the issuance of Biometric Discharge Books to Ghanaian seafarers from July 2018.

Seafaring as a profession. *By Brenda V.Pimentel. Manila Times*. 26 June 2018. Available from: <http://www.manilatimes.net/seafaring-as-a-profession/412605/> By the time this article sees print we would have celebrated the Day of the Seafarer meant to give tribute to all seafarers, regardless of nationality, gender and rank.

European social partners eager to make shipping more attractive for women seafarers. *European Community Shipowners' Associations (ECSA)*. 26 June 2018. Available from: <https://www.ecsa.eu/news/european-social-partners-eager-make-shipping-more-attractive-women-seafarers> European Transport Workers Federation, (ETF) and the European Community Shipowners' Associations (ECSA) have today discussed possible solutions to increase women's participation in the shipping industry in Europe.

Liberia underlines commitment to seafarer wellbeing on IMO Day of the Seafarer. *Liberian Registry*. 26 June 2018. Available from: <http://www.lisr.com/blog/liberia-underlines-commitment-seafarer-wellbeing-imo-day-seafarer> The Liberian Registry has underlined its commitment to protecting the welfare of seafarers on the occasion of the International Maritime Organization's Day of the Seafarer, which this year takes 'seafarer wellbeing', and mental health in particular, as its theme.

Seafarers' world due for a significant shakeup in South Africa: Department of Transport.

South African Maritime Safety Authority (SAMSA). 26 June 2018. Available from:

<https://blog.samsa.org.za/2018/06/26/seafarers-world-due-for-a-significant-shakeup-in-south-africa-department-of-transport/> The policy shifts by government, driven by the Department of Transport in collaboration with the maritime sector and various others, emerged during observation of the international Day of the Seafarer held in Cape Town on Monday - one of three similar events held also in Port Elizabeth and Durban.

Protecting seafarers' welfare - the Mentoring Seafarers Project. *Solent University (UK)*.

26 June 2018. Available from: https://www.youtube.com/watch?v=OimlVV_yWw&feature=youtu.be

With seafarers' wellbeing one of the focuses of National Seafarers Week 2018, Solent researchers are looking at how mentoring schemes can ensure long-term benefits in education and wellbeing - improving retention and creating a safer, more efficient industry.

Nautilus spotlight on maritime careers transitions. *Nautilus International*. 27 June 2018.

Available from: <https://www.nautilusint.org/en/news-insight/news/nautilus-spotlight-on-maritime-careers-transitions/> To help members get the information they need to progress in their maritime careers, Nautilus has put together some case studies from seafarers who share insights on what was helpful to them in transitioning to different roles within the industry.

Seafarers on hunger strike, seek pension, increase in wages. *By Dhruv Johri. Indian Express.*

27 June 2018. Available from: <https://indianexpress.com/article/cities/mumbai/seafarers-on-hunger-strike-seek-pension-increase-in-wages-5234857/> A few hundred seafarers began an indefinite hunger strike at several ports across the country on Monday demanding pension and increase in minimum wages.

Maritime transport workers of Azerbaijan celebrate their professional holiday. *Port News.*

28 June 2018. Available from: <http://portnews.ru/news/260494/> Maritime transport workers of Azerbaijan celebrate their professional holiday, says press center of Azerbaijan Caspian Shipping Company.

SEARCH & RESCUE

MISC crew rescues fisherman adrift for twenty days. *Maritime Executive*. 30 May 2018.

Available from: <https://maritime-executive.com/article/misc-crew-rescues-fisherman-adrift-for-twenty-days> A Filipino fisherman stranded in the middle of the North Pacific Ocean, more than 400 nautical miles from Philippines coast, was rescued on Saturday, May 26, 2018 thanks to the efforts of the crew of MISC's LNG vessel, *Seri Begawan*.

After weeks with separate war games, Norway and Russia again meet at sea for joint SAR exercise. *By Thomas Nilsen. Independent Barents Observer (Norway)*. 2 June 2018. Available from:

<https://thebarentsobserver.com/en/node/4006> It has been a busy spring with several exercises in Arctic waters for both Norwegian navy and Russia's Northern Fleet.

New age in emergency response arrives. *By Adam Corbett. TradeWinds*. 7 June 2018.

Available from: <http://www.tradewindsnews.com/casualties/1502941/new-age-in-emergency-response-arrives> There are likely to be two new providers of global maritime distress and safety systems (GMDSS) by 2020 as shipping's regulator attempts to bring the near 30-year-old system up to date with advanced satellite and communications technology.

Wallem vessel rescues six fishermen. *Wallem Group*. 12 June 2018. Available from:

<https://www.wallem.com/news/wallem-vessel-rescues-six-fishermen/> On Saturday 9th June 2018, the Captain and crew of the Wallem-managed vessel the *KSL Seoul* rescued six fishermen after their boat was involved in an accident and subsequently capsized.

Politics puts lives at risk in European waters. By Helen Kelly. *Lloyd's List*. 12 June 2018.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1122988/Politics-puts-lives-at-risk-in-European-waters> The stance taken by Italy and Malta over the receipt of a migrant rescue ship with 629 souls on board is a shameful act of populist politics that is putting lives at risk and undermining international treaties on the safety of life at sea.

USNS Trenton Statement: June 2018. *United States Navy*. 12 June 2018. Available from:

<http://www.cfm.navy.mil/news/usns-trenton-statement-june-2018> Forty people have been recovered and re being provided food, water, and medical care on board *Trenton*.

[USNS Trenton Statement: Updated 15:50 CET, June 14, 2018](#)

Aquarius ship: ITF and ETF condemn actions of Italy and Malta. *International Transport Workers' Federation (ITF)*. 14 June 2018. Available from:

<http://www.itfglobal.org/en/news-events/press-releases/2018/june/aquarius-ship-itf-and-etf-condemn-actions-of-italy-and-malta/> The ITF is also concerned about the possible future implications for merchant ships that have met their UNCLOS and SOLAS obligations and rescue persons in distress at sea.

22 rescued from burning ship after 10-hour drama. By Jayanta Gupta. *Times of India*.

15 June 2018. Available from: <https://timesofindia.indiatimes.com/city/kolkata/22-rescued-from-burning-ship-after-10-hour-drama/articleshow/64598971.cms> *MV SSL Kolkata*, a cargo vessel carrying 464 containers from Krishnapatnam to Kolkata, caught fire shortly before midnight on Wednesday nearly 160km from Kolkata and 30km downstream from the anchorage at the Sandheads, forcing the 22-member crew to abandon the ship on Thursday morning.

The Lloyds List podcast: Migrant crisis. *Lloyd's List*. 15 June 2018. Available from:

<https://bit.ly/2Lbtlnv> Following a diplomatic furore this week when Italy and Malta refused to take in a vessel full of migrants in the Mediterranean, International Chamber of Shipping secretary-general Peter Hinchliffe has called for joined up government in Europe to provide a policy, and a long term strategy, on migration by sea.

USNS Trenton transfers rescued mariners. *United States Navy*. 17 June 2018. Available from:

http://www.navy.mil/submit/display.asp?story_id=106030 The Spearhead-class expeditionary fast transport *USNS Trenton* (T-EPF 5) conducted a passenger transfer of 41 people with ships from the Italian Coast Guard off the coast of the island of Lampedusa, Italy, June 17.

Italy migrants: Who is responsible for helping out at sea? *BBC News*. 17 June 2018. Available

from: <https://www.bbc.co.uk/news/world-44458441> Malta's Prime Minister Joseph Muscat said Italy had broken international rules, and the plight of the *Aquarius* led to a diplomatic row between Italy and France.

Shipping's rescue role in refugee crisis may not be sustainable. By Terry Macalister.

TradeWinds. 21 June 2018. Available from:

<http://www.tradewindsnews.com/casualties/1515208/shippings-rescue-role-in-refugee-crisis-may-not-be-sustainable> The United Nations' World Refugee Day passed on Wednesday with 600 migrants having landed at the port of Valencia in Spain.

The *Aquarius* and its historic precedents: Rescue at sea and the politics of disembarkation.

By Katy Budge. *Huffington Post UK*. 22 June 2018. Available from:

https://www.huffingtonpost.co.uk/entry/the-aquarius-and-its-historic-precedents-rescue-at-uk_5b2a3bd1e4b061fc68707f94 Shortly after dawn on Sunday 17 June 2018, the 629 people rescued in the Mediterranean by *The Aquarius* were disembarked in the Spanish port of Valencia

Italy migrant row: 'Inhumane' Malta refuses rescue ship. *BBC News*. 22 June 2018. Available

from: <https://www.bbc.co.uk/news/world-europe-44571150> Italian authorities said the *Lifeline* and *Seefuchs*, operated by the German migrant rescue group Mission Lifeline, were "illegally" flying the Dutch flag.

Maersk boxship delayed due to EU migration debate. *Maritime Executive*. 24 June 2018.

Available from: <https://www.maritime-executive.com/article/maersk-boxship-delayed-by-eu-migration-impasse> The container ship *Alexander Maersk* has been delayed off Sicily with 113 maritime migrants aboard as Europe's debate over maritime migration continues.

Rescuing persons stranded at sea is a shared responsibility. *World Shipping Council*. 25 June 2018.

Available from: <https://bit.ly/2KS6uAD> On Friday, the containership *Alexander Maersk* picked up 113 migrants after a request by the Maritime Rescue Coordination Centre in Rome to change the vessel's course and assist in a Search and Rescue operation in international waters.

European shipowners call upon authorities to disembark the migrants on board the *Alexander Maersk* as soon as possible. *European Community Shipowners' Associations (ECSA)*.

25 June 2018. Available from: <https://www.ecsa.eu/news/european-shipowners-call-upon-authorities-disembark-migrants-board-alexander-maersk-soon> ECSA, the European Community shipowners' associations, expressed on the 12th of June its concern about the problems the *Aquarius* vessel faced to disembark migrants in Malta and Italy and warned that also merchant vessels could be faced with this situation.

Shipping industry increasingly worried about EU Member States' policy on migrants rescued at sea. *International Chamber of Shipping (ICS)*. 26 June 2018. Available from: <http://www.ics-shipping.org/news/press-releases/2018/06/26/shipping-industry-increasingly-worried-about-eu-member-states-policy-on-migrants-rescued-at-sea>

The global trade association for ship operators - the International Chamber of Shipping (ICS) - is increasingly concerned about the new policy of the Italian Government to close its ports to migrants rescued by ships at sea.

Merchant shipping caught in the migrant-crisis crossfire. By Tanya Blake. *Fairplay*. 26 June 2018.

Available from: <https://fairplay.ihs.com/safety-regulation/article/4303461/merchant-shipping-caught-in-the-migrant-crisis-crossfire> Calls have come for European Union (EU) leaders to urgently develop an EU-wide, co-ordinated migrant and refugee rescue plan amid the Italian government's continued refusal to allow commercial ships carrying persons rescued off the country's coast to disembark at its ports.

Migrant rescue ship *Lifeline* to dock in Malta after being stranded for five days in the Mediterranean. By Livia Borghese, Saskya Vandoorne, and Judith Vonberg. *CNN*. 26 June 2018.

Available from: <https://edition.cnn.com/2018/06/26/europe/migrant-ships-maersk-lifeline-intl/index.html> A search-and-rescue ship stranded in the Mediterranean since Friday with 233 migrants on board will finally dock in Malta, Italian Prime Minister Giuseppe Conte said.

Crew of ill-fated vessel saved off Colombo. *Government of Sri Lanka*. 27 June 2018.

Available from: <https://reut.rs/2JnJ0Th> Sri Lanka Navy lent assistance to a ship in distress on Tuesday.

In the new climate of fear, our rescue boat turned away from people drowning.

By Peter Martin. *New Statesman*. 27 June 2018. Available from:

<https://www.newstatesman.com/world/europe/2018/06/new-climate-fear-our-rescue-boat-turned-away-people-drowning> A little after 9.30pm on Monday 18 June, during my watch on the *Seefuchs'* bridge, our ship's command station, I overheard a message on the emergency radio channel.

German migrant rescue ship *Lifeline* docks in Malta after port blockages. *Deutsche Welle*

(Germany). 27 June 2018. Available from: <https://www.dw.com/en/german-migrant-rescue-ship-lifeline-docks-in-malta-after-port-blockages/a-44423091> After floating around the Mediterranean for days, the rescue ship *Lifeline* has arrived in a Maltese port.

IOM-UNHCR Proposal to the European Union for a regional cooperative arrangement ensuring predictable disembarkation and subsequent processing of persons rescued at sea.

International Organization for Migration (IOM). 29 June 2018. Available from:

<https://www.iom.int/news/iom-unhcr-proposal-european-union-regional-cooperative-arrangement-ensuring-predictable>

Approximately 40,000 refugees and migrants have arrived in Europe via maritime routes in 2018 to date.

European government policies condemn people to be locked up in Libya or drown at sea.

Médecins Sans Frontières (MSF). 29 June 2018. Available from: <https://www.msf.org/european-government-policies-condemn-people-be-locked-libya-or-drown-sea>

European governments must come to their senses and end policies which trap extremely vulnerable people in Libya or leave them to die at sea, said MSF as governments gather for the European Council Summit today.

SHIP RECYCLING

Photos: Shipbreaking on the beaches of Alang. *gCaptain*. 31 May 2018. Available from:

<http://gcaptain.com/photos-shipbreaking-in-alang-india/> Reuters' photographer Amit Dave has published a series of photos taken just this week at a shipbreaking yard in Alang, India, where many of the world's ships continue to be sent at the end of their operational lives.

Where do old cruise ships go to die? By Fran Golden. *Bloomberg*. 31 May 2018. Available from:

<https://www.bloomberg.com/news/articles/2018-05-31/where-do-old-cruise-ships-go-to-die> On a recent four-night cruise to the Bahamas on the 2,758-passenger *Carnival Victory*, a lively crowd was downing neon drinks at an equally fluorescent bar in the ship's multi-story atrium.

Abandon ship: oil tanker scrappage to hit multi-year high as earnings sink.

By Jessica Jaganathan. *Reuters*. 3 June 2018. Available from: <https://reut.rs/2JnJ0Th> The shipping industry will this year scrap the largest number of oil tankers in over half-a-decade, driven by weak earnings, firm prices for scrap steel and the need to prepare fleets for strict new environmental regulations.

The NGO Shipbreaking Platform presents Annual Report 2017. *NGO Shipbreaking Platform*.

7 June 2018. Available from: <http://www.shipbreakingplatform.org/ngo-shipbreaking-platform-presents-annual-report-2017/> The NGO Shipbreaking Platform works to ensure that vessels are recycled without causing harm to workers and the environment. [Annual Report 2017](#)

NGO Shipbreaking readies personal injury cases against owners. By Adam Corbett.

TradeWinds. 12 June 2018. Available from: <https://bit.ly/2KT7i8U> NGO Shipbreaking Platform is hoping to bring more personal injury cases against shipowners to UK courts within the next year after helping win compensation for a Bangladeshi shipbreaking worker against Zodiac Maritime.

Shipping industry presses to undermine European Ship Recycling Regulation.

NGO Shipbreaking Platform. 20 June 2018. Available from:

<http://www.shipbreakingplatform.org/platform-news-shipping-industry-presses-to-undermine-european-ship-recycling-regulation/> On Monday, the EU member states' experts on ship recycling met in Brussels to discuss the latest developments, six months ahead of the application of the 2013 Ship Recycling Regulation.

European Shipowners encourage the European Commission to have sufficient recycling capacity on the EU approved ship recycling yards list. *European Community Shipowners' Associations (ECSA)*.

22 June 2018. Available from: <https://bit.ly/2zxJQc3> All vessels sailing under an EU flag will eventually be required to use an approved ship recycling facility, once the EU Ship Recycling Regulation effectively applies.

SHIPBUILDING & SHIPREPAIR

Wärtsilä solutions chosen for new environmentally-friendly dredger. *Wärtsilä Corporation.* 31 May 2018. Available from: <https://www.wartsila.com/media/news/31-05-2018-wartsila-solutions-chosen-for-new-environmentally-friendly-dredger-2197106> The technology group Wärtsilä will provide the engines, propellers, and control system for a new, large-size hopper dredger being built by the Netherlands-based shipbuilding company Damen Shipyards Group.

New expedition cruise ship capable of 40 days without resupply. *Maritime Executive.* 12 June 2018. Available from: <https://maritime-executive.com/article/new-expedition-cruise-ship-capable-of-40-days-without-resupply#gs.b3o8B84> Quark Expeditions has ordered a new expedition cruise ship designed for 40 days operation in polar regions without the need to resupply.

Dual-fuel tanker *Thun Eos* launched by Ferus Smit. By Craig Jallal. *Marine Propulsion & Auxiliary Machinery.* 18 June 2018. Available from: http://www.mpropulsion.com/news/view,dualfuel-tanker-ithun-eosi-launched-by-ferus-smit_52160.htm Saturday 16 June 2018 saw the launch by Scheepswerf Ferus Smit in the Netherlands of *Thun Eos*, the lead tanker in the new E-Tanker series for Swedish operator Thun Tankers.

SHIPPING

Methanol bunkers good for IMO 2020 and gives shipping a pathway to zero-carbon fuel: Report. *Ship & Bunker.* 31 May 2018. Available from: <https://shipandbunker.com/news/world/787285-methanol-bunkers-good-for-imo-2020-and-gives-shipping-a-pathway-to-zero-carbon-fuel-report> A new report released today by Sustainable Marine Methanol has concluded that the adoption of methanol bunkers gives the Shipping industry a way to immediately reduce its emissions footprint with also offering a pathway to zero-carbon bunkers.

Social media performance: The liners. By Graeme Somerville-Ryan. *Splash 247.Com.* 31 May 2018. Available from: <https://splash247.com/social-media-performance-liners/> As some of the biggest shipping companies around, liners often take the spotlight in the shipping industry's public profile.

Shipping must succeed in drive to meet new sulphur regulations. By Terry Macalister. *TradeWinds.* 31 May 2018. Available from: <http://www.tradewindsnews.com/casualties/1500465/shipping-must-succeed-in-drive-to-meet-new-sulphur-regulations> The International Chamber of Shipping is maybe right to warn of "chaos and confusion" if the world continues to sleepwalk into the new age of low-sulphur fuels.

Turkey sends out first drilling vessel to eastern Mediterranean Sea to find oil, natural gas. *Daily Sabah (Turkey).* 31 May 2018. Available from: <https://www.dailysabah.com/energy/2018/06/01/turkey-sends-out-first-drilling-vessel-to-eastern-mediterranean-sea-to-find-oil-natural-gas> Turkey's first drilling vessel, which was named after Istanbul's conqueror Ottoman Sultan *Fatih* Sultan Mehmet, sailed off to the Mediterranean to start the country's first deep-sea drilling operations.

The dirty secret of bunker contamination. By Adrian Tolson. *Ship & Bunker.* 1 June 2018. Available from: <https://shipandbunker.com/news/world/185568-the-dirty-secret-of-bunker-contamination> The recent news from Veritas Petroleum Services (VPS) regarding fuel contamination issues, which hit over 30 vessels in Houston is hard evidence of the serious problems and challenges that we have within the bunkering industry.

Historic growth in Danish shipping registries continues. *Danish Maritime Authority.*

1 June 2018. Available from: <https://www.dma.dk/Presse/Nyheder/Sider/Historic-growth-in-Danish-shipping-registries-continues.aspx> Even though Denmark is not the world's biggest ship registry, we are now in front when it comes to growth rate over the past year, which means that in just one month, the Danish International Shipping Register has grown from 20 mio. BT to 20,5, and that there is now more than 700 ships registered in DIS.

Women in Shipping Watch - Expert thinking on the gender perspective in leadership.

Safety4Sea. 1 June 2018. Available from: <https://safety4sea.com/cm-women-in-shipping-watch-expert-thinking-on-the-gender-perspective-in-leadership/> For some, leadership is motivation, for others inspiration.

Sustainable shipping: Best practices. *Safety4Sea.* 3 June 2018. Available from:

<https://safety4sea.com/cm-sustainable-shipping-best-practices/> Sustainable shipping should be part of organizations' corporate strategy; it recommends beneficial actions for various stakeholders that the organization relates with by achieving simultaneously financial, social and environmental benefits.

MPA awards S\$6 million to FueLNG Pte Ltd and Pavilion Gas Pte Ltd to drive ship-to-ship bunkering. *Maritime and Port Authority of Singapore (MPA).* 4 June 2018. Available from:

<https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/803e10b2-cdcc-4144-a396-78c648b48e25> The Maritime and Port Authority of Singapore (MPA) has awarded S\$6 million to FueLNG Pte Ltd and Pavilion Gas Pte Ltd for the building of two Liquefied Natural Gas (LNG) bunker vessels, in a move that will help promote ship-to-ship LNG bunkering in Singapore.

Posidonia 2018: Dry bulk owners united in call for slower vessel speeds. *By Nicola Good.*

Fairplay. 4 June 2018. Available from: <https://fairplay.ihs.com/bulk/article/4302621/posidonia-2018-dry-bulk-owners-united-in-call-for-slower-vessel-speeds> It's time to go slower, not only because it is good for the environment, but also because it will help stabilise fleet capacity with demand.

DNV GL at Posidonia 2018: Classification more relevant than ever. *DNV GL.* 4 June 2018.

Available from: <https://www.dnvgl.com/news/dnv-gl-at-posidonia-2018-classification-more-relevant-than-ever-122490> Leading off the press conference, DNV GL Group President & CEO Remi Eriksen explained that two mega-trends are impacting the maritime industry: decarbonisation and digitalisation.

LR: zero emission ships' main challenge lies in fuel storage. *World Maritime News.*

4 June 2018. Available from: <https://worldmaritimeweb.com/archives/254222> The shipping sector recently took a giant leap toward decarbonisation as the International Maritime Organization's (IMO) member states agreed on the requirement which would see the industry reduce its emissions by at least 50 pct by 2050 compared to 2008.

This is why the green transition is challenging to shipping. *By Louise Vogdrup-Schmidt.*

ShippingWatch. 4 June 2018. Available from: <https://shippingwatch.com/secure/carriers/article10659070.ece> Shipping is slow to implement and complete the green transition, a process currently being undertaken across all sectors.

Another blow to sheep live-ex viability. *By Shan Goodwin.* *North Queensland Register (Australia).* 5 June 2018. Available from:

<https://www.northqueenslandregister.com.au/story/5449117/another-blow-to-sheep-live-ex-viability/> Changes to international shipping regulations may further drain the economical viability from the live sheep game and see it fade as a marketing option for producers regardless of what plays out politically.

Maritime Philippines in international shipping. By Brenda V.Pimentel. *Manila Times.*

5 June 2018. Available from: <http://www.manilatimes.net/maritime-philippines-in-international-shipping/404624/> Last week I participated in the Round Table Discussions (RTD) for international shipping convened by the National Coast Watch Council (NCWC) and the Movement for Maritime Philippines (MMP) and where I had the rare chance of meeting Ambassador Carlos C. Salinas, erstwhile Philippine envoy to Spain and now International Maritime Organization (IMO) Ambassador.

Jamaica hosts workshop on emissions from international shipping. *Hellenic Shipping News.*

5 June 2018. Available from: <https://www.hellenicshippingnews.com/jamaica-hosts-workshop-on-emissions-from-international-shipping/> Cutting greenhouse gas emissions from shipping and port operations came under sharp focus when the Maritime Authority of Jamaica hosted an important workshop on the Prevention and Control of Shipping and Port Air Emissions.

Transport Minister highlights important role of MAJ. By Latonya Linton.

Jamaica Information Service. 5 June 2018. Available from: <https://jis.gov.jm/transport-minister-highlights-important-role-of-maj/> Minister of Transport and Mining, Hon. Robert Montague, says the Maritime Authority of Jamaica (MAJ) is slated to play a critical role in the economic development of the country.

Growing a vibrant maritime entrepreneurial and innovation ecosystem through PIER71.

Maritime and Port Authority of Singapore (MPA). 6 June 2018. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/a316c30f-7339-468c-a7bb-cea9aadd287a> Port Innovation Ecosystem Reimagined @ Block71 - was officially launched today by Dr Lam Pin Min, Senior Minister of State, Ministry of Transport and Ministry of Health.

Shipping sector's greenhouse gas emissions reduction strategy discussed.

European Community Shipowners' Associations (ECSA). 6 June 2018. Available from: <http://www.ecsa.eu/news/shipping-sectors-greenhouse-gas-emissions-reduction-strategy-discussed> The European shipowners together with MEP Wim van de Camp yesterday organised a seminar in the European Parliament to discuss the International Maritime Organization (IMO) initial Greenhouse Gas (GHG) emissions reduction strategy for shipping.

European shipowners on greenhouse gas emissions. By Aiswarya Lakshmi. *MarineLink.*

6 June 2018. Available from: <https://www.marinelink.com/news/european-shipowners-greenhouse-gas-438306> The initial strategy was adopted in the 72nd session of the Marine Environment Protection Committee (MEPC) of the IMO in April this year, said a release from European Community Shipowners' Associations (ECSA).

Shipping lags behind in new tech adoption, but change is inevitable Posidonia 2018 experts agree. *Posidonia Exhibitions SA.* 6 June 2018. Available from: <http://posidonia-events.com/press-releases/posidonia/article/76/shipping-lags-behind-new-tech-adoption-change-inevitable-posidonia-2018-experts-agree/> Digital Transformation in Shipping Industry Digitalization, cyber technologies, autonomous mobility and artificial intelligence (AI) are the driving forces shaping tomorrow's shipping industry today, as dozens of Internet service providers and AI specialist firms are attracting much attention this week on the exhibition floor of Posidonia 2018, the world's most prestigious shipping event, which is hosting a total of 2,010 exhibitors from 92 countries...

Round-table meeting dedicated to maritime transportation of dangerous cargo kicked off in Saint-Petersburg. *Port News.* 7 June 2018. Available from: <http://portnews.ru/news/259446/>

Round-table meeting "Maritime transportation of dangerous cargo of Class 1 - explosives" organized by Media Group PortNews in partnership with Marine Cargo Bureau, one of Russia's leaders in safe overseas shipping services, kicked off in Saint-Petersburg.

BIMCO helps pave the way for automated ship reporting. By Jeppe Skovbakke Juhl. *BIMCO*. 8 June 2018. Available from: <https://www.bimco.org/news/maritime-digitalisation/2018/20180608-automated-ship-reporting> As the shipping sector strives for efficiency, BIMCO has provided input at the International Maritime Organisation (IMO) in a bid to facilitate the harmonisation of data ahead of the April 2019 deadline when new mandatory requirements come into force for automated ship reporting.

5 things we learned at Posidonia 2018. By Marcus Hand. *Seatrade Maritime News*. 8 June 2018. Available from: <http://www.seatrade-maritime.com/news/europe/5-things-we-learned-at-posidonia-2018.html> Not everyone thinks scrubbers are a bad idea for meeting the IMO 2020 low sulphur cap.

CLIA's Cindy D'Aoust outlines cruise environmental initiatives on World Oceans Day. By Cindy D'Aoust. *Seatrade Cruise News*. 8 June 2018. Available from: <http://www.seatrade-cruise.com/news/news-headlines/cindy-d-aoust-outlines-clia-environmental-initiatives-on-world-oceans-day.html> As they do, some may be concerned about the cruise industry's impact on oceans.

Fairplay's tonnage titans. By Nicola Good. *Fairplay*. 11 June 2018. Available from: <https://fairplay.ihs.com/article/4302556/fairplay%E2%80%99s-tonnage-titans> "My law in business is to be the one buying, not selling." So said Aristotle Onassis, probably the 20th century's most famous shipowner.

Shipping industry very concerned about Italian policy on migrants rescued at sea. *International Chamber of Shipping (ICS)*. 11 June 2018. Available from: <http://www.ics-shipping.org/news/press-releases/2018/06/11/shipping-industry-very-concerned-about-italian-policy-on-migrants-rescued-at-sea> ICS is deeply concerned about the apparent new policy of the Italian Government to close its ports to migrants rescued by vessels operated by humanitarian NGOs.

WISTA AMERICAS 2018, growing the regional community. *MundoMaritimo*. 11 June 2018. Available from: <http://www.mundomaritimo.net/noticias/wista-americas-2018-growing-the-regional-community> To be held June 18-20 in Buenos Aires, Argentina, WISTA AMERICAS 2018 will unite women in shipping and trade from all over the continent to meet and develop relationships that can further the efforts of inclusion and gender equality throughout the region.

Stena Line eyes AI on ships to reduce fuel consumption. *Safety4Sea*. 11 June 2018. Available from: <https://safety4sea.com/stena-line-eyes-ai-on-ships-to-reduce-fuel-consumption/> The partnership will see a team of Hitachi experts review the existing digital architecture, in close collaboration with Stena Line, and advise the ferry company as it aims to become the world's leading cognitive shipping company by 2021.

European shipowners deeply concerned about looming prospect of global trade war. *European Community Shipowners' Associations (ECSA)*. 12 June 2018. Available from: <http://www.ecsa.eu/news/european-shipowners-deeply-concerned-about-looming-prospect-global-trade-war> European shipowners express their deepest concerns about recent developments on global bilateral trade relations.

IMO 2020: Industry on Course for Unparalleled Bunker Contamination Challenges, Says Tolson. *Ship & Bunker*. 13 June 2018. Available from: <https://shipandbunker.com/news/world/999822-imo-2020-industry-on-course-for-unparalleled-bunker-contamination-challenges-says-tolson> The industry faces unparalleled bunker contamination challenges in the post 2020 bunker market unless it takes action now, 20|20 Marine Energy's Adrian Tolson warned today.

Shipowners call for support from new EU budget. By Mette Mandrup. *ShippingWatch*. 14 June 2018. Available from: <https://shippingwatch.com/secure/carriers/article10685220.ece> EUR 100 billion of the coming EU budget for 2021-2027 will be earmarked for research, says the EU Commission, which last week presented its latest budget proposal.

Multimillion-dollar ship operations project launched in Grand Bahama. By Chester Robards. *Nassau Guardian (Bahamas)*. 14 June 2018. Available from: <https://thenassauguardian.com/2018/06/14/multimillion-dollar-ship-operations-project-launched-in-grand-bahama/> The official launch of a multimillion-dollar project on Grand Bahama today will mean jobs for Grand Bahamians and a more eco-friendly port.

Leading maritime companies sign gender diversity pledge. *Maritime UK*. 14 June 2018. Available from: <https://www.maritimeuk.org/media-centre/news/leading-maritime-companies-sign-gender-diversity-pledge/> Companies from across the maritime sector have started to sign a pledge aimed at supporting gender diversity and inclusion across the industry.

IBIA comment on current problem fuels from the US Gulf. *International Bunker Industry Association (IBIA)*. 15 June 2018. Available from: <https://ibia.net/ibia-comment-on-current-problem-fuels-from-the-us-gulf/> A significant number of ships have experienced serious operational problems - chiefly sticking/seizing fuel pumps and in some cases filter blockages - after lifting bunker fuels from the US Gulf region since late March and during April/May.

Recent legal developments in ship management. By Jan Rossi. *Times of Malta*. 16 June 2018. Available from: <https://www.timesofmalta.com/articles/view/20180616/business-news/recent-legal-developments-in-ship-management.681905> Ship management is a major sector of the shipping industry, with ship managers establishing themselves in a number of locations with notable ship management centres present in Cyprus, the Netherlands, Singapore and Hong Kong.

Cooperation for sustainable cruise tourism. By Jan Kjetil Paulsen. *Bellona Foundation*. 18 June 2018. Available from: <http://bellona.org/news/transport/2018-06-cooperation-for-sustainable-cruise-tourism> Norway has a strong position in international shipping and maritime technology, and the maritime sector has long been a key focus area for Bellona. [Agreement of cooperation with Carnival-of-cooperation-with-carnival](#)

Liberian Registry and China Classification Society sign innovation and technology MoU. *Ship Management International*. 19 June 2018. Available from: <http://shipmanagementinternational.com/liberian-registry-and-china-classification-society-sign-innovation-and-technology-mou/> The Liberian Registry has agreed a framework co-operation Memorandum of Understanding (MoU) with the China Classification Society (CCS) as the latest step in its strategy to collaborate effectively with its long-term key industry stakeholders.

Timing is everything. By Paul Gunton. *Marine Propulsion & Auxiliary Machinery*. 19 June 2018. Available from: http://www.mpropulsion.com/news/view.timing-is-everything_52189.htm Frustrated commuter Paul Gunton finds parallels between his commute and the industry's track towards the sulphur cap.

Hidden benefits of a shipboard asbestos survey. By John Chillingworth. *Maritime Executive*. 19 June 2018. Available from: <https://www.maritime-executive.com/editorials/hidden-benefits-of-a-shipboard-asbestos-survey> Inventory of Hazardous Materials (IHM) surveys, when carried out correctly, can have a range of unexpected benefits for ship owners.

Cargill sets goals to make ocean transportation safer, more efficient and sustainable. *Cargill*. 19 June 2018. Available from: <https://www.cargill.com/2018/cargill-sets-goals-to-make-ocean-transportation-safer> Cargill has published its first corporate responsibility report specifically for its ocean transportation business.

Livestock Shipping Services temporarily exits WA's live sheep trade as State officials raid big exporters. By Nick Evans and Jenne Brammer. *West Australian*. 19 June 2018. Available from: <https://thewest.com.au/business/agriculture/livestock-shipping-services-temporarily-exits-was-live-sheep-trade-as-state-officials-raid-big-exporters-ng-b88870681z> WA's \$250 million live sheep trade is on the brink after State officials raided the offices of WA's biggest live sheep exporter and the number two player confirmed its temporary exit of the trade.

LNG preferred as transport fuel, but lack of infrastructure a barrier. *Deloitte*. 20 June 2018. Available from: <https://www2.deloitte.com/au/en/pages/media-releases/articles/lng-preferred-transport-fuel-lack-infrastructure-barrier-200618.html> Switching to liquefied natural gas (LNG) is the preferred solution for shipping companies to adopt in order to meet the International Maritime Organization's (IMO) stringent new international emissions standards for marine bunker fuels, according to the findings of a survey by Deloitte.

Maritime leaders endorse green initiatives for shipping. *Port News*. 20 June 2018. Available from: <http://en.portnews.ru/news/260065/> On June 19th, Wisdom Events organised the Maritime2020 Summit in Copenhagen, Denmark at the iconic 5-star hotel D'Angleterre.

China and Denmark join forces to further maritime digitalization. *Danish Maritime Authority*. 20 June 2018. Available from: <https://bit.ly/2udghl2> As part of the maritime cooperation between Denmark and China, the Danish Maritime Authority (DMA) and China Maritime Safety Administration (China MSA) hold a joint seminar in China on e-navigation.

Alphaliner Chief Analyst: Cosco's new vessels are biggest threat facing container shipping. By Lasse Karner. *ShippingWatch*. 20 June 2018. Available from: <https://shippingwatch.com/secure/carriers/Container/article10701756.ece> Despite solid global growth and a surge in demand, the biggest liner shipping companies are on track for negative bottom lines for the rest of the year, says one of the container sector's premier analysts.

More leaders than laggards' in maritime digitalisation race. *The Motorship*. 21 June 2018. Available from: <http://www.motorship.com/news101/industry-news/more-leaders-than-laggards-in-maritime-digitalisation-race> At a press preview of the findings hosted at its office in Ålesund, western Norway, Inmarsat noted that the industry's reputation for being conservative was perhaps unjustified.

EU's \$250m marine LNG spending spree is a climate dead end. *UMAS*. 22 June 2018. Available from: <https://u-mas.co.uk/Latest/Post/383/EU-s-250m-marine-LNG-spending-sprees-is-a-climate-dead-end> A new study released by UMAS estimates that the EU has, to date, directly spent \$250 million on Liquefied Natural Gas (LNG) projects in the marine sector, providing 50% partnership funding with the private sector to support a total of \$500 million investment.

LNG as a marine fuel in the EU: Market, bunkering infrastructure investments and risks in the context of GHG reductions. *UMAS (Commissioned by Transport & Environment)*. 22 June 2018. Available from: <https://u-mas.co.uk/LinkClick.aspx?fileticket=yVGOF-ct68s%3d&portalid=0> In light of the recently adopted initial IMO strategy on reduction of GHG emissions and the Paris Agreement, there is a need to better understand the potential market for LNG as a marine fuel, bunkering infrastructure investments required and associated risks in the context of shipping GHG reduction.

Improvements to maritime sector on the cards. *Loop News (Barbados)*. 26 June 2018. Available from: <http://www.loopnewsbarbados.com/content/improvements-maritime-sector-cards> Changes are coming to Barbados' maritime sector which would see improvements across the board.

Q&A: Nusrat Ghani MP. *Seafarers UK*. 26 June 2018. Available from: <https://www.seafarers.uk/news/qa-nusrat-ghani-mp/> Parliamentary Under-Secretary (Department for Transport) and UK Maritime Minister Nusrat Ghani MP talks about her experiences working with the maritime industry.

The future of green shipping in the Baltic Sea. By Markus Helavuori and Alexey Bakhtov.

Open Access Government. 27 June 2018. Available from:

<https://www.openaccessgovernment.org/the-future-of-green-shipping-in-the-baltic-sea/47056/>

The density of shipping in the Baltic Sea is steadily growing, with already more than 2000 ships navigating simultaneously at any given moment.

WISTA AMERICAS 2018: Women's Leadership in the Region's Shipping Industry.

All About Shipping. 28 June 2018. Available from: <https://bit.ly/2maOP97> During two days representatives of shipping companies, charterers, shipping agencies, traders, logistics operators, ship suppliers, insurance and ship brokers, lawyers, public administration civil servants and many other persons from the shipping related sector; gathered together to enjoy thematic panels that addressed the current challenges being faced by the maritime-port industry...

At last, the shipping industry begins cleaning up its dirty fuels. By Maria Gallucci.

Yale Environment 360. 28 June 2018. Available from: <https://bit.ly/2tNnWvh> By 2020, the global shipping fleet will be required to slash the noxious emissions from thick, sulfur-laden "bunker" fuel, a move that is expected to sharply reduce air pollution and prevent millions of cases of childhood asthma and other respiratory ailments.

UAE maritime sector: Full speed ahead. By Keith J.Fernandez. Gulf News (UAE).

28 June 2018. Available from: <https://bit.ly/2NKIMVt> The UAE enjoys an intrinsic connection with the sea with Dubai's strategic location on the Strait of Hormuz making it one of the region's most important ports.

Cargill launches global CO2 Challenge to help decarbonize the shipping sector. Cargill.

28 June 2018. Available from: <https://www.cargill.com/2018/cargill-launches-global-co2-challenge-to-help-decarbonize> Today, Cargill launches the "CO2 Challenge" which aims to find and scale new technologies capable of reducing a ship's gross CO2 emissions by ten percent. [CO2 Challenge](#)

RESEARCH

International law poses problems for negative emissions research. Brent K, McGee, J et al.

Nature Climate Change. (2018). Available from: <https://doi.org/10.1038/s41558-018-0181-2> New international governance arrangements that manage environmental risk and potential conflicts of interests are needed to facilitate negative emissions research that is essential to achieving the large-scale CO2 removal implied by the Paris Agreement targets.

Corporate control and global governance of marine genetic resources.

Blasiak R, Jouffray, JB et al. *Science Advances*. (2018). Available from: <http://advances.sciencemag.org/content/4/6/eaar5237.abstract> Who owns ocean biodiversity?

Governance Solutions to the Tragedy of the Commons That Marine Plastics Have Become.

Vince J, Hardesty, BD. *Frontiers in Marine Science*. (2018). Available from: <https://www.frontiersin.org/article/10.3389/fmars.2018.00214> Plastic pollution has become the new millennium's tragedy of the commons.

Residual fossil CO2 emissions in 1.5-2 °C pathways. Luderer G, Vrontisi, Z et al.

Nature Climate Change. (2018). Available from: <https://doi.org/10.1038/s41558-018-0198-6> The Paris Agreement-which is aimed at holding global warming well below 2 °C while pursuing efforts to limit it below 1.5 °C-has initiated a bottom-up process of iteratively updating nationally determined contributions to reach these long-term goals.

Net-zero emissions energy systems. Davis SJ, Lewis, NS et al. Science. (2018). Available from:

<http://science.sciencemag.org/content/360/6396/eaas9793.abstract> Models show that to avert dangerous levels of climate change, global carbon dioxide emissions must fall to zero this century.

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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.