



Maritime Knowledge Centre (MKC)

INTERNATIONAL MARITIME ORGANIZATION

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

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About the MKC Current Awareness Bulletin (CAB)

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

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

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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

UN maritime organization celebrates 70 years with Her Majesty Queen Elizabeth II

Seventy years to the day since the treaty establishing the United Nations International Maritime Organization (IMO) was adopted, Her Majesty Queen Elizabeth II marked the occasion at IMO Headquarters in London on Tuesday (6 March).

Accompanied by IMO Secretary-General Kitack Lim, Her Majesty Queen Elizabeth II unveiled a commemorative plaque and cut an anniversary cake. Her Majesty also met some of the guests attending the event, including representatives of IMO Member States, inter-governmental and international non-governmental organizations, and IMO Secretariat staff.

“We are celebrating 70 years of achievement, in which the truly vital industry of shipping has become safer, cleaner and greener, thanks to the work of IMO. We are also looking ahead to the exciting new challenges on the horizon,” said IMO Secretary-General Lim. [Full Story](#)

Photos [click here](#)

IMO MEETINGS FOR 2018

Sub-Committee on Navigation, Communications and Search and Rescue (NCSR)

5th session, 19/02/2018 – 23/02/2018

Sub-Committee on Pollution Prevention and Response (PPR)

5th session, 5/02/2018 – 9/02/2018

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

International Conference on Harmonized implementation of the Polar Code

International Mobile Satellite Organization (IMSO) Seminar on LRIT

Sub-Committee on Navigation, Communications and Search and Rescue (NCSR)
5th session, 19/02/2018 – 23/02/2018 [Opening](#) address

Sub-Committee on Pollution Prevention and Response (PPR)
5th session, 5/02/2018 – 9/02/2018 [Opening](#) address

IMO NEWS MAGAZINE [Winter 2017](#)

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

UNITED NATIONS


Global Opportunity Report 2018. *UN Global Compact.* 1 February 2018. Available from: https://www.unglobalcompact.org/docs/publications/Global_Opportunity_Report_2018.pdf 

It has been said many times and in many ways that the Sustainable Development Goals (SDGs) create business opportunities. [Business Action Platform for the Ocean](#)
[Ten new markets earmarked as opportunities to boost lagging Sustainable Development Goals](#)

UN will 'not tolerate' sexual harassment in its ranks - Guterres. *UN News Centre.*

2 February 2018. Available from: <https://news.un.org/en/story/2018/02/1001861> Secretary-General António Guterres on Friday made clear that the United Nations will not tolerate sexual harassment "anytime, anywhere," within its ranks and laid out a five-point plan to ensure equality across the Organization, which he said was critical to tackle on the challenge of such behavior.

Korean nuclear crisis, Middle East quagmire eroding global security, UN chief tells Munich summit. *United Nations.* 16 February 2018. Available from:

<https://news.un.org/en/story/2018/02/1003022>  A nuclear threat on the Korean Peninsula and a quagmire in the Middle East are "two qualitative changes" that further eroded global security over the past year, United Nations Secretary-General António Guterres told an annual conference on international security policy in Munich, Germany.

CASUALTIES

Crew evacuated as cargoship holed in Black Sea. By Gary Dixon. *TradeWinds*.

1 February 2018. Available from: <http://www.tradewindsnews.com/casualties/1424949/crew-evacuated-as-cargoship-holed-in-black-sea> Tug brings Turkish vessel into port after it took on water off Crimea.

UPDATE - Two crew members aboard drifting container ship medevaced to Queen Charlotte with injuries. *BC Local News (Canada)*. 1 February 2018. Available from:

<https://www.bclocalnews.com/news/update-two-crew-members-aboard-drifting-container-ship-medevaced-to-queen-charlotte-with-injuries/> Two crew members who were aboard the drifting container ship *MOL Prestige* have been medevaced to Haida Gwaii.


MOL boxship suffers engine fire off Canada, two crew injured. By Jason Jiang. *Splash 24/7*.

2 February 2018. Available from: <http://splash247.com/mol-boxship-suffers-engine-fire-off-canada-two-crew-injured/> Containership *MOL Prestige*, owned by Japan's Mitsui O.S.K. Lines, suffered a fire in its engine room, causing the ship to lose propulsion near the Canadian Island Haida Gwaii on Wednesday while it was sailing from Vancouver to Tokyo.

Disabled containership *MOL Prestige* under tow off British Columbia. By Mike Schuler.

GCaptain. 6 February 2018. Available from: <http://gcaptain.com/disabled-containership-mol-prestige-under-tow-off-british-columbia/> The disabled containership *MOL Prestige* is under tow back to Canada after suffering an engine room fire last week that left the ship adrift off British Columbia, Canada.

Sinking of US Cargo Vessel *SS El Faro* ... October 1, 2015. *US National Transportation Safety Board (NTSB)*. 7 February 2018. Available from:

<https://www.nts.gov/investigations/AccidentReports/Pages/MAR1701.aspx> On October 1, 2015, during Hurricane Joaquin, the US-flagged cargo ship *SS El Faro* sank in the Atlantic Ocean about 40 nautical miles northeast of Acklins and Crooked Island, Bahamas. [Accident Report](#) 

NTSB releases its final report on the *El Faro* tragedy. *Maritime Executive*. 7 February 2018.

Available from: <https://www.maritime-executive.com/article/ntsb-releases-its-final-report-on-the-el-faro-tragedy> On Wednesday, the U.S. National Transportation Safety Board released its final report on the tragic sinking of the con/ro *El Faro*, which went down with all hands in October 2015.

Endangered turtle dies as oil reaches Japan's coastline after Iranian tanker collision.

Japan Times. 9 February 2018. Available from:

<https://www.japantimes.co.jp/news/2018/02/09/national/endangered-turtle-dies-oil-reaches-japans-coastline-iranian-tanker-collision> A green turtle died as oil reached the southern Amami-Oshima Island coast, the local government said Thursday, but it was not clear whether the oil came from an Iranian tanker that sank in nearby waters last month.


***MSC Napoli*: The casualty that changed the course of container safety. By Janet Porter.**

Lloyd's List. 9 February 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1121042> Around 20% of containers inspected after the *MSC Napoli* grounding were considerably heavier than declared - a discovery that eventually led to mandatory weight declaration regulations for containerised cargoes.

Captain of ship which ran aground describes ordeal. By Sarah Carabott. *Times of Malta*.

12 February 2018. Available from:

<https://www.timesofmalta.com/articles/view/20180212/local/captain-of-ship-which-ran-aground-on-sunday-describes-ordeal.670452>  In his seafaring experience spanning a quarter of a century, Joynal Abedin admits he never experienced the sort of weather conditions that drove his bunkering vessel aground at Qawra Point on Saturday.

Sunken tanker black boxes delivered to Iran. *MEHR News Agency (Iran)*. 13 February 2018. Available from: <https://en.mehrnews.com/news/132129/Sunken-tanker-black-boxes-delivered-to-Iran> Iran's Ports and Maritime Organization announced on Tuesday that it has received both black boxes for sunken *Sanchi* oil tanker, adding the data has remained untouched.

Fire on ship under repair at Cochin Shipyard, 5 killed. *Times of India*. 13 February 2018. Available from: <https://timesofindia.indiatimes.com/videos/city/kochi/fire-on-ship-under-repair-at-cochin-shipyard-5-killed/videoshow/62899035.cms> 📺 Five people were killed and 11 got injured after a fire took place at Cochin shipyard.

Five killed in Cochin Shipyard blast, four critical in hospital. *The Hindu (India)*. 13 February 2018. Available from: <http://www.thehindu.com/news/national/kerala/four-killed-in-blast-at-cochin-shipyard/article22738868.ece> Five workers were killed and 12 others seriously injured in an explosion on an ONGC rig that was under repair at the Cochin Shipyard on Tuesday.

Acetylene leak led to explosion at Cochin shipyard. *Maritime Executive*. 14 February 2018. Available from: <https://www.maritime-executive.com/article/acetylene-leak-led-to-explosion-at-cochin-shipyard> Investigators looking into the deadly blast aboard the drillship *Sagar Bhushan* announced Wednesday that it was likely caused by leakage of acetylene gas.

Crewman died from chest injury on Greek cargoship. By Gary Dixon. *TradeWinds*. 16 February 2018. Available from: <http://www.tradewindsnews.com/casualties/1435730/crewman-died-from-chest-injury-on-greek-cargoship> A UK inquest has heard an Albanian seafarer died from a chest injury on a Greek cargoship earlier this month.

'No real risk of pollution' as photos show oil slick leaking out of doomed Qawra vessel. *Times of Malta*. 17 February 2018. Available from: <https://www.timesofmalta.com/articles/view/20180217/local/photos-show-oil-slick-leaking-out-of-doomed-qawra-vessel.670935> Aerial pictures taken on Saturday morning showed an oil slick coming out of a bunkering vessel which ran aground at Qawra Point last week.

Muddy waters: How China-Japan territorial disputes delayed the response to the *Sanchi* oil spill. By Mark J.Valencia. *South China Morning Post*. 22 February 2018. Available from: <http://www.scmp.com/comment/insight-opinion/article/2134058/muddy-waters-how-china-japan-territorial-disputes-delayed> The world's largest tanker spill in nearly 30 years may be causing a stealthy environmental catastrophe in the East China Sea.

Ferry blast injures passengers in Playa del Carmen, Mexico . *CBC News (Canada)*. 21 February 2018. Available from: <http://www.cbc.ca/news/world/mexico-ferry-explosion-playa-del-carmen-1.4545914> 📺 An explosion ripped through a ferry as it unloaded passengers in the Caribbean beach city of Playa del Carmen on Wednesday, hurting as many as 25 people, but authorities said none of the injuries were life-threatening.

Canadian navy ship spills 30,000 litres of fuel in Strait of Georgia. By Chad Pawson. *CBC News (Canada)*. 25 February 2018. Available from: <http://www.cbc.ca/news/canada/british-columbia/hmcs-calgary-fuel-spill-1.4551467> Officials with Canada's Department of National Defence say one of its vessels in the Strait of Georgia — *HMCS Calgary* — spilled 30,000 litres of fuel on Saturday morning.

Coast Guard monitors multi-day transit of vessel after explosion. *United States Coast Guard*. 23 February 2018. Available from: <https://content.govdelivery.com/accounts/USDHSCG/bulletins/1dd571c> Coast Guard personnel are monitoring a 653-foot bulk carrier, with 21 crew members aboard, 120 miles west of the Columbia River entrance after main diesel engine components malfunctioned onboard and caused a localized explosion, Thursday.

ENVIRONMENT

Norway moves on UN's ocean sustainability cause. By Darrin Griggs. *TradeWinds*.

1 February 2018. Available from: <http://www.tradewindsnews.com/finance/1425984/norway-moves-on-uns-ocean-sustainability-cause> The Norwegian government stepped forward in Oslo today as the very first national sponsor the UN Global Compact's new "Business Action Platform for the Ocean" - along with many well-known companies in Norway

Researcher uses drones to learn how whales respond to noise pollution. By Cassandra Profita. *Oregon Public Broadcasting (OPB)*. 1 February 2018. Available from:

<https://www.opb.org/news/article/drones-whales-noise-pollution/> The whales off the West Coast depend on sound to communicate, navigate and find food.

To understand the sea, focus on the seabed. *Phys.Org*. 2 February 2018. Available from:

<https://phys.org/news/2018-02-sea-focus-seabed.html> A new review, led by Plymouth Marine Laboratory scientists, sets priorities for the benefit of future benthic research.

Maritime NZ helps protect Poor Knights marine reserve. *Maritime New Zealand*.

8 February 2018. Available from: <https://www.maritimenz.govt.nz/public/news/media-releases-2018/20180208a.asp> Maritime NZ is helping protect our marine environment with a campaign against ships encroaching into the Poor Knights Islands Marine Reserve area off Northland.

Caution, whale crossing. By Andrew Wight. *Hakai Magazine*. 8 February 2018. Available from:

<https://www.hakaimagazine.com/news/caution-whale-crossing/> In the sad saga of ships killing whales, the Panama Canal is a bright spot.

Whale of a tale: Protecting Panama's humpbacks from ship collisions. By Andrew J. Wight.

Mongabay. 8 February 2018. Available from: <https://news.mongabay.com/2018/02/whale-of-a-tale-protecting-panamas-humpbacks-from-ship-collisions/> Areas rich in wildlife and human vehicle traffic rarely make for good news - think of the number of rare and endangered species killed on highways.

Fiji maps plan to cut greenhouse gas emissions. By Ashna Kumar. *Fiji Sun Online*.

9 February 2018. Available from: <http://fijisun.com.fj/2018/02/09/fiji-maps-plan-to-cut-greenhouse-gas-emissions/> "The key question for the workshop was how we can effectively align ourselves towards the IMO targets on GHG emission reduction without compromising the transport needs of our small island states," said Assistant Minister for Infrastructure and Transport Vijay Nath.

CO2 remains the highest hurdle. By Malcolm Latarche. *ShipInsight*. 9 February 2018.

Available from: <https://shipinsight.com/co2-remains-highest-hurdle/> For over two decades, engine makers have been obliged to reduce emissions to meet MARPOL and other regulations, with no new emission targets on the horizon what will drive future development?

Leaked draft summary of UN special report on 1.5C climate goal - in full. By Megan Darby.

Climate Home News. 13 February 2018. Available from:

<http://www.climatechangenews.com/2018/02/13/leaked-draft-summary-un-special-report-1-5c-climate-goal-full/> Read the draft summary for policymakers of the most important climate science report of the year, on the challenge of holding global warming to 1.5C.

Are you in a toxic relationship? United Nations Environment Programme. 12 February 2018.

Available from: <https://www.unenvironment.org/news-and-stories/video/are-you-toxic-relationship>

This short UN Environment #CleanSeas video takes a lighter look at the issue of marine litter and asks everyone around the world to break-up with single-use plastics and make their pledge at cleanseas.org.

Coral reefs: We continue to take more than we give. *United Nations Environment Programme* 14 February 2018. Available from: <https://www.unenvironment.org/news-and-stories/story/coral-reefs-we-continue-to-take-more-than-we-give> Figures released today on international financial support being given to protect and sustainably manage the world's coral reefs reveal funding contributions are not only inadequate, but disproportionate to how much the fragile ecosystems offer humans in food, livelihoods, medicine and environmental protection.

Ocean science research is key for a sustainable future. By Martin Visbeck.

Nature Communications. 15 February 2018. Available from: <https://www.nature.com/articles/s41467-018-03158-3> Human activity has already affected all parts of the ocean, with pollution increasing and fish-stocks plummeting.

How listening to right whales could prevent more deaths of the imperilled species.

By Bill Trotter. *Bangor Daily News (US)*. 15 February 2018. Available from: <https://bangordailynews.com/2018/02/15/environment/how-listening-to-right-whales-could-prevent-more-deaths-of-the-imperilled-species/> Using sound to track the presence of North Atlantic right whales could help protect the critically endangered species from further deadly interactions with humans research finds.

The secret on the ocean floor. By David Shukman. *BBC News*. 19 February 2018. Available from: http://www.bbc.co.uk/news/resources/idt-sh/deep_sea_mining In the summer of 1974, a large and highly unusual ship set sail from Long Beach in California.

Sea-level legacy: 20cm more rise by 2300 for each 5-year delay in peaking emissions.

Potsdam Institute for Climate Impact Research (Germany). 20 February 2018. Available from: <https://www.pik-potsdam.de/news/press-releases/sea-level-legacy-20cm-more-rise-by-2300-for-each-5-year-delay-in-peaking-emissions> "Man-made climate change has already pre-programmed a certain amount of sea-level rise for the coming centuries, so for some it might seem that our present actions might not make such a big difference – but our study illustrates how wrong this perception is."

Seychelles' conservation commitment comes to life. *Nature Conservancy*. 21 February 2018.

Available from: <https://www.nature.org/ourinitiatives/regions/africa/explore/seychelles-conservation-commitment-comes-to-life.xml> Curious sea turtles and plump dugongs glide confidently through the clear ocean waters.

Fishermen are harvesting more than half of the world's oceans. By Erik Stokstad. *Science*.

22 February 2018. Available from: <http://www.sciencemag.org/news/2018/02/fishermen-are-harvesting-more-half-world-s-oceans> No one really knows how many of the world's seas are being fished by commercial vessels-some scientists say nearly all of them.

A natural anti-corrosion agent. By Aswathi Pacha. *The Hindu (India)*. 24 February 2018.

Available from: <http://www.thehindu.com/sci-tech/science/a-natural-anti-corrosion-agent/article22845115.ece> Seaweed can now help protect the steel body of ships from corrosive bacteria.

S. Korea says no oil spill from sunken Iranian tanker in its waters. *Yonhap News Agency (South Korea)*. 26 February 2018. Available from:

<http://english.yonhapnews.co.kr/news/2018/02/26/0200000000AEN20180226002800320.html> Oil spills from a sunken Iranian tanker have not affected South Korean waters since the worst maritime incident in decades took place in the East China Sea more than a month ago, Seoul's oceans ministry said Monday.

ENVIRONMENTAL POLLUTION

Where plastic goes, coral disease follows. By Andrea Thompson. *Scientific American*. 30 January 2018. Available from: <https://www.scientificamerican.com/article/where-plastic-goes-coral-disease-follows/> An onslaught of bottles, bags and other litter makes reefs 20 times more likely to get sick.

Analysis: Trump offshore plan could cause more than 5,000 oil spills. *Center for Biological Diversity*. 31 January 2018. Available from: http://www.biologicaldiversity.org/news/press_releases/2018/offshore-drilling-01-31-2018.php The Trump administration's proposal to dramatically ramp up offshore drilling could lead to 5,571 oil spills dumping 34.4 million gallons of oil into ocean waters off Alaska, the West Coast, East Coast and Gulf of Mexico, according to a new Center for Biological Diversity analysis.

China coordinates clean-up efforts after oil tanker sinking. By Lifang. *Xinhuanet (China)*. 1 February 2018. Available from: http://www.xinhuanet.com/english/2018-02/01/c_136942448.htm Chinese authorities have coordinated efforts to continue clean-up operations in the East China Sea where an Iranian tanker sank more than two weeks ago, officials said Thursday.

China vows efforts to clean Sanchi oil spill. By Shan Xin. *People's Daily Online (China)*. 2 February 2018. Available from: <http://en.people.cn/n3/2018/0202/c90000-9423036.html> About 418 square kilometers of the polluted East China Sea have been cleaned up after the worst oil tanker spill in decades, China's Ministry of Transport said on Thursday.

Chinese salvage crews race to remove 1,900 tonnes of oil from sunken tanker to lessen environmental damage. By Catherine Wong. *South China Morning Post*. 2 February 2018. Available from: <http://www.scmp.com/news/china/society/article/2131664/chinese-salvage-crews-race-remove-oil-sunken-tanker-lessen> 1,900 tonnes of heavy bunker fuel must be removed from sunken *Sanchi* to prevent marine pollution, Chinese transport ministry official warned.

Royal Caribbean plans to eliminate plastic. *Green4Sea*. 2 February 2018. Available from: <https://www.green4sea.com/royal-caribbean-plans-to-eliminate-plastic/> Royal Caribbean Cruise Line, world's largest cruise company, revealed plans to eliminate single-use plastics from its fleet operations on its three lines, Celebrity Cruises, Azamara Club Cruises and Royal Caribbean International.

Air pollution from UK shipping is four times higher than previously thought. By Josh Gabbatiss. *The Independent*. 3 February 2018. Available from: <http://www.independent.co.uk/environment/air-pollution-uk-shipping-levels-record-environment-fumes-damage-nitrogen-dioxide-sulphur-a8189691.html> Figures raise concerns that emissions from ships are having a significant but overlooked impact on health in port and coastal towns.

Gulf ship-to-ship transfer spills common and neglected? *World Maritime News*. 5 February 2018. Available from: <https://worldmaritimeneeds.com/archives/243040/> An oil slick was spotted on January 25 on the beaches of Aqqah, Fujairah, a home to renowned beach resorts in the United Arab Emirates (UAE), satellite imagery provided by Tanker Trackers, a pro-bono website that monitors the flow of oil at sea, shows.

Cleaner ship fuels will benefit health, but affect climate too. By Karen B.Roberts. *University of Delaware (US)*. 6 February 2018. Available from: <http://www.udel.edu/udaily/2018/february/shipping-fuel-health/> 🗣️ Marine shipping fuels will get a whole lot cleaner in 2020 when a regulation by the International Maritime Organization (IMO) requires fuels to contain 80-86 percent less sulphur.

Coral reefs may be at risk from Sanchi oil tanker contamination. *UK National Oceanography Centre*. 6 February 2018. Available from: <http://www.noc.ac.uk/news/coral-reefs-may-be-risk-sanchi-oil-tanker-contamination> Water polluted by the *Sanchi* oil tanker may reach coral reefs in the Ryukyu Island chain, according to the latest ocean model simulation by scientists from the National Oceanography Centre (NOC) and the University of Southampton, using the leading edge, high-resolution global ocean circulation model, NEMO.

Microplastics: No small problem for filter-feeding ocean giants. *Phys.Org*. 6 February 2018. Available from: <https://phys.org/news/2018-02-microplastics-small-problem-filter-feeding-ocean.html> Plastic pollution has recently gained increasing attention for its effects on marine mammals, fish and birds.

Oil-loving microbes could gobble up slicks and spills. By Richard Gray. *HORIZON - the EU Research & Innovation Magazine*. 7 February 2018. Available from: https://horizon-magazine.eu/article/oil-loving-microbes-could-gobble-slicks-and-spills_en.html Spills of crude oil that devastate huge areas of the oceanic environment could be cleaned up by naturally occurring microorganisms.

Plastic waste 'building up' in Arctic. By Roger Harrabin. *BBC News*. 8 February 2018. Available from: <http://www.bbc.co.uk/news/science-environment-42947155> Plastic waste is building up in the supposedly pristine wilderness of the Norwegian Arctic, scientists say.

Probe into oil spill around southern islands. *NHK World (Japan Broadcasting Corporation)*. 12 February 2018. Available from: https://www3.nhk.or.jp/nhkworld/en/news/20180212_07/ The Japanese government is investigating the impact of several oily objects that have washed ashore on its southern islands.

A nearly invisible oil spill threatens some of Asia's richest fisheries. By Steven Lee Myers and Javier C.Hernández. *New York Times*. 12 February 2018. Available from: <https://www.nytimes.com/2018/02/12/world/asia/china-condensate-oil-spill-tanker-cleanup.html> A fiery collision that sank an Iranian tanker in the East China Sea a month ago has resulted in an environmental threat that experts say is unlike any before.

Microplastics pollute most remote and uncharted areas of the ocean. By Sandra Laville. *The Guardian*. 12 February 2018. Available from: <https://www.theguardian.com/environment/2018/feb/12/microplastics-pollute-most-remote-and-uncharted-areas-of-the-ocean> First data ever gathered from extremely remote area of the South Indian Ocean has a surprisingly high volume of plastic particles, say scientists.

Fujairah oil spill caused by tankers 'illegally cleaning their holds'. By John Dennehy. *The National (United Arab Emirates)*. 14 February 2018. Available from: <https://www.thenational.ae/uae/environment/fujairah-oil-spill-caused-by-tankers-illegally-cleaning-their-holds-1.704397> General manager of Fujairah port Capt Mousa Murad calls for 24-hour monitoring to clamp down on the problem.

Predicting the fate of oil spills in a frozen world. By Nancy Bazilchuk. *Norwegian University of Science and Technology (NTNU)*. 15 February 2018. Available from: <https://geminiresearchnews.com/2018/02/predicting-fate-oil-spills-frozen-world/> Global warming and political decisions are opening the Arctic and its frosty seas to increased development.

Why do seabirds eat plastic? It smells like fish to them. *National Geographic*. 18 February 2018. Available from: <http://www.nationalgeographic.com.au/animals/why-do-seabirds-eat-plastic-it-smells-like-fish-to-them.aspx> A sweeping look at 10 species of seabirds gives insight into why their numbers have plummeted over the past 60 years.

Oil-eating microbes are challenged in the Arctic. By Peter Bondo. *Arctic Science Partnership* 19 February 2018. Available from: <http://www.asp-net.org/content/oil-eating-microbes-are-challenged-arctic> New economic developments in the Arctic, such as trans-Arctic shipping and oil exploitation, will bring along unprecedented risks of marine oil spills.

Ocean plastic tide 'violates the law'. By Roger Harrabin. *BBC News*. 20 February 2018. Available from: <http://www.bbc.co.uk/news/science-environment-43115486> They have been urging for a new global treaty to tackle the problem.

Enhanced education could help turn the tide on marine litter. By Alan Williams.

Plymouth University 21 February 2018. Available from:

<https://www.plymouth.ac.uk/news/enhanced-education-could-help-turn-the-tide-on-marine-litter>

Finding a solution to the causes and impacts of marine litter is now widely recognised as one of the major environmental challenges of our time.

'Fishing continued' after East China sea oil spill. By Navin Singh Khadka. *BBC News*.

23 February 2018. Available from: <http://www.bbc.co.uk/news/science-environment-43142538>

Most of the fishing vessels in the affected region were identified as Chinese.

South Africa's ecological 'nightmare' after plastic pellets spill. *Sky News*. 24 February 2018.

Available from: <https://news.sky.com/story/south-africas-ecological-nightmare-after-plastic-pellets-spill-11264554>

Some people call them "high density plastic" or "pre-production micro-plastic" but individuals in the industry refer to them as nurdles - a silly sounding name for a lentil-sized pellet that is the building block of all-known plastic products.

A 5-year voyage to tackle plastic pollution. *United Nations Environment Programme (UNEP)*.

22 February 2018. Available from: <https://www.unenvironment.org/news-and-stories/story/5-year-voyage-tackle-plastic-pollution>

It's possible to cross all of the world's oceans without using a single drop of fossil fuels: the *Race for Water* is proof.

Weekend fuel spill highlights risks to endangered whales, marine life experts say.

By Ainslie Cruickshank. *Metro News (Canada)*. 27 February 2018. Available from:

<http://www.metronews.ca/news/vancouver/2018/02/26/weekend-fuel-spill-highlights-risks-to-endangered-whales-marine-life-experts-say.html>

While the type of fuel that spilled in the Salish Sea this weekend evaporates quickly, it can be "acutely toxic" for mammals that breach the surface waters to breathe before it fades away.

BSEE releases Marine Trash and Debris Training Video. *US Bureau of Safety and Environmental Enforcement (BSEE)*. 27 February 2018. Available from:

<https://www.bsee.gov/newsroom/latest-news/statements-and-releases/press-releases/bsee-releases-marine-trash-and-debris>

Ensuring oil and gas companies protect the environment during operations is at the heart of the Bureau of Safety and Environmental Enforcement's mission. [Marine Trash and Debris Program](#)

HEALTH & SAFETY

Marine contracting industry launches personal resilience awareness programme.

International Marine Contractors Association (IMCA). 30 January 2018. Available from:

<https://www.imca-int.com/news/2018/01/30/marine-contracting-industry-launches-personal-resilience-awareness-programme/>

Leading members of the International Marine Contractors Association (IMCA) have come together to develop the IMCA Resilience Awareness Programme tailored specifically for the men and women working in the marine contracting industry.

IMO

Broad support for sulfur ban before crucial IMO meeting. By Louise Vogdrup-Schmidt and Katrine Grønvald Raun. *ShippingWatch*. 1 February 2018. Available from: <https://shippingwatch.com/secure/carriers/article10265846.ece> An unusual alliance between carriers, flag states and NGOs means that the shipping industry faces yet another ban in the battle against sulfur.

Bimco: Insufficient sulfur resolution would weaken the IMO . By Louise Vogdrup-Schmidt and Katrine Grønvald Raun . *ShippingWatch*. 5 February 2018. Available from: <https://shippingwatch.com/secure/Services/article10277771.ece> Implementing and not least enforcing global sulfur requirements will be a test of the IMO's legitimacy, according to Bimco's Deputy Secretary General, Lars Robert Pedersen, in comments today to ShippingWatch, as the crucial sulfur meeting begins in the IMO.

UN agency targets black-carbon pollution from ships. By Jeff Tollefson. *Nature*. 6 February 2018. Available from: <https://www.nature.com/articles/d41586-018-01556-7> Governments are slowly advancing efforts to reduce climate and health impacts of soot.

IMO Secretary General on global sulfur rules: No turning back. By Katrine Grønvald Raun. *ShippingWatch*. 6 February 2018. Available from: <https://shippingwatch.com/secure/carriers/article10281370.ece> Global sulfur requirements will arrive in 2020, stressed IMO Secretary General Kitack Lim at the opening of a crucial series of meetings in London this week.

IMO delegates keen to maintain sulphur cap momentum. By Nick Savvides. *Fairplay*. 7 February 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4297356/imo-delegates-keen-to-maintain-sulphur-cap-momentum> Delegates at the International Maritime Organization's (IMO) Pollution Prevention and Response (PPR) subcommittee meeting have said any delay to the implementation of the so-called sulphur cap due on 1 January 2020 is very unlikely.

IMO to fast-track global sulfur ban. By Katrine Grønvald Raun. *ShippingWatch*. 8 February 2018. Available from: <https://shippingwatch.com/secure/carriers/article10290880.ece> A de facto ban against carrying non-compliant fuel on board, which looks set to be approved by the IMO on Friday, will likely come into force already in March 2020.

IMO 2020 countdown: Will refineries meet low sulfur bunker fuel demand? S&P Global Platts. 8 February 2018. Available from: <https://www.platts.com/podcasts-detail/spotlight/2018/february/020718-ocean-intelligence-spotlight> With 23 months to go, it is still uncertain whether refineries will be able to meet demand for low sulfur bunker fuel.

IMO2020: Green groups welcome move to close HSFO enforcement "Loophole". *Ship & Bunker*. 12 February 2018. Available from: <https://shipandbunker.com/news/world/593234-imo2020-green-groups-welcome-move-to-close-hfo-enforcement-loophole> A number of environmental groups have welcomed news that the International Maritime Organisation (IMO) has backed moves to ban the carriage of high sulfur bunkers as part of efforts to simplify enforcement of a global 0.50% sulfur cap on marine fuel that comes into force on January 1, 2020.

How will the IMO help with 2020 sulphur cap? By Anastassios Adamopoulos. *Lloyd's List*. 14 February 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121365> The International Maritime Organization last week committed to the January 1, 2020 introduction date of the sulphur cap, paved the way for the introduction of a carriage ban on high-sulphur fuel oils for March 2020, and left shipowners with no illusions about a potential transitional period.

IMO 2020 fuel mandate 'will benefit, not hinder' shipping. By Adam Corbett. *TradeWinds*. 15 February 2018. Available from: <http://www.tradewindsnews.com/drycargo/1430313/imo-2020-fuel-mandate-will-benefit-not-hinder-shipping> Upcoming emissions regulation will have an impact on shipping markets as further falls in operating speeds reduce overall shipping capacity and incentivise fleet renewal.

NSI launches Quarterly 2020 Market Overview Report. *Ship & Bunker*. 19 February 2018. Available from: <https://shipandbunker.com/news/world/845157-nsi-launches-quarterly-2020-market-overview-report> "The premise behind it is to give concise and clear advice on the challenges and opportunities in the run up to 2020."

IMO2020: Refined Product Already Feeling Impact, Seminar Hears. *Ship & Bunker*. 19 February 2018. Available from: <https://shipandbunker.com/news/emea/601739-imo2020-refined-product-already-feeling-impact-seminar-hears> Among refined products, the impact of the International Maritime Organization global sulfur cap on bunker fuel will be most keenly felt by the same product, itself a subset of the fuel oil market.

Kitack Lim calls for greater ties between ports and shipping. By Namrata Nadkarni. *Fairplay*. 20 February 2018. Available from: <https://fairplay.ihs.com/article/4297791/Closing%20shipping%E2%80%99s%20automation%20gap> International Maritime Organization (IMO) secretary-general Kitack Lim believes that the advent of autonomous shipping is increasing the importance of communication between ships and ports, which will not only have to deal with safety issues but also provide services such as waste reception facilities and cold ironing.

Europe will be 'big loser' in IMO's drive for cleaner bunker fuel. By Max Tingyao Lin. *Lloyd's List*. 20 February 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121468/Europe-will-be-big-loser-in-IMOs-drive-for-cleaner-bunker-fuel> Europe will be one of the "big losers" from the International Maritime Organization's new bunker rules and the region should look at incentivising the installation of scrubbers as a solution, a senior official of Rosneft has said.

EU foreign ministers put pressure on the IMO. By Louise Wendt Jensen. *ShippingWatch*. 27 February 2018. Available from: <https://shippingwatch.com/secure/carriers/article10350999.ece> The international shipping sector must contribute fairly to the fight against climate change, EU foreign ministers tell the IMO after a meeting in Brussels on Monday.

EU adds to decarbonisation pressure on IMO. By Anastassios Adamopoulos. *Lloyd's List*. 26 February 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121563> The European Union has reiterated its view that global shipping must draw up an ambitious decarbonisation roadmap, increasing pressure on the International Maritime Organization to devise an acceptable solution to one of the most divisive and long-running policy issues in shipping.

LAW & POLICY

Aviation and shipping - impacts on Europe's environment. *European Environment Agency* 31 January 2018. Available from: <https://www.eea.europa.eu/publications/term-report>
This report introduces several methods the European Environment Agency (EEA) has developed for assessing and communicating early RES growth and the important knock-on effects that RES growth has on the energy sector and related areas. [Aviation and shipping - TERM 2017](#) 

Casting a Safety Net on the Seafood Industry. *Pew Charitable Trusts*. 31 January 2018. Available from: <http://www.pewtrusts.org/en/research-and-analysis/fact-sheets/2018/01/casting-a-safety-net-on-the-seafood-industry> A blueprint for mitigating illegal catch and protecting fishing crews in your seafood supply chain.

Frontex launching new operation in Central Med. *FRONTEx European Border and Coast Guard Agency*. 31 January 2018. Available from: <http://frontex.europa.eu/news/frontex-launching-new-operation-in-central-med-OESzj> Frontex, the European Border and Coast Guard Agency, is launching a new operation in the Central Mediterranean to assist Italy in border control activities.

Belgium launches decarbonisation think tank. *By Andrew Spurrier. Fairplay*. 1 February 2018. Available from: <https://fairplay.ihs.com/commerce/article/4296951/belgium-launches-decarbonisation-think-tank> Belgium has a sizeable flag fleet and is hoping it will grow in the months to come.


Shipowners call for help to defend US pollution prosecutions. *By Jim Mulrenan. TradeWinds*. 1 February 2018. Available from: <http://www.tradewindsnews.com/insurance/1422806/shipowners-call-for-help-to-defend-us-pollution-prosecutions> Piraeus Marine Club debate hears calls for P&I clubs to give more support.

In new EU sea mission, ships not obliged to bring migrants to Italy. *By Steve Scherer. Reuters*. 1 February 2018. Available from: <https://www.reuters.com/article/us-europe-migrants-italy/in-new-eu-sea-mission-ships-not-obliged-to-bring-migrants-to-italy-idUSKBN1FL62M> The European Union's border agency Frontex launched a new Mediterranean operation called Themis on Thursday, removing the obligation of the previous mission to bring rescued migrants only to Italy.

U.N. court hands Costa Rica territorial victories over Nicaragua. *By Stephanie van den Berg and Enrique Andres Pretel. Reuters*. 2 February 2018. Available from: <https://uk.reuters.com/article/us-costa-rica-nicaragua-court/u-n-court-hands-costa-rica-territorial-victories-over-nicaragua-idUKKBN1FM1E7> Costa Rica claimed victory over Nicaragua on Friday, after the United Nations' highest court awarded Costa Rica disputed territory along the coastal border shared by the two Central American countries.

Judgement: Maritime Delimitation in The Caribbean Sea and The Pacific Ocean (Costa Rica v. Nicaragua) and Land Boundary in The Northern Part of Isla Portillos *International Court of Justice (ICJ)*. 2 February 2018. Available from: <http://www.icj-cij.org/files/case-related/157/157-20180202-JUD-01-00-EN.pdf> 

Oil from sunken Iranian tanker may have reached Japan shores: Coast Guard. *Reuters*. 2 February 2018. Available from: <https://www.reuters.com/article/us-china-shipping-accident/oil-from-sunken-iranian-tanker-may-have-reached-japan-shores-coast-guard-idUSKBN1FM0QG> Clumps of oil have washed up on the shores of southern Japan and there are fears they may be leaking from an Iranian crude tanker than sank in the world's worst such disaster in decades, the Japanese Coast Guard said on Friday.

Legal Working Group on Liability for Environmental Harm from Activities in the Area. By Freedom-Kai Phillips. *Centre for International Governance Innovation (CIGI)*. 5 February 2018. Available from: <https://www.cigionline.org/publications/legal-working-group-liability-environmental-harm-activities-area> This research workshop was convened by the International Law Research Program of the Centre for International Governance Innovation (CIGI), in conjunction with the International Seabed Authority (ISA) and the Commonwealth Secretariat. [Conference Report](#) 

Many in Thai fishing industry fail to see conditions as slavery: research. By Sebastien Malo. *Reuters*. 5 February 2018. Available from: <https://www.reuters.com/article/us-thailand-trafficking-fishing/many-in-thai-fishing-industry-fail-to-see-conditions-as-slavery-research-idUSKBN1FP2U7> Thai fishing boat owners who trap workers on board ships and withhold wages often do not realize that is modern slavery, so authorities must ramp up their policing efforts, advocates say.

Philippines' Duterte reneges on China deal, bans foreign research ships. By Manuel Mogato. *Reuters*. 6 February 2018. Available from: <https://www.reuters.com/article/us-philippines-china-exploration/philippines-duterte-reneges-on-china-deal-bans-foreign-research-ships-idUSKBN1FQ0RX> Philippine President Rodrigo Duterte has banned all foreign scientific research off the country's Pacific coast and told the navy to chase away unauthorized vessels, despite earlier allowing Chinese oceanographers to operate there.

China's real-time global ocean observation network established. *China Daily.Com*. 6 February 2018. Available from: <http://www.chinadaily.com.cn/a/201802/06/WS5a799d0da3106e7dcc13b227.html> Chinese research vessel *Kexue*, or *Science*, recently placed the 400th profiling float in the northwest Pacific Ocean since the country joined the forefront ocean monitoring plan Argo in 2002.

OWJ conference: new vessel code partly retroactive and could add cost. By Jamey Bergman. *Offshore Wind Journal*. 6 February 2018. Available from: http://www.owjonline.com/news/view.owj-conference-new-vessel-code-partly-retroactive-and-could-add-cost_50717.htm A new IMO code for windfarm and other vessels carrying industrial personnel could add expense for shipowners and be implemented retroactively according to a Bureau Veritas representative involved in their development.

Ivory trade: Man arrested in Tokyo port. *Maritime Executive*. 7 February 2018. Available from: <https://www.maritime-executive.com/article/ivory-trade-man-arrested-in-tokyo-port> Police in Japan have arrested the director of a government-accredited ivory retail outlet on suspicion of attempting to smuggle ivory to China.

Removing fossil fuel subsidies will not reduce CO2 emissions as much as hoped. *UCL Energy Institute*. 8 February 2018. Available from: <https://www.ucl.ac.uk/bartlett/energy/news/2018/feb/removing-fossil-fuel-subsidies-will-not-reduce-co2-emissions-much-hoped> Removing fossil fuel subsidies would have only a small effect on CO2 emissions and renewable energy use, new research has shown.



Ghana to be one of the first maritime nations to implement e-navigation. By Eleanor Pratt. *Ghana Maritime Authority*. 8 February 2018. Available from: http://www.ghanamaritime.org/news_page.php?id=34 The Ghana Maritime Authority (GMA) has taken the first step towards Ghana's e-navigation implementation plan.

Coal buyers spooked by Indonesia's new shipping rules. By Bernadette Christina Munthe. *Reuters*. 8 February 2018. Available from: <https://www.reuters.com/article/us-indonesia-shipping-cabotage/coal-buyers-spooked-by-indonesias-new-shipping-rules-assoc-idUSKBN1FS192> Buyers of Indonesian coal are holding back orders of the fuel after the government issued new shipping rules for coal and crude palm oil that would restrict exports to Indonesian vessels.

Chairmanship of the Arctic Council is also seen in seafaring. *Government of Finland.*

9 February 2018. Available from: <http://formin.finland.fi/Public/default.aspx?contentid=371736>
Anita Mäkinen works as Chief Adviser to the Director General of Maritime Sector at the Finnish Transport Safety Agency Trafi.

Reaching an important milestone in reducing dangerous "ghost gear". *Food and Agriculture Organization (FAO).* 9 February 2018. Available from:

<http://www.fao.org/news/story/en/item/1099767/icode/> Countries agree on international guidelines to mark fishing gear – final step is endorsement by Committee on Fisheries. [The importance of marking fishing gear](#)  [Interview: Ari Gudmundsson, Head, FAO Fishing Operation & Technology Branch](#) 

South Africa's maritime sector's state of readiness for weather induced disasters in serious doubt: SAMSA. *South African Maritime Safety Authority (SAMSA).* 10 February 2018. Available from:

<https://blog.samsa.org.za/2018/02/10/south-africas-maritime-sectors-state-of-readiness-for-weather-induced-disasters-in-serious-doubt-samsa/> SAMSA has warned that the country is badly equipped to manage effectively weather induced disasters at sea, and that unless serious attention is given to the situation, the maritime economic sector and the country's economy in general could face serious consequences.

Shipowners prepared to bring Russian shipping law before the EU. *By Søren Pico.*

ShippingWatch. 12 February 2018. Available from: <https://shippingwatch.com/secure/carriers/article10300617.ece> Russia's new protectionist shipping law for the Northern Sea Route is a "regrettable signal to the world," Executive Director Jacob K. Clasen, Danish Shipping, tells ShippingWatch.

Nigeria loses \$20m annually to illegal fishing. *By John Omoaka.* *Ships & Ports.*

12 February 2018. Available from: <http://shipsandports.com.ng/nigeria-loses-20m-annually-illegal-fishing/> A Fisheries Consultant for Norwegian Seafood Council, Abiodun Cheke has said that Nigeria loses an estimated \$20 million annually to illegal fishing by foreigners.

Plans to boost maritime transport sector highlighted. *Bahrain News Agency.* 12 February 2018.

Available from: <http://bna.bh/portal/en/news/825419> Plans to further enhance the customer experience will be the priority area of focus for development at Khalifa Bin Salman Port (KBSP) in 2018, it was revealed today by top officials of Ministry of Transportation and Telecommunications.

Turkish military intervenes to prevent exploration of Mediterranean Sea. *Middle East Monitor*

13 February 2018. Available from: <https://www.middleeastmonitor.com/20180213-turkish-military-intervenes-to-prevent-exploration-of-mediterranean-sea/> Turkish naval vessels have intercepted the route of a ship belonging to the Italian oil exploration company Eni, which was on its way to explore the recently discovered gas reserves in Cypriot waters.

Dutch prosecutors press criminal charges against Seatrade. *NGO Shipbreaking Platform.*

13 February 2018. Available from: <http://www.shipbreakingplatform.org/press-release-dutch-prosecutors-press-criminal-charges-against-seatrade/> Managers risk prison sentences and hefty fines for the illegal sale of end-of-life ships.

Erdogan tells Cyprus not to test Turkey over gas standoff. *Reuters.* 13 February 2018.

Available from: <https://uk.reuters.com/article/uk-cyprus-natgas-turkey/erdogan-tells-cyprus-not-to-test-turkey-over-gas-standoff-idUKKBN1FX0X9> Turkish President Tayyip Erdogan warned Cyprus not to "overstep the mark" in the eastern Mediterranean, after Greek Cypriots accused the Turkish military of obstructing an Italian vessel exploring for natural gas.

Plastic pollution of the world's seas and oceans as a contemporary challenge in ocean governance. *By Marcus Haward.* *Nature Communications.* 14 February 2018. Available from:

<https://www.nature.com/articles/s41467-018-03104-3> The pervasive nature of marine plastic pollution was highlighted at the recent United Nations Environment Assembly.

Kenya moves to harmonise cargo clearance at sea port. By Winnie Atieno.

Business Daily (Kenya). 15 February 2018. Available from:

<https://www.businessdailyafrica.com/news/counties/Kenya-harmonise-cargo-clearance-Mombasa-port/4003142-4305916-6nauw8z/index.html> The government has harmonised offloading and clearance of imported goods at the port of Mombasa to curb delays.

Blue future: A Norwegian perspective on oceans. By Anne Kari H. Ovind, Norwegian Ambassador to Canada.

Huffington Post Canada. 15 February 2018. Available from:

http://www.huffingtonpost.ca/anne-kari-h-ovind/blue-future-a-norwegian-perspective-on-oceans_a_23355672/ Canada's new Ocean Protection Plan and Norway's new Ocean Strategy provide a solid platform to explore even more commonalities and collaboration.

Solomon Islands maritime industry calls for energy efficient operations to reduce greenhouse gasses.

Pacific Community (SPC). 16 February 2018. Available from:

<http://www.spc.int/blog/solomon-islands-maritime-industry-calls-for-energy-efficient-operations-to-reduce-greenhouse-gasses/> The Solomon Islands Ministry of Infrastructure and Development, Maritime Safety Administration (SIMSA) together with national ship operators, have called for greater investment in energy efficient operations to reduce greenhouse gasses.

Preparing to define the Baltic Sea's significant marine areas.

Baltic Marine Environment Protection Commission (HELCOM). 16 February 2018. Available from:

<http://www.helcom.fi/news/Pages/Preparing-to-define-the-Baltic-Sea%E2%80%99s-significant-marine-areas.aspx> At the United Nations Ocean Conference in June 2017, HELCOM members registered a voluntary commitment to identify Ecologically or Biologically Significant Marine Areas (EBSA) in the Baltic Sea.

Govt wants 16 vessels traced and legal action. By Maureen Odunga.

Daily News (Tanzania). 16 February 2018. Available from:

<https://www.dailynews.co.tz/index.php/home-news/55934-govt-wants-16-vessels-traced-and-legal-action> The Government has ordered relevant state organs to search for 16 foreign ships which have vanished, to steer clear of the long arm of the law.

Maritime Boundary talks successful: PM. By Godwin Ligo.

Vanuatu Daily Post. 18 February 2018. Available from:

http://dailypost.vu/news/maritime-boundary-talks-successful-pm/article_fd19aaf9-9cc7-5656-ba0c-d7990486d0b5.html Prime Minister Charlot Salwai has announced the successful outcome of the historical maritime boundary talks, between the Government of the Republic of France, and the Government of the Republic of Vanuatu from February 13-14, 2018.

Irishman working for salvage firm jailed for stealing *Costa Concordia* backpack from tragic shipwreck. By Kathy Armstrong.

Independent (Ireland). 19 February 2018. Available from:

<https://www.independent.ie/irish-news/news/irishman-working-for-salvage-firm-jailed-for-stealing-costa-concordia-backpack-from-tragic-shipwreck-36618076.html> An Irishman has been jailed in Italy for stealing a backpack from the wreck of the *Cost Concordia* cruise ship.

Ukraine brings a case against Russia in the Permanent Court of Arbitration under the UN Convention on the Law of the Sea.

President of Ukraine. 19 February 2018. Available from:

<http://www.president.gov.ua/en/news/ukrayina-pozivayetsya-proti-rosiyi-do-postijnogo-arbitrazhno-45926> "Ukraine's interests should be adequately protected in the Permanent Court of Arbitration," the Head of State emphasized and signed the order on the representation of Ukraine in the legal proceedings in the Permanent Court of Arbitration regarding the violation of the United Nations Convention on the Law of the Sea.

New bill to improve marine resource management.

Cook Islands News. 19 February 2018.

Available from: <http://www.cookislandsnews.com/national/local/item/67776-new-bill-to-improve-marine-resource-management> Prime Minister and Minister of Marine Resources Henry Puna tabled the Bill in the House last December.

Indonesia's new protectionist rules are worrying at times of free trade talks with the EU.

European Community Shipowners' Associations (ECSA). 19 February 2018. Available from: <http://www.ecsa.eu/news/indonesias-new-protectionist-rules-are-worrying-times-free-trade-talks-eu>
European shipowners are opposing a decree Indonesia adopted recently.

FRONTEX published risk analysis for 2018. *FRONTEX European Border and Coast Guard Agency*.

20 February 2018. Available from: <http://frontex.europa.eu/pressroom/news/frontex-publishes-risk-analysis-for-2018-sASpm8> In 2017, the total number of illegal border-crossings into the EU dropped to its lowest in four years, especially due to a fall in detections on the Eastern Mediterranean and Western Balkan routes, Frontex analysts write in the Risk Analysis for 2018 report released today. [Full Report](#)

Casting a Wider Net: The Security Implications of Illegal, Unreported, and Unregulated Fishing. By Amanda Shaver and Sally Yozell. *Stimson Center*.

January 2018. Available from: <https://spark.adobe.com/page/p1SzJyEVCctGw/> The world's fisheries are on the brink of collapse. [Full Report](#)

N. Korean vessel suspected of smuggling fuel. *NHK World (Japan Broadcasting Corporation)*.

20 February 2018. Available from: https://www3.nhk.or.jp/nhkworld/en/news/20180221_05/
Japan's Maritime Self-Defense Force says fuel has apparently been transferred to a North Korean tanker in open waters in the East China Sea, in violation of UN Security Council resolutions.

Antitrust: Commission fines maritime car carriers and car parts suppliers a total of €546 million in three separate cartel settlements. *European Commission*.

21 February 2018. Available from: http://europa.eu/rapid/press-release_IP-18-962_en.htm Commissioner Margrethe Vestager, in charge of competition policy said: "The Commission has sanctioned several companies for colluding in the maritime transport of cars and the supply of car parts.

Indonesia postpones move requiring coal exporters to use national carriers. By Mia Corazon Aureus, Arusha Das, and Dan Lalor. *S&P Global Platts*.

22 February 2018. Available from: <https://www.platts.com/latest-news/shipping/singapore/indonesia-postpones-move-requiring-coal-exporters-27917247> Indonesia has postponed the implementation of a regulation that would require coal exporters to use national maritime carriers and domestic insurance services, amid concerns about the impact on international trade, sources said Thursday.

How much of the ocean is really protected? By Johnny Briggs. *Pew Charitable Trusts*.

22 February 2018. Available from: <http://www.pewtrusts.org/en/research-and-analysis/blogs/compass-points/2018/02/22/how-much-of-the-ocean-is-really-protected> Our planet is home to wonderfully diverse natural habitats that support a huge range of life.

S. Korea to step up maritime cooperation with Denmark. *Yonhap News Agency (South Korea)*.

23 February 2018. Available from: <http://english.yonhapnews.co.kr/business/2018/02/23/0501000000AEN20180223001400320.html>
South Korea and Denmark have agreed to expand cooperation to enhance global marine navigation systems and develop technologies for automated ships, Seoul's oceans ministry said Friday.

Panama seeks to grow ship finance with new law. *Seatrade Maritime News*.

23 February 2018. Available from: <http://www.seatrade-maritime.com/news/americas/panama-seeks-to-grow-ship-finance-with-new-law.html> The Law 50 of 28 June 2017 entered into force on 29 December 2017 and is known as the Naval Financing Law.

Cyprus accuses Turkey of blocking ship again in gas exploration standoff. By Renee Maltezu.

Reuters. 23 February 2018. Available from: <https://www.reuters.com/article/us-cyprus-natgas-turkey/cyprus-accuses-turkey-of-blocking-ship-again-in-gas-exploration-standoff-idUSKCN1G71MF> Cyprus accused Turkey on Friday of threatening to use force against a drillship chartered by Italy's Eni, in a standoff over hydrocarbons rights in the eastern Mediterranean.

Government of Djibouti illegally seizes control of Doraleh Port from DP World. *DP World.*

23 February 2018. Available from: http://web.dpworld.com/wp-content/uploads/2018/02/2018_02_23_Djibouti_PR_En-1.pdf The Government of Djibouti today illegally seized control of the Doraleh Container Terminal S.A. (the "Terminal") from a Dubai Ports World ("DP World") owned entity that designed, built and, since 2006, operated the Terminal pursuant to a concession awarded by the Government in 2006.

Djibouti seizes control of DP World's container terminal. *Washington Post.* 23 February 2018.

Available from: https://www.washingtonpost.com/world/africa/djibouti-seizes-control-of-dp-worlds-container-terminal/2018/02/23/2892689c-185c-11e8-930c-45838ad0d77a_story.html Djibouti has seized control of a container terminal run by Dubai-based port operator DP World, the latest move in a long-running legal dispute in the East African nation over the facility.

Statement on Doraleh Container Terminal (DCT). *Djibouti Ports and Free Zones Authority*

25 February 2018. Available from: <http://dpfza.gov.dj/?q=news-media/media-releases/statement-dct> On 22 February 2018, the Government of Djibouti cancelled its contract with DP World for Doraleh Container Terminal (DCT) concession.

Blue economy initiative by Malta Marittima. *Times of Malta.* 25 February 2018. Available from:

<https://www.timesofmalta.com/articles/view/20180225/business-news/blue-economy-initiative-by-malta-marittima.671692> The sustainable development for a blue economy in the western Mediterranean is an initiative by Mediterranean countries aimed at improved governance in the region, safety and security and economic growth.

North Korea slams latest US sanctions, says shipping blockade would be an 'act of war'.

South China Morning Post. 25 February 2018. Available from: <http://www.scmp.com/news/asia/east-asia/article/2134635/north-korea-slams-latest-us-sanctions-says-shipping-blockade> North Korea on Sunday accused the United States of trying to undermine an improvement in inter-Korean relations, while South Korean protesters tried to block senior North Korean officials on their way to the Pyeongchang Winter Games closing ceremony.

Climate Change: EU Foreign Ministers call for global ambition to step up EU climate diplomacy. *European Union.* 26 February 2018. Available from:

https://eeas.europa.eu/headquarters/headquarters-homepage/40390/climate-change-eu-foreign-ministers-call-global-ambition-steps-eu-climate-diplomacy_fr The Foreign Affairs Council of 26 February stressed the importance of maintaining global commitment to the landmark Paris Agreement and the urgency of completing the work programme for its implementation, due to be finalised at the next UN climate conference (COP24) in December in Katowice, Poland.

Nigeria: Ship detention gone rogue: A critique of the "HSOP" for ship arrest and detention.

Hellenic Shipping News 26 February 2018. Available from: <http://www.hellenicshippingnews.com/nigeria-ship-detention-gone-rogue-a-critique-of-the-hsop-for-ship-arrest-and-detention/> In January 2017 Nigeria's Vice President, Prof. Yemi Osibajo SAN launched a document promoted by the Nigerian Navy and produced by the Federal Ministry of Justice called "Harmonized Standard Operating Procedures on Arrest, Detention and Prosecution of Vessels and Persons in Nigeria's Maritime Environment 2016."

EU Atlantic Action Plan: 6 billion euro of investments and counting. *European Commission.*

26 February 2018. Available from: https://ec.europa.eu/fisheries/eu-atlantic-action-plan-6-billion-euro-investments-and-counting_en In 2013 the EU launched the Atlantic Action Plan to boost the maritime economy of its five Atlantic States, i.e. Portugal, Spain, France, the United Kingdom and Ireland, and their outermost regions.

US set to clamp down on North Korea sanctions violators. *Lloyd's List*. 26 February 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121555/US-set-to-clamp-down-on-North-Korea-sanctions-violators>. The US government and a number of its Asian allies are getting ready to ramp up maritime enforcement action against vessels that breach international sanctions imposed on North Korea, according to a Reuters report.

Trial against shipping company charged in 2015 English Bay fuel spill begins. By Jeremy Lye. *Global News (Canada)*. 26 February 2018. Available from: <https://globalnews.ca/news/4048666/trial-against-shipping-company-charged-in-2015-english-bay-fuel-spill-begins/>. Three years after a tanker leaked nearly 3,000 litres of bunker fuel into Vancouver's English Bay, court proceedings have begun.

MOL and Far East Investment and Export Agency of the Russian Federation sign a MOU - Cooperation for the development of the Northern Sea Route and Russian Far East. *Mitsui O.S.K.Lines (MOL)*. 26 February 2018. Available from: <http://www.mol.co.jp/en/pr/2018/18012.html>. On February 26, 2018, Mitsui O.S.K. Lines, Ltd. ("MOL") signed a Memorandum of Understanding with the Far East Investment and Export Agency ("FEIA") under the Ministry of the Russian Federation for the Development of the Far East ("MINVR") to cooperate with each other in the development of the Northern Sea Route and the Russian Far East.

Australia and East Timor agree on maritime border, 'pathway' to develop gas field. *ABC (Australia)*. 26 February 2018. Available from: <http://www.abc.net.au/news/2018-02-26/australia-and-east-timor-agree-on-maritime-border/9486752>. Under the agreement, the share of revenue from the offshore gas field will differ depending on downstream benefits that arise from "different development concepts", the statement released following talks in Kuala Lumpur said.

Singapore hosts 35th ASEAN Maritime Transport Working Group Meeting. *Maritime and Port Authority of Singapore (MPA)*. 27 February 2018. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/a196ba65-4ea4-4002-af37-737baa2027d2>. The Maritime and Port Authority of Singapore (MPA) will host and chair the 35th ASEAN Maritime Transport Working Group Meeting from 27 February to 1 March 2018.

Photos: North Korean ship-to-ship fuel transfer. *Maritime Executive*. 27 February 2018. Available from: <https://www.maritime-executive.com/article/photos-north-korean-ship-to-ship-fuel-transfer#gs.M19=BQY>. Japan's foreign ministry has released evidence of another suspected ship-to-ship transfer involving a North Korean product tanker.

Cyprus appoints new minister for shipping. By Harry Papachristou. *TradeWinds*. 27 February 2018. Available from: <http://www.tradewindsnews.com/legal/1442266/cyprus-appoints-new-minister-for-shipping>. Cyprus has chosen Natasa Pilides, the former head of its investment promotion agency, as its first dedicated minister for shipping.

North Korea evades sanctions with help from ships of many names. By Kambiz Foroohar. *ShippingWatch*. 28 February 2018. Available from: <https://shippingwatch.com/secure/carriers/article10354283.ece>. As Washington and Seoul try to maintain a unified front against North Korea, the case of two cargo ships shows how Kim Jong Un's regime keeps finding ways to evade increasingly tough international sanctions aimed at halting its nuclear weapons program.

MARINE TECHNOLOGY

Transas A-Suite brings AI to maritime to reduce human error. *Transas*. 30 January 2018. Available from: <http://www.transas.com/about/press/news/18102> Transas has launched its first package of applications built on THESIS, a unified cloud-based platform for managing operations across the full breadth of the maritime ecosystem.

Online control of certificates could lead to faster PSC inspections. *Danish Maritime Authority*. 2 February 2018. Available from: <https://www.dma.dk/Presse/Nyheder/Sider/Online-control-of-certificates-could-lead-to-faster-PSC-inspections.aspx> The Danish Maritime Authority and EMSA are examining how online control of certificates could make PSC inspections more efficient.

It's digitalisation, but not as we know it. By Richard Clayton. *Lloyd's List*. 2 February 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121133> The newly released Boston Consulting Group study of digitalisation in container shipping has a vision for our business that many would not recognise.

China carries out first run of unmanned vessel as it seeks to boost maritime security. By Teddy Ng. *South China Morning Post*. 3 February 2018. Available from: <http://www.scmp.com/news/china/diplomacy-defence/article/2131884/china-carries-out-first-run-unmanned-vessel-it-seeks> *Huster-68's* main functions are to search for, investigate and block targets at sea and it could be used for law enforcement.

Robert Allan Ltd. and Kongsberg Maritime to develop remotely-operated fireboats for ports. *Kongsberg*. 6 February 2018. Available from: <https://www.km.kongsberg.com/ks/web/nokbg0238.nsf/AllWeb/0999B2CFDB694B71C125822C00343E88?OpenDocument> New range of fireboats enable more aggressive on-water firefighting while reducing risk and improving personnel safety.

To track an oil spill. By Lonny Lippsett. *Woods Hole Oceanographic Institution*. 8 February 2018. Available from: <http://www.whoi.edu/oceanus/feature/to-track-an-oil-spill> Oil spills are bad enough, but imagine if one occurs in an ocean covered with sea ice.

DNV GL boosts investment in 3D printing with establishment of Global Additive Manufacturing Centre of Excellence in Singapore. By Neil James Slater. *DNV GL*. 9 February 2018. Available from: <https://www.dnvgl.com/news/dnv-gl-boosts-investment-in-3d-printing-with-establishment-of-global-additive-manufacturing-centre-of-excellence-in-singapore--111035> The new DNV GL centre will serve as an incubator and testbed for research and development of additive manufacturing technology for the oil & gas, offshore and marine sector.

Autonomous ships and regulatory developments. By Marcia Vieira-Royle. *All About Shipping*. 11 February 2018. Available from: <http://www.allaboutshipping.co.uk/2018/02/11/autonomous-ships-and-regulatory-developments/> The idea of having an autonomous or an unmanned 105 teu vessel crossing the oceans had hardly been met with belief and acceptance by the various segments of the shipping industry, when these actors came to realise that the development of MASS (Maritime Autonomous Surface Ships) had already moved at a very significant pace

AkzoNobel develops pioneering marine fouling prevention solution based on UV-LED technology. *AkzoNobel*. 12 February 2018. Available from: <https://www.akzonobel.com/for-media/media-releases-and-features/akzonobel-develops-pioneering-marine-fouling-prevention> AkzoNobel is to develop a revolutionary fouling prevention technology which uses ultraviolet light-emitting diodes (UV-LED).

Wave power meets space technology - for smarter, zero carbon ocean monitoring.

UK Science & Technology Facilities Council. 13 February 2018. Available from:

<http://www.stfc.ac.uk/news/wave-power-meets-space-technology-for-smarter-zero-carbon-ocean-monitoring/>

Advances in ocean monitoring are providing more insights about our seas and environment than ever before, from marine life, to sea temperatures, pollution and weather.

China starts work on world's biggest test site for drone ships at gateway to South China Sea.

By Kristin Huang. *South China Morning Post.* 13 February 2018. Available from:

<http://www.scmp.com/news/china/diplomacy-defence/article/2133076/china-starts-work-worlds-biggest-test-site-drone-ships>

The facility is being built in the waters around Zhuhai, in the southern Chinese province of Guangdong, and will cover 21.6 square kilometres (8.34 square miles) in its first phase, according to Dayoo.com, a Guangzhou Daily news site.

A new generation of antifouling coatings. **By Kevin Green.** *NauticExpo E-Magazine.*

15 February 2018. Available from: <http://emag.nauticexpo.com/article-long/new-generation-antifouling-coatings/>

The new regulations require that all key biocides used in antifouling yacht paints in the EU be assessed.

Blast from the past: resurrecting sail freight shipping. **By Heidi Vella.** *Ship-Technology.Com.*

15 February 2018. Available from: <http://www.ship-technology.com/features/blast-past-resurrecting-sail-freight-shipping/>

The Schooner Apollonia is a community-focused carbon-neutral project to transport local goods along the Hudson River, to and from New York City, in a sailboat.

Over 8000 vessels automatically alerted of hazardous wreck while entering Singapore Strait.

Vesper Marine. 16 February 2018. Available from: <https://www.vespermarine.com/8000-vessels-automatically-alerted-hazardous-wreck-entering-singapore-strait/>

Vesper Marine's innovative Guardian solution successfully helped alert over 8000 vessels over 9 months to avoid navigating around a dangerous shipwreck at Singapore port.

How the future looks for ballast water treatment system suppliers. **By Malcolm Latache.**

ShipInsight. 19 February 2018. Available from: <https://shipinsight.com/future-looks-ballast-water-treatment-system-suppliers/>

When the IMO convention was adopted in 2004, it was not a sudden event as the discussions around it had been in progress for several years. In that time system makers were developing their products in expectation of a huge retrofit market.

Cargill says open-loop scrubbers best option for bigger bulkers. **By Nida Bakhsh.** *Lloyd's List.*

19 February 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121443>

In light of IMO regulations and following extensive studies, trader finds that the open-loop system is the least harmful to the environment.

Data analytics is the next big wave for shipping. **By Martyn Wingrove.** *Marine Electronics & Communications.*

21 February 2018. Available from: http://www.marinemec.com/news/view_data-analytics-is-the-next-big-wave-for-shipping_50879.htm

Shipping companies, workboat operators and even those operating fishing vessels are adopting VSAT connectivity to meet the growing requirements from regulatory authorities for reporting and from crew for social media access.

Carnival's LNG fleet: ushering in a new generation of cruise ships. **By Eva Grey.**

Ship-Technology.Com. 27 February 2018. Available from: <http://www.ship-technology.com/features/carnivals-lng-fleet-usher-new-generation-cruise-ships>

Three years ago, German cruise line AIDA Cruises made international headlines when its pilot project successfully demonstrated that a cruise ship can be powered by liquefied natural gas.

MARITIME EDUCATION & TRAINING

SMU alumna wins 2018 MLAS Maritime Mooting Competition. *Singapore Management University* 30 January 2018. Available from: <https://www.smu.edu.sg/news/2018/01/30/smu-alumna-wins-mlas-maritime-mooting-competition-2018> On 25 January 2018, SMU alumna Chow Zi En became the second SMU graduate to emerge champion at the 2018 Maritime Law Association of Singapore Maritime Mooting Competition finals held in the David Marshall Moot Court at SMU School of Law.

Maritime education in Bangladesh: A policy framework. **By Asraful Alam.**

Daily Sun (Bangladesh). 1 February 2018. Available from: <http://www.daily-sun.com/printversion/details/285841> Blue Economy is a prime concern for Bangladesh government to explore and exploit the marine resources within its maritime boundary in the Bay of Bengal.

Government doubles trainee funding in SMarT move to boost UK maritime sector. **By Nusrat Ghani MP.** *UK Government*. 2 February 2018. Available from:

<https://www.gov.uk/government/news/government-doubles-trainee-funding-in-smart-move-to-boost-uk-maritime-sector> Doubling support to £30 million a year will enable the annual intake of SMarT cadets to rise from 750 to 1,200.

Victory for UK seafaring as Government doubles funding for training. **By Holly Birkett.**

UK Chamber of Shipping. 2 February 2018. Available from:

<https://www.ukchamberofshipping.com/latest/victory-uk-seafaring-government-doubles-funding-training/> The annual intake of cadets is to grow by 60% thanks to the Government's plan to double funding for seafarer training – a policy first proposed by the UK Chamber of Shipping and trade union Nautilus.

Nautilus welcomes government decision to double SMarT budget. *Nautilus International*.

2 February 2018. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/nautilus-welcomes-government-decision-to-double-smart-budget/> The UK government has agreed to double the budget for the Support for Maritime Training (SMarT) scheme - a decision which has been warmly welcomed by Nautilus.

Shipping industry urged to update crew training to strengthen cyber resilience. **By Ines Nastali.**

Fairplay. 4 February 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4296296/shipping-industry-urged-to-update-crew-training-to-strengthen-cyber-resilience> There is no lack of industry guidance when it comes to cyber security in shipping.

Maritime industry spearheads training for teachers in robotics. *The Gleaner (Jamaica)*.

13 February 2018. Available from: <http://jamaica-gleaner.com/article/shipping/20180213/maritime-industry-spearheads-training-teachers-robotics> Women in Maritime Association, Caribbean (WiMAC) has adopted several schools for the implementation of a robotics programme.

Driving sustainability in ship recycling: Blue MBA participant Prashant Widge.

All About Shipping. 15 February 2018. Available from:

<http://www.allaboutshipping.co.uk/2018/02/15/driving-sustainability-in-ship-recycling-blue-mba-participant-prashant-widge/> Captain Prashant Widge has an unusual role for a qualified master mariner - after a fulfilling career sailing merchant ships across the globe, he is today engaged in driving sustainability in the ship recycling industry.

Our maritime sector is missing out on the skills and talents of outstanding women.

By Rachel Morgan. *Fawcett Society*. 15 February 2018. Available from:

<https://www.fawcettsociety.org.uk/blog/our-maritime-sector-is-missing-out-on-the-skills-and-talents-of-outstanding-women> Women who work in the shipping industry get paid 45% less than men.

Key Singapore cadet training programmes receive \$10m funding over three years.

By Vincent Wee. *Seatrade Maritime News*. 20 February 2018. Available from:

<http://www.seatrade-maritime.com/news/asia/key-singapore-cadet-training-programmes-receive-10m-funding-over-three-years.html> SMOU said in a press release that the TNTA and TETA cadet training programmes, will receive funding support from SSG, MPA and SMOU, providing opportunities for Singaporeans to develop themselves through progressive and fulfilling career pathways.

Maritime varsity gets NUC undergraduate degree programmes approval. By Dayo Adesulu.

Vanguard (Nigeria). 21 February 2018. Available from:

<https://www.vanguardngr.com/2018/02/maritime-varsity-gets-nuc-undergraduate-degree-programmes-approval/> National Universities Commission (NUC) has granted approval to the Maritime University, Okerenkoko, Delta State, to commence undergraduate degree programmes effective from 2017/2018 academic session.

Maritime: 12 jobs that we could not have imagined at Y2K. *Safety4Sea*. 22 February 2018.

Available from: <https://safety4sea.com/maritime-12-jobs-not-imagined-y2k/> The automation on board is a "reality" with hundreds autonomous systems working today.

'Appoint Maritime Professionals in Maritime Sector' - WMUAAAL President. By Lennart Dodoo.

Front Page Africa (Liberia). 26 February 2018. Available from:

<https://www.frontpageafricaonline.com/index.php/news/7039-appoint-maritime-professionals-in-maritime-sector-wmuaaal-president> The President of the World Maritime University Alumni Association Liberia Chapter, Mohamed Lavalie, has underscored the need for Liberia to fully explore its maritime potentials by allowing individuals with expertise in maritime to run the sector.

MARITIME SAFETY

More US-flag ships found substandard post-*El Faro*. By John Gallagher. *Fairplay*.

1 February 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4297136/more-us-flag-ships-found-substandard-post-el-faro> Large commercial US-flag ships continue to be in danger of accidents due to poor condition and safety lapses more than two years after the sinking of *El Faro*.

Shell to 'make a significant move in safety' to bring shipping industry together.

By Nicola Good. *Fairplay*. 2 February 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4297131/shell-to-%E2%80%98make-a-significant-move-in-safety%E2%80%99-to-bring-shipping-industry-together> Safety must come before operations.

Lessons learned: Improper maintenance can cost lives. *Safety4Sea*. 5 February 2018. Available from: <https://www.safety4sea.com/lessons-learned-improper-maintenance-can-cost-lives/> In UK P&I Club's latest 'Lessons Learned' series, Captain David Nichol presents a case of improper ventilation after maintenance operation, which could have led to fatality of two surveyors during a third party survey on the emergency fire pump.

ISO develops new standard to ensure 'man overboard' safety . *Ship-Technology.Com*.

14 February 2018. Available from: <http://www.ship-technology.com/news/iso-develops-new-standard-ensure-safety-man-overboard/> The International Organization for Standardisation (ISO) has developed a new global standard that aims to ensure the safety of people who fall overboard on ships.

Instructions for incident reporting. *Safety4Sea*. 14 February 2018. Available from:

<http://safety4sea.com/instructions-for-incident-reporting/> The Bahamas Maritime Authority Guidance and Instructions for Bahamian ships, regarding the incident reporting and investigations, whose purpose is to provide lessons learned for the future, as an unreported incident potentially decreases the possibility of improving safety.

Number of maritime accidents in North Sea Canal Area down in 2017. *Port of Amsterdam.*

14 February 2018. Available from: <https://www.portofamsterdam.com/en/news-item/number-maritime-accidents-north-sea-canal-area-down-2017> Around 7,000 seagoing vessels arrived in the ports of the North Sea Canal Area over the past year, (including nearly 4,700 in the Port of Amsterdam), while approximately 40,000 barges called at the port region in 2017.

HAZMAT: Handle with care. *Port News.* 20 February 2018. Available from:

<http://portnews.ru/comments/2461/> According to United Nations Recommendations on the Transport of Dangerous Goods, Model Regulations and GOST 19433, depending on the type and properties these goods are divided into nine into classes and subcategories of risk.

Seafood industry should encourage safety of fishing crews. *By Huw Thomas.*

Pew Charitable Trusts. 21 February 2018. Available from: <http://www.pewtrusts.org/en/research-and-analysis/blogs/compass-points/2018/02/21/seafood-industry-should-encourage-safety-of-fishing-crews> Seafood is the most valuable traded commodity in the world, registering nearly US\$150 billion in global commerce annually.

MARITIME SECURITY

Securing the Gulf of Guinea. *By Dakuku Peterside, Director General, NIMASA.* *The Nation*

(*Nigeria*). 1 February 2018. Available from: <http://thenationonlineng.net/securing-gulf-guinea/> The problem of maritime insecurity in the Gulf of Guinea is real.

Oil products tanker goes missing off Benin raising fears of pirate attack. *World Maritime News.*

2 February 2018. Available from: <https://worldmaritimeneews.com/archives/242822/> Ship management firm Anglo-Eastern said that it has lost contact with one of its managed oil products tanker as of February 1.

Drugs, piracy, illegal fishing focus of US-led multinational marine exercise in Seychelles.

By Salifa Karapetyan. *Seychelles News Agency.* 6 February 2018. Available from: <http://www.seychellesnewsagency.com/articles/8644> Drug trafficking, illegal fishing and piracy are the focus of Cutlass Express, the seventh annual multinational maritime exercise now being hosted by Seychelles for one week.

Cyber-risk exercises marine insurers. *By James Brewer.* *All About Shipping.* 7 February 2018.

Available from: <http://www.allaboutshipping.co.uk/2018/02/07/cyber-risk-exercises-marine-insurers/> Marine insurers are grappling with hard-to-quantify factors in their attempts to devise the right cyber-risk clauses for clients.

UNODC's Global Maritime Crime Programme *United Nations Office on Drugs and Crime*

5 February 2018. Available from: https://www.unodc.org/unodc/en/piracy/index_new.html Maritime crime poses a serious threat to the safety of seafarers, international trade and regional stability. [Annual Report 2017](#)

Naval Dome cyber security solution completes pilot testing . *Lloyd's Register.* 5 February 2018.

Available from: <https://www.lr.org/en/latest-news/naval-dome-pilot/> Naval Dome has successfully completed the pilot testing of its multi-layered cyber security system for LR aboard XT Shipping's Zim Genova.

Shipping needs another NotPetya. *By Linton Nightingale.* *Lloyd's List.* 7 February 2018.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121236> Maersk attack was a wake-up call but the industry is still in sleep mode, says former FBI cyber chief.

Cyber risk management in the maritime transportation system. By Kevin Kuhn.

Homeland Security Today. 9 February 2018. Available from: <https://www.hstoday.us/channels/us-coast-guard/cyber-risk-management-maritime-transportation-system/> While unmanned ships and autonomous ports are technologically feasible, it will be quite some time before the global maritime community overcomes the fear and uncertainty associated with removing all human control of critical safety, security, and environmentally sensitive shipping operations.

Team Tankers cite recent hijackings in ship-hardening move . By Jamey Bergman.

Tanker Shipping & Trade. 13 February 2018. Available from: http://www.tankershipping.com/news/view,team-tankers-cite-recent-hijackings-in-shiphardening-move_50806.htm Team Tankers International has pointed to a regional increase in piracy as a reason behind its adoption of additional 'ship-hardening' measures.

TT Talk - Dangerous goods: call to actions. By Peregrine Storrs-Fox. TT Club.

13 February 2018. Available from: <https://www.ttclub.com/loss-prevention/tt-talk/article/tt-talk-dangerous-goods-call-to-actions-142411/> Compliance with international regulation requires alertness to change.

TT Talk - Dangerous goods: Competence and assurance. By Peregrine Storrs-Fox.

TT Club. 13 February 2018. Available from: <https://www.ttclub.com/loss-prevention/tt-talk/article/tt-talk-dangerous-goods-competence-and-assurance-142412/> Approaching a decade ago it became mandatory for all shore-side staff involved in dangerous goods transport by sea to have training.

Songa Shipmanagement appoints KR for cyber security services. Korean Register (KR).

28 February 2018. Available from: http://www.krs.co.kr/sub/eng_board_read.aspx?no=8242&s_code=0502070000&b_code=006037000 Korean Register (KR) has announced that it has signed an agreement with Songa Ship Management to provide specialist cyber security technical services, covering a fleet of 32 ships.

MIGRANTS

Mediterranean migrant arrivals reach 7,511 in 2018; Deaths reach 390.

International Organization for Migration (IOM). 6 February 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-7511-2018-deaths-reach-390> IOM reports that 7,511 migrants and refugees entered Europe by sea through the first five weeks of 2018.

Libya, Maritime Update Libyan Coast, 1 - 31 January 2018. *International Organization for Migration (IOM)*. 12 February 2018. Available from: <https://www.iom.int/sitreps/libya-maritime-update-libyan-coast-1-31-january-2018>

Mediterranean migrant arrivals reach 8,154 in 2018; Deaths reach 401.

International Organization for Migration (IOM). 13 February 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-8154-2018-deaths-reach-401> IOM reports that 8,154 migrants and refugees entered Europe by sea through the first six weeks of 2018.

Mediterranean migrant arrivals reach 8,407 in 2018; Deaths reach 404.

International Organization for Migration (IOM). 16 February 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-8407-2018-deaths-reach-404> IOM reports that 8,407 migrants and refugees entered Europe by sea through seven weeks of 2018.

Mediterranean migrant arrivals reach 10,114 in 2018; Deaths reach 414.

International Organization for Migration (IOM). 27 February 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-10114-2018-deaths-reach-414> IOM reports that 10,114 migrants and refugees have entered Europe by sea through the first eight weeks of 2018.

NAVIGATION & COMMUNICATIONS

Who wants to run the Maritime Connectivity Platform? By Martyn Wingrove.

Marine Electronics & Communications. 6 February 2018. Available from:

http://www.marinemec.com/news/view,who-wants-to-run-the-maritime-connectivity-platform_50710.htm After three years of development and testing, the EfficienSea 2 project will finish in April.

Vessels in Persian Gulf obligated to use Iranian-Defined Routes: Commander.

Tasnim News Agency (Iran). 13 February 2018. Available from:

<https://www.tasnimnews.com/en/news/2018/02/13/1655768/vessels-in-persian-gulf-obligated-to-use-iranian-defined-routes-commander> In compliance with a new regulation introduced by Iran's Supreme National Security Council, all foreign vessels entering the Persian Gulf have to take the maritime routes defined by Iran.

Maritime industry readies for a new era of choice with Iridium Certus (SM) global launch partners.

Iridium Communications Plc. 14 February 2018. Available from:

<http://investor.iridium.com/releasedetail.cfm?ReleaseID=1057485> Iridium Communications Inc. announced today that Marlink, Speedcast, Applied Satellite Technologies Ltd (AST) and Satcom Global are the initial global maritime launch partners for Iridium Certus.

Vessel traffic management system launched in Cebu.

Manila Bulletin. 21 February 2018. Available from: <https://business.mb.com.ph/2018/02/20/vessel-traffic-management-system-launched-in-cebu/> A 1.5-billion yen (P739-million) vessel traffic management system (VTMS) was recently launched in Cebu as part of an ongoing development cooperation between the Japan International Cooperation Agency and Philippine Coast Guard to boost Philippine maritime safety.

Landslide shuts ships out of Corinth Canal. By Harry Papachristou.

TradeWinds. 26 February 2018. Available from: <http://www.tradewindsnews.com/casualties/1441386/landslide-shuts-ships-out-of-corinth-canal> Greek authorities have stopped ship traffic on the Corinth Canal on Monday, after landslide eroded its steep rock walls.

Raising the alarm on Ecdis. By Anastassios Adamopoulos.

Lloyd's List. 26 February 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121330> Autonomous vessels may be seen as the coup de grâce to end all maritime accidents, but the shipping industry is faced with more immediate challenges for navigational safety.

PIRACY

Hot water thrown on pirates.

Maritime Executive. 17 February 2018. Available from: <https://www.maritime-executive.com/article/hot-water-thrown-on-pirates-in-malaysia> An attack by suspected Abu Sayyaf pirates was thwarted on Friday after boiling water mixed with oil was poured on the men as they tried to board the vessel.

West African pirates taking hostages for ransom as oil prices tank.

ABC Radio (Australia). 20 February 2018. Available from: <http://www.radioaustralia.net.au/international/2018-02-20/west-african-pirates-taking-hostages-for-ransom-as-oil-prices-tank/1737260> Chirag Bari's merchant ship *MT Marida Marguerite* was nearing the Gulf of Aden when the vessel was boarded by Somali pirates.

Pirates fire upon tanker in Gulf of Guinea.

World Maritime News. 22 February 2018. Available from: <https://worldmaritimeneeds.com/archives/245268> The pirates made seven attempts to hook an aluminum ladder on the tanker's railing but were unsuccessful due to the ship's evasive manoeuvres.

Somali pirates shoot at Leopard tanker. By Andy Pierce. *TradeWinds*. 23 February 2018. Available from: <http://www.tradewindsnews.com/casualties/1440164/somali-pirates-shoot-at-leopard-tanker> Suspected Somali pirates have exchanged fire with an armed security team onboard a Leopard Tankers ship in what is believed to be the first incident in the region this year.

EU NAVFOR confirms *MT Leopard Sun* attacked 160 nautical miles off the central coast of Somalia. *EU NAVFOR Somalia*. 23 February 2018. Available from: <http://eunavfor.eu/eu-navfor-confirms-mt-leopard-sun-attacked-160-nautical-miles-off-the-central-coast-of-somalia/> On 23rd February at 0030 local time, the Motor Tanker *Leopard Sun* was attacked by two skiffs 160 nautical miles off the coast of Somalia.

Gulf of Guinea piracy evolving, crew on moving vessels 'easiest targets'. By Jamey Bergman. *Tanker Shipping & Trade*. 27 February 2018. Available from: http://www.tankershipping.com/news/view.gulf-of-guinea-piracy-evolving-crew-on-moving-vessels-easiest-targets_50933.htm Piracy is becoming a more significant problem for vessels operating in the Gulf of Guinea in spite of a worldwide drop in piracy during 2017.

PORT STATE CONTROL

Foreign flagged ships under detention in the UK during January 2018. *UK Government*. 7 February 2018. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-under-detention-in-the-uk-during-january-2018> The Maritime and Coastguard Agency (MCA) announced today that ten foreign flagged ships were under detention in UK ports during January 2018 after failing Port State Control (PSC) inspection.

Paris MoU Releases Results of Safety of Navigation Campaign. *Maritime Executive*. 19 February 2018. Available from: <https://www.maritime-executive.com/article/paris-mou-releases-results-of-safety-of-navigation-campaign> The Paris MoU region and the Tokyo MoU performed a joint Concentrated Inspection Campaign (CIC) on Safety of Navigation, including ECDIS, last year, and the Paris MoU has released its initial findings, saying the results are encouraging.


PORTS & HARBOURS

Port of Rotterdam teams with IBM Internet of Things to digitize operations. *Port of Rotterdam*. 31 January 2018. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/port-of-rotterdam-teams-with-ibm-internet-of-things-to-digitize-operations> The Port of Rotterdam Authority and IBM today announced their collaboration on a multi-year digitisation initiative to transform the port's operational environment using Internet of Things (IoT) technologies in the cloud to benefit the port and those who use it.

Construction of land-based LNG facility under way at the Port of Gothenburg. *Port of Gothenburg*. 1 February 2018. Available from: <https://www.portofgothenburg.com/news-room/news/construction-of-land-based-lng-facility-under-way-at-the-port-of-gothenburg/> The facility will open up new opportunities for LNG-fuelled ships that call at the Gothenburg Energy Port.

How a tiny frog and a big fish could block Port of Montreal expansion. *Canadian Broadcasting Corporation (CBC)*. 1 February 2018. Available from: <http://www.cbc.ca/news/canada/montreal/port-of-montreal-development-1.4513802> The Port of Montreal wants to expand to the South Shore, building a large-scale shipping dock at Contrecoeur, but a fish and a frog, both at-risk species, may get in the way of that plan.

Digital technologies change seaport operations. By Layan Damanhour. *Saudi Gazette.* 4 February 2018. Available from: <http://saudigazette.com.sa/article/527740> After ranking as the fastest growing port in the Middle East in 2017, leading port operating Gulf Stevedoring (GSCCO) says it has plans to optimize trade flows through Jubail Commercial Port (JCT) this year to drive growth across the region.

Guidance on LNG Bunkering to Port Authorities and Administrations. *European Maritime Safety Agency (EMSA).* 6 February 2018. Available from: <http://www.emsa.europa.eu/news-a-press-centre/external-news/item/3207-guidance-on-lng-bunkering-to-port-authorities-and-administrations.html> The guidance was prepared in close cooperation with the European Commission (DG MOVE), member states and industry within the context of the European Sustainable Shipping Forum. [EMSA Guidance on LNG Bunkering](#) 

CNBC Transcript: Sultan Ahmed bin Sulayem, Chairman and CEO, Dubai Ports World. *CNBC.* 12 February 2018. Available from: <https://www.cnbc.com/2018/02/12/cnbc-transcript-sultan-ahmed-bin-sulayem-chairman-and-ceo-dubai-ports-world.html> Following is the transcript of an exclusive CNBC interview with Sultan Ahmed bin Sulayem, Chairman and CEO of Dubai Ports World at the 2018 World Government Summit in Dubai.

MEDPorts promoting the establishment of a Mediterranean ports association. *Port News.* 12 February 2018. Available from: <http://www.en.portnews.ru/news/253453/> On the initiative of the Marseille Port Authority, the third MEDPorts Forum took place in Marseille on 7 and 8 February, Luka Koper said in its press release.

Hong Kong boosts productivity with remote-controlled yard operations. By Turloch Mooney. *Fairplay.* 14 February 2018. Available from: <https://fairplay.ihs.com/ports/article/4297681/hong-kong-boosts-productivity-with-remote-controlled-yard-operations> Yard productivity at one of Hong Kong's main container terminals could improve by as much as 40% with the introduction of a pioneering remote-controlled yard crane and automated stacking system.

Port of Gothenburg nominated for international environmental award. *Port of Gothenburg.* 13 February 2018. Available from: <https://www.portofgothenburg.com/news-room/news/port-of-gothenburg-nominated-for-international-environmental-award/> The Port of Gothenburg has been nominated for the GREEN4SEA Port Award 2018 in recognition of the company's environmental work.

'Wage slave' or a great place to work? By Michael Grey. *Seatrade Maritime News.* 15 February 2018. Available from: <http://www.seatrade-maritime.com/news/europe/wage-slave-or-a-great-place-to-work.html> Are you what is termed a "wage slave", crawling unwillingly to work and counting the hours until the weekend, or even the end of the shift?

Hamburg equips for the future with improved infrastructure and digitalization. *Port of Hamburg.* 14 February 2018. Available from: <https://www.hafen-hamburg.de/en/news/port-4-0-hamburg-equips-for-the-future-with-improved-infrastructure-and-digitalization---35646> In the last business year, the high quality services provided by the Port of Hamburg's operators has lead to a stable handling result comparable with the previous year.

India to get control of key port in Iran for 18 months. *Times of India.* 17 February 2018. Available from: <https://timesofindia.indiatimes.com/india/india-to-get-control-of-key-port-in-iran-for-18-months/articleshow/62963561.cms> India and Iran on Saturday signed a significant pact which gives New Delhi operational control of a part of the strategically located Chabahar port on the Gulf of Oman for 18 months.

Post-Brexit port health border disruption still a major concern for British ports.

British Ports Association. 19 February 2018. Available from:

<https://www.britishports.org.uk/news/post-brexit-port-health-border-disruption-still-a-major-concern-for-british-ports>

Responding to the publication of the Commons Environment, Food and Rural Affairs Committee report on 'Brexit: Trade in Food', the British Ports Association warned that without agreements on cross-border environmental health standards there could be major disruption at UK and EU ports.

Less fuel oil and more LNG bunkered in 2017. *Port of Rotterdam*. 19 February 2018.

Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/less-fuel-oil-and-more-lng-bunkered-in-2017> In 2017, the sale of bunker oil - fuel for shipping - in the Rotterdam bunker port diminished from 10.1 million m³ to 9.9 million m³.

Digitalisation signals "fourth industrial revolution" for global ports sector: PEMA.

Port Equipment Manufacturers Association (PEMA). 19 February 2018. Available from:

<http://www.pema.org/4631/digitalisation-signals-fourth-industrial-revolution-for-global-ports-sector-pema/>

"With the necessary ambition among PEMA members, everybody can be best in class in improving safety, driving efficiency, and reducing environmental impact," PEMA president, Ottonel Popesco, told AGM delegates.

PFSOF laments proximity of ports to communities. By Izuchukwu Ozoemena.

Business & Maritime West Africa. 20 February 2018. Available from:

<http://www.businessandmaritimewestafrica.com/maritime-development/psof-laments-proximity-of-ports-to-communities>

The Ports Facilities Security Officers Forum (PFSOF), Lagos maritime security zone, has expressed concern over the convergence of residential communities with seaports, saying it is a major factor for the increasing robbery at sea.

Papua's ports: will international condemnation mark a turning point? By Patrick Kingsland.

Ship-Technology.Com. 21 February 2018. Available from: [https://www.ship-](https://www.ship-technology.com/features/papuas-ports-will-international-condemnation-mark-a-turning-point/)

[technology.com/features/papuas-ports-will-international-condemnation-mark-a-turning-point/](https://www.ship-technology.com/features/papuas-ports-will-international-condemnation-mark-a-turning-point/)

It's one of the fastest growing terminal operators in the world, with 29 container terminals in dozens of different countries.

Bribery in shipping: 'The class society, the IMO, the whole world knew and never did anything'. By Paul Berrill and Michael Juliano.

TradeWinds. 22 February 2018. Available from:

<http://www.tradewindsnews.com/TWplus/1414618/bribery-in-shipping-the-class-society-the-imo-the-whole-world-knew-and-never-did-anything>

The captain pulls his cargoship into a faraway port, its amber lights and those of the sleeping city beyond glimmering amid the deep night.

Security concern raised at Chittagong port after unauthorised boat approaches foreign ship.

Bdnews24.Com (Bangladesh). 24 February 2018. Available from:

<https://bdnews24.com/business/2018/02/24/security-concern-raised-at-chittagong-port-after-unauthorised-boat-approaches-foreign-ship>

A port official told bdnews24.com on Friday that the GBX incident might seem insignificant, but could lead to a security threat.

Greece's Piraeus port enters new era with increasing handling capacity. *Xinhuanet (China)*.

27 February 2018. Available from: http://www.xinhuanet.com/english/2018-02/27/c_137001734.htm

Piraeus port, the largest harbor in Greece, entered a new era of handling 20,000 plus twenty-foot equivalent unit (TEU) vessels on Monday when China's COSCO Shipping *Taurus* giga container vessel, one of the biggest worldwide, docked here.

754 ships desert eastern ports. By Yusuf Babalola. *Leadership (Nigeria)*. 26 February 2018.

Available from: <https://leadership.ng/2018/02/26/754-ships-desert-eastern-ports/>

A total of 754 vessels dumped the eastern ports in the country within a period of three years due to shallow depth and pirate attacks, LEADERSHIP's investigations have revealed.

Heavy security and a 'climate of fear' surround China's flagship port in Pakistan.

South China Morning Post. 27 February 2018. Available from:

<http://www.scmp.com/news/asia/article/2134832/heavy-security-and-climate-fear-surround-chinas-flagship-port-pakistan> For the thousands of attendees it was meant to be a conference to showcase China's flagship Belt and Road project in Pakistan – the port in southwestern Gwadar that gives Beijing access to the Arabian Sea.

First ever International Maritime Charter for sustainable ports worldwide. *Port of Antwerp*.

26 February 2018. Available from: <http://www.portofantwerp.com/en/news/first-ever-international-maritime-charter-sustainable-ports-worldwide> The World Ports Sustainability Program (WPSP) charter will be signed in Antwerp on 22 March.

EBRD boosts Turkish-run port in Montenegro. *By Gokhan Ergocun. Anadolu Agency (Turkey).*

26 February 2018. Available from: <https://aa.com.tr/en/economy/ebd-boosts-turkish-run-port-in-montenegro/1074492> The European Bank for Reconstruction and Development (EBRD) is providing a €20 million (\$24.6 million) loan to modernize the Turkish-owned Port of Adria, which handles over 95 percent of Montenegro's maritime freight, the bank announced on Monday.

REGULATIONS

No exceptions from insurers in 2020 for IMO non-compliance. *S&P Global Platts.*

2 February 2018. Available from: <https://www.platts.com/latest-news/shipping/london/feature-no-exceptions-from-insurers-in-2020-for-26884390> As the International Maritime Organization's 2020 0.5% global sulfur cap draws ever nearer there are plenty of questions that remain unanswered, one of which is the impact on insurance policies.

The Fight Against NOx Emissions. *All About Shipping*. 7 February 2018. Available from:

<http://www.allaboutshipping.co.uk/2018/02/07/the-fight-against-noxious-emissions/>

The IMO's Tier III limits for nitrous oxide (NOx) emissions from new ships operating in emission control areas (ECAs) are one of the latest regulatory challenges for many shipowners.

Plea for sulphur cap transition period persists at IMO. *By Anastassios Adamopoulos.*

Lloyd's List. 7 February 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1121227> Saudi Arabia and other members foster hopes of a transitional period after 2020.

IMO2020: Scorpio Bulk carriers says these are the 3 barriers to adopting scrubbers. *Ship & Bunker.*

9 February 2018. Available from: <https://shipandbunker.com/news/world/946581> Scorpio Bulk carriers Inc. (Scorpio Bulk carriers) say there are currently three things preventing a "mature long-term decision" being made on choosing scrubbers as a compliance solution for IMO 2020.

Banning non-compliant fuel onboard is one thing. Enforcing it is another. *Fathom News.*

10 February 2018. Available from: <http://www.fathom-news.com/banning-non-compliant-fuel-oil-ships-one-thing-enforcing-another/> The IMO is on its way to ban ships from carrying fuel oil onboard that they cannot legally use.

Insurers demand enhanced regulations as new mega vessels come online. *By Jon Guy.*

Fairplay. 12 February 2018. Available from: [https://fairplay.ihs.com/safety-](https://fairplay.ihs.com/safety-regulation/article/4297366/insurers-demand-enhanced-regulations-as-new-mega-vessels-come-online)

[regulation/article/4297366/insurers-demand-enhanced-regulations-as-new-mega-vessels-come-online](https://fairplay.ihs.com/safety-regulation/article/4297366/insurers-demand-enhanced-regulations-as-new-mega-vessels-come-online) For some years the marine insurance sector has voiced its fears about the increasing size of vessels used by world shipping.

Old attitudes, new systems: why shipowners are struggling to adapt to the BWMC.

By Ross Davies. *Ship-Technology.Com*. 13 February 2018. Available from: <http://www.ship-technology.com/features/old-attitudes-new-systems-shipowners-struggling-adapt-bwmc/> The Ballast Water Management Convention might now be in force, but shipowners are dragging their heels over installing new systems.

Owners warned about new China regulations on solid waste. By Vincent Wee.

Seatrade Maritime News. 12 February 2018. Available from: <http://www.seatrade-maritime.com/news/asia/owners-warned-about-new-china-regulations-on-solid-waste.html> The London P&I Club has highlighted new stricter China regulations on solid waste imports, and warned in particular about the stiff penalties that been put in place recently.

Deadlines looming on emissions-monitoring plans warns ABS. By Mary Bond.

Seatrade Cruise News. 20 February 2018. Available from: <http://www.seatrade-cruise.com/news/news-headlines/deadlines-looming-on-emissions-monitoring-plans-warns-abs.html> At the start of this year, the European Union made it mandatory for all ships above 5,000gt to have an emissions-monitoring plan (EU-MRV) in place before calling at ports on the continent.

Oil majors expect compliant marine fuels produced from residuals as post-2020 choice.

By Max Tingyao Lin. *Lloyd's List*. 22 February 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121519> The post-2020 bunker scene will see 0.5% sulphur fuel oil made from residual fuel becoming the preferred marine bunkering choice, according to two of the world's largest energy firms, even though such products have yet to emerge.

SALVAGE

The Nairobi Convention: navigating obstacles to shipwreck removal. By Joe Baker.

Ship-Technology.Com. 8 February 2018. Available from: <http://www.ship-technology.com/features/nairobi-convention-navigating-obstacles-shipwreck-removal/> Canada recently became the latest in a growing number of states to adopt the International Maritime Organization's Nairobi International Convention on the Removal of Wrecks.

Salvage update: Kea Trader removal contractor chosen. By Martyn Wingrove.

Tug Technology & Business. 14 February 2018. Available from: http://www.tugtechnologyandbusiness.com/news/view,salvage-update-ikea-trader-removal-contractor-chosen_50816.htm Lomar Shipping, owner of the *Kea Trader* wreck in the southern Pacific, is close to awarding a removal contract following a three-month tender process.

SEAFARERS

Sheriff orders cash release to pay Malaviya Seven crew. BBC News. 31 January 2018.

Available from: <http://www.bbc.co.uk/news/uk-scotland-north-east-orkney-shetland-42888826> The crew of the troubled *Malaviya Seven* supply ship look set to be paid within the week.

Greek car carrier operator accused of failing to pay crew. By Sam Chambers. Splash 24/7.

1 February 2018. Available from: <http://splash247.com/greek-car-carrier-operator-accused-of-failing-to-pay-crew/> Christian Roos, a Belgian ITF inspector, has alerted Splash to another case of crew abandonment.

No sign of ship with 22 Indians that vanished from West Africa. Times of India. 4 February 2018.

Available from: <https://timesofindia.indiatimes.com/india/no-sign-of-ship-with-22-indians-that-vanished-from-west-africa/articleshow/62771184.cms> A Panama-flag merchant ship with 22 Indian crew members went missing from Benin Coast of West Africa on Thursday.

Gov't to open Guesthouse in South Africa for Indonesian seamen. By Telly Nathalia.

Jakarta Globe. 2 February 2018. Available from: <http://jakartaglobe.id/news/govt-to-open-guesthouse-in-south-africa-for-indonesian-seamen/> The government plans to open a guesthouse in Cape Town this year to cater to Indonesian seafarers, the directorate of citizen protection and legal aid at the Ministry of Foreign Affairs said in a report published on Thursday (01/02).

Merchant ship with 22 Indians onboard missing, govt coordinating with Nigeria.

Indian Express. 4 February 2018. Available from: <http://indianexpress.com/article/india/oil-tanker-missing-merchant-ship-22-indians-hijack-piracy-pirates-west-african-coast-nigeria-mea-5050833/> The missing merchant vessel is owned by Mumbai-based Anglo Eastern shipping company.

Fishing's dark side: the need to improve conditions for workers. By Joe Baker.

Ship-Technology.Com. 5 February 2018. Available from: <https://www.ship-technology.com/features/fishings-dark-side-need-improve-conditions-workers/> Countries and organisations are coming together to try and improve conditions for workers in the fishing sector, who often bear the brunt of unsafe conditions and informal working practices.

Hijacked oil tanker with 22 Indians on board released. Times of India. 6 February 2018.

Available from: <https://timesofindia.indiatimes.com/india/hijacked-oil-tanker-with-22-indians-on-board-released/articleshow/62800038.cms> Pirates today freed an oil tanker with 22 Indians on board that they had hijacked in West Africa on February 1.

Hong Kong-managed tanker released after being hijacked by pirates, company reveals.

By Clifford Lo. *South China Morning Post*. 6 February 2018. Available from: <http://www.scmp.com/news/hong-kong/article/2132201/hong-kong-managed-tanker-released-after-being-hijacked-pirates> The vessel - *Marine Express* - was handed back in the early hours of Tuesday, shipping firm Anglo-Eastern said, adding that all crew members were safe and no cargo was stolen.

AoS Chaplains help unpaid seafarers. By Erin Carelse. Southern Cross (South Africa).

6 February 2018. Available from: <https://www.scross.co.za/2018/02/chaplains-help-unpaid-seafarers/> When a group of seafarers were left in limbo in the port of Durban after their ship was detained following the non-payment of wages, Catholic charity Apostleship of the Sea came to the rescue.

Interview: Ben Baily of Mission to Seafarers. Union of Christian Broadcasters (UCB).

February 2018. Available from: <https://soundcloud.com/ucbnewsteam/oil-tanker-and-22-crew-released-after-being-held-for-4-days-by-west-african-pirates> 22 crew members have been released by pirates after being held hostage for four days near Benin.

9th Maritime Employee Survey results. Halcyon Recruitment. February 2018. Available from:

<http://www.halcyonrecruitment.com/news/article.aspx?ArticleID=68> The Survey reveals rising confidence in shipping industry employment prospects [Maritime Employee Survey 2017](#)

Bristol University law students lead on new Flag State project. Human Rights at Sea (HRAS).

9 February 2018. Available from: <https://www.humanrightsatsea.org/bristol-university-law-students-lead-on-new-flag-state-project/> The University of Bristol's Human Rights Implementation Centre offers a unique opportunity for students to conduct applied research in collaboration with valued partners through its Human Rights Law Clinic.

The "New" Human Rights at Sea Debate. By Sofia Galani. Maritime Executive.

12 February 2018. Available from: <https://www.maritime-executive.com/editorials/the-new-human-rights-at-sea-debate#gs.4BzRx1w> Dr Sofia Galani, one of Human Rights at Sea's Non-Executive Board of Advisors, gave a presentation at the Bath Royal Literary and Scientific Institution last month on the topic of maritime security and human rights.

Maritime NZ leading the way for seafarers. *Maritime New Zealand*. 14 February 2018.

Available from: <https://www.maritimenz.govt.nz/public/news/media-releases-2018/20180214b.asp>
New Zealand is helping local seafarers with fishing qualifications to have their training recognised when working overseas, by being an early adopter of an International Maritime Organization convention.

Greek owner pays \$166,000 in crew pay arrears to get car carrier into gear.

By Sam Chambers. *Splash 24/7*. 19 February 2018. Available from: <http://splash247.com/greek-owner-pays-166000-crew-pay-arrears-get-car-carrier-gear/> Another crew neglect case has been resolved.

ISWAN's seminar/workshop in Mumbai addresses future of seafarers' welfare.

International Seafarers' Welfare and Assistance Network (ISWAN). 19 February 2018.

Available from: <http://seafarerswelfare.org/news-and-media/latest-news/iswans-seminar-workshop-in-mumbai-addresses-future-of-seafarers-welfare> On Friday 9th February, the International Seafarers' Welfare and Assistance Network (ISWAN) held a seminar/workshop at the Maritime Training Institute in Powai, Mumbai with the theme: 'Further Enhancing Seafarers' Welfare - Challenges and Opportunities - Going Forward'.

Stella Maris, the century-old charity helping foreign seafarers regain their land legs.

By Sophie Meixner. *ABC (Australia)*. 21 February 2018. Available from:

<http://www.abc.net.au/news/2018-02-20/charity-stella-maris-helping-foreign-seafarers-regain-land-legs/9401166> In some cases, they have been at sea and away from their families for nine months or longer.

ITF, maritime employers hammer out wage increase for seafarers. *World Maritime News*.

22 February 2018. Available from: <https://worldmaritimenews.com/archives/245322> JNG is comprised of the International Maritime Employers' Council (IMEC), the International Shipping Employers' Group (ISEG), which incorporates the International Maritime Managers' Association of Japan (IMMAJ), and the Taiwanese company Evergreen, and the Korean Shipowners' Association.

UPDATE: Tintomara detainment lifted after chief, captain removed. By Tegan Annett.

Gladstone Observer (Australia). 26 February 2018. Available from:

<https://www.gladstoneobserver.com.au/news/breaking-crew-on-board-horrific-ship-sign-itf-agre/3346683/> The Hong Kong owned flag of convenience ship, flying a Liberian flag, left Auckland Point Wharf last night.

Conditions now deadly on abandoned chemical tanker off Tunisia. By Sam Chambers.

Splash 24/7. 26 February 2018. Available from: <http://splash247.com/conditions-now-deadly-abandoned-chemical-tanker-off-tunisia/> The master of the chemical tanker *Qaaswa* has contacted Splash with details of another shocking case of crew abandonment.

Captain removed after starving crew complain. *Maritime Executive*. 24 February 2018.

Available from: <https://maritime-executive.com/article/captain-removed-after-starving-crew-complain>
The master of the Liberia-flagged chemical tanker *Tintomara* has been removed from his ship in Gladstone, Australia, after the vessel was detained amid allegations of poor working conditions by the crew.

HK's iconic seafarers' haven to be redeveloped. By Vincent Wee. *Seatrade Maritime News*.

27 February 2018. Available from: <http://www.seatrade-maritime.com/news/global-whispers/hk-s-iconic-seafarers-haven-to-be-redeveloped.html> The site housed the city's first "Sailor's Home" opened by huge trading firms such as Jardine Matheson in 1863 to provide seafarers a welcome rest on dry land.

Mediterranean Car Carriers Line involved in another case of crew neglect. By Sam Chambers. *Splash* 24/7. 28 February 2018. Available from: <http://splash247.com/mediterranean-car-carriers-line-rocked-by-another-case-of-crew-neglect/> Greece's Mediterranean Car Carriers Line (MCCL) is in the news again after it was revealed that the crew on another of its five ships have not been paid for the last four months.

MLC hours of work and rest wording questioned. *Maritime Executive*. 27 February 2018. Available from: <https://www.maritime-executive.com/article/mlc-hours-of-work-and-rest-wording-questioned#gs.zFYyhXA> Maritime risk prevention firm, Prevention at Sea (PaSea), has raised concerns about the different interpretations attributed to MLC 2006 Regulation 2.3 Hours of work and hours of rest, para. 5(b) and para. 6.

SEARCH & RESCUE

MH370: search ship disappears for three days. By Naaman Zhou. *The Guardian*. 6 February 2018. Available from: <https://www.theguardian.com/world/2018/feb/06/mh370-search-ship-disappears-for-three-days> Seabed Constructor, which has been looking for missing plane, turned off its monitoring system.

Guidelines for SAR plans onboard passenger ships. *Safety4Sea*. 13 February 2018. Available from: <https://www.safety4sea.com/guidelines-for-sar-plans-onboard-passenger-ships/> The need for a uniform basis for the establishment of plans for cooperation between passenger ships and search and rescue (SAR) services in accordance with SOLAS regulation V/7.3, is very important.

SHIP RECYCLING

Cash buyer criticizes blacklisting: "It's not realistic". By Niklas Krigslund. *ShippingWatch*. 2 February 2018. Available from: <https://shippingwatch.com/carriers/article10263265.ece> The world's biggest cash buyer of end-of-life ships, GMS, thinks that Norway's oil fund has blacklisted four carriers on an uninformed basis.

The Shame Game. By Michael Grey. *Lloyd's List*. 8 February 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121083> We need to show the world's biggest ship recyclers that we will encourage their improvements, not constantly bleat about their deficiencies.

World's largest investor not convinced by the Hong Kong convention. By Tomas Kristiansen. *ShippingWatch*. 13 February 2018. Available from: <https://shippingwatch.com/secure/carriers/Container/article10303786.ece> Unlike a significant portion of the shipping sector, the Council on Ethics at the world's biggest independent investor, Norway's Government Pension Fund Global, does not believe that a Hong Kong certification in and of itself is enough to approve a scrapping facility.

Maersk CEO: Alang yards catching up with Chinese, Turkish rivals. *World Maritime News*. 15 February 2018. Available from: <https://worldmaritimenews.com/archives/244398/> Shipbreaking yards in Alang, India seem to be on the track of transformation toward becoming compliant with high safety and environmental standards, according to the Chief Executive Officer.

Ship Recycling: The Relevance of the Basel Convention. By Dr Kanu Priya Jain, Coordinator, Responsible Ship Recycling, GMS. *Maritime Executive*. 20 February 2018. Available from: <https://www.maritime-executive.com/editorials/ship-recycling-the-relevance-of-the-basel-convention> The Basel Convention on the Control of Transboundary Movements of Hazardous Waste and Their Disposal, also known as the Basel Convention was adopted in 1989 and came into force in 1992.

Platform publishes list of ships dismantled worldwide in 2017. *NGO Shipbreaking Platform.* 20 February 2018. Available from: <http://www.shipbreakingplatform.org/press-release-platform-publishes-list-of-ships-dismantled-worldwide-in-2017/> According to new data released today, 835 large ocean-going commercial vessels were sold to the scrap yards in 2017.

SHIPBUILDING & SHIPREPAIR

A historic moment for Teekay - and for Arctic exploration. *Teekay Corporation.* 31 January 2018. Available from: <http://teekay.com/blog/2018/01/31/eduard-toll-teekays-first-icebreaker-Ing-carrier-newbuilding-delivered/> *Eduard Toll* is the fourth of 15 Arc7 LNG carriers being built for the Yamal LNG project and Teekay's first of six LNG Carrier Newbuildings contracted to service the project.

ILO to adopt improved code of practice for shipbuilding and ship repair. *IndustriALL Global Union.* 1 February 2018. Available from: <http://www.industrialunion.org/ilo-to-adopt-improved-code-of-practice-for-shipbuilding-and-ship-repair-0> Expert representatives of governments, employers and workers from around the world gathered at the ILO in Geneva, Switzerland, from 22 to 26 January, to improve and adopt a revised code of practice on safety and health in shipbuilding and ship repair.

Indian and Russian shipbuilders sign MoU to develop "eco-friendly" vessels. *Ship & Bunker.* 5 February 2018. Available from: <https://shipandbunker.com/news/world/260677-indian-and-russian-shipbuilders-sign-mou-to-develop-eco-friendly-vessels> India's Cochin Shipyard Limited (CSL) says it has signed a memorandum of understanding (MoU) with Russia's United Shipbuilding Corporation (USC) to collaborate on the design and development of "eco-friendly" transportation on Inland and Coastal Waterways.

Japan to fund research on IoT and AI for shipbuilding industry. *By Tae-Jun Kang. Lloyd's List.* 6 February 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121171> Subsidy recipients will study how to apply IoT and AI technologies to manufacturing processes within the shipbuilding industry.

Ship design developments and impact on PH shipping. *Manila Times.* 10 February 2018. Available from: <http://www.manilatimes.net/ship-design-developments-impact-ph-shipping/379286/> At the Tripartite Shipbuilding Forum in Nantong, China, last November, attendees arrived at an agenda on tweaking ship designs to address climate problems and counter cybersecurity problems.

Industry welcomes four new ocean-going vessels capable of running on methanol. *By Sarah Carter. ShipInsight.* 15 February 2018. Available from: <https://shipinsight.com/industry-welcomes-four-new-ocean-going-vessels-capable-running-methanol/> Waterfront Shipping Company (WFS), Marininvest/Skagerack Invest (Marinvest), IINO Kaiun Kaisha (IINO), Mitsui & Co, and the NYK Group (NYK) are proud to announce their investment to build four new ocean-going vessels powered by clean-burning methanol fuel.

Europe takes first steps in electrifying world's shipping fleets. *By Paul Hokenos. Yale Environment 360.* 22 February 2018. Available from: <http://e360.yale.edu/features/europe-takes-first-steps-in-electrifying-worlds-shipping-fleets> Since early 2015, a mid-sized car ferry, the *MS Ampere*, has been traversing the Sognefjord in western Norway from early morning to evening, seven days a week — without a whiff of smokestack exhaust or a decibel of engine roar.

Why we are reshaping the ship. *By Craig Eason. Fathom News.* 24 February 2018. Available from: <http://www.fathom-news.com/why-we-are-reshaping-the-ship/> Maritime technology firms have become adept at painting a pretty picture of the future of shipping.

SHIPPING

Gender Diversity Handbook. *Women's International Shipping & Trading Association (WISTA)*. 31 January 2018. Available from: http://www.wista.net/sg/news/news/news_id,2614 More than a manual, the booklet aims to sensitize junior and senior officers to the challenges women seafarers may face.

Lisa Lutoff-Perlo: A Champion of Diversity. By Wendy Laursen. *Maritime Executive*. 31 January 2018. Available from: <https://maritime-executive.com/features/lisa-lutoff-perlo-a-champion-of-diversity> In 2014, when Lisa Lutoff-Perlo took over as CEO and President of Celebrity Cruises, she was the first and only woman to lead one of Royal Caribbean Cruises' brands and the first and only female CEO of a publicly traded cruise line on the New York Stock Exchange.

Cargill signs four new strategic partnerships to advance sustainability in the ocean shipping industry. *Cargill*. 1 February 2018. Available from: <https://www.cargill.com/2018/cargill-signs-four-new-strategic-partnerships> Efforts will reduce emissions; improve safety and efficiency of international shipping.

TEU Tokens - First Cryptocurrency for container shipping is launched. By Gavin van Marle. *gCaptain*. 31 January 2018. Available from: <http://gcaptain.com/teu-tokens-first-cryptocurrency-for-container-shipping-is-launched/> Container shipping could see the first widespread use of a cryptocurrency this week

Lack of due diligence now could prove an expensive mistake in the future, warns Coldharbour Chief Executive. *Ship Management International*. 1 February 2018. Available from: <http://shipmanagementinternational.com/lack-of-due-diligence-now-could-prove-an-expensive-mistake-in-the-future-warns-coldharbour-chief-executive/> Many ship operators require a far better understanding of ballast water treatment technologies and their shortcomings in real-life applications, Coldharbour Marine Chief Executive, Andrew Marshall, has warned.

LPG as marine fuel: The World LPG Association supports the shipping industry to meet emission regulations. *Hellenic Shipping News*. 1 February 2018. Available from: <http://www.hellenicshippingnews.com/lpg-as-marine-fuel-the-world-lpg-association-supports-the-shipping-industry-to-meet-emission-regulations/> Increasing concern over the impact of human activities on our environment is encouraging the maritime transport industry to move towards using alternative fuels on board ships as a prime source of energy for propulsion and electricity generation.

Quo vadis, PH maritime industry? By Brenda V.Pimentel. *Manila Times*. 3 February 2018. Available from: <http://www.manilatimes.net/quo-vadis-ph-maritime-industry/377955/> This question was asked by the Movement for Maritime Philippines (MMP) in a forum last week to express concern over the leadership vacuum at the Maritime Industry Authority (Marina) after Engr. Marcial Amaro 3rd's dismissal as its administrator.

Malta Marittima helps establish national maritime 'cluster'. *Times of Malta*. 4 February 2018. Available from: <https://www.timesofmalta.com/articles/view/20180204/business-news/Malta-Marittima-helps-establish-national-maritime-cluster.669733> Malta Marittima Agency has been established by Legal Notice 41 of 2016 and 90 of 2017 with the goal of establishing the national maritime cluster in Malta.

Is there intelligent life in shipping? By Andrew Craig-Bennett. *Splash 24/7*. 5 February 2018. Available from: <http://splash247.com/intelligent-life-shipping/> "Is there intelligent life on Earth?" read a graffito on the wall of the Old Schools Building, Downing Street, Cambridge, circa 1972.

New head of Norwegian carriers wants shipping to take more climate responsibility.

By Søren Pico. *ShippingWatch*. 5 February 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10277811.ece> Harald Solberg is back in the Norwegian Shipowners' Association after a short stint at the Norwegian royal house.

Zero-Emission Vessels 2030. How do we get there? *Lloyd's Register*. 5 February 2018.

Available from: <https://www.lr.org/en/insights/articles/zev-report-article/> LR and University Maritime Advisory Services (UMAS) released 'Zero-Emission Vessels 2030' in December 2017, a study aiming to demonstrate the viability of zero-emission vessels (ZEVs) - identifying what needs to be in place to make them a competitive solution for decarbonisation.

Clarkson's Stopford sees tech-driven, high efficiency future model for shipping.

By Vincent Wee. *Seatrade Maritime News*. 5 February 2018. Available from: [http://www.seatrade-](http://www.seatrade-maritime.com/news/asia/clarkson-s-stopford-sees-tech-driven-high-efficiency-future-model-for-shipping.html)

[maritime.com/news/asia/clarkson-s-stopford-sees-tech-driven-high-efficiency-future-model-for-shipping.html](http://www.seatrade-maritime.com/news/asia/clarkson-s-stopford-sees-tech-driven-high-efficiency-future-model-for-shipping.html) The shipping business model must change if it is to survive.

Live Animal Export: Emissions reprieve? **By Lynn Simpson.** *Splash 24/7*. 6 February 2018.

Available from: <http://splash247.com/live-animal-exports-emissions-reprieve/> Dr Lynn Simpson ponders whether environmental rulings might spell the end of much of the livestock carrier fleet.

Chamber president launches HiLo to overhaul safety at sea. **By Holly Birkett.**

UK Chamber of Shipping. 6 February 2018. Available from:

<https://www.ukchamberofshipping.com/latest/watch-chamber-president-launches-hilo-overhaul-safety-sea/> Dr Grahaeme Henderson, President of the UK Chamber, last night launched HiLo, a predictive modelling tool for accident prevention in shipping.

Norwegian flag hits ten year high. *Norwegian Maritime Authority*. 7 February 2018.

Available from: <https://www.sdir.no/en/news/news-from-the-nma/norwegian-flag-hits-ten-year-high/> At the end of January, 600 ships were registered in the Norwegian International Ship Register (NIS).

How inspiring women will create a thriving maritime industry. **By Jemima FitzMorris.**

Lloyd's List. 7 February 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1121224> Companies that embrace diversity are far more likely to innovate and grow than those that take a narrower approach to inclusion.

Small boats top emitters. **By Vishaal Kumar.** *Fiji Times*. 8 February 2018. Available from:

<http://www.fijitimes.com/story.aspx?id=433740> The total estimate of greenhouse gas (GHG) emitted from Fiji's shipping sector is about 227 kilotonne (KT).

ETI launches new project to identify market barriers for investment in fuel efficient technologies for marine vessels. **By David Butler.** *Energy Technologies Institute (ETI)*.

8 February 2018. Available from: <http://www.eti.co.uk/news/eti-launches-new-project-to-identify-market-barriers-for-investment-in-fuel-efficient-technologies-for-marine-vessels> The ETI has launched a £1.8m project that aims to assist financiers to understand and confidently quantify the benefits in investing in fuel efficient technologies for existing and future marine vessels.

Guy Platten to succeed Peter Hinchcliffe at the International Chamber of Shipping. **By Sam Chambers.**

Splash 24/7. 8 February 2018. Available from: <http://splash247.com/guy-platten-succeed-peter-hinchcliffe-international-chamber-shipping/> Guy Platten has confirmed via Twitter he has been selected to replace Peter Hinchcliffe at the International Chamber of Shipping (ICS).

Globalisation & International Maritime Transport. **By Balbhav Mishra.** *Sea News*.

9 February 2018. Available from: <http://seanews.co.uk/globalisation-international-maritime-transport/> Globalisation has evolved with a realisation that resources and goods are not always produced in a location where there is an actual need for it.

People power and new technologies debated at First InterManager Ship Managers' Forum.

Hellenic Shipping News. 9 February 2018. Available from:

<http://www.hellenicshippingnews.com/people-power-and-new-technologies-debated-at-first-intermanager-ship-managers-forum/>

Blockchain in the shipping industry, the safety culture among crew members, and the changing world of maritime payments were all debated at InterManager's First Interactive Ship Managers' Forum this week.

Ballast water treatment system testing under fire. By Wendy Laursen. *Maritime Executive*.

10 February 2018. Available from: <https://maritime-executive.com/article/ballast-water-treatment-system-testing-under-fire>

Ballast water testing industry group GlobalTestNet has issued a statement after concerns were raised as a result of the recent closure of two test facility members, the Maritime Environment Resource Center (MERC) and DHI Singapore.

The world's biggest container shipping line is now worried about Amazon and Alibaba.

By Christian Wienberg and Alaric Nightingale. *Bloomberg*. 12 February 2018. Available from:

<https://www.bloomberg.com/news/articles/2018-02-12/amazon-threat-has-maersk-racing-to-stop-clients-becoming-rivals>

The world's biggest container shipping line is trying to stop customers like Amazon.com Inc. and Alibaba Group Holding from becoming competitors in just a few years' time.

Managing data and losing skills. By Panos Patsadas. *Splash 24/7*. 13 February 2018.

Available from: <http://splash247.com/managing-data-losing-skills/> There are a few prominent figures in shipping, who see the digital transformation as the next big revolution in the industry.

WTO sees strong short-term container shipping growth. By Kari Reinikainen. *Fairplay*.

13 February 2018. Available from: <https://fairplay.ihs.com/container/article/4297621/wto-sees-strong-short-term-container-shipping-growth>

The World Trade Organisation (WTO) says container shipping is enjoying strong current growth, as container port throughput outperformed the other six sub-indices of a bullish outlook indicator.

Supertankers could change U.S. oil export game. By Patti Domm. *CNBC*. 13 February 2018.

Available from: <https://www.cnn.com/2018/02/13/saudi-owned-supertanker-taking-2-millions-barrels-of-us-oil-into-world-market.html>

The first oil supertanker, capable of carrying 2 million barrels of crude, was being loaded in Louisiana this week, signalling the next phase in the U.S. transition to becoming a major energy exporter.

21 icebreaker escort operations performed in eastern part of Gulf of Finland during 24 hours on February 12-13. *Port News*. 13 February 2018. Available from:

<http://en.portnews.ru/news/253491/> 21 vessels were escorted by icebreakers in the eastern part of the Gulf of Finland during 24 hours on February 12-13, says Ice Operations Headquarters of the Baltic Sea Ports Administration.

Investors urge shipping to improve its governance. By Niklas Krigslund. *ShippingWatch*.

14 February 2018. Available from: https://shippingwatch.com/carriers/article10307892_ece

Carriers face stricter ethical requirements than in the past.

Protectionism makes a comeback in international shipping. *Maritime Executive*.

14 February 2018. Available from: <https://www.maritime-executive.com/article/protectionism-makes-a-comeback-in-international-shipping>

In the last six months, two nations passed laws that will reserve certain export cargoes for their own shipping industries.

ICS responds to Indonesia cabotage decree. By Vincent Wee. *Seatrade Maritime News*.

15 February 2018. Available from: <http://www.seatrade-maritime.com/news/asia/ics-responds-to-indonesia-cabotage-decree.html>

ICS has put in a robust response to an Indonesian ruling essentially putting in place a cabotage policy on certain specific dry bulk and vegetable oil cargoes.

Russian ports impose stricter ice class restrictions on tankers. By Victoria Klesty.

S&P Global Platts. 14 February 2018. Available from: <https://www.platts.com/latest-news/shipping/london/russian-ports-impose-stricter-ice-class-restrictions-26891854> Three key Russian ports in the Gulf of Finland are set to expand ice class restrictions later in February as ice keeps building in the region, according to a Russian shipping agent Wednesday.

Responsible shipping practices needed to keep invasive species out of Oman seas.

Times of Oman. 14 February 2018. Available from: <http://timesofoman.com/article/128261> If ships take it upon themselves to deal with the ballast water responsibly, then the threat of invasive species can be countered, experts said.

Paperless class approval system on trial. *The Motorship*. 15 February 2018. Available from:

<http://www.motorship.com/news101/industry-news/paperless-class-approval-system-on-trial> A three-dimensional PDF technology that could significantly reduce the amount of time spent comparing and adapting drawings during class approvals is being tested in Germany.

Maersk CEO cannot imagine self-sailing box ships in his lifetime. By Christian Wienberg.

ShippingWatch. 16 February 2018. Available from: <https://shippingwatch.com/secure/carriers/Container/article10316382.ece> Maersk Group CEO says that the workforce of Maersk has reached a minimum and there is no more room to get rid of humans on container ships.

The long-awaited acceptance of LNG is ever more in evidence. By Malcolm Latarche.

ShipInsight. 16 February 2018. Available from: <https://shipinsight.com/long-awaited-acceptance-lng-shipping-industry-ever-evidence/> As the realisation that the 2020 global cap on sulphur is drawing inexorably closer gradually dawns, the long-awaited acceptance of LNG by the shipping industry is ever more in evidence.

Disruption, disruption and more disruption. By Barry Parker. *Seatrade Maritime News*.

16 February 2018. Available from: <http://www.seatrade-maritime.com/news/americas/disruption-disruption-and-more-disruption.html> The "traditional" ways of doing business, and the tools for effecting transactions, commerce generally, and vessel operations, are no longer static was the message Hellenic-American/ Norwegian-American Joint Shipping Conference.


Low-carbon shipping: will 2018 be the turning point? By Dominik Englert. *World Bank*.

16 February 2018. Available from: <https://blogs.worldbank.org/transport/low-carbon-shipping-will-2018-be-turning-point> As highlighted in a previous blog post, international maritime transport has not kept pace with other transport modes in the fight against climate change.

Slow steaming to reduce CO2 emissions, key for 2018. By Priyanka Ann Saini. *Sea News*.

16 February 2018. Available from: <http://seanews.co.uk/slow-steaming-to-reduce-co2-emissions-key-for-2018/> With the IMO tightening up on environmental regulations in the maritime sector, many new technologies and techniques are being undertaken to reduce emissions and the environmental impact.

The Science Hour: Cleaner Fuel for Ships. *BBC World Service*. 17 February 2018. Available from:

<http://www.bbc.co.uk/programmes/w3csvt13>  Sulphur belching out of vessels' smokestacks is a serious health problem for coastal communities around the world.

NYSHEX CEO: Digitization is the new normal. *World Maritime News*. 19 February 2018.

Available from: <https://worldmaritimeneews.com/archives/244804> An unreliable and extremely volatile spot market and non-binding contracts in the container shipping industry, which has emerged from a considerably turbulent period over the past couple of years, has prompted the establishment New York Shipping Exchange (NYSHEX), an exchange portal for shippers and carriers.

Overboard: balancing supply and demand in global maritime trade. By Ross Davies.

Ship-Technology.Com. 19 February 2018. Available from: <https://www.ship-technology.com/features/overboard-balancing-supply-demand-global-maritime-trade/> In its latest review on the maritime transport sector, the United Nations Conference on Trade and Development notes that seaborne trade rallied in 2016.

ING and EIB provide EUR 300m to finance green shipping. European Investment Bank (EIB).

19 February 2018. Available from: <http://www.eib.org/infocentre/press/releases/all/2018/2018-036-ing-and-eib-provide-eur-300m-to-finance-green-shipping> The facility is available to clients with significant European interests, and can be used for projects with a green innovation element covering the construction of new vessels or retrofitting of existing vessels.

Number of bunker alerts 'increased significantly' in 2017; may surge on current trends: VPS.

By Surabhi Sahu and Wendy Wells. *S&P Global Platts*. 20 February 2018. Available from: <https://www.platts.com/latest-news/shipping/singapore/number-of-bunker-alerts-increased-significantly-26894703> Global fuel testing company Veritas Petroleum Services said the number of bunker alerts it issued in 2017 was the highest since 2014 and the number of marine fuel quality issues detected was expected to surge going forward if current trends continued.

World's biggest investor presents green requirements for shipping. By Tomas Kristiansen.

ShippingWatch. 21 February 2018. Available from: <https://shippingwatch.com/secure/carriers/article10331071.ece> Until now, compliance with human rights has been decisive for the Norwegian Government Pension Fund Global's ethical choices to buy or sell shares, environmental policies at companies will now also be made a formal part of the requirements.

First Women in Maritime Taskforce meeting held. Maritime UK. 21 February 2018.

Available from: <https://www.maritimeuk.org/media-centre/news/news-first-women-maritime-taskforce-meeting-held/> The maritime sector held the first meeting of its new Women in Maritime Taskforce today (Wednesday 21st February).

UK shipping minister calls for bold action on gender equality. By Helen Kelly. Lloyd's List.

21 February 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121497/UK-shipping-minister-calls-for-bold-action-on-gender-equality> The UK shipping minister Nusrat Ghani has called for bold action on gender equality in the maritime industries.

Environment over economy key to China's containerised trade outlook. By Sam Williams.

Splash 24/7. 22 February 2018. Available from: <http://splash247.com/environment-economy-key-chinas-containerised-trade-outlook/> China is the most important market for the global container industry.

US shale oil and shipping: Expect the unexpected? Clarksons Shipping Intelligence Network.

23 February 2018. Available from: <https://sin.clarksons.net/features/details/50261> Sometimes in shipping, as in life, things come along that nobody really expects.

Finland brought experts of arctic shipping together in Helsinki as part of its Chairmanship programme for the Arctic Council. Finnish Transport Safety Agency (TRAFI). 26 February 2018.

Available from: https://www.trafi.fi/en/about_trafi/news/6012/finland_brought_experts_of_arctic_shipping_together_in_helsinki_as_part_of_its_chairmanship_programme_for_the_arctic_council The objective of the Polar Code adopted by the International Maritime Organisation (IMO), which entered into force at the beginning of 2017, is to improve the safety of ships operating in the Polar waters and to reduce their harmful impacts on the environment.

Speed limits: why won't the shipping industry commit? By Elly Earls. *Ship-Technology.Com*. 26 February 2018. Available from: <http://www.ship-technology.com/features/speed-limits-wont-shipping-industry-commit/> New research has shown that reducing operational speed of ships has a direct impact on greenhouse gas (GHG) emissions.

Emission from commercial ships - how feasible is the transition from heavy fuel to low sulphur fuel. By Baibhav Mishra. *Sea News*. 26 February 2018. Available from: <http://seanews.co.uk/emission-from-commercial-ships-how-feasible-is-the-transition-from-heavy-fuel-to-low-sulphur-fuel/> Atmospheric pollution by commercial ships is a topic of global concern, which has prompted international organisations governing maritime laws to draft legislations for cutting emissions.

Test facility researchers condemn ballast treatment pessimism. *Maritime Executive*. 26 February 2018. Available from: <https://www.maritime-executive.com/editorials/test-facility-researchers-condemn-ballast-treatment-pessimism> We, the staff of the Golden Bear Research Center, wish to provide some perspective as a ballast water management system type-approval testing facility to an article that appeared in The Maritime Executive titled Ballast Water Treatment System Testing Under Fire on February 10.

In Depth: MPA Singapore riding the digitalization wave. *World Maritime News*. 26 February 2018. Available from: <https://worldmaritimenews.com/archives/245831> Digital transformation of the maritime industry means that companies will now be able to leverage digital solutions such as data analytics, Internet-of-Things (IoT) and smart systems, which are expected to boost productivity and cut costs.

Baltic states lead by example on sulphur emission strategies. By John Pagni. *Fairplay*. 27 February 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4297916/baltic-states-lead-by-example-on-sulphur-emission-strategies> As the debate over how to meet the International Maritime Organization's (IMO's) 2020 0.5% sulphur limit rages on, the Baltic states are proving how such a challenge can be overcome now that they've met their own ultra-low target.

Bank names saints and sinners in shipping. By Niklas Krigslund. *ShippingWatch*. 28 February 2018. Available from: <https://shippingwatch.com/secure/carriers/article10332657.ece> As the pressure grows on shipping companies to improve their ethics, an American bank has caused a stir by ranking owners according to their corporate governance.

RESEARCH

Maritime NOx emissions over Chinese seas derived from satellite observations.

By J. Ding, R. J. van der A et al. *Geophysical Research Letters*. (2018). Available from: <http://dx.doi.org/10.1002/2017GL076788> By applying an inversion algorithm to NOx satellite observations from OMI (Ozone Monitoring Instrument), monthly NOx emissions for a 10-year period (2007 to 2016) over Chinese seas are presented for the first time.566

Frequency of Microplastics in Mesopelagic Fishes from the Northwest Atlantic.

By A. M. Wieczorek, L. Morrison et al. *Frontiers in Marine Science*. (2018). Available from: <https://www.frontiersin.org/article/10.3389/fmars.2018.00039> Microplastics are a ubiquitous pollutant in our seas today and are known to have detrimental effects on a variety of organisms.

Committed sea-level rise under the Paris Agreement and the legacy of delayed mitigation action.

By M. Mengel, A. Nauels et al. *Nature Communications*. (2018). Available from: <https://doi.org/10.1038/s41467-018-02985-8> Sea-level rise is a major consequence of climate change that will continue long after emissions of greenhouse gases have stopped.

Biodegradation of marine oil spills in the Arctic with a Greenland perspective.

By L. Vergeynst, S. Wegeberg et al. *Science of The Total Environment*. (2018). Available from: <https://www.sciencedirect.com/science/article/pii/S0048969718302110> New economic developments in the Arctic, such as shipping and oil exploitation, bring along unprecedented risks of marine oil spills.

Turning the tide on trash: Empowering European educators and school students to tackle marine litter.

By B. L. Hartley, S. Pahl et al. *Marine Policy*. (2018). Available from: <https://www.sciencedirect.com/science/article/pii/S0308597X17305122> Marine litter is a global environmental problem, and working with educators and school students has much potential to facilitate greater public understanding of the solutions and to enable action.

Tracking the global footprint of fisheries.

By D. A. Kroodsma, J. Mayorga et al. *Science*. (2018). Available from: <http://science.sciencemag.org/content/359/6378/904.abstract> As the human population has grown in recent decades, our dependence on ocean-supplied protein has rapidly increased.

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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.