



INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE (MKC)

“Sharing Maritime Knowledge”

CURRENT AWARENESS BULLETIN

SEPTEMBER 2018

www.imo.org

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

maritimeknowledgecentre@imo.org



About the MKC Current Awareness Bulletin (CAB)

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

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

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

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

Table of Contents

IMO NEWS & EVENTS	2
UNITED NATIONS	3
CASUALTIES.....	4
ENVIRONMENT	6
ENVIRONMENTAL POLLUTION	10
IMO	11
LAW & POLICY.....	14
MARINE TECHNOLOGY.....	18
MARITIME EDUCATION & TRAINING	20
MARITIME SAFETY	21
MARITIME SECURITY	23
MIGRANTS	25
NAVIGATION & COMMUNICATIONS.....	26
PIRACY.....	29
PORT STATE CONTROL.....	29
PORTS & HARBOURS.....	29
REGULATIONS	32
SALVAGE	36
SEAFARERS	36
SEARCH & RESCUE	38
SHIP RECYCLING	39
SHIPBUILDING & SHIPREPAIR	40
SHIPPING	40
RESEARCH.....	48

IMO NEWS & EVENTS

WHAT'S NEW

World Maritime Day 2018 - "IMO 70: Our Heritage – Better Shipping for a Better Future"

The International Maritime Organization (IMO) has been celebrating its major anniversaries during 2018, with a focus on the achievements of the past decades as well as the challenges of the future, as the Organization seeks to promote safe, secure, environmentally sound, efficient and sustainable shipping.

The Convention establishing IMO was adopted on 6 March 1948 and it entered into force 10 years later, on 17 March 1958, when the 21st State ratified the treaty. IMO's first meeting was held in London on 6 January 1959, at Church House in central London, United Kingdom.

[See More](#)

IMO MEETINGS FOR 2018

LATEST PRESS BRIEFINGS

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Georgia International Maritime Forum ([Opening](#) and [Closing](#) Address),
13 September 2018, Georgia

Sub-Committee on Carriage of Cargoes and Containers (CCC), 5th session
10-14 September 2018 ([Opening](#) Address)

[Ceremony of IMO's 70th Anniversary](#) 8 September 2018, Islamic Republic of Iran

IMO NEWS MAGAZINE ([Autumn 2018](#))

IMO PUBLISHING [Just Published 2018](#) [Aug/Sep 2018 Newsletter](#)

UNITED NATIONS

Mediterranean crossings deadlier than ever, new UNHCR report shows.

United Nations High Commissioner for Refugees. 3 September 2018. Available from:

<http://www.unhcr.org/uk/news/press/2018/9/5b8935964/mediterranean-crossings-deadlier-new-unhcr-report-shows.html> Three years on from the shocking images of lifeless Syrian toddler Alan Kurdi on a Turkish beach, a new report by UNHCR, the UN Refugee Agency shows that crossing the Mediterranean Sea has become even more deadly. [Desperate Journeys : Refugees and migrants arriving in Europe and at Europe's borders: January - August 2018](#)

Bangkok Climate Change Conference opens. *United Nations Framework Convention on Climate Change (UNFCCC).* 4 September 2018. Available from:

<https://unfccc.int/news/bangkok-climate-change-conference-opens> The resumed sessions of the UNFCCC's subsidiary bodies and the Ad Hoc Working Group on the Paris Agreement opened in Bangkok today amid strong calls for progress.

'Great Pacific Garbage Patch' clean-up project launches trial run: UN Environment. *UN News.*

10 September 2018. Available from: <https://news.un.org/en/story/2018/09/1018862> This huge mass of marine debris, situated in the North Pacific Ocean, halfway between the Californian coast and Hawaii, is estimated by Mr. Slat's Ocean Cleanup organization to measure 1.6 million square kilometres - 3 times the size of France - and contain 1.8 trillion pieces of plastic.

'Direct existential threat' of climate change nears point of no return, warns UN chief. *UN News.*

10 September 2018. Available from: <https://news.un.org/en/story/2018/09/1018852> The pledge made by world leaders in the Paris Agreement three years ago to stop temperature rising by less than 2-degree-Celsius and working to keep the increase as close as possible to 1.5-degree-Celsius, "were really the bare minimum to avoid the worst impacts of climate change," said Secretary-General Guterres, in a landmark speech on climate action, at UN Headquarters in New York.

More than 65 million 'low-carbon jobs' can be created by 2030: UN-backed Climate Summit urges action 'to the next level'. *UN News.* 16 September 2018. Available from:

<https://news.un.org/en/story/2018/09/1019472> New UN-backed commitments to take action against the damaging effects of climate change, could result in \$26 trillion in economic benefits worldwide, and help create 65 million new "low-carbon jobs" by 2030 – the deadline for the realization of the Sustainable Development Goals (SDGs).

Now is a 'pivotal time for climate action' says UN chief, looking to ozone layer gains.

UN News. 16 September 2018. Available from: <https://news.un.org/en/story/2018/09/1019342> With record-breaking heat once again enveloping the earth this year, United Nations Secretary-General António Guterres said it was also "a pivotal time for climate action", marking the International Day for the Preservation of the Ozone Layer, on Sunday.

UN chief seeking 'renewed commitment' to global rules and values, as world leaders head to New York. *UN News.* 20 September 2018. Available from:

<https://news.un.org/en/story/2018/09/1019962> In a press conference for journalists based at UN Headquarters in New York, the Secretary-General said that with 84 Heads of State and 44 Heads of Government taking part next week, it showed the UN was still "the world's indispensable forum for international cooperation".

6 things to know about the General Assembly as UN heads into high level week. *UN News.*

20 September 2018. Available from: <https://news.un.org/en/story/2018/09/1019842> The busy agenda covers the full spectrum of international issues, including sustainable development, climate change, peace and security, human rights, public health concerns and gender equality.

Financing the 2030 Agenda: What is it and why is it important? *UN News*. 23 September 2018. Available from: <https://news.un.org/en/story/2018/09/1020152> How high on the Secretary-General's to-do list is the 2030 Agenda for Sustainable Development?

Climate change and multilateralism figure high on first day of UN General Assembly debate. *UN News*. 25 September 2018. Available from: <https://news.un.org/en/story/2018/09/1020662> "Peru is one of the most vulnerable countries," Peruvian President Martin Vizcarra Cornejo said.

Intergovernmental Conference on an Marine Biodiversity of Areas Beyond National Jurisdiction [BBNJ] : 4-7,10-14,and 17 September 2018. *United Nations*. September 2018. Available from: <https://www.un.org/bbnj/> In its resolution 72/249 of 24 December 2017, the General Assembly decided to convene an Intergovernmental Conference, under the auspices of the United Nations, to consider the recommendations of the Preparatory Committee established by resolution 69/292 of 19 June 2015 on the elements and to elaborate the text of an international legally binding instrument under the United Nations Convention on the Law of Sea on the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction, with a view to developing the instrument as soon as possible.

From COP21 towards the United Nations Decade of Ocean Science for Sustainable Development (2021-2030). *UNESCO*. September 2018. Available from: <https://en.unesco.org/events/cop21-towards-united-nations-decade-ocean-science-sustainable-development-2021-2030> Since COP21, new elements of knowledge came to light, thus enhancing our understanding of the interactions between ocean, climate and biodiversity.

CASUALTIES

Two killed by toxic fumes on Norwegian tanker. By Gary Dixon. *TradeWinds*. 3 September 2018. Available from: <http://www.tradewindsnews.com/casualties/1569730/two-killed-by-toxic-fumes-on-norwegian-tanker> Two seafarers have died after a poisoning incident on a Sea Tank Chartering tanker in Norway.

Polaris denies opposition against the planned search for Stellar Daisy. By Inderpreet Walia. *Lloyd's List*. 3 September 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124084/Polaris-denies-opposition-against-the-planned-search-for-Stellar-Daisy> Polaris Shipping, the South Korean owner of the *Stellar Daisy*, said that it is not against the planned state-funded search for the sunken dry bulk carrier and its voyage recording data.

On the "M/V Cheshire Casualty Investigation Report". *International Association of Dry Cargo Shipowners (INTERCARGO)*. 3 September 2018. Available from: https://www.intercargo.org/wp-content/uploads/2018/09/INTERCARGO-MEDIA-RELEASE_03_09_2018-Final.1.pdf In August 2017, the 2012 built supramax bulk carrier *M/V CHESHIRE*, en route from Norway to Thailand, fully loaded with cargo declared by the shipper as being "Ammonium Nitrate Based Fertilizer (Non-hazardous)" and not liable to self-sustaining decomposition, suffered cargo decomposition that led to rising temperatures in the cargo holds and the generation of toxic gases.


MARINA probes Cebu ferry fire. *Philippine News Agency (PNA)*. 3 September 2018. Available from: <http://www.pna.gov.ph/articles/1046742> The Maritime Industry Authority (MARINA) is conducting an investigation on passenger ferry *MV Lite Ferry 28* that caught fire on Sunday (September 2, 2018) in Cebu.

Cargo ship runs aground in Antique. By Annabel Consuelo Petinglay. *Philippine News Agency*. 3 September 2018. Available from: <http://www.pna.gov.ph/articles/1046772> Cargo ship *MV Star Liberty* ran aground some 300 meters away from the shoreline of Barangay 4, San Jose de Buenavista, Antique, Monday, slightly hurting 12 of its 22 crew members.

Near grounding of *Aquadiva*, Newcastle Harbour, NSW, on 12 February 2017.

Australian Transport Safety Bureau (ATSB). 4 September 2018. Available from:

https://www.atsb.gov.au/publications/investigation_reports/2017/mair/330-mo-2017-002/

On 12 February 2017, the fully-laden bulk carrier, *Aquadiva*, was departing Newcastle Harbour under the conduct of a harbour pilot. [Report](#) 

No leakage from grounded *MV Star Liberty* in Antique. By Annabel Consuelo Petinglay.


Philippine News Agency (PNA). 4 September 2018. Available from:

<http://www.pna.gov.ph/articles/1046903>

The Philippine Coast Guard (PCG) in Antique said the *MV Star Liberty* has no leakage after it ran aground some 300 meters away from the shoreline of Barangay 4, San Jose de Buenavista on Monday.

VIDEO: Storm smashes tanker into airport bridge. By Gary Dixon. *TradeWinds*.

4 September 2018. Available from: <http://www.tradewindsnews.com/casualties/1571956/video-storm-smashes-tanker-into-airport-bridge>

 A Hinode Shipping tanker has been smashed into a bridge by the force of Typhoon Jebi in Japan.


Families of *Stellar Daisy* crew want involvement in underwater search. By Martina Li. *Fairplay*.

5 September 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4306066/families-of-stellar-daisy-crew-want-involvement-in-underwater-search>

Families of the 22 crew members who are believed to have died in the *Stellar Daisy* sinking in 2017 want to have the right to appoint a salvage company to search for the wreckage.

VIDEO: Cargoship grounds on Greek beach. By Gary Dixon. *TradeWinds*. 5 September 2018.

Available from: <http://www.tradewindsnews.com/casualties/1573470/video-cargoship-grounds-on-greek-beach>

 A Turkish general cargoship has run aground on a Greek beach while heading to Istanbul.

South Korea delays release of *Stellar Daisy* report. By Nidaa Bakhsh. *Lloyd's List*.

5 September 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1124126/South-Korea-delays-release-of-Stellar-Daisy-report>

South Korea is delaying publication of the *Stellar Daisy* accident investigation report carried out by the Marshall Islands registry, citing the need for more time to study its findings.

Ship strikes dredge pipeline at Sabine Pass. *Maritime Executive*. 7 September 2018.

Available from: <https://www.maritime-executive.com/article/ship-strikes-dredge-pipeline-at-sabine-pass>

The U.S. Army Corps of Engineers is searching for 1,000 feet of two-foot-diameter dredge pipeline after it was struck by a vessel and sent to the bottom near Sabine Pass, Texas.



***Manolis L* cleanup a success, say federal officials. *Canadian Broadcasting Corporation (CBC)*.**

11 September 2018. Available from: <https://www.cbc.ca/news/canada/newfoundland-labrador/no-more-problems-with-manolis-1.4819626>

The *Manolis L* saga is coming to an end after 33 years as crews have begun offloading oil from the sunken ship in St. John's on Tuesday.

Marine Accident Investigation Report 16/2018: Unintentional release of carbon dioxide from fixed fire-extinguishing systems on ro-ro vessels *Eddystone* and *Red Eagle*. *UK Marine Accident Investigation Branch (MAIB)*. 12 September 2018. Available from:

<https://www.gov.uk/maib-reports/unintentional-release-of-carbon-monoxide-from-fixed-fire-extinguishing-systems-on-ro-ro-vessels-eddystone-and-red-eagle>

On 8 June 2016, the roll on, roll off (ro-ro) vessel *Eddystone* experienced an unintentional release of carbon dioxide (CO₂) from its fixed fire-extinguishing system while in the Red Sea. [Report](#)  [Annexes](#) 

Arklow vessel towed to safety after engine failure. *World Maritime News*. 12 September 2018.

Available from: <https://worldmaritimeneews.com/archives/260561>

Units from the Swedish Coast Guard were sent to the scene to assist the vessel, which ran into trouble shortly after departing Gothenburg for Seville, Spain.

New ruling splits responsibility for MSC ship explosion. By Daniel Frank Christensen.

ShippingWatch. 13 September 2018. Available from:

<https://shippingwatch.com/secure/carriers/Container/article10867813.ece> A district court in New York has reached a verdict on a legal dispute in the case regarding container ship *MSC Flaminia*, which caught fire back in 2012 after an explosion occurred in the cargo hold.

The investigation of the sinking of US cargo vessel *El Faro*. US National Transportation Safety Board (NTSB).

18 September 2018. Available from:

<https://www.youtube.com/watch?v=66bvlqfHwYU> This 15 minute video summarizes the NTSB investigation of the October 1, 2015, sinking of *El Faro* and the loss of all 33 mariners aboard.

Ferry burns and sinks off Sulawesi. *Maritime Executive*.

18 September 2018. Available from: <https://maritime-executive.com/article/ferry-burns-and-sinks-off-sulawesi> On Friday afternoon, the wooden ferry *Fungka Permata V* burned and sank off Banggai Laut, a group of islands off Sulawesi, Indonesia.

More than 100 dead in Tanzania ferry sinking. *Reuters*.

21 September 2018. Available from: <https://reut.rs/2DTF8ro> Dozens of people have died after a ferry sank in Lake Victoria, Tanzania.

I took her hand and then we jumped. *BBC World Service*.

25 September 2018. Available from: <https://www.bbc.co.uk/radio/play/w3cswkys> Rolf Sorman was one of the survivors of the *Estonia* ferry disaster 24 years ago.

Collaboration on casualty reports is key to avoiding future accidents, says IMO.

By Nidaa Bakhsh. *Lloyd's List*. 25 September 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1124349> Conducting "proper investigations" into maritime casualties is crucial to prevent similar accidents in the future, according to the International Maritime Organization's secretary-general Kitack Lim.

ENVIRONMENT

Senior government officials and experts to discuss Blue Economy, inclusive industrialization and economic development in Southern Africa. *United Nations Economic Commission for Africa (UNECA)*.

29 August 2018. Available from: <https://www.uneca.org/stories/senior-government-officials-and-experts-discuss-blue-economy-inclusive-industrialization-and> The ECA office for Southern Africa will organize the Twenty-Fourth Session of the Intergovernmental Committee of Experts (ICE) of Southern Africa on the theme "Blue Economy, Inclusive Industrialization and Economic Development in Southern Africa" from the 18th - 21st September 2018.

Government to harness the huge potential of ocean resources. *Kenya Broadcasting Corporation*

31 August 2018. Available from: <http://www.kbc.co.ke/government-to-harness-the-huge-potential-of-ocean-resources/> Environment Cabinet Secretary (CS) Keriako Tobiko says the government will continue to promote the 'Blue Economy' for sustainable management of oceans and marine resources.

Shipping and climate change: International law and policy considerations. By Aldo Chircop, Meinhard Doelle, and Ryan Gauvin. *Centre for International Governance Innovation (CIGI)*.

6 September 2018. Available from: <https://www.cigionline.org/publications/shipping-and-climate-change-international-law-and-policy-considerations> This report investigates the international law and policy challenges to the determination of the international shipping industry's contribution to climate change mitigation efforts through the IMO a specialized agency of the United Nations and the competent international organization with respect to shipping in international law.

'Everyone was frustrated': US-China stand-off holds up climate talks.

By Megan Darby. *Climate Home News*. 9 September 2018. Available from:

<http://www.climatechangenews.com/2018/09/09/everyone-frustrated-us-china-stand-off-holds-climate-talks/>

The US blocked a Chinese bid to insert two-tier standards for rich and poor countries, leading to deadlock on guidelines for the national climate plans that underpin the global pact.

More needs to be done to protect biodiversity. *United Nations Environment Programme (UNEP)*.

12 September 2018. Available from: <https://www.unenvironment.org/news-and-stories/story/more-needs-be-done-protect-biodiversity>

In November of this year, governments from around the world will meet in Sharm el-Sheikh, Egypt, for the UN Biodiversity Conference.

Towards a sustainable blue economy. By Carla Hogan Rufelds. *Guardian (Trinidad & Tobago)*.

12 September 2018. Available from: <http://www.guardian.co.tt/opinion/towards-a-sustainable-blue-economy-6.2.665103.97ef13a323>

The brilliant blue of the Caribbean Sea shimmers as it surrounds T&T and the over 7,000 islands of the Caribbean region.

After Bangkok climate talks, a 'mountain to climb', rights groups say. By Rina Chandran.

Reuters. 12 September 2018. Available from: <https://reut.rs/2yeV2qo>

U.N. climate talks in Bangkok made little headway on the thorny issue of how funding for poor nations to tackle global warming will be stepped up, an obstacle that could stymie progress at a summit in December, rights and aid groups said.

The 'Blue Economy' and its vast potential. By Harish Mehta. *Business Times (Singapore)*.

12 September 2018. Available from: <https://www.businesstimes.com.sg/opinion/the-blue-economy-and-its-vast-potential>

Many investors are fascinated by the allure of the Blue Economy which aims to harness - potentially - trillions of dollars of the assets of the oceans, while its spin-off idea of Blue Bonds is making a splashy start.

DNV GL group chief issues call to arms to tackle global warming. By Julian Bray. *TradeWinds*.

13 September 2018. Available from: <http://www.tradewindsnews.com/tankers/1578838/dnv-gl-group-chief-issues-call-to-arms-to-tackle-global-warming>

Holding back climate change will demand more action than is currently being undertaken, with shipping likely to face tougher demands to cut greenhouse gas emissions in coming years, a leading industry voice has warned.

Halving greenhouse gas emissions by 2030: Roadmap shows what's needed in each sector.

Global Climate Action Summit. 13 September 2018. Available from:

<https://www.globalclimateactions summit.org/halving-greenhouse-gas-emissions-by-2030-roadmap-shows-whats-needed-in-each-sector/>

The Exponential Climate Action Roadmap charts essential steps to 2030 to catalyse action at the speed and scale now required to combat climate change.

[Exponential Climate Action Roadmap](#) 

With or without Trans Mountain, orcas in oil tankers' path face perils from pollution, noise and starvation. Here's how. By Justine Hunter. *Globe and Mail (Canada)*. 13 September 2018.

Available from: <https://www.theglobeandmail.com/canada/british-columbia/article-with-or-without-trans-mountain-orcas-in-oil-tankers-path-face-perils/>

In the waters between British Columbia and Washington State, a desperate rescue operation is under way.

Hurricane Florence: The science behind the storm. By Josie Garthwaite. *Stanford University*

14 September 2018. Available from: <https://earth.stanford.edu/news/hurricane-florence-science-behind-storm>

Atmospheric scientist Morgan O'Neill discusses what's driving Florence, why it's unusual, and how it could be connected to climate change and other storms brewing in the Atlantic.

'Oceanic Awakening' Aims For Smarter, Cleaner Marine Shipping. By Jeff Kart. *Forbes*.

17 September 2018. Available from: <https://www.forbes.com/sites/jeffkart/2018/09/17/ocean-awakening-aims-for-smarter-cleaner-marine-shipping/>

A global corporation called Wäertsilä is pushing "An Oceanic Awakening," due in part to all the stuff people order online.

Marshall Islands flag to offer 30% discount for Green Award-certified ships. By Vincent Wee.

Seatrade Maritime News. 17 September 2018. Available from: <http://www.seatrade-maritime.com/news/europe/marshall-islands-flag-to-offer-30-discount-for-green-award-certified-ships.html> Leading ship registry the Republic of the Marshall Islands (RMI) Registry is doing its part to encourage green shipping with the signing of an agreement with voluntary international certification scheme Green Award where the flag will give a 30% discount on the annual marine services fee for Green Award-certified ships.

More ships and more clouds mean cooling in the Arctic. By Elaina Hancock. *Phys.Org*.

17 September 2018. Available from: <https://phys.org/news/2018-09-ships-clouds-cooling-arctic.html> With sea ice in the Arctic melting at an alarming rate, opportunities for trans-Arctic shipping are opening up, and by mid-century ships will be able to sail right over the North Pole - something not previously possible for humankind.

ING Bank prepares environmental requirements for shipping. By Niklas Krigslund.

ShippingWatch. 17 September 2018. Available from: <https://shippingwatch.com/secure/carriers/article10874952.ece> Dutch ING Bank wants to ensure that sectors such as shipping, energy and construction pollute less.

Greenland government agrees to back Arctic HFO ban: Clean Arctic Alliance response.

Clean Arctic Alliance. 18 September 2018. Available from: <https://www.hfofreearctic.org/en/2018/09/18/greenland-government-agrees-to-back-arctic-hfo-ban-clean-arctic-alliance-response/> Reacting to Greenland's Naalakkersuisut (government) public announcement that it supports an International Maritime Organization ban on the use and carriage of heavy fuel oil by Arctic shipping, Kåre Press-Kristensen, Senior Advisor to the Danish Ecological Council, a member of the Clean Arctic Alliance said: "We applaud Greenland's government for speaking up for the much needed protection of the Arctic's nature and communities, by supporting the banning of the world's most polluting fuel – heavy fuel oil."

\$11.5 million grant to help safeguard New Zealand's blue economy - MetService New Zealand.

World Meteorological Organization (WMO). 18 September 2018. Available from: <https://public.wmo.int/en/media/news-from-members/115-million-grant-help-safeguard-new-zealand%E2%80%99s-blue-economy-metservice-new> A new research project spearheaded by MetService's oceanography division, MetOcean Solutions will shed new light on the performance of New Zealand's oceans to support the seafood sector.

Glacial engineering could limit sea-level rise, if we get our emissions under control.

Science Daily. 20 September 2018. Available from: <https://www.sciencedaily.com/releases/2018/09/180920102138.htm> Targeted engineering projects to hold off glacier melting could slow down ice-sheet collapse and limit sea-level rise, according to a new study.

Why it pays to slash underwater noise and vibration. By Rebecca Moore. *Passenger Ship*

Technology. 20 September 2018. Available from: https://www.passengership.info/news/view.why-it-pays-to-slash-underwater-noise-and-vibration_54297.htm Interest in reducing underwater noise has cranked up - but in order to capture more interest from shipowners, initiatives have recently been launched, including one from Bureau Veritas (BV).

Coca-Cola, Walmart sign pledge to cut plastic pollution in oceans. *EurActiv*.

21 September 2018. Available from: <https://www.euractiv.com/section/energy-environment/news/coca-cola-walmart-sign-pledge-to-cut-plastic-pollution-in-oceans/> Britain, Canada, France, Germany and Italy, along with the European Union, signed the Ocean Plastics Charter at a leaders' summit in Canada's Charlevoix region in June.

Tackling climate change to be key talking point at UN summit. By Frank Jordans.

Associated Press. 23 September 2018. Available from:

<https://apnews.com/417baf65b42540789611a56cdcff6358/Tackling-climate-change-to-be-key-talking-point-at-UN-summit> With global temperatures rising, superstorms taking their deadly toll and a year-end deadline to firm up the Paris climate deal, leaders at this year's U.N. General Assembly are feeling a sense of urgency to keep up the momentum on combating climate change.

RELEASE: Heads of Government unite for the ocean and people who depend on it.

World Resources Institute. 24 September 2018. Available from:

<https://www.wri.org/news/2018/09/release-heads-government-unite-ocean-and-people-who-depend-it> A group of world leaders came together in New York City today to form a panel that will assess the value of Ocean goods and services in economic planning and support the sustainable use of Ocean resources.

Spotlight on sea-level rise. European Space Agency (ESA). 25 September 2018. Available from:

http://m.esa.int/Our_Activities/Observing_the_Earth/Spotlight_on_sea-level_rise

Scientists are gathering in the Azores this week to share findings on how satellite has revealed changes in the height of the sea, ice, inland bodies of water and more.

World Bank announces new global fund for healthy oceans. World Bank. 26 September 2018.

Available from: <http://www.worldbank.org/en/news/press-release/2018/09/26/world-bank-announces-new-global-fund-for-healthy-oceans> The World Bank Group announced on Wednesday the creation of PROBLUE, a new multi-donor trust fund that will support healthy and productive oceans by tackling marine pollution, managing fisheries and fostering the sustainable growth of coastal economies.

Seychelles hosts Blue Economy Event in the sidelines of UNGA 2018. Government of

Seychelles. 26 September 2018. Available from:

http://www.statehouse.gov.sc/news.php?news_id=4132 The African Caribbean and Pacific (ACP) group of nations and the Republic of Seychelles conjointly organised an event in the sidelines of the of the United Nations General Assembly (UNGA) yesterday, to enable Small Island Developing States (SIDS) to share their experiences in harnessing the potential of the Blue Economy and further explore areas for greater development.

Protecting African marine environment. This Day (Nigeria). 28 September 2018. Available from:

<https://www.thisdaylive.com/index.php/2018/09/28/protecting-african-marine-environment/>

Following global economic turmoil and the increase call for governments across Africa to diversify their economies, there has been a steady rise across Africa in the attention given to the responsible use of the oceans to contribute to economic development.

Poland pushing forest agenda as climate host, leak shows. By Natalie Sauer. Climate Home

News. 28 September 2018. Available from: <http://www.climatechangenews.com/2018/09/28/poland-pushing-forest-agenda-climate-host-leak-shows/> In a draft statement intended to be adopted by all governments at this year's major climate conference, host country Poland emphasised the "essential role of carbon sinks in mitigating climate change" and called on states to ensure "that global forest carbon stocks are maintained and further enhanced by 2050".

Bangkok Climate Change Conference - September 2018. United Nations Framework Convention

on Climate Change (UNFCCC). September 2018. Available from: <https://unfccc.int/process-and-meetings/conferences/bangkok-climate-change-conference-september-2018> The resumed forty-eighth sessions of the Subsidiary Body for Scientific and Technological Advice (SBSTA 48-2) and Subsidiary Body for Implementation (SBI 48-2) as well as the sixth part of the first session of the Ad Hoc Working Group on the Paris Agreement (APA 1-6) will take place from 4 to 9 September 2018, at the United Nations Conference Centre (UNCC), Bangkok, Thailand.

ENVIRONMENTAL POLLUTION

Cargo pollution: Setting sail for greener seas. By Molly Hall, Juliette Lacharnay, Valérie Dekimpe, Sonia Baritello, and Salomé Saqué. *France 24*. 31 August 2018. Available from: <https://www.france24.com/en/20180831-down-earth-shipping-industry-cargo-ships-pollution-clean-fuel-natural-gas-scrubbers> 📰 Cargo shipping drives global trade - but at a steep environmental cost, generating three percent of global CO2 emissions.

10 countries unite to fight against marine pollution menace. By Kazungu Samuel. *Business Daily (Kenya)*. 4 September 2018. Available from: <https://www.businessdailyafrica.com/corporate/shipping/10-countries-unite-to-fight-against-marine-pollution-menace/4003122-4743768-jk2wd1z/index.html> Ten countries have resolved to end coastal, marine environmental pollution and degradation in the Western Indian Ocean region.

More plastic than fish in the oceans by 2050? *Hapag-Lloyd*. 5 September 2018. Available from: <https://www.hapag-lloyd.com/en/news-insights/insights/2018/09/gleaming--red--yellow--green--the-colorful-swarm-dances-graceful.html> The trash-covered coasts off Bali show just how disastrous the plastic problem has already become.

Ship exhaust generates flurry of complaints. By Kevin Gullufsen. *Juneau Empire (US)*. 6 September 2018. Available from: <https://www.juneauempire.com/news/ship-exhaust-generates-flurry-of-complaints/> 📰 As exhaust emissions poured from the *Norwegian Pearl's* exhaust stack on Tuesday, so too did complaints to the Department of Environmental Conservation.


Frigate crew hones onboard oil-spill response skills in Arctic waters. By Beth Brown. *Nunatsiaq News Online (Canada)*. 6 September 2018. Available from: <http://nunatsiaq.com/stories/article/65674naval-crew-hones-onboard-oil-spill-response-skills-in-arctic-waters/> When a crew member signals an alarm after spotting oil spilled aboard *HMCS Charlottetown*, marine engineer Ronald Low is one of the first people to respond.

Study shows toxic effects of oil dispersant on oysters following deepwater horizon spill. *Science Daily*. 13 September 2018. Available from: <https://www.sciencedaily.com/releases/2018/09/180913160039.htm> Oysters likely suffered toxic effects from the oil dispersant Corexit® 9500 when it was used to clean up the 2010 *Deepwater Horizon* oil spill, said Morris Animal Foundation-funded researchers at the University of Connecticut.

DNV GL starts phase II of project to examine the impact of phase-contamination on oil flow meters. By Neil James Slater. *DNV GL*. 17 September 2018. Available from: <https://www.dnvgl.com/news/dnv-gl-starts-phase-ii-of-project-to-examine-the-impact-of-phase-contamination-on-oil-flow-meters-130110> Accurate measurement of the production of oil fields is an important means of reducing the financial risks that Exploration & Production (E&P) companies face in allocation processes.

Why the answers to decommissioning lie across an ocean. By Mark Venables. *Forbes*. 17 September 2018. Available from: <https://www.forbes.com/sites/markvenables/2018/09/17/why-the-answers-to-decommissioning-lie-across-an-ocean> For UK North Sea operators, with more than 600 fixed installations on the decommissioning cards in the next few decades, this is a very valid question.

'Ghost gear' blamed for deaths of nearly 140,000 marine animals: advocacy group. By Ben Cousins. *CTV News (Canada)*. 19 September 2018. Available from: <https://www.ctvnews.ca/canada/ghost-gear-blamed-for-deaths-of-nearly-140-000-marine-animals-advocacy-group-1.4101301> 📰 A Canadian animal welfare group has made their way to the G7 meetings in Halifax to shed some light on a little-known issue impacting oceans worldwide: ghost gear.

What a waste: An updated look into the future of solid waste management. *World Bank*. 20 September 2018. Available from: <http://www.worldbank.org/en/news/immersive-story/2018/09/20/what-a-waste-an-updated-look-into-the-future-of-solid-waste-management>  Solid waste management is a universal issue that matters to every single person in the world.

'I wouldn't go to Santorini - it's a threat to your health': Greek island under fire over cruise ship emissions. **By Gavin Haines.** *The Telegraph*. 21 September 2018. Available from: <https://www.telegraph.co.uk/travel/news/santorini-shipping-emissions-danger-to-public-health/> Emissions from cruise ships and other vessels on the Greek island of Santorini pose a significant danger to public health, a critical new report has claimed.

IMO

Transformation in shipping sparked by IMO's vision of fossil-free future. **By Geoff Garfield.** *TradeWinds*. 30 August 2018. Available from: <http://www.tradewindsnews.com/casualties/1553755/transformation-in-shipping-sparked-by-imos-vision-of-fossil-free-future> Shipping has been addicted to fossil fuels since the 19th century but the industry must now wean itself off these sources of energy as the reality of the Paris Agreement on climate change starts to bite.

Zero-carbon fuels only path to meet IMO ambitions - ICS' Bennett. **By Geoff Garfield.** *TradeWinds*. 30 August 2018. Available from: <http://www.tradewindsnews.com/casualties/1553615/zero-carbon-fuels-only-path-to-meet-imo-ambitions-ics-bennett> The development of zero-carbon fuels is realistically the only way the "incredibly ambitious" long-term emissions strategy of the IMO can be achieved, says International Chamber of Shipping deputy secretary general Simon Bennett.

The end of the world as we know it. **By Unni Einemo.** *International Bunker Industry Association* 31 August 2018. Available from: <http://ibia.net/the-end-of-the-world-as-we-know-it/> The world of bunkers is heading for rapid and fundamental changes and not just because of the 0.50% sulphur cap in 2020.

IMO to address key environmental issues at gmec 2018. **By Marcus Hand.** *Seatrade Maritime News*. 3 September 2018. Available from: <http://www.seatrade-maritime.com/news/europe/imo-to-address-key-environmental-issues-at-gmec-2018.html> At time when environmental regulations are to the fore in shipping with ballast water management the sulphur cap and greenhouse gas (GHG) emissions the IMO's Tian-Bing Huang, deputy director for Protective Measures, Marine Environment Division, IMO will be presenting the keynote speech at the opening of Global Maritime Environmental Congress (gmec) at SMM.

Kitack Lim reiterates there will be no sulphur cap delay. **By Sam Chambers.** *Splash 247.com*. 5 September 2018. Available from: <https://splash247.com/kitack-lim-reiterates-there-will-be-no-sulphur-cap-delay/> As with much of the 93,000 sq m of exhibition space at SMM, the opening press conference of the giant German shipping show yesterday focused on the upcoming 0.5% sulphur cap.

IMO drawing up guidelines on implementation of 2020 global sulphur cap. **By Bob Jaques.** *Seatrade Maritime News*. 5 September 2018. Available from: <http://www.seatrade-maritime.com/news/europe/imo-drawing-up-guidelines-on-implementation-of-2020-global-sulphur-cap.html> Delivering the keynote address to an audience of around 100 delegates, the deputy director of the IMO Marine Environment Division, Tianbing Huang, spoke of the environmental challenges facing the industry.

How the IMO got the sulphur cap so wrong. By Jeffrey McGee. *Splash 247.com.*

7 September 2018. Available from: <https://splash247.com/how-the-imo-got-the-sulphur-cap-so-wrong/> Amidst the wave of content on the IMO's 2020 implementation for 0.5% sulphur bunkers, most shipping commentators are either missing or deliberately evading one point - the IMO screwed up massively.

Myanmar hosts World Maritime Day. By Shoon Le Win. *Eleven Myanmar.* 11 September 2018.

Available from: <http://www.elevenmyanmar.com/local/15007> World Maritime Day 2018 was celebrated at Rose Garden in Yangon on September 10.

Maritime NZ marks World Maritime Day with a focus on the Pacific. *Maritime New Zealand.*

19 September 2018. Available from: <https://www.maritimenz.govt.nz/public/news/media-releases-2018/20180919a.asp> Maritime NZ Director Keith Manch said the International Maritime Organization's (IMO) 2018 World Maritime Day will be recognised at a lunch for organisations involved in maritime safety.

IMO to start consideration of legal framework for low-flashpoint diesel. By Unni Einemo.

International Bunker Industry Association (IBIA). 17 September 2018. Available from: <http://ibia.net/imo-to-start-consideration-of-legal-framework-for-low-flashpoint-diesel/> IBIA welcomes signs that work may soon get underway on developing a new chapter specifically for oil-based fuels with a flashpoint below 60°C within the context of the IGF Code, which would simplify the process for ships to demonstrate that they are designed to use such fuels safely.

World Maritime Day: despite its faults, 70 years of IMO is worth celebrating. By Craig Jallal.

Marine Propulsion & Auxiliary Machinery. 25 September 2018. Available from: https://www.mpropulsion.com/news/view_world-maritime-day-despite-its-faults-70-years-of-imo-is-worth-celebrating_54341.htm This week IMO celebrates 70 years since the organisation was founded and 60 years since the convention came into force.

It's Maritime Week! The Gleaner (Jamaica). 25 September 2018. Available from: <http://jamaica-gleaner.com/article/shipping/20180925/its-maritime-week>

Each year the international maritime community celebrates World Maritime Day, on the last Thursday in September.

No delays to implementing shipping fuel sulfur cap in 2020: IMO. By Roslan Khasawneh and Jonathan Saul.

Reuters. 25 September 2018. Available from: <https://uk.reuters.com/article/us-asia-oil-appec-imo/no-delays-to-implementing-shipping-fuel-sulfur-cap-in-2020-imo-idUKKCN1M521U> The IMO will not delay implementing a reduction in the amount of sulfur in marine fuel in 2020, officials with the UN's shipping agency said.

Guest blog: The impact of the IMO GHG Strategy on shipping . By Tore Longva. *UK Chamber of Shipping.* 24 September 2018. Available from:

<https://www.ukchamberofshipping.com/latest/guest-blog-impact-imo-ghg-strategy-shipping/> The key environmental challenge for shipping will be in the short term to comply with the global 0.5% sulphur limit in 2020, and in the longer term to achieve the ambitions of the recently adopted IMO Greenhouse Gas (GHG) strategy.

IMO mindful of burden on owners amid decarbonisation drive . By Max Tingyao Lin.

TradeWinds. 26 September 2018. Available from: <http://www.tradewindsnews.com/casualties/1592500/imo-mindful-of-burden-on-owners-amid-decarbonisation-drive> The IMO has vowed to push ahead with its decarbonisation efforts but promised to consider mitigation measures to ease the financial burden on the shipping industry.

Turning 70, IMO pushes industry for GHG progress, says 'no delay' for sulphur cap.

By Jamey Bergman. *Marine Propulsion & Auxiliary Machinery.* 26 September 2018.

Available from: https://www.mpropulsion.com/news/view/turning-70-imo-pushes-industry-for-ghg-progress-says-no-delay-for-sulphur-cap_54356.htm A day after UN secretary-general Antonio Guterres admonished world leaders for not doing enough to stop the "direct existential threat" of climate change, IMO secretary-general Kitack Lim told a shipping industry gathering at the UK Chamber of Shipping headquarters in London that the shipping world had reached a critical moment in setting its climate change policy for the future.

Dirty fuel won't be tolerated, International Shipping Watchdog says. By Sherry Su and

Ann Koh. *Bloomberg.* 26 September 2018. Available from:

<https://www.bloomberg.com/news/articles/2018-09-26/no-delay-no-cheating-the-imo-gets-tough-over-2020-fuel-rules> The person charged with overseeing controversial new rules on shipping fuel says he's growing increasingly confident the regulations will be implemented on time, and that the vast majority of vessel owners will comply.

Shipping Australia recognises World Maritime Day. By David Sexton. *DCN - Daily Cargo News.*

27 September 2018. Available from: <http://www.thedcn.com.au/shipping-australia-recognises-world-maritime-day/> The occasion of World Maritime Day is a time to reflect upon the importance of shipping, industry group Shipping Australia says.

Maritime organization celebrates 70 years of its establishment. *Fiji Broadcasting Corporation*

27 September 2018. Available from: <http://www.fbc.com.fj/fiji/69053/maritime-organization-celebrates-70-years-of-its-establishment-> MSAF acting Chief Executive, Captain Philip Hill says the theme is integral to SDG14 with the objective to enhance safe, secure and efficient shipping on clean ocean and the protection of maritime and coastal ecosystems.

Owners demand 2050 GHG strategy clarity. By Anastassios Adamopoulos. *Lloyd's List.*

27 September 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1124396/Owners-demand-2050-GHG-strategy-clarity> Leading containership and ferry owners are seeking clarity over some of the parameters of the shipping industry's recently adopted greenhouse gas reduction strategy, a few weeks before negotiators begin hammering out the details of implementation.

IMO's Lim calls for collaboration on decarbonisation. By Anastassios Adamopoulos.

Lloyd's List. 26 September 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1124377> Industry and governments must collaborate to empower the shipping sector's decarbonisation efforts, International Maritime Organization's secretary-general Kitack Lim said.

Regulation is flexible to change, says IMO. By Anastassios Adamopoulos. *Lloyd's List.*

26 September 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124361> The sulphur cap regulations due to come into force in 2020 could undergo adjustments and changes, according to a senior International Maritime Organization official.

Maritime industry's role in world economy highlighted. *The Nation (Pakistan).*

28 September 2018. Available from: <https://nation.com.pk/28-Sep-2018/maritime-industry-s-role-in-world-economy-highlighted> The World Maritime Day is celebrated every year to highlight the contribution of international maritime industry to the world economy and focus on the importance of shipping safety, maritime security and marine environment.

IMO secretary-general urges shipowners to drive beyond green directives. By Paul Stuart-Smith. *Fairplay.* 27 September 2018. Available from:

<https://fairplay.ihs.com/environment/article/4306906/imo-secretary-general-urges-shipowners-to-drive-beyond-green-directives> Kitack Lim, secretary-general of the IMO, has told senior members of the maritime industry that shipping is entering a new era on greenhouse gas emissions and that all shipowners have a clear obligation to play their part.

Canaveral Port Authority marks World Maritime Day. *Port Canaveral*. 27 September 2018. Available from: <https://www.portcanaveral.com/About/Recent-News/Canaveral-Port-Authority-Marks-World-Maritime-Day> The Canaveral Port Authority joins in a global observance of World Maritime Day on Thursday, Sept. 27, to focus on the importance of shipping safety, maritime security and the marine environment.

Government of Canada marks World Maritime Day 2018. *Government of Canada*. 27 September 2018. Available from: <https://bit.ly/2N92zwa> The maritime sector plays a crucial role in the daily lives of Canadians.


LAW & POLICY

UN begins talks on treaty to protect imperilled high seas. *France 24*. 2 September 2018. Available from: <https://www.france24.com/en/20180902-un-begins-talks-treaty-protect-imperilled-high-seas> United Nations member states on Tuesday kick off long-awaited talks on a 2020 treaty that would regulate the high seas, which cover half the planet yet lack adequate environmental protection.

Parliament gives nod to new Maritime Authority Law. *Island Sun (Solomon Islands)*. 3 September 2018. Available from: <http://theislandsun.com.sb/parliament-gives-nod-to-new-maritime-authority-law/> A legislation aimed to establish the Solomon Islands Maritime Authority (SIMA) Act and other related purposes, in the country has been passed by both the houses of Parliament.

Governments 'not on track' to meet greenhouse gas targets, says top UN official ahead of major climate talks. *Carbon Brief*. 3 September 2018. Available from: <https://www.carbonbrief.org/daily-brief/governments-not-on-track-to-meet-greenhouse-gas-targets-says-top-un-official-ahead-of-major-climate-talks> The UN's climate change chief Patricia Espinosa has warned that governments are not doing enough to meet their climate change targets.

UN treaty would protect high seas from over exploitation. **By Matt McGrath.** *BBC News*. 4 September 2018. Available from: <https://www.bbc.com/news/science-environment-45397674> These waters, defined as the open ocean far from coastlines, are threatened by deep-sea mining, over-fishing and the patenting of marine genetic resources.

Manning agents & UK Fisheries Supply Chain Investigative Report & Case Study of Non-EEA crew from the Philippines: Challenging abuse at sea. *Human Rights at Sea (HRAS)*. 4 September 2018. Available from: <https://bit.ly/2P9v52B> Human Rights at Sea has published a new case study exploring the issue of Philippine manning agencies supplying Non-EEA crew to the UK Fisheries industry and the issues this raises in terms of transparency of practice, due diligence to assure welfare safeguards for crew, and the necessary safeguards required to ensure decent work conditions. [Case Study & Report](#) 

New rules for high seas must include needs of poorest nations. **By Essam Yassin Mohammed** *Inter Press Service (IPS)*. 4 September 2018. Available from: <http://www.ipsnews.net/2018/09/new-rules-high-seas-must-include-needs-poorest-nations/> Over-fishing, warming oceans and plastic pollution dominate the headlines when it comes to the state of the seas.

Securing Pacific maritime borders seen as urgent. *Radio New Zealand*. 4 September 2018. Available from: <https://www.radionz.co.nz/international/pacific-news/365661/securing-pacific-maritime-borders-seen-as-urgent> Maritime boundaries between Tonga, Samoa and Niue are among Pacific nations' borders ready to be signed off.

China outlines four principles for talks towards treaty on marine biodiversity protection.

Xinhuanet (China). 5 September 2018. Available from: http://www.xinhuanet.com/english/2018-09/05/c_137446710.htm China on Tuesday outlined principles to aid in the creation of the world's first-ever legally-binding treaty addressing biodiversity in the high seas, defined as open ocean far from a coastline.

Start of major UN negotiation on future ocean governance. *International Chamber of Shipping*.

5 September 2018. Available from: <http://www.ics-shipping.org/news/press-releases/2018/09/05/start-of-major-un-negotiation-on-future-ocean-governance> At the United Nations in New York, the International Chamber of Shipping (ICS) is representing shipowners at the start of a major negotiation to agree a new legal instrument for the protection of the ocean under the UN Convention on the Law of the Sea (UNCLOS) - which will apply to 'high seas' areas 'beyond national jurisdiction'.

Bangkok Bulletin: UN calls for more time. By Megan Darby, Karl Mathiesen, and

Natalie Sauer. *Climate Home News*. 6 September 2018. Available from: <http://www.climatechangenews.com/2018/09/06/bangkok-bulletin-un-calls-time/> The UN climate chief Patricia Espinosa wrote to governments on Thursday to let them know that the Katowice COP24 would start a day earlier than scheduled - on 2 December.

With a landmark Caspian agreement in place, key legal issues remain for neighbouring littoral states. By Marika Karayianni. *New Europe*. 6 September 2018. Available from:

<https://www.neweurope.eu/article/with-a-landmark-caspian-agreement-in-place-key-legal-issues-remain-for-neighbouring-littoral-states/> After 26 years of negotiations and countless high-level summits, a Convention on the Caspian Sea was finally signed in the Kazakh city of Aktau on August 12 in a move that was immediately hailed by the leaders of Russia, Azerbaijan, Kazakhstan, Turkmenistan, and Iran as a watershed moment in the history of the region and one that was described as "a new legal foundation" that will serve the Caspian for years to come.

Liberia and China renew maritime transport agreement. *Daily Observer (Liberia)*.

7 September 2018. Available from: <https://www.liberianobserver.com/news/liberia-and-china-renew-maritime-transport-agreement/> The Governments of Liberia (GoL) and the People's Republic of China (PRC) have renewed an Agreement on Maritime Transport, a dispatch from the Liberian Embassy near Beijing has said.

Gibraltar's decision to strip flag from *Aquarius* rescue ship undermines ancient seafaring principle of solidarity. By Katy Budge. *The Conversation*. 7 September 2018. Available from:

<https://theconversation.com/gibraltars-decision-to-strip-flag-from-aquarius-rescue-ship-undermines-ancient-seafaring-principle-of-solidarity-101928> Gibraltar's decision in late August to terminate permission for the *Aquarius* to operate as a rescue vessel in the Mediterranean is just the latest example of governments politicising and undermining search and rescue at sea.

Norway kick-starts collaboration on zero-carbon trade. *fathom.world*. 11 September 2018.

Available from: <https://fathom.world/press-release-norway-kick-starts-collaboration-on-zero-carbon-trade/> Norway convened a high-level panel Tuesday to boost collaboration on creating zero-carbon trade and transport sectors, as part of the Global Climate Action Summit in San Francisco.

The UN is aiming to protect the last remaining ocean wilderness. By Josh Davis.

Natural History Museum (UK). 11 September 2018. Available from: <http://www.nhm.ac.uk/discover/news/2018/september/the-un-is-aiming-to-protect-the-last-remaining-ocean-wilderness.html> Humans have been reliant on the marine environment for much of our history.

State of the Union 2018: A fully equipped European Border and Coast Guard - Questions and Answers.

European Commission. 12 September 2018. Available from: [http://europa.eu/rapid/press-release MEMO-18-5715_en.htm](http://europa.eu/rapid/press-release_MEMO-18-5715_en.htm) At the June 2018 European Council meeting, EU leaders confirmed the need for a more effective control of the EU's external borders and agreed that the role of the European Border and Coast Guard "should be further strengthened through increased resources and an enhanced mandate".

Viewpoint: Regulated to death. By Michael Grey. *Lloyd's List.* 13 September 2018.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124145/Viewpoint-Regulated-to-death> There is something almost romantic about the term "high seas".


KPA Hosts Africa's Maiden International Maritime Conference In Mombasa.

By Hussein Abdullahi. *Kenya News Agency (KNA).* 14 September 2018. Available from: <http://www.kenyanews.go.ke/kpa-hosts-africas-maiden-international-maritime-conference-in-mombasa/> More than 400 world maritime economists and blue economy experts from 40 different countries are gathered in Mombasa under the banner of the International Association of Maritime Economists (IAME).

Observing the Demolition of Unregistered Fishing Vessels. *Government of Thailand.*

15 September 2018. Available from: http://thailand.prd.go.th/ewt_news.php?nid=7168&filename=index A group of ambassadors and members of the diplomatic corps from the European Union Delegation, European Union member states, United States, and ASEAN Member States have observed the demolition of nine unregistered fishing vessels in the Tha Chin River in Samut Sakhon province.

HRAS launches the first of three educational videos on the UN Guiding Principles on Business and Human Rights in the Maritime Environment. *Human Rights at Sea (HRAS).*

17 September 2018. Available from: <https://bit.ly/2ydlVLo> Today, Human Rights at Sea launches the first in its series of freely available educational films and accompanying infographics on the United Nations (UN) Guiding Principles on Business and their application in the Maritime Environment. [Infographic](#) 

Government of Canada awards contract to assess the cumulative effects of marine shipping on coastal marine ecosystems through the Oceans Protection Plan. *Government of Canada.*

17 September 2018. Available from: <https://bit.ly/2IGFBMA> Canada is fortunate to have some of the most spectacular coastlines in the world, serving as a home to rich biodiversity and precious ecosystems.

African countries fighting back against illegal fishing. By Nicki Holmyard. *SeafoodSource.*

18 September 2018. Available from: <https://www.seafoodsource.com/news/environment-sustainability/african-countries-fighting-back-against-illegal-fishing> One in four fish in Africa is still caught illegally, despite the efforts of many African nations to overcome the problem.

The United States and Panama signed agreement to strengthen maritime transport.

United States Embassy in Panama. 18 September 2018. Available from: <https://pa.usembassy.gov/the-united-states-and-panama-signed-agreement-to-strengthen-maritime-transport/> The Administrator of the United States Maritime Administration, Mark H. Buzby, and the administrator of the Panama Maritime Authority, Jorge Barakat, signed in Washington D.C. a Memorandum of Cooperation (MOC) on maritime transport, an area vital to both economies.

Southern Africa Inter-Governmental Committee of Experts meeting discusses opportunities of blue economy. *Government of Mauritius*. 19 September 2018. Available from:

<http://www.govmu.org/English/News/Pages/Southern-Africa-Inter-Governmental-Committee-of-Experts-meeting-discusses-opportunities-of-blue-economy.aspx> The 24th Session of the Inter-Governmental Committee of Experts (ICE) of Southern Africa Meeting at Senior Officials level focusing on the theme Blue Economy, Inclusive Industrialisation and Economic Development in Southern Africa opened yesterday at Le Méridien Hotel in Pointe aux Piments.

U.N. Report details how North Korea evades sanctions. **By Colum Lynch.** *Foreign Policy*.

20 September 2018. Available from: <https://foreignpolicy.com/2018/09/20/un-report-details-how-north-korea-evades-sanctions/> A report written by a United Nations panel of experts has determined that North Korea is evading international sanctions with "seeming impunity," but a bitter behind-the-scenes battle between Russia and the United States has prevented the report from being made public.

Environment, Oceans and Energy Ministers ready to take action on our oceans and seas; conclude G7 joint meeting on Healthy Oceans, Seas and Resilient Coastal Communities.

Government of Canada. 20 September 2018. Available from: <https://bit.ly/2MQvZPz> Canada and its G7 partners recognize the need for urgent action to address the devastating impacts that plastic pollution and marine litter, overexploitation of fish stocks, and extreme weather events have on the health and sustainability of our oceans, seas, coastal communities and entire ecosystems.

Maersk ship arrested in Tunisia by displeased Honam customers. **By Niklas Krigslund.**

ShippingWatch. 21 September 2018. Available from: <https://shippingwatch.com/secure/carriers/Container/article10885523.ece> A Maersk ship has been arrested in Tunisia by a group of shippers who claim to have lost money in the fire on *Maersk Honam*.

Marshall Islands commit to going carbon-neutral by 2050. **By Natalie Sauer.** *Climate Home News*. 24 September 2018. Available from:

<http://www.climatechangenews.com/2018/09/24/marshall-islands-commit-going-carbon-neutral-2050/> First plan of its kind from an island nation says adopting new shipping technologies 'could have ripple effects across the international sector'.

Gove calls for 30 per cent of world's oceans to be protected by 2030. *UK Government*.

24 September 2018. Available from: <https://www.gov.uk/government/news/gove-calls-for-30-per-cent-of-worlds-oceans-to-be-protected-by-2030> Environment Secretary Michael Gove has today called for a third of the world's oceans to be protected by 2030.

Aquarius migrant rescue ship heads for Marseille despite revoked registration. *France 24*.


24 September 2018. Available from: <https://bit.ly/2OzAKSv> "It's the only option we have," the director of SOS Méditerranée, Frédéric Penard, told reporters.

Yasa ship caught in Chinese battle over legal jurisdiction . **By Bob Rust.** *TradeWinds*.

27 September 2018. Available from: <http://www.tradewindsnews.com/legal/1590613/yasa-ship-caught-in-chinese-battle-over-legal-jurisdiction> A kamsarmax arrested last year in Qingdao has become the subject of a jurisdictional battle between Chinese maritime courts and international arbitration panels.

UK to ease Pacific maritime challenges. **By British High Commission.** *Fiji Sun Online*.

28 September 2018. Available from: <http://fijisun.com.fj/2018/09/28/uk-to-ease-pacific-maritime-challenges/> The Pacific is extremely vulnerable to the effects of climate change, but is also highly dependent on shipping for their everyday needs and faces particular challenges resulting from having the highest transport costs in the world, long trading routes and minute economies.

Tile Til Eo 2050 Climate Strategy "Lighting the way". *Government of the Marshall Islands.* September 2018. Available from: <https://www.docdroid.net/W2hK5Qj/180924-rmi-2050-climate-strategy-final.pdf>  As seafaring people we know that a long journey requires careful navigation.

MARINE TECHNOLOGY

Iridium and Rolls-Royce Marine to expand the reach and capabilities of autonomous vessels. *Iridium Communications Plc.* 30 August 2018. Available from: <http://investor.iridium.com/2018-08-30-Iridium-and-Rolls-Royce-Marine-to-Expand-the-Reach-and-Capabilities-of-Autonomous-Vessels> Iridium Communications Inc. (NASDAQ: IRDM) announced today the signing of a Letter of Intent with smart shipping pioneer Rolls-Royce Marine (RRM), in support of their autonomous vessel development program.

Guidelines for autonomous cargo ships 2018. *China Classification Society (CCS).* 31 August 2018. Available from: <http://www.ccs.org.cn/ccswzen/font/fontAction%21article.do?articleId=4028e3d66545996401658f2451b1009a> China Classification Society has carried out technical research on autonomous cargo ships and developed the Guidelines for Autonomous Cargo Ships, 2018, for the purpose of providing technical basis for the design and construction of autonomous cargo ships.

MAN Energy Solutions Unveils ME-LGIP Dual-Fuel LPG Engine. *MAN Energy Solutions.* 3 September 2018. Available from: <https://corporate.man-es.com/press-media/news-overview/details/2018/09/03/man-energy-solutions-unveils-me-lqip-dual-fuel-lpg-engine> MAN Energy Solutions has revealed its latest two-stroke engine type, a dual-fuel MAN B&W ME-LGIP engine designed for LPG running, at a ceremony in Copenhagen today attended by its Chief Sales Officer, Wayne Jones, along with a large crowd of customers and business partners.

How data and analysis help shipowners understand ballast-water best practices. **By John Gallagher.** *Fairplay.* 3 September 2018. Available from: <https://fairplay.ihs.com/article/4306001/how-data-and-analysis-help-shipowners-understand-ballast-water-best-practices> As the one-year anniversary of the Ballast Water Management Convention enforcement date approaches, anecdotal evidence reveals that much still needs to be done before the regulation can be deemed successful at stopping the spread of invasive species around the world.

Efficiency of Wärtsilä Ballast Water Management System endorsed with USCG Type Approval. *Wärtsilä Corporation.* 3 September 2018. Available from: <https://www.wartsila.com/cyp/news/03-09-2018-efficiency-of-wartsila-ballast-water-management-system-endorsed-with-uscg-type-approval-2261886> The technology group Wärtsilä's Aquarius EC Ballast Water Management System (BWMS) has been granted Type Approval by the United States Coastguard (USCG) authorities. This approval verifies that the product has met the specified regulatory, technical, and safety requirements, and represents an endorsement of its design and efficiency principles.

MacGregor prepares for an autonomous future. *Maritime Executive.* 4 September 2018. Available from: <https://www.maritime-executive.com/editorials/macgregor-prepares-for-an-autonomous-future> At the SMM 2018 conference in Hamburg, MarEx editor-in-chief Tony Munoz spoke with Michel van Roozendaal, president of cargo and load handling firm MacGregor, about his company's latest investments in technology.

Robot boat paves way into history as it becomes the first to sail across the North Atlantic. *National Post (Canada).* 4 September 2018. Available from: <https://nationalpost.com/news/robot-boat-sails-into-history-by-finishing-atlantic-crossing> All summer, the small boat drifted steadily eastward across the churning North Atlantic until it neared the Irish coast, where it made history by becoming the first unmanned sailboat to cross the Atlantic.


Nanotechnology questions answered. By Venkatraman Sheshashayee. *Splash 247.com.* 6 September 2018. Available from: <https://splash247.com/nanotechnology-questions-answered/> A couple of weeks ago Splash published my article titled, 'Nanotechnology can cure shipping's sulphur conundrum'.

Kuehne + Nagel deploys blockchain technology for VGM Portal. *Kuehne + Nagel.* 10 September 2018. Available from: <https://newsroom.kuehne-nagel.com/kuehne--nagel-deploys-blockchain-technology-for-vgm-portal/> All information submitted via the portal is stored on-chain, which allows for using native blockchain interfaces for data exchange with third parties, removing the need for additional off-chain communication channels.

Maersk Line installs scrubbers after all. By Louise Vogdrup-Schmidt and Katrine Grønvald Raun. *ShippingWatch.* 11 September 2018. Available from: <https://shippingwatch.com/secure/carriers/Container/article10861248.ece> Once, Maersk said no to installing scrubbers across the group, but this attitude has now changed and part of Maersk Line's fleet will now be fitted with the technology after all.

Offshore wind turbines could power future ships. By Katrine Grønvald Raun. *ShippingWatch.* 11 September 2018. Available from: <https://shippingwatch.com/secure/carriers/article10861388.ece> Large offshore wind turbines may play a role in the future of the shipping industry, which will be retrofitting its vessels with climate-friendly solutions over the coming decades.

Partnership to deliver drone training to the maritime industry. *Australian Maritime College.* 12 September 2018. Available from: <http://www.amc.edu.au/about-amc/news-and-events/news-items/partnership-to-deliver-drone-training-to-the-maritime-industry> The partnership will be launched at the MIAL SEA18 conference in Canberra on Tuesday, 16 October and the first three courses offered in Sydney from November 2018.

IMarEST releases report on the human impact of autonomous ships. *Institute of Marine Engineering, Science and Technology (IMarEST).* 12 September 2018. Available from: <https://www.imarest.org/policy-news/institute-news/item/4446-imarest-releases-report-on-the-human-impact-of-autonomous-ships> Autonomous technologies could create a competitive advantage for shipping companies but adoption will vary significantly between market segments. [Autonomous Shipping Putting the Human Back in the Headlines](#) 

The future of marine autonomous systems (Robot Boats). *British Marine.* 13 September 2018. Available from: <https://www.britishmarine.co.uk/News/2018/September/The-future-of-Marine-Autonomous-Systems-Robot-Boats> The Society of Maritime Industries (SMI), a strategic partner of British Marine, is undertaking a short survey to ascertain the scope and size of the Maritime Autonomous Systems (MAS) opportunity for UK business.

Scrubbers are a good investment: DNB. *By Sam Chambers. Splash 247.com.* 14 September 2018. Available from: <https://splash247.com/scrubbers-are-a-good-investment-dnb/> Norway's DNB Markets has published an in-depth report on scrubber uptake across the shipping industry and is forecasting the technology add-on to vessels is a good investment and should pay back in less than 18 months after the global sulphur cap kicks in on January 1, 2020.

eNAV, Autonomy, Digitization as 4th Edition of Industrial Revolution. *By Vitaly Chernov. Port News.* 14 September 2018. Available from: <http://portnews.ru/comments/2558/> Unmanned, autonomous shipping, e-Navigation and digitization of logistics, are not just a harebrained scheming but features of the forthcoming fourth edition of industrial revolution.

High-tech reels in big progress for marine sector. By Chen Meiling. *China Daily.*

19 September 2018. Available from:

<http://europe.chinadaily.com.cn/a/201809/19/WS5ba1dd7ba310c4cc775e7084.html>

Shandong is using the latest technology to extract the most from its vast marine resources in order to continue to develop and promote strong growth in related industries, said Liu Jiayi, Party chief of the province at a recent government work conference.

Open-loop scrubbers face China ban. By Sam Chambers. *Splash 247.com.*

20 September 2018. Available from: <https://splash247.com/open-loop-scrubbers-face-china-ban/>

Adding another wrinkle into the 2020 sulphur cap compliance picture, China is contemplating banning open-loop scrubbers from operating in the republic's waters.

China denies plan to ban open loop scrubbers. By Richard Meade. *Lloyd's List.*

21 September 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1124324/China-denies-plan-to-ban-open-loop-scrubbers>

China's Maritime Safety Administration has denied it is planning to introduce a ban on the use of open-loop scrubbers.

Are electric vessels the future of shipping? *Safety4Sea.* 24 September 2018. Available from:

<https://safety4sea.com/are-electric-vessels-the-future-of-shipping/> Electric vessels with energy storage in batteries and optimized power control can provide significant reductions in fuel consumption, maintenance and emissions.

The challenge of autonomous ships in the future - MOL conducts onboard test of new technology with Rolls Royce - joint research of intelligence awareness system using a ferry plying the Seto Inland Sea. *Mitsui O.S.K.Lines (MOL).* 26 September 2018. Available from:

<https://www.mol.co.jp/en/pr/2018/18066.html>

Mitsui O.S.K. Lines, Ltd. (MOL; President & CEO: Junichiro Ikeda) today announced the company, along with U.K.-based Rolls-Royce Marine jointly conducted a demonstration test on a ferry equipped with the Intelligence Awareness System (IAS).

Autonomous shipping does not mean unmanned. By Elizabeth Bains.

Seatrade Maritime News. 28 September 2018. Available from: <http://www.seatrade-maritime.com/news/middle-east-africa/autonomous-shipping-does-not-mean-unmanned.html>

"Sailors fear for their jobs when they hear about what we are doing, but autonomous does not mean unmanned," said Peter Due, director autonomy, global sales and marketing at Kongsberg Maritime, addressing a seminar on the Ocean Space, organised by the Norwegian Embassy in Dubai this week.

MARITIME EDUCATION & TRAINING

MoU signed between WMU and the Chilean Maritime Authority. *World Maritime News.*

3 September 2018. Available from: <https://www.wmu.se/news/mou-signed-between-wmu-and-chilean-maritime-authority>

President of WMU, Cleopatra Doumbia-Henry, visited Chile from 28-31 August to join the celebrations marking the 170th anniversary of the Directorate General of the Maritime Territory and Merchant Marine (DIRECTEMAR), the Chilean Maritime Authority.

Inaugural women's maritime careers fair a resounding success. *RNews (South Africa).*

7 September 2018. Available from: <https://www.rnews.co.za/article/21722/inaugural-womens-maritime-careers-fair-a-resounding-success>

Women in the South African maritime sector were the focus of an inaugural career fair hosted by the South African International Maritime Institute (SAIMI), which attracted high school pupils, tertiary students, educators and women in the maritime industry on Thursday.

Maritime academy for cadets, experts. By Oluwakemi Dauda. *The Nation (Nigeria)*.

11 September 2018. Available from: <http://thenationonline.ng.net/maritime-academy-for-cadets-experts/> The Charkin Maritime Academy (CMA), Port Harcourt, Rivers State, is shopping for professionals in the maritime industry.

Sovcomflot and ABB open unique training centre at Admiral Nevelskoy Maritime State University. *Port News*. 11 September 2018. Available from: <http://en.portnews.ru/news/264258/>

On 10 September 2018, the ceremonial opening of Vessel Electric Propulsion Training Centre, at the Admiral Nevelskoy Maritime State University, was held in Vladivostok as part of the 4th Eastern Economic Forum.

London School of Shipping launched. *Maritime UK*. 12 September 2018. Available from:

<https://www.maritimeuk.org/media-centre/news/new-london-school-shipping-launched/> The London School of Shipping was launched today at the Institute of Chartered Shipbrokers (ICS) open day in London and is run by the ICS.

13 more Seychellois sea cadets graduate after training in Sri Lanka. *Seychelles Nation*.

14 September 2018. Available from: <http://www.nation.sc/article.html?id=260409> The 13 young Seychellois sea cadets who left Seychelles last July for training in Sri Lanka have received their certificates after completion of a seven-week specially designed pre-sea training programme at the Colombo International Nautical and Engineering College (CINEC).

Onassis prize winners to support students. By Julian Bray. *TradeWinds*. 25 September 2018.

Available from: <http://www.tradewindsnews.com/legal/1590778/onassis-prize-winners-to-support-students> Winners of this year's Onassis Prize for shipping have pledged to donate part of their joint \$200,000 winnings to fund student scholarships and academic research into ports and shipping.

Duterte strengthens MARINA to comply with int'l convention . *Philippine Information Agency*.

25 September 2018. Available from: <https://pia.gov.ph/news/articles/1013163> President Rodrigo Duterte has issued an executive order (EO) further strengthening the Maritime Industry Authority to ensure the country's strict and full compliance with the 1978 International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).

MARITIME SAFETY

ITTF to lobby IMO against deadly decline in ship equipment safety. By Ian Lewis. *TradeWinds*.

4 September 2018. Available from: <http://www.tradewindsnews.com/incoming/1571345/itff-to-lobby-imo-against-deadly-decline-in-ship-equipment-safety> The International Technical Tanker Forum (ITTF) has warned that seafarers are being killed due to a "dangerous" drop in the quality of machinery installed on-board ships.

Electronic tagging for greater marine equipment safety. *European Maritime Safety Agency*

(EMSA). 5 September 2018. Available from: <http://www.emsa.europa.eu/infographics/item/3334-electronic-tagging-for-greater-marine-equipment-safety.html> The article is complemented by the Implementing Regulation (EU) 2018/608 – <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32018R0608>.

USCG: Lessons learned from *El Faro* tragedy. By Rear Admiral John Nadeau. *Safety4Sea*.

10 September 2018. Available from: <https://safety4sea.com/cm-uscg-lessons-learned-from-el-faro-tragedy/> The loss of the *El Faro* and all 33 persons aboard was a tragic and preventable accident.

Integrated maritime services - operational awareness across sectors and seas.

European Maritime Safety Agency (EMSA). 10 September 2018. Available from:

<http://www.emsa.europa.eu/news-a-press-centre/external-news/item/3339-integrated-maritime-services-operational-awareness-across-sectors-and-seas.html> Getting an overview of activities at sea is a challenge for most authorities working in the maritime domain. [Brochure](#)

Now may be a good time to review your enclosed space entry procedures. *Gard.*

12 September 2018. Available from: <http://www.gard.no/web/updates/content/26213361/now-may-be-a-good-time-to-review-your-enclosed-space-entry-procedures> The Republic of the Marshall Island (RMI) published a Marine Safety Advisory (MSA 23-18) on 30 August 2018 reporting on two recent enclosed space incidents onboard RMI-flagged ships which resulted in the deaths of three seafarers and two seafarers losing consciousness.

El Faro: Congress gets its act together.* By Eric Martin and Rijuta Dey Bera. *TradeWinds.

12 September 2018. Available from: <http://www.tradewindsnews.com/TWplus/1557314/el-faro-congress-gets-its-act-together> 🇺🇸 Three years after the worst US-flag casualty of modern times, Congress is working to avoid a repeat of the tragedy.

Safety culture means safety and commerce can coexist. *UK Chamber of Shipping.*

14 September 2018. Available from: <https://www.ukchamberofshipping.com/latest/safety-culture-means-safety-and-commerce-can-coexist/> Establishing a positive safety culture within an organisation is easy in theory.

Dousing the flames: what should be done to prevent fires on container ships?

By Joe Baker. *Ship-Technology.Com.* 17 September 2018. Available from: <https://www.ship-technology.com/features/container-ship-fires/> Traditional precautions against container ship fires are failing to protect crews and cargoes.

Quicker and easier than falling asleep.... *By Richard Madden. *Maritime Executive.**

22 September 2018. Available from: <https://maritime-executive.com/blog/quicker-and-easier-than-falling-asleep> Harry Potter asks his godfather's spirit, "Does it hurt?" after he'd passed away. The answer Sirius Black gave was, "Dying? Not at all. Quicker and easier than falling asleep." That answer may be familiar to enclosed space victims.

Maersk implements new dangerous goods stowage guidelines following tragic

Maersk Honam fire. *Seatrade Maritime News.* 26 September 2018. Available from: <http://www.seatrade-maritime.com/news/europe/maersk-implements-new-dangerous-goods-stowage-guidelines-following-tragic-maersk-honam-fire.html> The Risk Based Dangerous Goods Stowage have been developed with the aim of minimising risk to crew, cargo, environment and vessel in case a fire develops.

Insurers seek to win IMO support in bid to combat boxship blazes. *By Adam Corbett.*

TradeWinds. 27 September 2018. Available from:

<http://www.tradewindsnews.com/liner/1588060/insurers-seek-to-win-imo-support-in-bid-to-combat-boxship-blazes> Insurers are finalising a package of safety proposals aimed at combating containership fires, with a view to presenting them to the IMO to be mandated.

MARITIME SECURITY

Nine-nation sea exercise to tackle regional maritime security. By Lim Min Zhang.

Straits Times. 31 August 2018. Available from: <https://www.straitstimes.com/asia/se-asia/nine-nation-sea-exercise-to-tackle-regional-maritime-security> Navies and coast guards from the United States and eight Asian countries, including Singapore, are taking part in a two-week exercise to strengthen cooperation and training in tackling maritime security challenges, such as piracy, smuggling and illegal fishing.

Russian ships and planes to hold missile-firing exercises during Mediterranean drills.

TASS Russian News Agency. 31 August 2018. Available from: <http://tass.com/defense/1019373> Russian ships and planes will hold missile-firing and gunning exercises, during the Mediterranean Sea drills in September, Commander-in-Chief of the Russian Navy Vladimir Korolev told reporters.

Maritime law enforcement and regulatory officers from 15 countries meet in Yangon, Myanmar for ReCAAP ISC Capacity Building Workshop to share best practices in combating piracy and sea robbery in Asia. *ReCAAP*. 4 September 2018. Available from:

<https://bit.ly/2oFgPmt> Twenty-six maritime law enforcement and regulatory officers from 15 countries gathered in Yangon, Myanmar today to participate in a three-day capacity building workshop organised by ReCAAP Information Sharing Centre (ISC) and hosted by its Myanmar Focal Point, the Myanmar Navy.

IORIS web-based platform fully operational: Seychelles and Madagascar to manage the network. *Seychelles Nation*. 5 September 2018. Available from:

<http://www.nation.sc/article.html?id=260285> Over 60 senior officials from Indian Ocean, Eastern African and South-East Asian countries as well as various international organisations have taken part in a two-day conference on the recently launched Indian Ocean regional information sharing and incident management network, IORIS.

Armed robberies against ships slightly increased in Asia. *Safety4Sea*. 10 September 2018.

Available from: <http://safety4sea.com/armed-robberies-against-ships-slightly-increased-in-asia/> There was no piracy incident in Asia in August 2018.

NATO ships monitoring Eastern Mediterranean Sea activity. *NATO*. 10 September 2018.

Available from: <https://mc.nato.int/media-centre/news/2018/snmg2-conducting-msa-in-eastern-mediterranean-sea.aspx> Standing NATO Maritime Group Two (SNMG2) continues to monitor the substantial Russian naval activity in the eastern Mediterranean Sea and will revise, to a limited degree, the schedule for our routine exercises in order to enhance NATO's awareness of this activity.

MS&D: New strategies to guard against future security threats. *SMM*. 12 September 2018.

Available from: <https://www.smm-hamburg.com/en/press-service/press-service/news/press-release/article/msd-neue-strategien-fuer-eine-unsichere-zukunft/> The welcome address opened the event with sombre words as Rear Admiral Thorsten Kähler, Chief of Staff of the German Naval Command based in Rostock, deplored the loss of appreciation for the United Nations and the fact that the organisation's efforts are often being undermined.

Maritime lacks cyber security readiness, says new paper. *Safety4Sea*. 13 September 2018.

Available from: <https://safety4sea.com/maritime-lacks-cyber-security-readiness-says-new-paper/> According to the author, Professor Vivian Louis Forbes, the industry is heavily reliant on electronic commerce (e-business) in many aspects of its daily business, such as recordkeeping, human resources data, the loading and discharging of cargo and the location of containers on the docks, on land transportation and on ships, which makes shipping cyber vulnerable.

Getting an exemption from maritime security notifications if there's no Brexit deal.

UK Government. 13 September 2018. Available from:

<https://www.gov.uk/government/publications/getting-an-exemption-from-maritime-security-notifications-if-theres-no-brexite-deal>

If the UK leaves the EU in March 2019 without a deal, find out how this would affect companies that are currently exempt from providing security pre-arrival information for scheduled services between the UK and EU ports. [Guidance](#)

UN meeting focuses on maritime crime in Sulu and Celebes sea. *Safety4Sea.*

14 September 2018. Available from: <https://safety4sea.com/un-meeting-focuses-on-maritime-crime-in-sulu-and-celebes-sea/> Piracy incidents in the Sulu and Celebes Sea have been a cause of major concern for seafarers and the shipping industry in general, as crews kidnappings have been regularly seen by gangs in the area.

Maritime Security Cooperation in the South China Sea: Sailing In Different Directions.

By Mark J.Valencia. *The Diplomat.* 17 September 2018. Available from:

<https://thediplomat.com/2018/09/maritime-security-cooperation-in-the-south-china-sea-sailing-in-different-directions/>

At China's eighth Xiangshan Forum in October, a major topic of discussion will be visions and the reality of multilateral maritime security cooperation.

Kingdom to host side event on maritime security at UN. *Daily Herald (St.Maarten).*

18 September 2018. Available from: <https://www.thedailyherald.sx/islands/80717-kingdom-to-host-side-event-on-maritime-security-at-un> "Strengthening International Cooperation on Maritime Security in the Caribbean region" is the topic of an event in New York on September 25 hosted by the Minister of Defence of the Dutch Kingdom in collaboration with the Prime Ministers of Aruba and St. Maarten.

Seychelles, assuming Indian Ocean Commission presidency, to focus on maritime security.

By Salifa Karapetyan. *Seychelles News Agency.* 20 September 2018. Available from:

<https://bit.ly/2QwKDOu> Maritime security, development of the Blue Economy and modernisation of the Indian Ocean Commission are areas that Seychelles will focus on as the country takes up the presidency of the regional body.

Fairplay survey reveals drop in cyber attacks as shipowners bolster defences.

By John Gallagher. *Fairplay.* 21 September 2018. Available from: <https://bit.ly/2xsSOnE>

Attention-grabbing high-profile cyber attacks in the maritime sector continue to remind shipowners and operators of the costly effects such incidents can have on service and their income statements, with companies taking more decisive actions to reduce their cyber risk.

The state of affairs: is shipping still unprepared for cyberattacks? By Eva Grey.

Ship-Technology.Com. 24 September 2018. Available from: [https://www.ship-](https://www.ship-technology.com/features/shipping-still-unprepared-cyberattacks/)

[technology.com/features/shipping-still-unprepared-cyberattacks/](https://www.ship-technology.com/features/shipping-still-unprepared-cyberattacks/) Cybersecurity in shipping is a hot topic.

Port of San Diego releases additional information on cybersecurity incident. *Port of San Diego.*

27 September 2018. Available from: <https://www.portofsandiego.org/press-releases/general-press-releases/port-san-diego-releases-additional-information-cybersecurity> At 2 p.m. on September 27, 2018, the Port of San Diego issued an update with additional information from Chief Executive Officer Randa Coniglio regarding a cybersecurity incident that was first reported on Tuesday, September 25.

Ports on alert as cyber attacks proliferate. By Sam Chambers. *Splash 247.com.*

28 September 2018. Available from: <https://splash247.com/ports-on-alert-as-cyber-attacks-proliferate/> The cyber security attack that hit the Port of San Diego on Tuesday included ransomware and demand for Bitcoin, port officials said in a statement Friday.

Meet BIMCO's new Head of Maritime Security. By Mette Kronholm Fraende. BIMCO. September 2018. Available from: <http://portfolio.cpl.co.uk/BIMCO/201809/security/> After five years working for Nordic Tankers and Maersk Line, Jakob P. Larsen has returned to BIMCO.

MIGRANTS

The public health community must speak out on rising rates of migrants dying at sea. By Rodolfo Saracci. BMJ Opinion. 31 August 2018. Available from: <https://blogs.bmj.com/bmj/2018/08/31/rodolfo-saracci-the-public-health-community-must-speak-out-on-rising-rates-of-migrants-dying-at-sea/> Migrants continue to drown in the Mediterranean sea attempting to reach Europe.

Mediterranean Migrant Arrivals Reach 68,098 in 2018; Deaths Reach 1,549. International Organization for Migration (IOM). 31 August 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-68098-2018-deaths-reach-1549> IOM, the UN Migration Agency, reports that 68,098 migrants and refugees entered Europe by sea in 2018 through 29 August, with 28,579 to Spain, the leading destination this year.

Refugees overcrowded to 'boiling point' on Greek island, warns UN agency. UN News. 31 August 2018. Available from: <https://news.un.org/en/story/2018/08/1018112> The Government of Greece has been urged by the United Nations to do more to help thousands of asylum-seekers and migrants who have been "crammed" into island reception centres, amid reports that children have tried to take their own lives there.

Mediterranean migrant arrivals reach 71,779 in 2018; Deaths reach 1,565. International Organization for Migration (IOM). 7 September 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-71779-2018-deaths-reach-1565> IOM reports that 71,779 migrants and refugees entered Europe by sea in 2018 through 5 September, with 31,040 to Spain, the leading destination this year.

EU obsessed with cutting migration 'regardless of human cost', report claims. By Alexander Morgan. Euronews. 11 September 2018. Available from: <http://www.euronews.com/2018/09/11/eu-obsessed-with-cutting-migration-regardless-of-human-cost-report-claims> Europe has failed to find a 'sustainable response' to this summer's migration crisis, instead attempting to reduce the number of arrivals "regardless of the moral, legal and humanitarian consequences", researchers claim.

Mediterranean migrant arrivals reach 73,696; Deaths reach 1,565. International Organization for Migration (IOM). 11 September 2018. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-73696-deaths-reach-1565> IOM reports that 73,696 migrants and refugees entered Europe by sea in 2018 through 9 September, with 32,022 to Spain, the leading destination this year.

Mediterranean migrant arrivals reach 74,501; Deaths reach 1,586. International Organization for Migration (IOM). 14 September 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-74501-deaths-reach-1586> IOM, the UN Migration Agency, reports that 74,501 migrants and refugees entered Europe by sea in 2018 through 12 September, with 32,272 to Spain, the leading destination this year.

Austria, Italy propose processing refugees on ships. Deutsche Welle (Germany). 14 September 2018. Available from: <https://www.dw.com/en/austria-italy-propose-processing-refugees-on-ships/a-45496615> Italy and Austria have put forth a plan to process refugees on ships, with Austria's interior minister saying asylum-seekers would be "well looked after."

Mediterranean Migrant Arrivals Reach 77,555; Deaths Reach 1,723. *International Organization for Migration (IOM)*. 18 September 2018. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-77555-deaths-reach-1723> IOM, the UN Migration Agency, reports that 77,555 migrants and refugees entered Europe by sea in 2018 through 17 September, with 33,611 to Spain, the leading destination this year.

Spain saves some 440 migrants; new crackdown on rescue boat. *By Frances D'emilio.*

Associated Press. 23 September 2018. Available from:

<https://apnews.com/87133f3554744bf98d81ce50afc69ace> Spain's maritime rescue service said Sunday it rescued more than 400 people from 15 small boats, most of them off the country's southern coast, while humanitarian groups lamented that the sole private rescue boat operating near the deadly central Mediterranean human trafficking route risked being put out of action by Italy's anti-migrant leaders.

Mediterranean migrant arrivals reach 80,602 in 2018; Deaths reach 1,730. *International Organization for Migration (IOM)*. 25 September 2018. Available from:

<https://www.iom.int/news/mediterranean-migrant-arrivals-reach-80602-2018-deaths-reach-1730> IOM, the UN Migration Agency, reports that 80,602 migrants and refugees entered Europe by sea in 2018 through 23 September, with 35,653 to Spain, the leading destination this year.

Migrant killed during Moroccan navy interdiction. *Maritime Executive*. 26 September 2018.

Available from: <https://www.maritime-executive.com/article/migrant-killed-during-moroccan-navy-interdiction> A Moroccan NGO, the Northern Observatory for Human Rights, reports that Moroccan naval forces killed one person and wounded three when they opened fire on a speedboat carrying

Morocco probes use of speedboats for migrant smuggling. *Middle East Online*.

27 September 2018. Available from: <https://middle-east-online.com/en/morocco-probes-use-speedboats-migrant-smuggling> Moroccan authorities are probing the phenomenon of people smugglers using high power speedboats, as favoured by drug traffickers, to transport migrants across the Mediterranean to Europe, a top official said Wednesday.

NAVIGATION & COMMUNICATIONS

PLA survey partnership's a first for UK Hydrographic Office. *Port of London Authority (PLA)*.

31 August 2018. Available from: <http://www.pla.co.uk/PORT-OF-LONDON-AUTHORITY-SURVEY-PARTNERSHIP-A-FIRST-FOR-THE-UKHO> A new data sharing partnership between the Port of London Authority (PLA) team that surveys the bed of the Thames and the UK Hydrographic Office (UKHO) is a UK first, which is set to improve the safety of ships visiting the UK's second biggest port.

Inmarsat unveils major new IoT service for the shipping industry. *Inmarsat*. 4 September 2018.

Available from: <https://www.inmarsat.com/press-release/inmarsat-unveils-major-new-iot-service-for-the-shipping-industry/> Inmarsat today unveils Fleet Data, a new Internet of Things (IoT) service, which will enable ship owners and managers to access and analyse real-time onboard data more efficiently, and as a result will help accelerate the adoption of IoT across the maritime industry.

Arctic Route: an historic milestone for SOGET and S)ONE. *Hellenic Shipping News*.

6 September 2018. Available from: <https://www.hellenicshippingnews.com/arctic-route-an-historic-milestone-for-soget-and-sonone/> On September 6th, at the Radicatel Terminal which is located between Le Havre and Rouen, the specialised vessel *COSCO MV TIAN EN* completed the first maritime voyage between China and France via the new Arctic route.

Cosco's Northern Sea Route triumph overshadowed by collision in the Arctic.

By Jason Jiang. *Splash 247.com*. 6 September 2018. Available from:

<https://splash247.com/coscos-northern-sea-route-triumph-overshadowed-by-collision-in-the-arctic/>

Cosco's heavylift vessel *Tian En* called at the French port of Rouen yesterday evening to much fanfare having sailed through the Arctic for the first time.

China launches new marine satellite. *China Daily*. 7 September 2018. Available from:

<http://www.chinadaily.com.cn/a/201809/07/WS5b91f8bca31033b4f4654d44.html>

China sent a new marine satellite into orbit Friday to help improve understanding of maritime waters and climate change.

MDA to deliver mission-critical SAR information for maritime surveillance. *MDA Corporation*.

10 September 2018. Available from: [https://mdacorporation.com/corporate/news-](https://mdacorporation.com/corporate/news-archive?article=pr2018091001)

[archive?article=pr2018091001](https://mdacorporation.com/corporate/news-archive?article=pr2018091001) MDA, a Maxar Technologies company (formerly MacDonald, Dettwiler and Associates Ltd.) today announced that it has signed a multi-million dollar contract with the South African National Space Agency (SANSA) for a one-year maritime surveillance program that includes the delivery of synthetic aperture radar (SAR) data products from the RADARSAT-2 satellite, using MDA's global network of ground receiving stations.

Stretched thin on thin ice. **By Robbie Gramer.** *Foreign Policy*. 12 September 2018.

Available from: [https://foreignpolicy.com/2018/09/12/stretched-thin-on-thin-ice-arctic-circle-climate-](https://foreignpolicy.com/2018/09/12/stretched-thin-on-thin-ice-arctic-circle-climate-change-norway-coast-guard/)

[change-norway-coast-guard/](https://foreignpolicy.com/2018/09/12/stretched-thin-on-thin-ice-arctic-circle-climate-change-norway-coast-guard/) Kyrre Einarsen peered over the ship's bridge into the gray waters of an Arctic fjord.

Novatek teams up with Chinese partner for Arctic shipping. **By Thomas Nilsen.** *Independent*

Barents Observer (Norway). 12 September 2018. Available from:

<https://thebarentsobserver.com/en/2018/09/novatek-teams-chinese-partner-arctic-shipping>

Russia's Arctic producer of liquid natural gas (LNG), Novatek, will conclude an agreement with the world's fourth largest shipping company, COSCO, when now establishing a dedicated shipping company for LNG carriers to sail the Northern Sea Route.

New Arctic marine atlas surveys a spectacular region at risk. *WWF Canada*.

17 September 2018. Available from: [http://www.wwf.ca/newsroom/?28621/New-Arctic-marine-atlas-](http://www.wwf.ca/newsroom/?28621/New-Arctic-marine-atlas-surveys-a-spectacular-region-at-risk)

[surveys-a-spectacular-region-at-risk](http://www.wwf.ca/newsroom/?28621/New-Arctic-marine-atlas-surveys-a-spectacular-region-at-risk) Oceans North, Ducks Unlimited Canada and World Wildlife Fund-Canada are thrilled to release Canada's Arctic Marine Atlas, a 122-page publication that relies on the latest data to describe an extraordinary ecosystem undergoing dramatic shifts due to climate change.

India, France plan satellites for maritime surveillance: French space agency chief.

Economic Times (India). 17 September 2018. Available from:

[https://economictimes.indiatimes.com/news/defence/india-france-plan-satellites-for-maritime-](https://economictimes.indiatimes.com/news/defence/india-france-plan-satellites-for-maritime-surveillance-french-space-agency-chief/articleshow/65828365.cms)

[surveillance-french-space-agency-chief/articleshow/65828365.cms](https://economictimes.indiatimes.com/news/defence/india-france-plan-satellites-for-maritime-surveillance-french-space-agency-chief/articleshow/65828365.cms) India and France have planned 8-10 satellites as part of a "constellation" for maritime surveillance, French space agency CNES chief Jean-Yves Le Gall has said.

Double satellite launch enhances ship surveillance. **By Martyn Wingrove.** *Maritime*

Digitalisation & Communications. 18 September 2018. Available from:

[http://www.marinemec.com/news/view.double-satellite-launch-enhances-ship-](http://www.marinemec.com/news/view.double-satellite-launch-enhances-ship-surveillance_54251.htm%7C)

[surveillance_54251.htm%7C](http://www.marinemec.com/news/view.double-satellite-launch-enhances-ship-surveillance_54251.htm%7C) UK-based Surrey Satellite Technology has confirmed the successful launch of two satellites that will provide high resolution surveillance of the world's oceans for oil spills and illegal maritime activities.

Shipowners trial Northern Sea Route as Arctic trade opens up. **By Lucy Hine.** *TradeWinds*.

18 September 2018. Available from: [http://www.tradewindsnews.com/liner/1581538/shipowners-](http://www.tradewindsnews.com/liner/1581538/shipowners-trial-northern-sea-route-as-arctic-trade-opens-up)

[trial-northern-sea-route-as-arctic-trade-opens-up](http://www.tradewindsnews.com/liner/1581538/shipowners-trial-northern-sea-route-as-arctic-trade-opens-up) Danish containership giant Maersk Line is doing it, smaller Finnish owner ESL Shipping is testing it out on two delivery voyages and Sovcomflot (SCF Group) has already done it but might do it again with a new ship type in the coming weeks.

ECDIS & maritime accident investigation. By Paul Whyte. *Marine Electronics.*

19 September 2018. Available from: <https://www.marineelectronics.com/news/ecdis-maritime-accident-255821> Captain Whyte, a leading marine accident analyst at LOC Group, an independent marine and engineering consultancy which provides services to the shipping and offshore energy industries, explains how electronic data is making accident investigation clearer by providing irrefutable evidence.

Gazprom tests the ice in its northernmost license area. By Atle Staalesen. *Independent Barents Observer (Norway).*

20 September 2018. Available from: <https://thebarentsobserver.com/en/arctic-industry-and-energy/2018/09/gazprom-tests-ice-its-northernmost-offshore-license-area> Two powerful vessels on the 7th September started the towing away of giant icebergs in the northern part of the Barents Sea.

SRI delivers ground breaking survey. *Seafarers' Rights International (SRI).*

25 September 2018. Available from: <https://seafarersrights.org/seafarers-subjects/cabotage/> Seafarers' Rights International (SRI), a world leading international centre researching maritime and seafarers' law, has today published a new report that explores the nature and extent of cabotage laws around the world. [Cabotage Laws of the World](#)

First commercial crossing of ocean frozen seas [Interview with Malte Humpert of the Arctic Institute]. *BBC World Service.*

25 September 2018. Available from: <https://www.bbc.co.uk/programmes/w172w25c450b1nh> Interview with Malte Humpert of the Arctic Institute, starts at 45 mins.

Iranian oil tankers go dark with 1 1/2 months to go to sanctions. By Julian Lee. *Bloomberg.*

25 September 2018. Available from: <https://www.bloomberg.com/news/articles/2018-09-25/iranian-oil-tankers-go-dark-with-1-1-2-months-to-go-to-sanctions> Iran's oil tankers are starting to disappear from global satellite tracking systems with just under six weeks to go until U.S. sanctions are due to hit the country's exports, making it harder to keep track of the nation's sales.

Shipping in ice-free Arctic Ocean could have cooling effect on climate, simulations show.

University of California, Irvine (UCI). 25 September 2018. Available from: <https://news.uci.edu/2018/09/25/shipping-in-ice-free-arctic-ocean-has-potential-cooling-effect-model-shows/> Sea ice is melting due to global warming, enabling greater maritime access to the Arctic Ocean.

How wireless communications keep ships and people safe at sea. *International*

Telecommunication Union News. 27 September 2018. Available from: <https://news.itu.int/how-wireless-communications-ships-people-safe-at-sea/> The Radiocommunication Sector (ITU-R) of the International Telecommunication Union (ITU) manages the needs of the radio frequency spectrum for all radiocommunications systems worldwide, including those used for maritime radiocommunication and radionavigation.

PIRACY

Scorpio tanker attacked by pirates. By Jason Jiang. *Splash 247.com*. 19 September 2018. Available from: <https://splash247.com/scorpio-tanker-attacked-by-pirates/> Scorpio Tankers' 2015-built MR1 tanker *STI Hammersmith* was attacked by pirates in the Gulf of Guinea on Monday.

NIMASA commences rescue mission of crew on board hijacked vessel. By Isichei Osangbi. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 24 September 2018. Available from: <http://nimasa.gov.ng/press-center/post/nimasa-commences-rescue-mission-of-crew-on-board-hijacked-vessel> The Nigerian Maritime Administration and Safety Agency (NIMASA) has commenced search rescue operations for the abducted 12 crew members onboard *MV GLARUS* owned by ALLISON Shipping which was hijacked off Bonny Island in Rivers State to ensure that they are found and released unconditionally.

PORT STATE CONTROL

Foreign flagged ships detained in the UK during August 2018. *UK Maritime & Coastguard Agency*. 14 September 2018. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-august-2018> During August, there were five new detentions of foreign flagged vessels in a UK port, three vessels remained under detention from previous months.

PORTS & HARBOURS

APM Terminals uses drones to improve safety and efficiency. *APM Terminals*. 30 August 2018. Available from: <https://www.apmterminals.com/en/news/press-releases/2018/apm-terminals-uses-drones-to-improve-safety-and-efficiency> At APM Terminals' inland services facilities in San Antonio and Santiago, Chile, safety supervisors previously monitored activities on the ground.

Cosco aims to make Piraeus top container port in the Med. By David Glass. *Seatrade Maritime News*. 31 August 2018. Available from: <http://www.seatrade-maritime.com/news/europe/cosco-aims-to-make-piraeus-top-container-port-in-the-med.html> Cosco Shipping Ports (CSP) has set its sights on making Greece's largest port Piraeus the number one container handling port in the Mediterranean within 18 months.

No country offers ports to migrant ships, angering Italy. *EurActiv*. 31 August 2018. Available from: <https://www.euractiv.com/section/justice-home-affairs/news/no-country-offers-ports-to-migrant-ships-angering-italy/> Italy demanded on Thursday (30 August) the EU find other ports to disembark migrants rescued in the Mediterranean, suggesting it would withhold support for the EU naval mission against people-smuggling unless other countries take in survivors.

ISPS: Tin Can Port begins construction of perimeter fence. By Godfrey Bivbere. *Vanguard (Nigeria)*. 5 September 2018. Available from: <https://www.vanguardngr.com/2018/09/isps-tin-can-port-begins-construction-of-perimeter-fence/> Port management of Tin-can Island port has commenced work on the perimeter fencing of the facility in compliance with the International Ships and Ports Security Facilities, ISPC code.

ESPO asks to recognise the cross-border dimension of EU ports and to strengthen the maritime connectivity in CEF II. *European Sea Ports Organisation (ESPO)*. 5 September 2018. Available from: <https://www.espo.be/news/espo-calls-for-the-recognition-of-the-cross-border> The investment needs of European ports over the next ten years amount to 48 billion EUR.

Bala Usman: Nigeria's ports positioned to be Africa's hub. *This Day (Nigeria).*

7 September 2018. Available from: <https://www.thisdaylive.com/index.php/2018/09/07/bala-usman-nigerias-ports-positioned-to-be-africas-hub/> The Managing Director of the Nigerian Ports Authority (NPA), Hadiza Bala-Usman in this interview said the NPA is hosting the International Association of Ports and Harbours World Port Conference because it will provide the opportunity to market the port industry in Nigeria.

Nigeria hosts Regional Conference of International Association of Ports and Harbours.

By Izuchukwu Ozoemena. *Business & Maritime West Africa.* 10 September 2018. Available from: <http://www.businessandmaritimewestafrica.com/maritime-development/nigeria-hosts-regional-conference-of-international-association-of-ports-and> Managing Director of the Nigerian Ports Authority (NPA), Hadiza Bala Usman has emphasized the need for maritime stakeholders in the African continent to come together and chart a new course for the collective development of African ports.

Second Maritime Leaders Roundtable seeks to strengthen UAE ports' leadership. *Emirates*

News Agency (UAE). 10 September 2018. Available from: <http://wam.ae/en/details/1395302707508> Under the patronage of the Federal Transport Authority for Land and Maritime, FTA, the Tactics Maritime Media and Marasi News have successfully arranged, "The UAE Maritime Leaders Roundtable Discussion," under the theme "To what extent do the UAE ports meet the current demands of the shipping industry?"

Drones banned from Shanghai port. **By Sam Chambers.** *Splash 247.com.* 11 September 2018.

Available from: <https://splash247.com/drones-banned-from-shanghai-port/> Drones may well have been touted as a future vital tool for shipping at last week's giant SMM exhibition in Hamburg, but ship operators are warned today not to bring these flying cameras to the world's largest container port, where they are now banned.

US ports close as east coast braces for Hurricane Florence . **By Inderpreet Walia.**

Lloyd's List. 11 September 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124182/US-ports-close-as-east-coast-braces-for-Hurricane-Florence> The US Coast Guard has started shutting ports and waterways on the east coast ahead of Hurricane Florence, which is expected to make landfall later this week.

Port awarded \$50 million for zero emissions project. *Port of Long Beach.* 11 September 2018.

Available from: <http://polb.com/news/displaynews.asp?NewsID=1760&TargetID=1> The Port of Long Beach has received preliminary approval for a \$50 million grant from the California Air Resources Board for a sweeping, transformative demonstration of a near-zero and zero-emissions supply chain at the nation's second-busiest seaport.

Romania hopes Constanta port to become important hub on the Belt and Road.

Xinhuanet (China). 11 September 2018. Available from: http://www.xinhuanet.com/english/2018-09/11/c_137459208.htm Romania hopes Constanta port to become an important hub on the Belt and Road, a Romanian official said on Monday.

Mid-Atlantic ports prepare for hurricane Florence. *Maritime Executive.* 11 September 2018.

Available from: <https://maritime-executive.com/article/mid-atlantic-ports-prepare-for-hurricane-florence> The U.S. Coast Guard has ordered merchant ships and ports in the mid-Atlantic region to prepare for the arrival of Hurricane Florence, which is expected to reach shore on Friday.

Europe's biggest port says companies not doing enough for Brexit. **By Ellen Proper.**

ShippingWatch. 13 September 2018. Available from: <https://shippingwatch.com/secure/Ports/article10866619.ece> The Port of Rotterdam, Europe's biggest shipping port, warned companies on both sides of the Channel that they are not doing enough to prepare for Britain's exit from the European Union, as it plans a test of its facilities to make sure it is ready for the worst.

Leading port authorities combine forces in Climate Action Program. *Port of Rotterdam*. 13 September 2018. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/leading-port-authorities-combine-forces-in-climate-action-program> Allard Castelein: "The Paris Agreement has set a clear target: we need to limit global warming to well below 2°C.

La Spezia: Turning the trade map of Europe upside down. By Peter Buxbaum. *American Journal of Transportation (AJOT)*. 13 September 2018. Available from: <https://www.ajot.com/blogs/full/ai-la-spezia-turning-the-trade-map-of-europe-upside-down> The shape of the Italian peninsula is most often thought of as a boot, but it can also be seen as a huge pier stretching into the Mediterranean Sea.

LNG cruise ship coming to Port Canaveral fuels concerns of some local residents. By Dave Chambers and Wayne T. Price. *Florida Today (US)*. 14 September 2018. Available from: <https://eu.floridatoday.com/story/news/local/environment/2018/09/14/addition-lng-powered-ships-port-canaveral-raises-concerns/1213072002/> The future is coming to Port Canaveral in 2020 with a new 21st-century, state-of-the-art cruise ship that runs on liquefied natural gas. And that has Mary Hillberg very nervous.

Panama Canal head expects fewer China, U.S. ships if trade war escalates. By Elida Moreno. *Reuters*. 14 September 2018. Available from: <https://reut.rs/2xUU1UY> Fewer ships from China and the United States could use the Panama Canal if trade tensions escalate between the two economic giants, but the dip could be offset by grain exports from north Brazil, the head of the organization that operates the waterway said.

International Taskforce mobilised to optimize port calls using existing standards. *All About Shipping*. 19 September 2018. Available from: <http://www.allaboutshipping.co.uk/2018/09/19/international-taskforce-mobilised-to-optimize-port-calls-using-existing-standards/> Established in 2014, the Port Call Optimization International Taskforce commenced its work to resolve the key question that has been asked by shipowners and operators alike.

Cruise ship breaks away from moorings amid massive storm in Scotland. *World Maritime News*. 20 September 2018. Available from: <https://worldmaritimeneeds.com/archives/260981/> It is not clear how many of the passengers and guests were on board the ship at the time of the incident as majority of them, over 500, were reported to be ashore.

European ports welcome Parliament's explicit support to remove the tax barriers for shore-side electricity for ships. *European Sea Ports Organisation (ESPO)*. 25 September 2018. Available from: <https://www.espo.be/news/european-ports-welcome-parliaments-explicit-support> The Transport committee of the European Parliament supported yesterday the removal of tax barriers for the uptake of shore-side electricity supply (OPS) in ports for ships at berth.

Booming Colombo port and 70th World Maritime Day. By N. Ilangamuwa. *Daily News (Sri Lanka)*. 27 September 2018. Available from: <http://www.dailynews.lk/2018/09/27/business/163788/booming-colombo-port-and-70th-world-maritime-day> The passing of several milestones by overcoming various challenges throughout her rich history, the Port of Colombo has achieved the global standards on safe maritime trade and shipping industry.

REGULATIONS

China Regulatory Update. *ABS (American Bureau of Shipping)*. 30 August 2018. Available from: <https://ww2.eagle.org/content/dam/eagle/regulatory-news/2018/china-reg-update-aug-2018-r3.pdf> Requirements on Marine Engine NOx Emission Limit for Imported Ships Engaged in Chinese Domestic Trading and Chinese Flag International Vessels Engaged in Domestic Waterway Transportation.

ABS Gathers Industry Leaders to Discuss Challenges and Opportunities Arising from IMO 2020. *ABS (American Bureau of Shipping)*. 3 September 2018. Available from: <https://ww2.eagle.org/en/news/press-room/abs-gathers-industry-leaders-to-discuss-challenges-and-opportunities-arising-from-imo-2020.html> Shipping industry leaders, joined by Goldman Sachs, discussed IMO 2020 challenges and opportunities at the ABS panel discussion held at the start of SMM 2018.

Will IMO 2020 Introduce Mayhem Or Opportunity To The Refining And Marine Sectors? **By Alan Gelder.** *Forbes*. 3 September 2018. Available from: <https://www.forbes.com/sites/woodmackenzie/2018/09/03/will-imo-2020-introduce-mayhem-or-opportunity-to-the-refining-and-marine-sectors> It is rare that a fuel specification change could disrupt the oil value chain, but the International Maritime Organisation's (IMO) planned change to bunker fuel regulation may do just that.

Shell Marine discusses engine protection beyond 2020. *gCaptain*. 3 September 2018. Available from: <https://gcaptain.com/shell-marine-discusses-engine-protection-beyond-2020/> Marine lubricant choices to address International Maritime Organization restrictions on the fuels used by ships from 2020 must be based on verifiable cylinder oil performance data and engine testing to cover all operating conditions, according to the new General Manager of Shell Marine, Joris Van Brussel.

Ship operators need to take a strategic approach to IMO 2020: Lloyd's Register. **By Suhabhi Sahu.** *S&P Global Platts*. 3 September 2018. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/090318-ship-operators-need-to-take-a-strategic-approach-to-imo-2020-lloyds-register> Ship operators need to take a strategic approach as the International Maritime Organization's global sulfur limit rule inches closer and full compliance to the rule still remains a question mark, Douglas Raitt, regional consultancy manager Asia at Lloyd's Register, said.

China strengthens Yangtze River ECA. By Jonathan Robins. *Fairplay*. 4 September 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4306016/china-strengthens-yangtze-river-eca> China has brought forward sulphur pollution restrictions in the Yangtze River Delta emission control area (ECA) by one year to 1 October 2018.

ClassNK to launch guide to using compliant fuels for 2020 sulphur cap. By Marcus Hand. *Seatrade Maritime News*. 5 September 2018. Available from: <http://www.seatrade-maritime.com/news/asia/classnk-to-launch-guide-to-using-compliant-fuels-for-2020-sulphur-cap.html> At press briefing alongside SMM 2018 the Japanese classification society said of 9,101 ships that it classes around 150 were either fitted or going to install scrubbers.

Is maritime regulation stuck in the past? By Anastassios Adamopoulos. *Lloyd's List*. 6 September 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124134/Is-maritime-regulation-stuck-in-the-past> Adoption of technology in maritime is being held back by regulation which is failing to set clear standards and has led to a fragmented and often ineffective results, an industry audience heard at the Lloyd's List SMM Business briefing held in Hamburg on Thursday.

Swiss-based traders scramble to adapt to sulphur shipping cap. By Paula Dupraz-Dobias.

SWI Swissinfo.Ch. 9 September 2018. Available from: <https://www.swissinfo.ch/eng/shipping-emissions-swiss-based-traders-scramble-to-adapt-to-sulphur-shipping-cap/44380024> After the signing in 2015 of the Paris climate agreement, shipping, together with aviation, was largely left out of pledges set by the United Nations members.

Shippers fear engine failures as industry forced to upgrade fuel. By Ellen Milligan. Bloomberg.

11 September 2018. Available from: <https://www.bloomberg.com/news/articles/2018-09-11/shippers-fear-engine-failures-as-industry-forced-to-upgrade-fuel> Add oil tankers breaking down at sea to the list of things shipping companies are worrying about as they brace for a once-in-a-generation overhaul to the kind of fuel the industry must consume.

Confusion and consternation as sulphur cap looms. By Ian Adams.

Marine Propulsion & Auxiliary Machinery. 12 September 2018. Available from: https://www.mpropulsion.com/news/view.confusion-and-consternation-as-sulphur-cap-looms_54201.htm In October 2008 at the 58th Session of IMO's Marine Environment Protection Committee (MEPC), the revised Marpol Annex VI was adopted which subsequently entered into force on 1 July 2010.

Could IMO 2020 sulfur cap be subject to law of unintended consequences? By Eleni Pittalis.

S&P Global Platts. 12 September 2018. Available from: <http://blogs.platts.com/2018/09/12/imo-2020-sulfur-cap/?tag=1-452121-4882723-0-BW> The International Maritime Organization's 2020 global 0.5% marine sulfur cap is an act of stewardship to protect the planet and human health for generations to come, but the supply and demand imbalances created by the cap encapsulate the law of unintended consequences.

Who is ready for an Arctic ban on HFO? By Dave Walsh. Splash 247.com.

13 September 2018. Available from: <https://splash247.com/who-is-ready-for-an-arctic-ban-on-hfo/> In April this year, a meeting of the International Maritime Organization's Marine Environment Protection Committee (MEPC72) in London agreed to move forward on developing a ban on heavy fuel oil - for use and carriage as fuel from Arctic shipping.

Odfjell says it will not install "scrubbers" to meet new fuel standards. Reuters.

13 September 2018. Available from: <https://af.reuters.com/article/commoditiesNews/idAFL5N1VZ3KW> Chemical tanker firm Odfjell said it will not invest in scrubbers to clean fuel on its vessels to comply with new stricter emission rules from 2020 but instead buy fuel which meets the new standards.

Refining summit sees IMO 2020 shipping pollution requirements boosting diesel, LSFO demand. By Elza Turner and Jack Jordan. S&P Global Platts.

13 September 2018. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/091318-refining-summit-sees-imo-2020-shipping-pollution-requirements-boosting-diesel-lsfo-demand> Tighter shipping pollution requirements from 2020 are expected to increase demand for diesel and low sulfur fuel oil, giving ongoing support to already healthy refining margins in Europe, according to speakers at an industry event Thursday.

IMO 2020 INSIGHT: High levels on noncompliance unavoidable in 2020. By Robin Meech.


Ship & Bunker. 14 September 2018. Available from: <https://shipandbunker.com/news/world/998491-imo-2020-insight-high-levels-of-noncompliance-unavoidable-in-2020> Over the next 15 months some 60,000 ships need to clean their bunker tanks to be compliant on 1 January 2020.

NPA sensitizes stakeholders on implementation of BWM Convention. By Shulammit 'Foyeku.

Ships & Ports. 14 September 2018. Available from: <http://shipsandports.com.ng/npa-sensitizes-stakeholders-implementation-bwm-convention/> The Nigerian Ports Authority (NPA) has said that it would step up inspection of ships calling at the nation's territorial waters to ensure they discharge their ballast waters in order to protect the marine environment from invasive species.

2020 - shipping's biggest problem. *Tanker Operator*. 14 September 2018. Available from: <http://www.tankeroperator.com/news/2020---shippings-biggest-problem/10065.aspx> By far the major issue was the low sulfur legislation due to enter force on 1st January 2020.

VGM needs to move from compliance to accuracy. *APM Terminals*. 14 September 2018. Available from: <https://www.apmterminals.com/en/news/press-releases/2018/vgm-needs-to-move-from-compliance-to-accuracy> Since July 2016, the verification of a container's weight (Verified Gross Mass, or VGM) has been a requirement under the International Convention for the Safety of Life at Sea (SOLAS).

ICS Launches Free Guidance on Preparing for 2020 Sulphur Cap. *International Chamber of Shipping (ICS)*. 17 September 2018. Available from: <http://www.ics-shipping.org/news/press-releases/2018/09/17/ics-launches-free-guidance-on-preparing-for-2020-sulphur-cap> To assist shipping companies prepare for implementation of the UN IMO global sulphur cap for ships' fuel oil, the International Chamber of Shipping (ICS) has produced – free of charge – some comprehensive guidance on implementation planning, to help ensure compliance across the shipping industry with this regulatory game changer. [Provisional Guidance to Shipping Companies and Crews on Preparing for Compliance with the 2020 'Global Sulphur Cap' for Ships' Fuel Oil in Accordance with MARPOL Annex VI](#) 

Emissions monitoring: Maintaining a level playing field post-2020. By Niels Bjørn Mortensen. *Passenger Ship Technology*. 17 September 2018. Available from: https://www.passengership.info/news/view_emissions-monitoring-maintaining-a-level-playing-field-post2020_54253.htm When the new rules for marine fuel oil take effect from 1 January 2020, only fuels with a sulphur content below 0.50% will be compliant.

Ballast water management was "a complete pig's breakfast". By Dale Wainwright. *TradeWinds* 18 September 2018. Available from: <http://www.tradewindsnews.com/casualties/1584597/ballast-water-management-was-a-complete-pigs-breakfast> Singapore shipping titan Andreas Sohlen-Pao has described the regulations surrounding ballast water management as a "complete pig's breakfast".

Final Rule - Ballast water management annual reporting requirement. *US Coast Guard Maritime Commons*. 19 September 2018. Available from: <http://mariners.coastguard.dodlive.mil/2018/09/19/9-19-2018-final-rule-ballast-water-management-annual-reporting-requirement/> The Coast Guard published a Final Rule eliminating the requirement for certain vessels that operate on voyages exclusively within a single Captain of the Port Zone to submit an Annual Ballast Water Summary Report for calendar year 2018.

Impact of new IMO regulations on Arabian Gulf's oil export dynamics. By Arab Petroleum Investments Corporation (APICORP). *Hellenic Shipping News*. 19 September 2018. Available from: <https://www.hellenicshippingnews.com/impact-of-new-imo-regulations-on-arabian-gulfs-oil-export-dynamics/> The Arab Petroleum Investments Corporation (APICORP), the multilateral development bank focused on the energy sector, published its latest research report today, which this month analyses the impact on the Gulf's oil dynamics of new fuel oil regulations for the shipping industry set by the International Maritime Organisation.

Ballast Water Management-Annual Reporting Requirement. *US Federal Register*. 19 September 2018. Available from: <https://www.federalregister.gov/documents/2018/09/19/2018-20374/ballast-water-management-annual-reporting-requirement> The Coast Guard is eliminating the requirement for certain vessels that operate on voyages exclusively within a single Captain of the Port Zone to submit an Annual Ballast Water Summary Report for calendar year 2018.

ExxonMobil warns shipowners to prepare now for IMO 2020. By Jonathan Robins. *Fairplay*. 19 September 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4306616/exxonmobil-warns-shipowners-to-prepare-now-for-imo-2020>
As 2020 approaches, shipowners are facing vast changes to their fuel requirements, and therefore a central tenet of how they do business.

To scrub or not to scrub: listed owners reveal their 2020 hands. By Michael Juliano and Andy Pierce. *TradeWinds*. 20 September 2018. Available from: <http://www.tradewindsnews.com/legal/1576932/to-scrub-or-not-to-scrub-listed-owners-reveal-their-2020-hands> Shipowners are gradually falling into different camps on how to comply with the pending IMO 2020 regulations that limit the sulphur content of fuel to 0.5% instead of the current 3.5%.

K Line: We will not limit ourselves to one 2020 sulphur cap measure. *World Maritime News*. 21 September 2018. Available from: <https://worldmaritimeneeds.com/archives/261093/>
As explained, all of the options will be explored, including alternative fuels, deciding on a ship-by-ship basis which is the best way to go.

Liberia urges early reporting on IMO 2020 fuels. By Michael Juliano. *TradeWinds*. 25 September 2018. Available from: <http://www.tradewindsnews.com/legal/1591554/liberia-urges-early-reporting-on-imo-2020-fuels> Liberia is asking the International Maritime Organization (IMO) that shipowners give an early heads-up on IMO 2020 compliant fuels.

Create some safety valves for the new clean fuels rule on ships, or watch Trump erupt: energy economist. By John Kingston. *Freight Waves*. 25 September 2018. Available from: <https://www.freightwaves.com/news/imo2020-circuit-breaker-economist-report> An economist who has been predicting a significant oil market disruption when new rules on the environmental quality of the fuel that powers ships is calling for "circuit-breakers" to stem any sort of spike in the price of diesel.

IMO2020: Who will get the bill? By Andy Lane. *Splash 247.com*. 26 September 2018. Available from: <https://splash247.com/imo-2020-who-will-get-the-bill/> With 15 months remaining before [container] ships need to become compliant with IMO's (constantly reiterated) January 1 2020 deadline for the global sulphur cap, the predicted worst-case scenario of "unholy mess" might be avoided, as the operators accelerate steps to comply, and as they did previously with VGM compliance.

BIMCO to develop several IMO2020-focused clauses. *Ship & Bunker*. 26 September 2018. Available from: <https://shipandbunker.com/news/world/434578-bimco-to-develop-several-imo-2020-focused-clauses> Just as there is no "one size fit all" approach to IMO 2020, a "one clause fits all" approach is also unworkable, a BIMCO subcommittee has concluded following its first meeting on the matter held September 19.

IMO 2020 Analysis: Do the Sky High Predictions for Post 2020 HSFO Demand, Scrubber Uptake Add Up? By Martyn Lasek. *Ship & Bunker*. 27 September 2018. Available from: <https://shipandbunker.com/news/world/631229-imo-2020-analysis-do-the-sky-high-predictions-for-post-2020-hsfo-demand-scrubber-uptake-add-up> Until recently, the bunker demand picture heading into IMO 2020 was thought to be well understood: When the 0.50% sulfur cap on marine fuel goes into force on January 1, 2020 the vast majority of the 60,000-strong world fleet was expected to switch away HSFO and burn a compliant distillate or VLSFO blend.

APPEC feature: IMO 2020 sulfur cap to disrupt oil complex and alter trade flows. By Eric Yep. *S&P Global Platts*. 27 September 2018. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/092718-appec-feature-imo-2020-sulfur-cap-to-disrupt-oil-complex-and-alter-trade-flows> The International Maritime Organization's low-sulfur regulation for shipping fuel is shaping up to become one of the biggest shocks to ripple through the oil complex, one which could cause price spikes, change in trade flows and hit every sector that consumes petroleum fuels or uses seaborne trade.

Venezuela faces fresh blow with ship-fuel rules threatening exports. By Lucia Kassai.

Bloomberg. 27 September 2018. Available from: <https://www.bloomberg.com/news/articles/2018-09-27/venezuela-faces-fresh-blow-as-ship-fuel-rules-threaten-exports> New rules forcing ships to use cleaner marine fuels may deal yet another blow to cash-strapped Petroleos de Venezuela SA, an exporter of high-sulfur fuel oil.

Feature: Uncertain options for IMO 2020 sulfur cap, but disruptions expected - analyst.

By Olivia Kalb. *S&P Global Platts*. 28 September 2018. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/092818-feature-uncertain-options-for-imo-2020-sulfur-cap-but-disruptions-expected-analyst> While analysts expect disruptions in the coal export and import markets, solutions to the International Maritime Organization's 2020 sulfur cap remain unclear, a Wood Mackenzie analyst said in a report Thursday.

SALVAGE

Photos: Salvors avoid current by diving within hull. *Maritime Executive*. 30 August 2018.

Available from: <https://maritime-executive.com/article/photos-salvors-avoid-current-by-diving-within-hull> Strong currents can turn a salvage project into a slow, risky operation, adding extra challenges to every diving evolution.

SEAFARERS

Shipowners should be 'very worried' over Philippines seafarers and EMSA audit compliance.

By Marcus Hand. *Seatrade Maritime News*. 31 August 2018. Available from: <http://www.seatrade-maritime.com/news/asia/shipowners-should-be-very-worried-over-philippines-seafarers-and-ems-audit-compliance.html> As an October deadline looms for the Philippines maritime administration to prove that it has implemented a correction plan following a full audit of its compliance with certification of the STCW Convention by EMSA in March last year, Schou said some EU member states were losing patience with the Southeast Asian nation.

Workplace bullying is widespread problem for crew. By Tanya Blake. *Fairplay*.


3 September 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4305996/workplace-bullying-is-widespread-problem-for-crew> A study of more than 1,000 seafarers released earlier this year by Yale University in the United States and international maritime charity Sailors' Society found that more than one-quarter of seafarers had suffered from depression over a two-week period.

Life-saving officer honoured for heroic actions. *UK Government*. 3 September 2018.

Available from: <https://www.gov.uk/government/news/life-saving-officer-honoured-for-heroic-actions> Stephen Chamberlain is one of 19 people who are receiving the Merchant Navy Medal for Meritorious Service for going above and beyond in their service to the maritime industry.

Mission to Seafarers adopted as SMM official charity. By Vincent Wee. *Seatrade Maritime News*. 4 September 2018. Available from: <http://www.seatrade-maritime.com/news/europe/mission-to-seafarers-adopted-as-smm-official-charity.html> SMM Hamburg has placed seafarer welfare at the centre of its exhibition this week, by choosing The Mission to Seafarers (MtS) as its official event charity, with Deutsche Seemannsmission.

Implementing the UN guiding principles on business and human rights in the maritime sector. *Human Rights at Sea (HRAS)*. 11 September 2018. Available from:

<https://www.humanrightsatsea.org/2018/09/11/key-facts-sheet-for-maritime-business-and-human-rights-published/> Human Rights at Sea has published a freely-available facts sheet to assist maritime businesses to understand their business and human rights requirements, and the key questions to be asked at the executive & Board level of every business entity relating to the second (Respect) and third (Remedy) pillars of the 2011 UN Guiding Principles on Business and Human Rights. [Key Facts Sheet](#) 

Recognition of seafarer certificates of competency if there's no Brexit deal. *UK Government*. 13 September 2018. Available from: <https://www.gov.uk/government/publications/recognition-of-seafarer-certificates-of-competency-if-theres-no-brexit-deal> If the UK leaves the EU in March 2019 without a deal, find out how this would affect: UK trained seafarers working on board EU flagged vessels; EU trained seafarers working on board UK flagged vessels. [Guidance](#)

UK Chamber: No Deal could limit the opportunities for UK seafarers. *By Holly Birkett*. *UK Chamber of Shipping*. 14 September 2018. Available from: <https://www.ukchamberofshipping.com/latest/uk-chamber-no-deal-could-limit-opportunities-uk-seafarers/> A No-Deal Brexit would also potentially inconvenience operators of UK-flagged ships, the UK Chamber says.

Seafarers UK urges increased focus on fishermen's safety. *Seafarers UK*. 14 September 2018. Available from: <https://www.seafarers.uk/news/seafarers-uk-urges-increased-focus-on-fishermens-safety/> Seafarers UK has called upon Government to ensure that fishermen's lives are as well protected as the fish that they catch. [White Paper](#) 

Meet our Regional team: Afusat. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 19 September 2018. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/meet-our-regional-team-afusat> Our Regional Programme provides humanitarian support to seafarers and their families in three specific regions: South East Asia, South Asia and Nigeria.

Livestock ship, crew detained over unpaid wages. *By Gary Dixon*. *TradeWinds*. 20 September 2018. Available from: <http://www.tradewindsnews.com/legal/1587226/livestock-ship-crew-detained-over-unpaid-wages> A livestock carrier and its crew have been detained in Australia in a dispute over unpaid wages.

Meet our Regional team: Chirag Bahri - Regional Director, India and South Asia. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 21 September 2018. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/meet-our-regional-team-chirag> Our Regional Programme provides humanitarian support to seafarers and their families in three specific regions: South East Asia, South Asia and Nigeria.
[Meet our Regional team: Renato 'Jun' Pablo Jr - Regional Director, Philippines and South East Asia](#)

Nigerian maritime agency identifies nationalities of 12 abducted ship crew. *By Anamesere Igboeroteonwu*. *Reuters*. 23 September 2018. Available from: <https://www.reuters.com/article/us-nigeria-piracy/nigerian-maritime-agency-identifies-nationalities-of-12-abducted-ship-crew-idUSKCN1M30SJ> Twelve crew members of a Swiss merchant vessel kidnapped by pirates off the coast of Nigeria are from the Philippines, Slovenia, Ukraine, Romania, Croatia and Bosnia, the West African nation's maritime agency said on Sunday.

Seafarer happiness: The role for management and design. *By Steven Jones*. *Splash 247.com*. 25 September 2018. Available from: <https://splash247.com/seafarer-happiness-the-role-for-management-and-design/> The most recent results from the Seafarers Happiness Index have revealed that crew are feeling a little less cheery about life at sea.

Fraudulent certificates: Nip in the bud. By Brenda Pimentel. *Manila Times*. 25 September 2018. Available from: <https://www.manilatimes.net/fraudulent-certificates-nip-in-the-bud/444893/>

In the public hearing convened by the Maritime Industry Authority (Marina) on the proposed amendment to the Implementing Rules and Regulations (IRR) of Republic Act 10635, the persistent issue of curbing the proliferation of fraudulent certificates of seafarers was extensively discussed.

Duterte issues EO strengthening MARINA as single maritime admin. By Genalyn Kabilig.

Manila Bulletin. 25 September 2018. Available from: <https://news.mb.com.ph/2018/09/25/duterte-issues-eo-strengthening-marina-as-single-maritime-admin/> President Duterte has issued Executive Order No. 63 further strengthening the Maritime Industry Authority (MARINA) as the single maritime administration to ensure the protection as well as competitiveness of Filipino seafarers.

Seafarers observe National Maritime Week. *Manila Bulletin*. 25 September 2018. Available from: <https://business.mb.com.ph/2018/09/25/seafarers-observe-national-maritime-week/> The domestic maritime industry led by the Maritime Industry Authority (MARINA) and the Associated Marine Officers' and Seamen's Union of the Philippines (AMOSUP) held various celebrations in observance of the National Maritime Week this month.

ITF helps Russian crew a second time. *Maritime Executive*. 25 September 2018. Available from: <https://maritime-executive.com/article/itf-helps-russian-crew-a-second-time> For the second time, the ITF has helped a Russian crew anchored south of Skagen in Denmark.

"Importance of connectivity for seafarers on board". *BBC World Service*. 26 September 2018. Available from: <https://www.bbc.co.uk/radio/play/w172w0pwlkm4zlm> 📻 Starts at 18:56 min.

Seafarers Happiness Index: Quarter 2, 2018. *Mission to Seafarers*. September 2018.

Available from: <https://www.missiontoseafarers.org/Handlers/Download.ashx?IDMF=17be7a32-f7d8-4537-9502-e521bdda7e14> The Happiness Index is designed to monitor and benchmark seafarer satisfaction levels via 10 key questions and serves as an important barometer of seafarer satisfaction with life at sea.

SEARCH & RESCUE

Woman rescued by passing dredger. *UK Maritime & Coastguard Agency*. 2 September 2018.

Available from: <http://hmcoastguard.blogspot.com/2018/09/woman-rescued-by-passing-dredger.html?m=1> A woman who was found clinging to the north wall, in the harbour near Berwick Pier this morning has been rescued by the crew of a dredger.

No NGO rescue boats currently in central Mediterranean, agencies warn. By Lorenzo Tondo.

The Guardian. 12 September 2018. Available from: <https://www.theguardian.com/world/2018/sep/12/migrant-rescue-ships-mediterranean> Thousands of migrants risk dying at sea because of a clampdown on NGO rescue ships, aid agencies have warned, in what has been their longest period of absence from the central Mediterranean since they began operating in late 2015.

Under fire from smugglers, Libya's navy rescues 57 migrants at sea. *Gulf Times (Qatar)*.

17 September 2018. Available from: <https://www.gulf-times.com/story/606387/Under-fire-from-smugglers-Libya-s-navy-rescues-57-migrants-at-sea> Libya's navy has rescued 57 people on a migrant boat off the coast of the North African country, in an operation that involved a clash with armed smugglers.

Panama revokes registration of last migrant rescue ship in central Mediterranean.

By **Stephen Jewkes**. *Reuters*. 23 September 2018. Available from:

<https://www.reuters.com/article/us-italy-migration-aquarius-panama/panama-revokes-registration-of-last-migrant-rescue-ship-in-central-mediterranean-idUSKCN1M30S9> The Panama Maritime Authority has revoked the registration of search and rescue ship *Aquarius* 2 in a move that means there will be no charity rescue ships off the Libyan coast in the near future unless the vessel can find a new flag to sail under.

Italian government pressures Panama to stop *Aquarius* rescues on world's deadliest maritime route.

Medecins Sans Frontieres (MSF). 23 September 2018. Available from:

<https://www.msf.org/italian-government-pressures-panama-stop-aquarius-rescues-worlds-deadliest-maritime-route> SOS MEDITERRANEE and Médecins Sans Frontières (MSF) are reeling from the announcement by the Panama Maritime Authority (PMA) that it has been forced to revoke the registration of the search and rescue ship *Aquarius*, under blatant economic and political pressure from the Italian government.

SHIP RECYCLING

Seatrade: A new approach to violations of regulations on ship recycling in the EU?

By **Alexandra Mikelis**. *Safety4Sea*. 30 August 2018. Available from:

<https://safety4sea.com/seatrade-a-new-approach-to-violations-of-regulations-on-ship-recycling-in-the-eu/> By the end of this year, a new European Union regulation will take effect to prevent owners of EU flagged ships from recycling ships in yards which have not been approved by the EU Commission.

Hapag-Lloyd praised for green ship recycling.

World Maritime News. 6 September 2018. Available from: <https://worldmaritimeneeds.com/archives/260230> German container shipping line Hapag-Lloyd has received the "DNV GL Excellence Green Star" certificate in recognition of its compliance with the highest standards in ship recycling.

Watch: Timelapse of a ship recycling in Alang.

Safety4Sea. 10 September 2018. Available from: <https://safety4sea.com/watch-timelapse-of-a-ship-recycling-in-alang/> The video provides a timelapse of a ship breaking procedure in the world's largest ship recycling facility, in Alang, India.

Compliant recycling of a navy tanker. By Gramann Henning.

Safety4Sea. 12 September 2018. Available from: <https://safety4sea.com/compliant-recycling-of-a-navy-tanker/> After 30 years of service the single-hulled tanker *HMNZS Endeavour* was no longer IMO-compliant anymore and the New Zealand Defence Force (NZDF) needed a disposal plan.

How scrapping became difficult and the reasons behind it.

MundoMaritimo. 12 September 2018. Available from: <https://mundomaritimo.net/noticias/how-scrapping-became-difficult-and-the-reasons-behind-it> "Shipping used to be easy: buy low, sell high and try not to lose money in between.

Indian yards could miss deadline for scrapping list. By Niklas Krigslund.

ShippingWatch. 13 September 2018. Available from: <https://shippingwatch.com/carriers/article10867049.ece> It is still an open question whether the EU will finish its inspections of the controversial beaching facilities in India before the turn of the year, by which time the new shipbreaking regulations come into force.

Navy contract could open EU door for Indian shipbreakers. By Adam Corbett.

TradeWinds. 20 September 2018. Available from: <http://www.tradewindsnews.com/casualties/1582401/navy-contract-could-open-eu-door-for-indian-shipbreakers> A New Zealand navy tanker has become the first vessel to be demolished in India in compliance with the exacting safety and environmental standards of the Basel Convention.

ECSA asks for more capacity on the EU ship recycling list. *European Community Shipowners' Associations (ECSA)*. 26 September 2018. Available from: <https://www.ecsa.eu/news/ecsa-asks-more-capacity-eu-ship-recycling-list> The European Shipping industry welcomes the European Commission's current inspections of ship recycling facilities in order to enlarge the list of approved facilities that will ensure safe and environmentally sound ship recycling.

EU-listed yards can handle the recycling demand of EU-flagged ships. *Transport & Environment*. September 2018. Available from: <https://bit.ly/2yuyZvM> The NGO Shipbreaking Platform and T&E have taken a closer look at the capacity available for ship recycling under the EU Ship Recycling Regulation No 1257/2013 (EU SRR).

SHIPBUILDING & SHIPREPAIR

Testing begins on first product tanker vessel utilising wind propulsion technology.

By Camilla Ugilt. *Maersk*. 30 August 2018. Available from: <https://maersktankers.com/media/testing-begins-on-first-product-tanker-vessel-utilising-wind-propulsion-technology> Norsepower Oy Ltd., together with project partners Maersk Tankers, Energy Technologies Institute (ETI) and Shell Shipping & Maritime, today announced the installation of two Norsepower Rotor Sails onboard *Maersk Pelican*, a Maersk Tankers Long Range 2 (LR2) product tanker vessel. [Installation of Flettner Rotors on Maersk Pelican](#)

Energy transition offers innovators a competitive edge through "carbon robust" ship designs. *DNV GL*. 10 September 2018. Available from: <https://www.dnvgl.com/news/energy-transition-offers-innovators-a-competitive-edge-through-carbon-robust-ship-designs-128752> "The energy transition is undeniable," says Remi Eriksen, Group President and CEO of DNV GL. [Energy Transition Outlook 2018](#)

China breaks the Arctic ice with launch of new research vessel. **By Liu Zhen.** *South China Morning Post*. 12 September 2018. Available from: <https://www.scmp.com/news/china/military/article/2163784/china-breaks-arctic-ice-launch-new-research-vessel> China has launched its first home-made icebreaking vessel, a further step towards strengthening its exploration and research around the earth's poles.

Arctic shipping routes can further warm China-Russia cooperation, technological development. **By Hu Weijia.** *Government of China*. 13 September 2018. Available from: <https://eng.yidaiyilu.gov.cn/home/rolling/66105.htm> China has launched its first domestically built icebreaking vessel named *Xuelong 2*, reflecting its determination to strengthen its research and exploration in the Arctic region.

SHIPPING

Contaminated bunker issue continues to spread. *Gard*. 28 August 2018. Available from: <http://www.gard.no/web/updates/content/26125911/contaminated-bunker-issue-continues-to-spread> The recent spate of mechanical failures attributed to poor quality bunkers have resulted in excessive wear, blocking and damage to ships' fuel systems.

The 2020 sulphur cap - Why you need to review your charter parties. **By Marcus Hand.** *Seatrade Maritime News*. 30 August 2018. Available from: <https://bit.ly/2lCoQ54> North's Freight, Demurrage and Defense (FD&D) department is encouraging its members to review their charter parties as soon as possible and new charters drafted with clauses that take the 2020 sulphur cap into account.

The first RS audit by MA of Liberia. *Russian Maritime Register of Shipping (RS)*. 30 August 2018. Available from: <http://rs-class.org/en/register/news/detail.php?ID=30490> Russian Maritime Register of Shipping (RS, Register) was successfully audited by the Maritime Administration (MA) of Liberia.

Five key misconceptions of wind propulsion solutions for commercial vessels. *Ship & Bunker*. 30 August 2018. Available from: <https://shipandbunker.com/news/world/805595> Gavin Allwright, Secretary General of the International Windship Association (IWSA), today has addressed what he says are five key misconceptions of wind propulsion solutions for commercial vessels.

MOL shuns LNG with its 2020 fuel policy. *By Sam Chambers. Splash 247.com*. 31 August 2018. Available from: <https://splash247.com/mol-shuns-lng-with-its-2020-fuel-policy/> With Maersk determined to pursue a low sulphur fuel future, eschewing scrubbers and LNG when the global sulphur cap comes into force on January 1, 2020, Splash has learnt of the 2020 bunker policy of another of the world's largest shipping lines.

New consortium aims to increase shipping efficiency. *Hellenic Shipping News*. 31 August 2018. Available from: <https://www.hellenicshippingnews.com/new-consortium-aims-to-increase-shipping-efficiency/> Dubai-based Zaitoun Green Shipping has initiated, together with world leading companies in smart technology and solutions, a consortium to collaborate on radically improving performance of container ships and forming a new business model for this market.

Hoist the Mainsail! Shipowners Use Wind Again to Cut Emissions. *By Ellen Milligan. Bloomberg*. 31 August 2018. Available from: <https://www.bloomberg.com/news/articles/2018-08-31/hoist-the-mainsail-shippers-get-bold-as-c02-pressures-intensify> Hoist the mainsail -- a thing that looks like a giant vertical pipe -- and switch on your battery the size of a small bus: merchant shippers are trying out bold new approaches in their battle to improve environmental performance against a backdrop of mounting regulatory pressure.

New website on climate change adaptation for coastal transport. *United Nations Conference on Trade and Development (UNCTAD)*. 31 August 2018. Available from: <http://unctad.org/en/pages/newsdetails.aspx?OriginalVersionID=1842> UNCTAD has created a new website – SIDSport-ClimateAdapt – dedicated to the issue of climate change impacts and adaptation for critical coastal transport infrastructure, such as seaports and airports, in Caribbean small island developing states (SIDS).

Share of Iran's goods transported by sea hits 90%. *Islamic Republic News Agency - IRNA (Iran)*. 3 September 2018. Available from: <http://www.irna.ir/en/News/83021633> Deputy Head of Maritime Affairs of Iran's Ports and Maritime Organization said the volume of goods transported in Iran by the sea reached 90 percent, while the world's average is 80 percent by sea, reaching 10 billion tons in 2017.

Lavish Opening Ceremony Sets the Scene for SMM 2018. *World Maritime News*. 4 September 2018. Available from: <https://worldmaritimeneeds.com/archives/259992/lavish-opening-ceremony-sets-the-scene-for-smm-2018/> The fully packed city hall was addressed by Secretary General of the International Maritime Organization (IMO), Kitack Lim.

German shipping shrinks from the global stage. *Splash 247.com*. 4 September 2018. Available from: <https://splash247.com/german-shipping-shrinks-from-the-global-stage/> The German market share of the world's merchant fleet has dropped from 8.3% in 2008 to 5.9% today.

ICS' Poulsson keen to engage oil companies on low sulphur fuel availability in 2020. *By Marcus Hand. Seatrade Maritime News*. 4 September 2018. Available from: <http://www.seatrade-maritime.com/news/europe/ics-poulsson-keen-to-engage-oil-companies-on-low-sulphur-fuel-availability-in-2020.html> "The industry understands and the IMO secretary general has made it very clear there will be no postponement of this legislation despite there are some serious challenges," Poulsson said at the opening press conference for SMM 2018 in Hamburg.

A new perspective on alternative fuels: DNV GL launches Alternative Fuels Insight (AFI) platform.

By Nikos Späth. *DNV GL*. 4 September 2018. Available from:

<https://www.dnvgl.us/news/a-new-perspective-on-alternative-fuels-dnv-gl-launches-alternative-fuels-insight-afi-platform-128472> "Alternative fuels and propulsion technologies should be on the radar of every shipowner, especially those in the market for a newbuilding in the near future," says Knut Ørbeck-Nilssen, CEO of DNV GL – Maritime. [Alternative Fuels Insight](#)

Shipping industry under time growing pressure to complete environmental reforms: IMO official.

By Mu Xuequan. *Xinhuanet (China)*. 4 September 2018. Available from:

http://www.xinhuanet.com/english/2018-09/04/c_137444631.htm The global shipping industry is under growing time pressure to ensure its compliance with looming new environmental regulations, Kitack Lim, secretary-general of the International Maritime Organization (IMO) warned on Tuesday.

Full speed ahead for Triton 5 project.

All About Shipping. 4 September 2018. Available from:

<http://www.allaboutshipping.co.uk/2018/09/04/full-speed-ahead-for-triton-5-project> It will be the fifth edition of Project Triton, an initiative with the aim of awakening in children their interest in the world of shipping – through an early stimulus that gives them basic but fundamental knowledge to develop their awareness of the industry.

Bad bunker risk to rise in 2020, bunker suppliers must be accountable: BIMCO.

By Esther Ng. *S&P Global Platts*. 5 September 2018. Available from:

<https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/090518-bad-bunker-risk-to-rise-in-2020-bunker-suppliers-must-be-accountable-bimco> The world's largest shipping association, the Baltic and International Maritime Council, or BIMCO, has called on bunker states to take responsibility when suppliers hosted in their state are caught supplying bad fuel.

Dirty secrets: tainted shipping fuel sparks calls for tighter quality control.

By Roslan Khasawneh. *Reuters*. 5 September 2018. Available from:

<https://uk.reuters.com/article/us-shipping-fueloil-imo/dirty-secrets-tainted-shipping-fuel-sparks-calls-for-tighter-quality-control-idUKKCN1LL0Q9> The calls are shining a light on the notoriously opaque shipping fuel sector, where any contamination can spread quickly and be difficult to trace back to its source.

ONE opts for hybrid fuel, not scrubbers.

Maritime Executive. 5 September 2018. Available from:

<https://www.maritime-executive.com/article/one-opts-for-hybrid-fuel-not-scrubbers> Japanese ocean carrier ONE says that it will opt for low-sulfur "hybrid" fuel to satisfy the requirements of the IMO 2020 sulfur emissions regulations, and will evaluate scrubbers and LNG as alternative options going forward.

The Leading Maritime Nations of the World 2018.

Menon Economics. 5 September 2018.

Available from: <https://bit.ly/2ye8tXH> DNV GL and Menon Economics are proud to present the

["Leading Maritime Nations of the World" 2018](#) [Presentation of the Study](#)

Gmec at SMM: Shipping industry heads for climate protection.

SMM. 6 September 2018.

Available from: <https://www.smm-hamburg.com/en/press-service/press-service/news/press-release/article/gmec-auf-der-smm-schiffahrt-nimmt-kurs-auf-klimaschutz/> "We are at the beginning of a new chapter in the history of shipping," said Tian-Bing Huang, Deputy Director - Marine Environment Division at the International Maritime Organization (IMO).

Marine fuel to become a significant source of demand for LNG.

By Andrew Buckland.

Wood Mackenzie. 6 September 2018. Available from: <https://www.woodmac.com/our-expertise/capabilities/gas-and-lng/gastech/marine-fuel-to-become-a-significant-source-of-demand-for-lng/>

LNG bunkers are scaling up to meet demand from the big three shipping sectors -

containers, dry bulk and tankers.

Great Yarmouth stranded *Malaviya Twenty* ship put up for sale. *BBC News*. 6 September 2018. Available from: <https://www.bbc.co.uk/news/uk-england-norfolk-45422301> The *Malaviya Twenty* has been stuck in Great Yarmouth in Norfolk since June 2016 due to legal wrangles and is now being sold by the Admiralty Marshal.

New report: "China's strength is overwhelming". By Niklas Krigslund. *ShippingWatch*. 7 September 2018. Available from: <https://shippingwatch.com/secure/carriers/article10854815.ece> A new report concludes that China is the world's leading shipping nation, ahead of countries such as the US, Japan and Singapore.

Malta Maritime Summit 2018 provides platform for the promotion of change. By Paul Cocks. *Malta Today*. 10 September 2018. Available from: https://www.maltatoday.com.mt/business/business_news/89378/malta_maritime_summit_2018_provides_platform_for_the_promotion_of_change Promoting dialogue and debate about the strategies, opportunities, responsibilities and challenges in today's multi-faceted maritime world is the primary aim of the second edition of the Malta Maritime Summit which will be held between 1 and 5 October at the Grand Hotel Excelsior.

Cyber-loss costs now exceed those of natural disasters, reinsurer warns maritime. By Jon Guy. *Fairplay*. 10 September 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4306241/cyber-loss-costs-now-exceed-those-of-natural-disasters-reinsurer-warns-maritime> The world's reinsurers have warned global business to address the threat from cyber attacks and said insurers must innovate.

Maritime UK Week is being held 10 - 16 September. *Maritime UK*. 10 September 2018. Available from: <https://www.maritimeuk.org/week/> Maritime UK Week is an opportunity to shine a spotlight on the maritime sector, its role and future.

Mombasa to host over 300 economists for Maritime Conference. *Capital FM (Kenya)*. 10 September 2018. Available from: <https://www.capitalfm.co.ke/business/2018/09/mombasa-to-host-over-300-economists-for-maritime-conference/> The conference, which will be hosted in Kenya for the first time, will be held at the Pride Inn Hotel in Shanzu Mombasa from Tuesday to Friday this week.

The GoodShipping Program achieves first fossil-free ocean freight transport for its customers. *GoodShipping Program*. 10 September 2018. Available from: <https://goodshipping.org/2018/09/10/first-ever-fossil-free-ocean-freight-transport/> On behalf of our first five customers, we have bunkered the first batch of biofuels into a container vessel that otherwise would have entirely run on fossil fuels.


Bimco: Shipowners must take their own precautions for bad bunker. By Louise Vogdrup-Schmidt. *ShippingWatch*. 10 September 2018. Available from: <https://shippingwatch.com/secure/carriers/article10858702.ece> Shipowners need to take their share of responsibility in the cases concerning bad bunker, says Bimco, one of the world's largest shipping associations, after months news stories emerging about shipping companies who have had their engines ruined and have experienced operating problems after tanking bad bunker.

Shipping's energy transition stifled by fuel business models. By Anastassios Adamopoulos. *Lloyd's List*. 10 September 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124165/Shipplings-energy-transition-stifled-by-fuel-business-models> Shipping's transition to cleaner fuels could be hampered by a lack of new business models that to foster the growth of these fuels, according to Teekay Offshore Group chief executive Ingvild Saether.

Carbon taxation for international maritime fuels: Assessing the options. By Ian Parry, Dirk Heine, Kelley Kizzier, and Tristan Smith. *International Monetary Fund (IMF)*.

11 September 2018. Available from:

<http://www.imf.org/en/Publications/WP/Issues/2018/09/11/Carbon-Taxation-for-International-Maritime-Fuels-Assessing-the-Options-46193>

The International Maritime Organization (IMO) announced in April 2018 a target of cutting greenhouse gas (GHG) emissions from the sector by 50 percent below 2008 levels by 2050 and subsequent meetings of the IMO will develop a strategy for making headway on this commitment. [IMF Working Paper](#) 

Fond farewell for ICS secretary general Peter Hinchliffe. By Bob Jaques. *Seatrade Maritime News*. 12 September 2018. Available from: <http://www.seatrade-maritime.com/news/europe/fond-farewell-for-ics-secretary-general-peter-hinchliffe.html>

ICS chairman Esben Poulsen said the turnout reflected the "respect and admiration" in which Hinchliffe was universally held thanks to his "outstanding" years of service as the ICS secretary general, marked by a "grasp of political detail and policy unmatched in the industry."

Shipping is increasingly caught in the trade war line of crossfire. By Peter Sand. *BIMCO*.

12 September 2018. Available from:

https://www.bimco.org/news/market_analysis/2018/20180702_trade_war_overview Once again, the already long list of tariffed goods has been made even longer.

Is shipping finally addressing the gender gap? By Rachel Morgan. *Splash 247.com*.

12 September 2018. Available from: <https://splash247.com/is-shipping-finally-addressing-the-gender-gap/> When a global industry has an industry-wide problem like shipping's glaring gender inequality problem, there is never an easy answer; no quick fix.

Launch of UK Women in Maritime Charter Taskforce. By Felicity Landon.

Seatrade Maritime News. 12 September 2018. Available from: <http://www.seatrade-maritime.com/news/europe/launch-of-uk-women-in-maritime-charter-taskforce.html> Only 2% of the UK's current maritime workforce are women.

New management structure at IBIA. *International Bunker Industry Association (IBIA)*.

12 September 2018. Available from: <http://ibia.net/new-management-structure-at-ibia/>

The International Bunker Industry Association is restructuring to provide a greater diversity of expertise within the secretariat to match IBIA's ambitions and goals.

How shipping has changed since Lehman Brothers collapsed. By Sam Chambers.

Splash 247.com. 13 September 2018. Available from: <https://splash247.com/how-shipping-has-changed-since-lehman-brothers-collapsed/> Around this time 10 years ago I boarded a train from the far southwest of France bound for Hamburg.

Georgian gov't to introduce tax benefits for maritime companies. By Thea Morrison.

Georgia Today. 13 September 2018. Available from: <http://georgiatoday.ge/news/12255/Georgian-Gov%27t-to-Introduce-Tax-Benefits-for-Maritime-Companies> The government of Georgia plans to introduce tax benefits for maritime companies in the Black Sea area of Georgia, specifically the Autonomous Republic of Adjara.

Maersk Line introduces bunker surcharge for 2020 sulfur cap. By Daniel Logan Berg-Munch.

ShippingWatch. 17 September 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10873839.ece> Maersk Line introduces a new bunker adjustment factor in an effort to recover some of the group's costs related to securing compliance with the upcoming 2020 sulfur cap.

ABS Global Gas Team Awarded Classification Contract for Singapore's First LNG Bunker Barge.

ABS (American Bureau of Shipping). 17 September 2018. Available from: <https://ww2.eagle.org/en/news/press-room/abs-awarded-classification-contract-for-singapores-first-lng-bunker-barge.html> "This project is an important milestone for the region and is a key component of Singapore's strategy to become the world's largest bunkering port," said ABS Vice President Global Gas Solutions, Patrick Janssens.

Research team works towards safer and more cost-effective crewing. *Hellenic Shipping News*. 18 September 2018. Available from: <https://www.hellenicshippingnews.com/research-team-works-towards-safer-and-more-cost-effective-crewing/> At this year's World Maritime Day on 27 September, the International Maritime Organization will celebrate its 70th birthday by addressing challenges in maritime transport in order to work towards continued growth in the industry.

Shippers Council, UNCTAD to appraise maritime development in Nigeria, others.

By Yusuf Babalola. *Leadership (Nigeria)*. 18 September 2018. Available from: <https://leadership.ng/2018/09/18/shippers-council-unctad-to-appraise-maritime-development-in-nigeria-others/> The Nigerian Shippers Council (NSC) has said it is set to appraise the state of maritime transportation in West and Central Africa.

Portugal joins WISTA International. *Women's International Shipping & Trading Association (WISTA)*. 18 September 2018. Available from:

https://www.wista.net/en/news/news/news_id,2657/portugal-joins-wista-international "WISTA International has had a strong relationship with Portugal's women in shipping," said WISTA International President Despina Panayiotou Theodosiou.

Portugal Shipping Week. *Portugal Shipping Week*. September 2018. Available from:

<https://portugalshippingweek.com/conference-live/> 

Maersk accused of blatant profiteering from its sulphur cap surcharge. **By Sam Chambers.**

Splash 247.com. 19 September 2018. Available from: <https://splash247.com/maersk-accused-of-blatant-profiteering-from-its-sulphur-cap-surcharge/> The crescendo of shipper criticism aimed at Maersk for its sulphur cap surcharge, announced on Monday, continues to reverberate.

Digital Data Sharing: The ignored opportunity for making global maritime transport chains more efficient. *United Nations Conference on Trade and Development (UNCTAD)*.

19 September 2018. Available from: <http://unctad.org/en/pages/newsdetails.aspx?OriginalVersionID=1850> Since the beginning of civilization, maritime transport for the exchange of goods has been the backbone of economic prosperity.

Where are the metrics for morale in shipping? **By Michael Grey.** *Seatrade Maritime News*.

19 September 2018. Available from: <http://www.seatrade-maritime.com/news/europe/metrics-for-morale.html> What contribution does morale make to the prosperity of any ship, company or institution?

Interview: BIMCO aims for standard form for non-compliant marine fuel use.

By Sameer C. Mohindru. *S&P Global Platts*. 20 September 2018. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/092018-interview-bimco-aims-for-standard-form-for-non-compliant-marine-fuel-use> Shipping association BIMCO and other organizations are working closely with the International Maritime Organization to ensure a standard procedure for ships to use high sulfur fuel if compliant alternatives are not available at a port once the IMO sulfur cap comes into effect on January 1, 2020, a senior executive said Wednesday.

Sulphur cap could be golden opportunity for shipowners. By Vincent Wee.

Seatrade Maritime News. 20 September 2018. Available from: <http://www.seatrade-maritime.com/news/asia/sulphur-cap-could-be-golden-opportunity-for-shipowners.html> While there was some discussion as to whether owners would actually consider using scrubbers and the merits or otherwise of doing so, the broad thrust of the forum, certainly from the owners and operators side of the room, seemed to be directed towards the prospect of rate rises.

Industry heavyweights fire salvo into sulphur compliance crisis. By Anastassios

Adamopoulos and Richard Meade. *Lloyd's List*. 20 September 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124310> Shipowners and industry operators who have invested billions of dollars to prepare for a hard start to the 2020 sulphur cap rules fear an attempt is being made to push back on the regulation's implementation.

Shipping lobby proposes phased start to historic fuel change. By Prejula Prem, Alex Longley, and Jack Wittels.

Bloomberg. 21 September 2018. Available from: <https://www.bloomberg.com/news/articles/2018-09-21/shipping-lobby-presses-for-phased-start-to-historic-fuel-change> The shipping industry is pressing for a phased start when tough new rules governing vessel fuel get under way in fewer than 16 months' time.

Baffled by Maersk's BAF. *Splash 247.com*. 21 September 2018. Available from:

<https://splash247.com/baffled-by-maersks-baf/> It is no wonder that Monday's announcement by Maersk Line that it will bring in a new sulphur cap surcharge from the start of next year has garnered so many column inches on this site this week.

Feature: Bunkering sector mulls biofuel use in new 2020 sulfur standards. By Emma Kettley, George Griffiths, and Tamara Sleiman.

S&P Global Platts. 21 September 2018. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/092118-feature-bunkering-sector-mulls-biofuel-use-in-new-2020-sulfur-standards> As the bunkering industry gears up for the International Maritime Organization's tighter sulfur emission standards from 2020, some market participants have been promoting the blending of biofuels as one possible way of reducing emissions.

Keeping up with the tariffs: Tracking the 'Shipping Context'. By Sarah Holden. *Clarksons Shipping Intelligence Network*. 21 September 2018. Available from:

<https://sin.clarksons.net/News/Article/131723> This week, the US announced that further tariffs on a wide range of imports from China will come into force from Monday, with China confirming retaliatory measures.

Contaminated fuel is poisoning global shipping. By David Soud, Ian Ralby, and Rohini Ralby.

Atlantic Council. 23 September 2018. Available from: <http://www.atlanticcouncil.org/blogs/energysource/contaminated-fuel-is-poisoning-global-shipping> At least 200 merchant ships around the world have suffered serious, sometimes complete engine failure in recent months.

2020 sulphur cap. *Mediterranean Shipping Company (MSC)*. 24 September 2018. Available from:

<https://www.msc.com/che/news/2018-september/2020-sulphur-cap> Improving the environmental performance of the container shipping supply chain is a common goal shared by shipping lines, shippers, freight forwarders and non-vessel operating common carriers, as well as governments, regulators, and the public around the world.

European Maritime Single Window: ESPO wants more ambition on the harmonisation of data, while maintaining flexibility in reporting systems. *European Sea Ports Organisation (ESPO)*.

24 September 2018. Available from: <https://www.espo.be/news/european-maritime-single-window-espo-w> ESPO welcomes the Commission's proposal for a Regulation establishing a European Maritime Single Window environment (COM2018 278 final).

Low sulphur IMO 2020 regulation. *CMA CGM*. 24 September 2018. Available from: <http://www.cma-cgm.com/news/2212/low-sulphur-imo-2020-regulation> The new International Maritime Organization (IMO) Low Sulphur Regulation will be effective from 1 January 2020 and will require all shipping companies to reduce their Sulphur emissions by 85%.

Opinion: How the perishables industry can reduce risks associated with slow steaming. By **Rafael Guarda Martínez**. *Fresh Fruit Portal*. 24 September 2018. Available from: <https://www.freshfruitportal.com/news/2018/09/24/opinion-the-effects-of-slow-steaming-on-transport-of-perishables/> Recent announcements issued by some shipping companies have revealed the application of the "Slow Steaming", "Speed Reduction" or "Slow Navigation" model on freight transport.

Looking ahead to renewable fuels. *The Motorship*. 25 September 2018. Available from: <http://www.motorship.com/news101/fuels-and-oils/looking-ahead-to-renewable-fuels2> The IMO greenhouse gas target "has the potential to change the price of transport, and the shipping world", says Gerd-Michael Würsig, business director alternative fuels, DNV GL.

Dakuku re-elected AAMA Chairman. By **Isichei Osamgbi**. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 26 September 2018. Available from: <http://www.nimasa.gov.ng/press-center/post/dakuku-re-elected-aama-chairman> The Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA) Dr. Dakuku Peterside has been re-elected the Chairman of the Association of African Maritime Administration (AAMA) for another term.

Africa, and the world, need safer seas and shipping. By **Timothy Walker**. *Institute for Security Studies (ISS)*. 26 September 2018. Available from: <https://issafrica.org/iss-today/africa-and-the-world-need-safer-seas-and-shipping> Most of the world's trade is by sea, but this has not made it any easier to achieve safer and environmentally friendly shipping, or good labour standards for all seafarers.

Maersk rejects customers' criticism of new surcharge. By **Katrine Grønvald Raun and Niklas Krigslund**. *ShippingWatch*. 27 September 2018. Available from: <https://shippingwatch.com/secure/carriers/article10899090.ece> Maersk Line maintains that its new bunker adjustment factor (BAF), set to come into force for customers by the turn of the year, is both fair and easy to understand.

Industry big hitters form IMO 2020-focused scrubber advocacy group. *Ship & Bunker*. 27 September 2018. Available from: <https://shipandbunker.com/news/world/160345-industry-big-hitters-form-imo-2020-focused-scrubber-advocacy-group> A number of influential industry stakeholders have joined forces to promote marine Exhaust Gas Cleaning Systems (EGCS) as a compliance solution for IMO 2020 global sulfur cap.

What keeps crew managers up at night? By **Nikos Gazelidis**. *Seatrade Maritime News*. 27 September 2018. Available from: <http://www.seatrade-maritime.com/news/europe/what-keeps-crew-managers-up-at-night.html> Arranging the travel of a vessel's crew is not the only job of a crew manager.

The Impact of the E-Commerce Boom on Maritime Logistics. By **Ken Wood**. *Maritime Executive*. 27 September 2018. Available from: <https://maritime-executive.com/editorials/the-impact-of-the-e-commerce-boom-on-maritime-logistics> In today's world of ocean shipping, many carriers have looked to technology to improve day-to-day operations-going beyond legacy systems and manual processes and moving towards more modern, effective and flexible technology solutions.

BIMCO fast-tracks sulphur cap compliance clause. By Mark Fuechec. *Lloyd's List*.

27 September 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1124394/BIMCO-fasttracks-sulphur-cap-compliance-clause> BIMCO, the international shipping association representing shipowners, has fast-tracked the review process for a clause concerning compliance to the International Maritime Organization's 2020 sulphur cap legislation.

Efficiency gains shipping is missing out on. By Simin Ngai. *Fairplay*. 28 September 2018.

Available from: <https://fairplay.ihs.com/commerce/article/4306926/efficiency-gains-shipping-is-missing-out-on> Shipping is unaware that it could reap large savings by investing in technical efficiency, Giulio Gennaro, CEO of Singapore-based engineering consultant, 1888 Gennaro Consulting, has told Fairplay.

This is why DNV GL sees environmental shipowners as winners. By Søren Pico.

ShippingWatch. 28 September 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10880678.ece> Shipping companies that are not already now thinking to buy low-carbon vessels when renewing their fleet could face significant competitive challenges in the future.

Chevron Marine Lubricants launches 2020 ready lubricant range. *Chevron*. September 2018.

Available from: https://www.chevronmarineproducts.com/en_UK/choose-chevron/news-media-releases-latest/Chevron-Marine-Lubricants-launches-2020-ready-lubricant-range.html

Chevron Marine Lubricants has developed a brand-new range of cylinder lubricants compatible with virtually all available global sulphur cap 2020 compliance options.

16 expert presentations from SMM 2018. *DNV GL*. September 2018. Available from:

<https://www.dnvgl.com/maritime/webinars-and-videos/videos/dnv-gl-forum-presentations-smm.html>

Once again, we held the DNV GL Forum at SMM 2018, offering a broader view on the latest technologies, market conditions and challenges of the maritime world.

RESEARCH

Stopping the flood: could we use targeted geoengineering to mitigate sea level rise?

By M. J. Wolovick, J. C. Moore. *The Cryosphere*. (2018). Available from: <https://www.the-cryosphere.net/12/2955/2018/> The Marine Ice Sheet Instability (MISI) is a dynamic feedback that can cause an ice sheet to enter a runaway collapse.

Climatic responses to future trans-Arctic shipping. By S. R. Stephenson, W. Wang et al.

Geophysical Research Letters. (2018). Available from: <https://doi.org/10.1029/2018GL078969>

As global temperatures increase, sea ice loss will increasingly enable commercial shipping traffic to cross the Arctic Ocean, where the ships' gas and particulate emissions may have strong regional effects.

To subscribe or unsubscribe, send an email with your contact details to:
maritimeknowledgecentre@imo.org

About the cover

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