



INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE (MKC)

“Sharing Maritime Knowledge”

CURRENT AWARENESS BULLETIN

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

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About the MKC Current Awareness Bulletin (CAB)

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

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

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IMO NEWS & EVENTS

WHAT'S NEW

Rescue diver from China who saved three from sunken cargo ship to be recognized with IMO bravery accolade

A rescue diver from China who made a series of underwater dives to rescue three people from a sunken cargo ship will receive the 2018 IMO Award for Exceptional Bravery At Sea.

A Panel of Judges decided that the rescue merited the highest award. The decision was endorsed by the IMO Council at its 120th session in London (2-5 July).

Following a collision with another ship, in Guangzhou Port, China, in the early morning of 27 November 2017, the bulk carrier M.V. Jin Ze Lun sank. Of the 14 crew on board, two were immediately rescued by local maritime authorities but 12 remained missing. The bulk carrier was lying on the seabed, in the main channel into the port. A strong current would make the underwater search and rescue operation extremely difficult.

Mr. Zhong Haifeng, senior diver and deputy of the Engineering Team of Guangzhou Salvage was put in charge of the desperate search for survivors. After 36 hours of repeated dives, six survivors were located - trapped in the cargo hold. Mr. Zhong instructed his team to replenish oxygen to the cabin and talk to the trapped survivors, to calm them. [See More](#)

IMO MEETINGS FOR 2018

LATEST PRESS BRIEFINGS

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

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

IMO PUBLISHING [Just Published 2018](#) [July 2018 Newsletter](#)

UNITED NATIONS

'Pioneering' former Chilean President Michelle Bachelet officially appointed new UN human rights chief. *UN News*. 10 August 2018. Available from: <https://news.un.org/en/story/2018/08/1016782> Minutes after she was approved, UN chief Antonio Guterres told reporters he was "delighted" by the news of her official appointment as Ms. Bachelet, a "pioneer", has been "as formidable a figure in her native Chile, as she has at the United Nations".

UN mourns death of former Secretary-General Kofi Annan, 'a guiding force for good'. *UN News*. 18 August 2018. Available from: <https://news.un.org/en/story/2018/08/1017422>;  Mr. Annan was the seventh man to take the helm of the global organization and the first Secretary-General to emerge from the ranks of its staff.

UN remembers Kofi Annan: A leader who put people at the centre of the Organization's work. *UN News*. 22 August 2018. Available from: <https://news.un.org/en/story/2018/08/1017592>  During a wreath-laying ceremony in New York, the current UN chief António Guterres led staff members in paying respects to the mild-mannered diplomat from Ghana who rose through the UN system to become its seventh leader in January 1997, serving two consecutive five-year terms.

2030 Agenda for Sustainable Development. *UN Chronicle*. 2018. Available from: <https://unchronicle.un.org/issue/2030-agenda> This issue focuses on the 2030 Agenda for Sustainable Development, a plan of action for people, planet and prosperity, which commits United Nations Member States to work towards a sustainable future for all.

CASUALTIES

Oil leaked from grounded vessel off Sweden. *Safety4Sea*. 30 July 2018. Available from: <https://safety4sea.com/oil-leaked-from-grounded-vessel-off-sweden/> On Monday 23 July, the Panama-flagged 139-meter ship was en route from Germany's port of Cuxhaven to the Swedish port of Sodertalje, south of Stockholm, loaded with approximately 1,325 vehicles, when it ran aground in an archipelago north of Vastervik on the Baltic Sea.

Swedish coast guard works to clean up 14,000-litre oil spill. *The Local (Sweden)*. 30 July 2018. Available from: <https://www.thelocal.se/20180730/swedish-coastguard-oil-spill-freight-ship> The 139-metre freight ship *Makassar Highway* first ran aground on July 23rd and began leaking oil.

Leaking K Line car carrier under tow. By Jason Jiang. *Splash 247.com*. 1 August 2018. Available from: <https://splash247.com/leaking-k-line-car-carrier-under-tow/>  The Swedish Coast Guard has started to tow the K Line car carrier *Makassar Highway*, after the ship ran hard aground near the south coast of Sweden early last week.

Grounded Ro/Ro towed to harbor at Oskarshamn. *Maritime Executive*. 1 August 2018. Available from: <https://www.maritime-executive.com/article/grounded-ro-ro-towed-to-harbor-at-oskarshamn> After the discovery of serious damage and cracks to the hull of the grounded ro/ro *Makassar Highway*, the Swedish Coast Guard has permitted an emergency tow to bring the stricken vessel to port at Oskarshamn.

Indian Coast Guard saves passenger freighter from flooding. *Maritime Executive*. 2 August 2018. Available from: <https://www.maritime-executive.com/article/indian-coast-guard-saves-passenger-freighter-from-flooding> On Wednesday, the Indian Coast Guard rescued 343 passengers and crew from the ferry *Swaraj Dweep* after a serious flooding incident.

Viewpoint: Mind in neutral. By Michael Grey. *Lloyd's List*. 2 August 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1123588> Why on earth do well-found ships, properly manned by certificated officers and crews, manage to run aground or collide, in circumstances that seem to defy rational explanation?

Human errors are behind most oil-tanker spills. By Zheng Wan and Jihong Chen. *Nature*. 6 August 2018. Available from: <https://www.nature.com/articles/d41586-018-05852-0> In January, the oil tanker *Sanchi* collided with a cargo vessel in the East China Sea, 300 kilometres off Shanghai, China.

Year-long investigation into Sewol ferry fizzles out. *Yonhap News Agency (South Korea)*. 6 August 2018. Available from: http://m.yna.co.kr/mob2/en/contents_en.jsp?cid=AEN20180806007700320&site=0200000000&mobile A state panel assigned to investigate the 2014 *Sewol* ferry disaster failed to pinpoint the exact cause of the ship's sinking after a yearlong effort, it was announced Monday, leaving many unanswered questions behind one of South Korea's worst maritime tragedies.

Drunk Master suspected as ship runs aground off Sweden. *Safety4Sea*. 6 August 2018. Available from: <https://safety4sea.com/drunken-master-suspected-as-ship-runs-aground-off-sweden/> The ship was loaded with 5000 tonnes of wheat, when it grounded last Friday, heading to the port of Helsingborg.

Boxship, LPG tanker damaged in collision off Gibraltar. *World Maritime News*. 7 August 2018. Available from: <https://worldmaritimeneews.com/archives/258464> According to the UK Marine Accident Investigation Branch (MAIB), the 52,000 dwt boxship *ANL Wyong* and the 5,312 dwt tanker *King Arthur* clashed while they were some 4 miles south east of Gibraltar.

SFI's fire-stricken super tanker taken under tow. *World Maritime News*. 7 August 2018. Available from: <https://worldmaritimeneews.com/archives/258457> The ship suffered an engine room fire on August 5 while anchored near Chiba Prefecture, Japan, fully loaded as it was pending docking in Chiba.

Hit-and-run ship may have to face IPC charges. By K.S.Sudhi. *The Hindu (India)*. 7 August 2018. Available from: <https://www.thehindu.com/news/national/kerala/hit-and-run-ship-may-have-to-face-ipc-charges/article24626845.ece> Those responsible for the maritime accident involving the fishing vessel *Oceanic* and a merchant vessel off Thrissur will be tried under the Indian Penal Code (IPC) as the accident took place in the Exclusive Economic Zone (EEZ) of the country.

Preliminary Report: Marine DCA18MM028. *US National Transportation Safety Board (NTSB)*. 7 August 2018. Available from: <https://www.nts.gov/investigations/AccidentReports/Pages/DCA18MM028-prelim.aspx> On Thursday, July 19, 2018, about 7:05 p.m. central daylight time, the amphibious passenger vessel *Stretch Duck 7* owned and operated by Ride the Ducks Branson sank in Table Rock Lake, near Branson, Missouri. [Report](#) 

Odfjell COO: We will compensate for Bow Jubail oil spill losses in full. *World Maritime News*. 7 August 2018. Available from: <https://worldmaritimeneews.com/archives/258467> Odfjell was approached by World Maritime News following reports that the Port of Rotterdam Authority had launched legal proceedings to recover EUR 28 million in cleanup costs following the bunker spill.

MV Desh Shakti involved in Kochi fishing boat collision is one of SCI's largest tankers.

New Indian Express. 8 August 2018. Available from:

<http://www.newindianexpress.com/states/kerala/2018/aug/08/mv-desh-shakti-involved-in-kochi-fishing-boat-collision-is-one-of-scis-largest-tankers-1854725.html>

MV Desh Shakti, the vessel suspected to be involved in a collision with a fishing boat off Kochi early on Tuesday, is one of the largest crude oil tankers in the country with home port in Mumbai.

Fatigue led to capsizing of fishing ship and \$27,200 fine. *Maritime New Zealand*.

8 August 2018. Available from: <https://www.maritimenz.govt.nz/public/news/media-releases-2018/20180808a.asp>

Maritime NZ Northern Regional Manager, Neil Rowarth, said the sole helmsman at the time of the grounding, a 17-year-old deckhand, fell asleep soon after going on watch in the early hours of 11 January 2016.

Cecilie Maersk collides with fishing vessel. *World Maritime News*. 9 August 2018.

Available from: <https://worldmaritimeneews.com/archives/258596/cecilie-maersk-collides-with-fishing-vessel/> The fishing vessel, identified as *Le Puffin*, reportedly had five crew members on board, who were picked up by the ship after the incident.

Another body found after hit and run incident off India. *World Maritime News*.

13 August 2018. Available from: <https://worldmaritimeneews.com/archives/258753> According to local media, the body of the Kerala fisherman was found in waters off Chettuva village, Kerala, on Saturday by a fishing boat.

Crew flee fire on Shipping Corp of India VLCC. By Andy Pierce and Adam Corbett.

TradeWinds. 14 August 2018. Available from:

<http://www.tradewindsnews.com/casualties/1554962/crew-flee-fire-on-shipping-corp-of-india-vlcc>

Three people are missing after an explosion on a Shipping Corp of India VLCC off the coast of Muscat, the company has confirmed.

Contaminated bunker may have caused Thorco accident. By Niklas Krigslund. *ShippingWatch*.

14 August 2018. Available from: <https://shippingwatch.com/secure/carriers/article10801344.ece?>

Contaminated bunker may have caused a grounding of a Thorco ship in the southern Pacific this summer.

SCI tanker crew detained in hit-and-run, VLCC explosion contained. By Simin Ngai. *Fairplay*.

16 August 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4305436/sci-tanker-crew-detained-in-hit-and-run-vlcc-explosion-contained>

Following this week's reports of a tank explosion on board the very large crude carrier (VLCC) *Desh Vaibhav*, another oil tanker owned by the Shipping Corporation of India (SCI) has been implicated in a hit-and-run accident that took place last week.

Bulgaria budgets 2.4M leva to drain tanks of oil spill shipwreck off Sozopol. *Sofia Globe*

(*Bulgaria*). 23 August 2018. Available from: <https://sofiaglobe.com/2018/08/22/bulgaria-budgets-2-4m-euro-to-drain-tanks-of-oil-spill-shipwreck-off-sozopol/>

Bulgarian Transport Minister Ivailo Moskovski said on August 22 that an operation to drain heavy fuel oil from the *Mopang* shipwreck off Sozopol on the Black Sea coast "could start even today".

Passenger ship that ran aground in Nunavut has been refloated, company says.

Canadian Broadcasting Corporation (CBC). 25 August 2018. Available from:

<https://www.cbc.ca/news/canada/north/kugaaruk-passenger-ship-refloated-arctic-1.4799050>

A passenger ship that ran aground Friday morning in the Far North has been refloated.

Investigators, experts ask questions after ship grounded in Arctic. By Katie Toth.

Canadian Broadcasting Corporation (CBC). 28 August 2018. Available from:

<https://www.cbc.ca/news/canada/north/investgiators-kugaaruk-nunavut-ship-run-aground-1.4801273>

Investigators are on their way to Kugaaruk, Nunavut, after a passenger boat ran aground in the area.

Carnival cruise ship crashes into dock on Manhattan's West Side, causing damage: Officials. *NBC New York*. 28 August 2018. Available from: <https://www.nbcnewyork.com/news/local/Carnival-Cruise-Ship-Collides-With-Dock-on-Manhattans-West-Side-Officials-491888761.html> A Carnival cruise ship crashed into a dock on the west side of Manhattan, leaving the structure with some damage but causing no injuries, officials said.

UPDATE: Coast Guard investigating cruise ship *Carnival Horizon* allision in Manhattan. *United States Coast Guard*. 28 August 2018. Available from: <https://content.govdelivery.com/accounts/USDHSCG/bulletins/209428c> The Coast Guard clears the *Carnival Horizon* to sail and continues to investigate an allision between the cruise ship and Pier 90 at the Manhattan Cruise Terminal, Tuesday.

Greek ferry evacuated after fire breaks out. By Harry Papachristou. *TradeWinds*. 29 August 2018. Available from: <http://www.tradewindsnews.com/legal/1566274/greek-ferry-evacuated-after-fire-breaks-out> Almost 1,000 passengers and crew were evacuated from a Greek ferry early this morning after a fire broke out onboard at mid-sea.

Mystery of the cargo ships that sink when their cargo suddenly liquefies. **By Susan Gourvenec.** *The Conversation*. 29 August 2018. Available from: <https://theconversation.com/mystery-of-the-cargo-ships-that-sink-when-their-cargo-suddenly-liquefies-101158> Think of a dangerous cargo and toxic waste or explosives might come to mind.

Greek passenger ferry docks at Piraeus after fire; no injuries reported. **By Alkis Konstantinidis and Vassilis Triandafyllou.** *Reuters*. 29 August 2018. Available from: <https://www.reuters.com/article/us-greece-ferry-fire/greek-passenger-ferry-docks-at-piraeus-after-fire-no-injuries-reported-idUSKCN1LE01Y> A passenger ferry with 1,016 people onboard returned safely to the port of Piraeus in the early hours on Wednesday after it reported a fire while en route to Crete, the Greek coast guard said.

Video: Fire on Greek ferry forces evacuation. *Maritime Executive*. 29 August 2018. Available from: <https://maritime-executive.com/article/video-fire-on-greek-ferry-forces-evacuation> Just after midnight on Tuesday, a fire broke out on the vehicle deck of the ferry *Eleftherios Venizelos* as she was under way from Piraeus to Chania with over 1,000 passengers and crew on board.

YM Efficiency highlights SOLAS concerns. By David Sexton. *DCN - Daily Cargo News (Australia)*. 30 August 2018. Available from: <http://www.thedcn.com.au/ym-efficiency-reveals-highlights-solas-concerns/> Some 321 containers on board the embattled vessel *YM Efficiency* were mis-declared and stowed incorrectly, a forum in Melbourne's western suburbs has heard.

ENVIRONMENT

Polar bear shot dead after attacking cruise ship guard. *BBC News*. 29 July 2018. Available from: <https://www.bbc.com/news/world-europe-44996873> The guard suffered non-life-threatening head injuries and is said to be in a stable condition.

Marine environment watch second phase starts. *Gulf Times (Qatar)*. 29 July 2018. Available from: <http://www.gulf-times.com/story/601095/Marine-environment-watch-second-phase-starts> The Ministry of Municipality and Environment began the second phase of the field observation of the marine environment in Qatar for the year 2018, part of the environmental monitoring plan for air, water and soil in the country.

Information about the current incident in Spitzbergen - *MS BREMEN*. *Hapag-Lloyd Cruises*. 30 July 2018. Available from: <https://bit.ly/2MLqiaB> This Saturday on a trip ashore in Spitsbergen during a *BREMEN* cruise an incident occurred: a polar bear guard - an expert employed by the cruise line - was attacked on land by a polar bear.

AECO statement on polar bear incident in Svalbard. *Association of Arctic Expedition Cruise Operators (AECO)*. 30 July 2018. Available from: <https://www.aeco.no/2018/07/aeco-statement-on-polar-bear-incident-in-svalbard/> Saturday July 28, a polar bear was shot dead in Svalbard after attacking a cruise ship's polar bear guard.

Unexplored blue economy in India. **By Sheetal Banchariya.** *Times of India*. 6 August 2018. Available from: <https://timesofindia.indiatimes.com/home/education/news/unexplored-blue-economy-in-india/articleshow/65292887.cms> Blue economy is all about economic activities dependent on marine resources.

Fiery summer a gauge of our planet's health. *United Nations Environment Programme (UNEP)*. 14 August 2018. Available from: <https://www.unenvironment.org/news-and-stories/story/fiery-summer-gauge-our-planets-health> 📰 The summer of 2018 has seen near-record heatwaves and a series of fast-spreading wildfires which have caused numerous deaths, destruction of property and the burning millions of acres of forest.

New partnership formed for a sustainable pacific environment. *Global Green Growth Institute*. 23 August 2018. Available from: <http://gggi.org/new-partnership-formed-for-a-sustainable-pacific-environment/> The Secretariat of the Pacific Regional Environment Programme (SPREP) and the Global Green Growth Institute (GGGI) today signed a Memorandum of Understanding on the sidelines of the Clean Pacific Roundtable and associated events this week in Suva, Fiji.

Ocean and climate change: Time for a new wave of energy. **By Karmenu Vella.** *European Commission*. 28 August 2018. Available from: https://ec.europa.eu/commission/commissioners/2014-2019/vella/blog/ocean-and-climate-change-time-new-wave-energy-0_en With Summer 2018 beating all weather records across Europe, the topic of global warming is on the minds of many.

The race is on to mine the deep sea - but scientists are wary. **By Jon Letman.** *National Geographic*. 29 August 2018. Available from: <https://www.nationalgeographic.com/environment/2018/08/news-race-to-mine-deep-sea-drones-seafloor-environmental-impact/> Closer than the moon, yet less well-mapped than Mars, the Earth's seafloor is home to otherworldly creatures befitting a science fiction movie.

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 at the Le Méridien Hotel, Pointe aux Piments, Mauritius.

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

ENVIRONMENTAL POLLUTION

Government urged to lobby for stricter air-quality controls. By Ivan Martin.

Times of Malta. 28 July 2018. Available from:

<https://www.timesofmalta.com/articles/view/20180728/local/government-urged-to-lobby-for-stricter-air-quality-controls.685309> As Malta has one of the world's largest registries of heavy polluting ships, a veteran scientist is urging the Maltese government to lobby for stricter air-quality controls.

LNG fuel and the ship emissions debate. By Mike Corkhill. LNG World Shipping.

31 July 2018. Available from: https://www.lngworldshipping.com/news/view,lng-fuel-and-the-ship-emissions-debate_53722.htm The alleged environmental advantages of LNG as one of the three mainstream propulsion fuel options available to shipowners have been called into question of late.

Moore on pricing: The cost of ocean pollution. By Peter Moore. Logistics Management.

31 July 2018. Available from:

https://www.logisticsmgmt.com/article/moore_on_pricing_the_cost_of_ocean_pollution

There are two areas where shippers will feel the effect of the growing water and air pollution problem: freight costs and various taxes and fees.

Expert urges FG to stop shipwreck dumping on Nigeria's coastline. Vanguard (Nigeria).

31 July 2018. Available from: <https://www.vanguardngr.com/2018/07/expert-urges-fg-to-stop-shipwreck-dumping-on-nigerias-coastline/> An environmentalist, Prince David Omaghomi, on Tuesday called for enactment and enforcement of laws against to dumping of wrecked ships on the Nigerian coastline.

Stop polluting maritime environment. By Thelma Abbey. Ghana News Agency.

7 August 2018. Available from: <http://www.ghananewsagency.org/social/stop-polluting-maritime-environment-136776> Mr Richard Quayson, Deputy Commissioner; Commission on Human Right Administrative Justice (CHRJ) on Friday noted that corruption has become a way of life in the country and needed to be urgently checked.

Emergency Procedures: Oil pollution. Safety4Sea. 8 August 2018. Available from:

<https://safety4sea.com/cm-emergency-procedures-oil-pollution/> Double hull tankers have been seen as a measure to minimize oil leakage, while increased controls or the development of marine protected areas worldwide, are some of the solutions aiming to address the issue.

Air pollution crackdown for Indian Ocean shipping. By David Sexton.

DCN - Daily Cargo News (Australia). 10 August 2018. Available from: <http://www.thedcn.com.au/air-pollution-crackdown-for-indian-ocean-shipping/> A 'CONCENTRATED inspection campaign' targeting air pollution from shipping has been announced by Indian Ocean Memorandum of Understanding nation states.

NZ's 'blind eye' to shipping fumes prompts Sounds residents to test the air.

By Alice Angeloni. *Stuff (New Zealand)*. 10 August 2018. Available from:

<https://www.stuff.co.nz/national/105158321/nzs-blind-eye-to-shipping-fumes-prompts-sounds-residents-to-test-the-air> More than a decade after 86 countries signed an agreement to tackle air pollution from ships, is New Zealand finally coming to the table?

Earth has a hidden plastic problem - scientists are hunting it down.

By Andrea Thompson. *Scientific American*. 13 August 2018. Available from:

<https://www.scientificamerican.com/article/earth-has-a-hidden-plastic-problem-scientists-are-hunting-it-down/> During a research cruise to the Sargasso Sea in fall 1971 marine biologist Ed Carpenter first noticed peculiar, white specks floating amidst the mats of brown sargassum seaweed.

Oil spills in the ocean: why the Arctic is particularly vulnerable. By Talal Hussein.

Offshore Technology. 14 August 2018. Available from: <https://www.offshore-technology.com/features/oil-spills-in-the-ocean-arctic/> The Arctic region contains an estimated 13% of the world's undiscovered oil, with one third lying within US territory.

Harmful dumping in Canadian Arctic to double by 2035, new WWF study finds. WWF Canada.

15 August 2018. Available from: <http://www.wwf.ca/newsroom/?uNewsID=28421>
The amount of untreated grey water dumped in Canadian Arctic waters is projected to double by 2035 if left unregulated, this new report commissioned by World Wildlife Fund Canada shows.
[MAP: Grey Water Concentrations](#)

Oil drilling bid for Great Australian Bight prompts debate as industries raise oil spill concerns. By Samantha Jonscher. ABC (Australia).

15 August 2018. Available from: <http://www.abc.net.au/news/2018-08-14/oil-drilling-bid-for-great-australian-bight-not-boring-debate/10115662> In a city that calls itself the seafood capital of Australia, the discussion centres on the future of its greatest asset - The Great Australian Bight.

Clean Cargo Emissions Factors 2018 Report. Business for Social Responsibility (BSR) Clean Cargo Working Group. 16 August 2018. Available from: <https://www.bsr.org/en/our-insights/report-view/clean-cargo-emissions-factors-2018-report> BSR's Clean Cargo Working Group™ (Clean Cargo) is the leading buyer-supplier forum for sustainability in the cargo shipping industry.
[2017 Global Maritime Trade Lane Emissions Factors](#) 

Removing plastic from the Pacific Ocean. Maersk. 16 August 2018. Available from:

<https://www.maersk.com/news/2018/08/16/removing-plastic-from-the-pacific-ocean> 
A.P. Moller - Maersk is providing marine support to The Ocean Cleanup organisation by installing a pilot clean-up system in the Pacific.

Maharashtra to begin 5-year acoustic study to understand marine life in November.

By Badri Chatterjee. Hindustan Times (India). 16 August 2018. Available from: <https://www.hindustantimes.com/mumbai-news/maharashtra-to-begin-5-year-acoustic-study-to-understand-marine-life-in-november/story-2y9hlGYlf7vm7wmSg1wcGM.html> In response to the numerous cases of dead marine animals along the coastline, the Maharashtra forest department will begin a five-year-long study using noise monitoring instruments at sea.

Stakeholders combine to tackle future oil spills. By Waisea Nasokia. Fiji Sun Online.

19 August 2018. Available from: <http://fijisun.com.fj/2018/08/19/stakeholders-combine-to-tackle-future-oil-spills/> The Port Denarau Marina in collaboration with Pacific Energy Limited on Friday carried out a marina oil spill exercise in preparation to deal with such incidents.

Double trouble: plastics found to emit potent greenhouse gases. United Nations Environment Programme (UNEP). 24 August 2018. Available from: <https://www.unenvironment.org/news-and-stories/story/double-trouble-plastics-found-emit-potent-greenhouse-gases> Authors of a study conducted at Hawai'i University recently reported another good reason to redouble global efforts to beat plastic pollution: as plastics decay, they emit traces of methane and ethylene, two powerful greenhouse gases, and the rate of emission increases with time.

Canadian Arctic Greywater Report: estimates, forecasts, and treatment technologies.

Vard Marine (Commissioned by WWF Canada). 2018. Available from: <https://bit.ly/2Q7jQsm> 
The Arctic Waters Pollution Prevention Act (AWPPA) prohibits the discharge of any "waste" into Arctic waters.

HEALTH & SAFETY

Cluster of presumptive Ebola cases in North Kivu in the Democratic Republic of the Congo. *World Health Organization (WHO)*. 1 August 2018. Available from: <http://www.who.int/news-room/detail/01-08-2018-cluster-of-presumptive-ebola-cases-in-north-kivu-in-the-democratic-republic-of-the-congo> The Government of the Democratic Republic of the Congo announced today that preliminary laboratory results indicate a cluster of cases of Ebola virus in North Kivu province.

WHO calls for free and secure access in responding to Ebola outbreak in the Democratic Republic of the Congo. *World Health Organization (WHO)*. 12 August 2018. Available from: <https://www.afro.who.int/news/who-calls-free-and-secure-access-responding-ebola-outbreak-democratic-republic-congo> WHO's global and African regional leadership saw first-hand the complexities of implementing the Ebola response in North Kivu in the Democratic Republic of the Congo, in visits with the Ministry of Health officials to affected areas over the last two days.

Prioritising welfare over cost promotes safety, report says. *Safety4Sea*. 21 August 2018. Available from: <https://safety4sea.com/prioritising-welfare-over-cost-promotes-safety-report-says/> This study aimed to provide new insights into seafarers' safety and wellbeing by examining the influence of key organisational factors related to safety culture.

Shipping faces challenges in mental health approach. By Samira Nadkarni. *Fairplay*. 24 August 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4305651/shipping-faces-challenges-in-mental-health-approach> Experiencing mental illness is not only more common than we might think but costlier to businesses too.

Feeling fatigue at sea and fighting it. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 28 August 2018. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/feeling-fatigue-at-sea-and-fighting-it> When seafarers talk to ISWAN about fatigue, there is a definite pattern to the responses.

Assessing the determinants and consequences of safety culture in the maritime industry. *University of Queensland, University of Western Australia, Australian Maritime Safety Authority (AMSA)*. 2018. Available from: <https://bit.ly/2CubF6F> This report notes key findings and provides several recommendations based on the findings and expert input.

IMO

Initial IMO strategy on GHG reduction: An overview. *Safety4Sea*. 23 August 2018. Available from: <https://safety4sea.com/initial-imo-strategy-on-ghg-reductions-an-overview/> Under the identified "levels of ambition", the initial strategy envisages, for the first time, a reduction in total GHG emissions from global shipping by at least 50% by 2050 compared to 2008, while, at the same time, pursuing efforts to phase them out completely.

Maltese leading role in the adoption of the IMO climate change strategy for shipping. **By Godwin Xerri.** *Times of Malta*. 23 August 2018. Available from: <https://www.timesofmalta.com/articles/view/20180823/business-news/maltese-leading-role-in-the-adoption-of-the-imo-climate-change.687386> Following years of negotiations, in April 2018, the International Maritime Organisation (IMO) adopted a strategy on the reduction of greenhouse gas (GHG) emissions from ships aiming to reduce CO2 emissions from shipping by at least 50 per cent on 2008 levels by 2050.

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.

LAW & POLICY

Modelling the future of transport: the European Commission's 2050 strategy.

Transport & Environment. 25 July 2018. Available from:

<https://www.transportenvironment.org/publications/modelling-future-transport-european-commissions-2050-strategy> The 2050 strategy being developed by the European Commission for the 2019 UN Climate Change Conference (COP25) is of key importance to the future of European climate policy. [The future of transport in the European Commission's 2050 Strategy](#) 

China's new emission control areas rule to have little impact on LSFO demand.

By Oceana Zhou. *S&P Global Platts*. 27 July 2018. Available from:

<https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/072718-chinas-new-emission-control-areas-rule-to-have-little-impact-on-lsfo-demand> The expansion of emission control area or ECA rules to China's entire coastline from 2019 is expected to have little impact on low sulfur bunker fuel demand, given the limited area to which it applies and the ability of ships to switch to marine diesel to meet the new regulation, industry sources said this week.

Nigerian anti-corruption project improves port calls. Danish Shipping. 27 July 2018.

Available from: <https://www.danishshipping.dk/en/press/news/nigerian-anti-corruption-project-improves-port-calls/> Nigeria is one of the most challenging countries to do business in with unlawful demands commonplace.

Australia - increased fines for polluters. West of England P&I Club. 27 July 2018.

Available from: <https://www.westpandi.com/Publications/News/australia-pollution-fines/>

In 2012 the Club advised Members of changes to legislation in Australia which both increased fines for pollution from ships and allowed for these fines to be imposed on charterers as well as shipowners.

Ocean storage of CO2. By David Hume. Maritime Executive. 29 July 2018. Available from:

<https://www.maritime-executive.com/features/ocean-storage-of-co2> Some ocean scientists are advocating for storing captured CO2 emissions in the deep ocean.

Report from the Commission to the European Parliament and the Council assessing Member States' programmes of measures under the Marine Strategy Framework Directive.

European Commission. 31 July 2018. Available from: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=COM:2018:562:FIN&qid=1533034580736> The importance of the seas and oceans to the well-being of our planet is by now an undisputed fact.

Suspicion of illegal ship-to-ship transfers of goods by *NAM SAN 8*, North Korean-flagged tanker, and vessel of unknown nationality. *Government of Japan*. 31 July 2018.

Available from: https://www.mofa.go.jp/np/nsp/page4e_000878.html At midnight of July 31, 2018, a AOE 'TOWADA' (Replenishment at Sea Squadron 1: Kure) of Japan Maritime Self-Defense Force found that *NAM SAN 8* (IMO number: 8122347), North Korean-flagged tanker, was lying alongside a vessel of unknown nationality flying a flag that seemed like Chinese-flag, on the high seas (around 400km south-southeastern offshore of Shanghai) in the East China Sea.

IMarEST acts on UN ocean pledges. *Institute of Marine Engineering, Science and Technology (IMarEST)*. 1 August 2018. Available from: <https://www.imarest.org/policy-news/institute-news/item/4370-imarest-acts-on-un-ocean-pledges> The IMarEST made two voluntary commitments to assist with the implementation of the UN Sustainable Development Goal (SDG) intended to sustain the marine environment.

Blue economy, climate change top the agenda between Seychelles, New Zealand.

By Salifa Karapetyan. *Seychelles News Agency*. 1 August 2018. Available from: <http://www.seychellesnewsagency.com/articles/9522/Blue+economy%2C+climate+change+top+the+agenda+between+Seychelles%2C+New+Zealand>. Seychelles and New Zealand, both members of the Commonwealth, will cooperate in the fields of economic relations, the blue economy, and climate change, the newly accredited High Commissioner said on Tuesday.

EU Member States are stepping up measures to protect seas and oceans, but more improvements are needed. *European Commission*. 1 August 2018. Available from:

https://ec.europa.eu/info/news/member-states-are-stepping-measures-protect-seas-and-oceans-more-improvements-are-needed-2018-aug-01_en Today the European Commission published a report on the implementation of the EU Marine Strategy Framework Directive assessing the measures put in place by EU Member States to achieve 'good environmental status' by 2020.

Harnessing potential in Africa's oceans. By Eromosele Abiodun. *This Day (Nigeria)*.

3 August 2018. Available from: <https://www.thisdaylive.com/index.php/2018/08/03/harnessing-potential-in-africas-oceans/> The attention given to the responsible use of the oceans in Africa to contribute to economic growth has continued to rise.

Amendments to Merchant Shipping Code as regards the formation of the Russian Open Register of Ships. *Government of Russia*. 3 August 2018. Available from:

<http://en.kremlin.ru/acts/news/58219> The Federal Law introduces a number of amendments to the Merchant Shipping Code of the Russian Federation to allow establishing a Russian Open Register of Ships.

Criminalisation views wanted as master faces pollution trial.

Nautilus International. 3 August 2018. Available from: <https://www.nautilusint.org/en/news-insight/news/criminalisation-views-wanted-as-master-faces-pollution-trial> Nautilus is urging members to take part in a special survey into the continued risks of criminalisation - highlighting a current case in which a master is facing a prison sentence if he is found guilty of breaking pollution rules.

The oceans' last chance: 'It has taken years of negotiations to set this up'.

By Robin McKie. *The Guardian*. 5 August 2018. Available from: <https://www.theguardian.com/environment/2018/aug/05/last-chance-save-oceans-fishing-un-biodiversity-conference> Wildlife in most of the lawless high seas faces an existential threat from fishing, shipping and the military.

Maintaining the international order in Asian Seas. By Jun Tsuruta. *The Diplomat*.

6 August 2018. Available from: <https://thediplomat.com/2018/08/maintaining-the-international-order-in-asian-seas/> To China, is the "law" in "rule of law" in the seas of Asia the existing international law of the sea, or is it a new international law of the sea that accommodates a new and "better" international order as envisioned by China?

Russia amends shipping code for open register. *Maritime Executive*. 8 August 2018.

Available from: <https://www.maritime-executive.com/article/russia-amends-shipping-code-for-open-register> Russian President Vladimir Putin has signed a law to amend the Merchant Shipping Code to allow the establishment of a Russian Open Register of Ships.

Chinese officials remember diplomat who helped shape 'Law of the Sea'. *South China Morning Post*. 9 August 2018. Available from: <https://www.scmp.com/news/china/diplomacy-defence/article/2159035/chinese-officials-remember-diplomat-who-helped-shape>

Foreign affairs officials and observers have remembered a Chinese diplomat who was involved in the creation of an international treaty on the use of the world's seas and oceans on the first anniversary of his death.

Shipping Ministry revokes approval for vessels to export livestock to Gulf countries from Gujarat. *Times of India*. 9 August 2018. Available from:

<https://timesofindia.indiatimes.com/business/india-business/shipping-ministry-revokes-approval-for-vessels-to-export-livestock-to-gulf-countries-from-gujarat/articleshow/65344005.cms>

Days after local authorities stopped export of livestock from a port in Kutch, Gujarat, to Gulf countries ahead of Bakr Eid, the Union Shipping Ministry has revoked permission for shipping of animals.

Ocean governance catalyst. By Edward Zammit Lewis. *Times of Malta*. 10 August 2018.

Available from: <https://www.timesofmalta.com/articles/view/20180810/opinion/ocean-governance-catalyst-edward-zammit-lewis.686424> Prime Minister Joseph Muscat was the keynote speaker at a symposium organised by the Nippon Foundation in Tokyo on July 30.

Ghana, Cote d'Ivoire agree on guidelines to plot boundaries. *GhanaWeb*. 11 August 2018.

Available from: <https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Ghana-Cote-d-Ivoire-agree-on-guidelines-to-plot-boundaries-675946> Ghana and Cote d'Ivoire yesterday agreed to develop a document that will show the plotted maritime boundary for both countries.

Caspian Sea: Five countries sign deal to end dispute. *BBC News*. 12 August 2018.

Available from: <https://www.bbc.co.uk/news/world-45162282> Russia, Iran, Azerbaijan, Kazakhstan and Turkmenistan - all bordering the Caspian Sea - have agreed in principle on how to divide it up.

Convention on the Legal Status of the Caspian Sea. *Government of Russia*. 12 August 2018.

Available from: <http://en.kremlin.ru/supplement/5328> The Parties to this Convention, the Caspian littoral States – the Republic of Azerbaijan, the Islamic Republic of Iran, the Republic of Kazakhstan, the Russian Federation and Turkmenistan – hereinafter referred to as the Parties, Based on the principles and norms of the Charter of the United Nations and international law, ...

We are committed to repositioning NIMASA - Dakuku. By Isichei Osamgbi.

Nigerian Maritime Administration and Safety Agency (NIMASA). 13 August 2018.

Available from: <http://nimasa.gov.ng/press-center/post/we-are-committed-to-repositioning-nimasa-dakuku> The Director-General of NIMASA Dr Dakuku Peterside has stressed that the Board and the entire management of the Agency are committed to ensuring that the Agency responds to its core mandate of advancing Nigeria's global maritime goals.

Caspian Sea dispute: Here's everything to know about the landmark deal between Russia, Iran and others. By Cristina Maza. *Newsweek*. 13 August 2018. Available from:

<https://www.newsweek.com/caspian-sea-dispute-everything-know-about-landmark-deal-between-russia-iran-1071033> Russia, Iran, and a handful of other countries made a diplomatic breakthrough on Sunday to solve a dispute that has dragged on for decades.

Panama and China to sign MoU on maritime cooperation. By Michele Labrut.

Seatrade Maritime News. 14 August 2018. Available from: <http://www.seatrade-maritime.com/news/americas/panama-and-china-to-sign-mou-on-maritime-cooperation.html>
Both ministers expressed their interest in reaching a memorandum of understanding (MoU) on maritime matters for which they started negotiations immediately.

Tehran tries to face down domestic critics of Caspian Sea deal. By Dominic Dudley. *Forbes*.

14 August 2018. Available from: <https://www.forbes.com/sites/dominicdudley/2018/08/14/tehran-skeptics-of-caspian-sea-deal> A treaty signed by Iran and the four other countries bordering the Caspian Sea has been met with a skeptical reception inside Iran, with some domestic critics saying Tehran appears to have ceded a significant part of its claim to the Caspian.

***Aquarius* migrant rescue ship allowed to dock in Malta. By Jennifer Rankin.**

The Guardian. 14 August 2018. Available from: <https://www.theguardian.com/world/2018/aug/14/aquarius-migrant-rescue-ship-to-be-allowed-dock-in-malta> The *Aquarius* migrant rescue ship has been allowed to dock in Malta after five EU countries agreed to take in its passengers, ending a standoff over who should accept the vessel.

Qatar signs IOMOU on port state control. *Qatar Tribune*. 15 August 2018. Available from: <http://www.qatar-tribune.com/news-details/id/135733> Qatar signed the Indian Ocean Memorandum of Understanding (IOMOU) on Port State Control during its participation in the 21st Port State Control Committee Meeting held last week in Australia, where a delegation from Qatar's Ministry of Transport and Communications took part.

Iran - further advice on re-imposition of secondary sanctions. *West of England P&I Club*.

15 August 2018. Available from: <https://www.westpandi.com/Publications/News/iran-sanctions---fhm-alert/> Further to our News Item of 7 August 2018, the Club's US attorneys Freehill Hogan & Mahar have now published a helpful Client Alert concerning the re-imposition of U.S. secondary sanctions against Iran, a copy of which can be found here.

Could the High Seas be closed to fishing? By Alastair Bland. *Oceans Deeply*. 15 August 2018.

Available from: <https://www.newsdeeply.com/oceans/articles/2018/08/15/could-the-high-seas-be-closed-to-fishing> Momentum is growing for a radical yet potentially realistic proposal to close international waters to commercial fishing.

Poland and South Africa express a collaboration intent on maritime economy development.

South African Maritime Safety Authority (SAMSA). 16 August 2018. Available from: <https://blog.samsa.org.za/2018/08/16/poland-and-south-africa-express-a-collaboration-intent-on-maritime-economy-development/> The signing of a Memorandum of Understanding between South Africa and Poland in Cape Town on Wednesday marked a turning point in the development and enhancement of relations between the two countries and which will benefit both in the long term particularly with regards maritime sector issues.

President Faure speaks on sustainable development of the SADC Blue Economy and Maritime Security at the 38th SADC Summit. *Government of Seychelles*. 18 August 2018.

Available from: http://www.statehouse.gov.sc/news.php?news_id=4076 President Faure called upon a more pragmatic way to increase efforts being undertaken around the sustainable development of the SADC Blue Economy and for an increase in collective action towards our Maritime Security for stability in the region.

Transparent transshipping: detecting illegal fishing with satellite data. By Joe Baker.

Ship-Technology.Com. 20 August 2018. Available from: <https://www.ship-technology.com/features/global-fishing-watch/> Much of the problem is related to a lack of transparency over the movement of fishing vessels - which total 4.6 million worldwide - and the subsequent difficulty of dealing with IUU fishers who find it all too easy to slip the net.

If Vanuatu can ban single-use plastics, so can the other Commonwealth countries!

By Ralph Regenvanu. *Inter Press Service (IPS)*. 22 August 2018. Available from:

<http://www.ipsnews.net/2018/08/if-vanuatu-can-ban-single-use-plastics-so-can-the-other-commonwealth-countries/>

Cradled in the South Pacific, my home country Vanuatu is made mostly of ocean.

US targets two Russian shipping firms, six vessels in North Korea-related sanctions.

By Keith Wallis. *Fairplay*. 22 August 2018. Available from:

<https://fairplay.ihs.com/commerce/article/4305646/us-targets-two-russian-shipping-firms-six-vessels-in-north-korea-related-sanctions>

The US Treasury Department's Office of Foreign Assets Control (OFAC) has imposed sanctions on two Russian shipping companies and six vessels for allegedly defying United Nations (UN) Security Council resolutions banning trade with North Korea.

Indonesia sinks more than 100 foreign illegal fishing vessels. *Brisbane Times (Australia)*.

22 August 2018. Available from: <https://www.brisbanetimes.com.au/world/asia/indonesia-sinks-more-than-100-foreign-illegal-fishing-vessels-20180822-p4zz1u.html> Indonesia has sunk 125 mostly foreign vessels involved in illegal fishing as it ramps up efforts to exert greater control over its vast maritime territory, an official said on Wednesday.

Gaps in Arctic strategy leave room for trouble. *By Elwood Brehmer.* *Alaska Journal of*

Commerce. 22 August 2018. Available from: <http://www.alaskajournal.com/2018-08-22/gaps-arctic-strategy-leave-room-trouble>

The shortcomings in U.S. Arctic policy only start with the country's feeble icebreaking "fleet," according to Mark Rosen, an Arctic expert with the Washington, D.C.-based policy think tank CNA.

Cargo on arrested Russian vessel in South Africa above board: SAMSA.

South African Maritime Safety Authority (SAMSA). 23 August 2018. Available from:

<https://blog.samsa.org.za/2018/08/24/cargo-on-arrested-russian-vessel-in-south-africa-above-board-samsa/>

This is according to the South African Maritime Safety Authority (SAMSA) which was among South African government agencies to inspect the vessel following the allegations.

Impact on charterparties - Time to act now. *By North P&I Club.* *Hellenic Shipping News*.

25 August 2018. Available from: <https://www.hellenicshippingnews.com/impact-on-charterparties-time-to-act-now/>

The challenges introduced by the global sulphur cap are not exclusively technical.

How the Belt and Road initiative is shaping future freight trade. *By Andre Wheeler.*

Splash 247.com. 28 August 2018. Available from: <https://splash247.com/how-the-belt-and-road-initiative-is-shaping-future-freight-trade/>

As I prepare for my next public speaking foray into Asia, I was reminded of an earlier article that I had written that pointed to the demise of 20,000+ teu container vessels.

South Korean coast guard intercepts fleeing tanker. *Maritime Executive*. 28 August 2018.

Available from: <https://www.maritime-executive.com/article/south-korean-coast-guard-intercepts-fleeing-tanker>

On Tuesday, the Korea Coast Guard intercepted and arrested the product tanker *Pollady* after it tried to leave Busan's anchorage without clearance.

Captain of Russian vessel detained in South Korea may face up to 5 years in prison.

By Stanislav Varivoda. *TASS Russian News Agency*. 28 August 2018. Available from:

<http://tass.com/society/1018950>

Captain of Russian vessel "*Pollady*" may face up to five years in South Korean prison for resisting arrest by the Coast Guard, Roman Bykov, consul of the General Consulate of the Russian Federation in Busan, told TASS.

Maritime sector critical to economic diversification agenda, Buhari reiterates.

By Sulaimon Salau and Joke Falaju. *Guardian (Nigeria)*. 29 August 2018. Available from: <http://guardian.ng/news/maritime-sector-critical-to-economic-diversification-agenda-buhari-reiterates/> President Muhammadu Buhari has said that the maritime sector is being repositioned by the Federal Government to take a lead as one of the viable alternate sources of revenue in growing the economy.

MARINE TECHNOLOGY

Class homes in on 'jumbo-ising', scrubbers and stowage. By Rebecca Moore.

Container Shipping & Trade. 1 August 2018. Available from: https://www.containerst.com/news/view,class-homes-in-on-jumboising-scrubbers-and-stowage_53734.htm DNV GL published a new class notation, Emission Reduction, for exhaust gas cleaning systems in July this year, as it revealed that one of the biggest markets for scrubbers is the box ship sector.

The four ages of maritime data analytics and the rise of digitalisation. By Craig Jallal.

Marine Electronics & Communications. 2 August 2018. Available from: http://www.marinemec.com/news/view,the-four-ages-of-maritime-data-analytics-and-the-rise-of-digitalisation_53768.htm Maritime data analytics is the term given to collecting, analysing and disseminating information on shipping activities.

'New era' Vale goes big on scrubbers amid 2020 'structural shift'. By Andy Pierce.

TradeWinds. 3 August 2018. Available from: <http://www.tradewindsnews.com/drycargo/1548497/new-era-vale-goes-big-on-scrubbers-amid-2020-structural-shift> Vale has opted for scrubbers on all of its third generation newbuildings, it confirmed upon revealing more details of the vast project alongside its stellar second quarter accounts.

Singapore lands on Wilhelmsen as a maritime partner for drone delivery. Wilhelmsen.

7 August 2018. Available from: <https://www.wilhelmsen.com/media-news-and-events/press-releases/2018/singapore-lands-on-wilhelmsen-as-a-maritime-partner-for-drone-delivery2/> Announced during the Aviation Community Reception, hosted by the Civil Aviation Authority of Singapore (CAAS), Wilhelmsen Ships Service has been selected to help develop the future Unmanned Aircraft Systems (UAS) regulatory framework for Singapore and will receive dedicated funding for their shore-to-ship delivery project.

Using technology to save fuel and improve environmental performance. Hellenic Shipping

News. 8 August 2018. Available from: <https://www.hellenicshippingnews.com/using-technology-to-save-fuel-and-improve-environmental-performance/> As regulations on Greenhouse Gas (GHG) emissions loom for shipping, simply using less fuel will be one way to help meet environmental targets, and also potentially save cost from more expensive low sulphur fuels.

Autonomous shipping is making waves. By Kirsten Salyer. International Telecommunication

Union. 9 August 2018. Available from: <https://news.itu.int/autonomous-shipping/> The autonomous shipping industry is making waves, as established companies and tech start-ups apply emerging technologies to one of the oldest industries in the world, maritime transport.

Samsung Heavy Industries picks AWS to develop autonomous shipping. Hellenic Shipping

News. 10 August 2018. Available from: <https://www.hellenicshippingnews.com/samsung-heavy-industries-picks-aws-to-develop-autonomous-shipping/> Samsung Heavy Industries selected AWS as its preferred cloud provider.

Japan prepares for autonomous tugboat test. *Maritime Executive*. 11 August 2018.

Available from: <https://www.maritime-executive.com/article/japan-prepares-for-autonomous-tugboat-test> Japan's NYK Group companies NYK, MTI and Keihin Dock along with Japan Marine Science have been selected by Japan's Ministry of Land, Infrastructure, Transportation and Tourism to participate in a remotely controlled ship demonstration project.

PowerCell signs MOU with Siemens regarding development of marine systems based on fuel cells. *PowerCell*. 14 August 2018. Available from: <https://www.powercell.se/en/newsroom/press-releases/detail?releaseId=9033A14FAB0D831A> PowerCell Sweden AB (publ) has signed a memorandum of understanding with the German industrial group Siemens AG regarding a joint development of fuel cell-based drive and power generating systems for marine applications.

Amazon cloud will help shipbuilder develop autonomous shipping. By Martyn Wingrove. *Marine Electronics & Communications*. 14 August 2018. Available from:

http://www.marinemec.com/news/view.amazon-cloud-will-help-shipbuilder-develop-autonomous-shipping_53880.htm A leading shipbuilder plans to utilise a cloud-based platform to enhance ship construction, improve after-market customer services and develop autonomous ships.

Using technology to save fuel and improve environmental performance. By Marcus Hand.

Seatrade Maritime News. 21 August 2018. Available from: <http://www.seatrade-maritime.com/news/asia/using-technology-to-save-fuel-and-improve-environmental-performance.html> At the same time, the International Maritime Organization (IMO) has also set the 0.5% Global Sulphur Cap regulation for marine fuels from 1 January 2020, as well as to cut CO₂ emissions from shipping by 50% by 2040 from the level they were at in 2007.

Competing with barnacle cement- anti-adhesive surfaces in the sea. *Kiel University (Germany)*.

22 August 2018. Available from: <https://www.uni-kiel.de/en/details/news/in-the-fight-against-barnacles-non-stick-surfaces-in-the-ocean/> The development of functional surfaces inspired by nature has received a lot of attention in science and industry.

A ballast water solution for muddy waters. By Sandip Patil. *The Motorship*. 23 August 2018.

Available from: <http://www.motorship.com/news101/ballast-water-management/a-ballast-water-solution-for-muddy-waters> At recent sessions of the Marine Environment Protection Committee (MEPC) and the Pollution Prevention and Response (PPR) sub-committee, IMO discussed the issue of contingency measures for the Ballast Water Management Convention.

Nanotechnology can cure shipping's sulphur conundrum. By Venkatraman Sheshashayee.

Splash 247.com. 24 August 2018. Available from: <https://splash247.com/nanotechnology-can-cure-shippings-sulphur-conundrum/> In October 2016, the International Maritime Organization (IMO) announced that January 1 2020 would be the implementation date for a significant reduction in the sulphur content of the fuel oil used by ships.

Roboethics and the Collision Regulations. By Terry Ogg. *Maritime Executive*. 25 August 2018.

Available from: <https://maritime-executive.com/editorials/roboethics-and-the-collision-regulations> To paraphrase the British comedian Peter Kay after he tasted garlic bread for the first time, autonomous ships are the future.

Scrubber orders surge as 2020 deadline looms. By James Baker. *Lloyd's List*. 29 August 2018.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124024/Scrubber-orders-surge-as-2020-deadline-looms> With less than 18 months before the global sulphur limit for bunker fuel is reduced from 3.5% to 0.5%, the majority of containership owners still appear undecided about how to achieve compliance with the new regulations, according to Alphaliner.

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: <https://bit.ly/2wSX8eP> 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.

MARITIME EDUCATION & TRAINING

Crewing demographic timebomb laid bare. *By Scott Bergeron. Splash 247.com.*

20 August 2018. Available from: <https://splash247.com/crewing-demographic-timebomb-laid-bare/>
When you read and hear about life at sea, can you help but wonder where the future of our industry is headed?

Crew Training - a factor in Thailand's worst maritime disaster? *Hellenic Shipping News.*

23 August 2018. Available from: <https://www.hellenicshippingnews.com/crew-training-a-factor-in-thailands-worst-maritime-disaster/> The sinking of the 29 meter tour boat *M/V Phoenix* off Phuket on July 5th this year with the loss of 47 tourist lives, including 13 children, was the worst man-made maritime disaster in Thailand for many decades.

A well-trained and motivated crew is industry's best investment toward safe operations.

Safety4Sea. 29 August 2018. Available from: <https://safety4sea.com/cm-a-well-trained-and-motivated-crew-is-industrys-best-investment-toward-safe-operations/> Following the recently - published 'Safety & Shipping Review' by Allianz, we talked with Capt. Andrew Kinsey on the key safety, green and smart challenges ahead for the shipping industry.

We are partnering with four African countries for seafarers' training - Peterside. *Vanguard*

(Nigeria). 30 August 2018. Available from: <https://www.vanguardngr.com/2018/08/we-are-partnering-with-four-african-countries-for-seafarers-training-peterside/> The Director General of the Nigerian Maritime Administration and Safety Agency, NIMASA, Dr. Dakuku Peterside, met with the team of Vanguard Maritime Report that took him on issues affecting the Nigerian Maritime industry.

MARITIME SAFETY

Panama Ship Registry launches Maritime Safety and Inspection System Global Platform.

Hellenic Shipping News. 1 August 2018. Available from:

<https://www.hellenicshippingnews.com/panama-ship-registry-launches-maritime-safety-and-inspection-system-global-platform/>

The Panama Maritime Authority's Directorate of Merchant Marine, which oversees the world's largest ship registry, has announced it is putting in operation as of August 1st, on a 24/7 working basis the "Maritime Safety and Inspection System, Global Platform Software" which is a friendly, accurate and fast receiving data system.

Tackling misdeclared cargoes and containership fires. By Marcus Hand.

Seatrade Maritime News. 2 August 2018. Available from: [http://www.seatrade-](http://www.seatrade-maritime.com/news/europe/tackling-misdeclared-cargoes-and-containership-fires.html)

[maritime.com/news/europe/tackling-misdeclared-cargoes-and-containership-fires.html](http://www.seatrade-maritime.com/news/europe/tackling-misdeclared-cargoes-and-containership-fires.html)

The issue of container fires started as a result of misdeclared dangerous cargoes remains a serious one for the sector and since 2011 some 17 container lines have come together as the Cargo Incident Notification System (CINS) to try and tackle the problem.

Proper stowage of cargo containers marine notice 2018/3. Australian Maritime Safety Authority

(AMSA). 2 August 2018. Available from: [https://www.amsa.gov.au/vessels-operators/regulations-](https://www.amsa.gov.au/vessels-operators/regulations-and-standards-vessels/proper-stowage-cargo-containers-marine-notice)

[and-standards-vessels/proper-stowage-cargo-containers-marine-notice](https://www.amsa.gov.au/vessels-operators/regulations-and-standards-vessels/proper-stowage-cargo-containers-marine-notice) This notice aims to remind vessel owners, operators and masters of the need to stow and secure cargo containers in accordance with approved arrangements.

Anchors aweigh: ISO guidelines for lifeboat safety just updated. By Clare Naden.

International Organization for Standardization (ISO). 3 August 2018. Available from:

<https://www.iso.org/news/ref2313.html> When we climb aboard any kind of boat or ship, we don't often think of the lifeboat hanging off the side.

NIMASA to end dumping of vessels, ship wreckage on waters. By Oluwakemi Dauda.

The Nation (Nigeria). 7 August 2018. Available from: [http://thenationonlineng.net/nimasa-to-end-](http://thenationonlineng.net/nimasa-to-end-dumping-of-vessels-ship-wreckage-on-waters/)

[dumping-of-vessels-ship-wreckage-on-waters/](http://thenationonlineng.net/nimasa-to-end-dumping-of-vessels-ship-wreckage-on-waters/) To ensure that the territorial waters are safe and secure, they must be cleared of abandoned vessels and ship wrecks, Nigerian Maritime Administration and Safety Agency (NIMASA) Director-General Dakuku Peterside has said.

Emergency procedures: Critical equipment failure. Safety4Sea. 13 August 2018.

Available from: <https://safety4sea.com/cm-emergency-procedures-critical-equipment-failure/>

A ship equipment contains many items that could be defined as 'critical'.

SAMSA launches investigation into lost cargo off Durban coast: Alert warning issued to vessels in the vicinity. South African Maritime Safety Authority (SAMSA). 13 August 2018.

Available from: [https://blog.samsa.org.za/2018/08/13/samsa-launches-investigation-into-lost-cargo-](https://blog.samsa.org.za/2018/08/13/samsa-launches-investigation-into-lost-cargo-off-durban-coast-alert-warning-issued-to-vessels-in-the-vicinity/)

[off-durban-coast-alert-warning-issued-to-vessels-in-the-vicinity/](https://blog.samsa.org.za/2018/08/13/samsa-launches-investigation-into-lost-cargo-off-durban-coast-alert-warning-issued-to-vessels-in-the-vicinity/) According to the South African Maritime Safety Authority (SAMSA) which has launched an investigation into the matter, the loss of more than a dozen cargo containers by an MSC vessel occurred on Tuesday, 07 August 2018, while sailing between Port Elizabeth and Durban.

Marine Safety Alert: Don't forget about Gangways and Ladders! Pilot dies in gangway

accident. *United States Coast Guard*. 21 August 2018. Available from: <https://bit.ly/2wOWC1r> 

Recently, a vessel pilot died while boarding a vessel when its gangway separated from the vessel, causing two persons to fall into the water.

A broader safety platform for seafarers in distress. By Peter Broadhurst. *Maritime Executive*. 22 August 2018. Available from: <https://www.maritime-executive.com/editorials/a-broader-safety-platform-for-seafarers-in-distress-1> Following the decision to include L-Band connectivity in the International Maritime Organization's Global Maritime Distress System, real progress can be made in the functionality of the satellite-based emergency service seafarers call on in the last resort.

IUMI calls for more infrastructure support on Arctic routes. By Vincent Wee. *Seatrade Maritime News*. 29 August 2018. Available from: <http://www.seatrade-maritime.com/news/europe/iumi-calls-for-more-infrastructure-support-on-arctic-routes.html> Chair of IUMI's Policy Forum and co-author of the position paper Helle Hammer said: "The marine insurance sector, like all sectors, wants to see enhanced safety for ships operating in Arctic waters.

MARITIME SECURITY

SGI team engages various stakeholder agencies to improve maritime security. *GhanaWeb*. 27 July 2018. Available from: <https://www.ghanaweb.com/GhanaHomePage/business/SGI-team-engages-various-stakeholder-agencies-to-improve-maritime-security-672477> The Security Governance Initiative (SGI) is a technical multi agency body, set up by the United States government, to improve maritime security, border management and cybercrime in Ghana.

Cyber security among Coast Guard's top troubles. By Michael Juliano. *TradeWinds*. 30 July 2018. Available from: <http://www.tradewindsnews.com/casualties/1544164/cyber-security-among-coast-guards-top-troubles> Cyber security is one of the USCG's top "common challenges", according to the military branch's annual security report.

Free flow of oil, Strait of Hormuz, and policing international sea lanes. By Amy Myers Jaffe. *Council on Foreign Relations*. 30 July 2018. Available from: <https://www.cfr.org/blog/free-flow-oil-strait-hormuz-and-policing-international-sea-lanes> The premium appears to be creeping back into international oil prices as markets wait to see who will be policing the sea lanes in the aftermath of a Saudi announcement that it would temporarily halt oil shipments via the Bab el-Mandeb Strait.

EU NAVFOR Operation Atalanta: 'Mandate continues, business as usual'. *EU NAVFOR Somalia*. 30 July 2018. Available from: <http://eunavfor.eu/eu-navfor-operation-atalanta-mandate-continues-business-as-usual/> The mandate extension signals the EU's commitment to continuing counter-piracy operations off the Somali coast.

Strait of Hormuz is not the most dangerous risk for blockade. By Robin Mills. *The National (United Arab Emirates)*. 31 July 2018. Available from: <https://www.thenational.ae/business/energy/strait-of-hormuz-is-not-the-most-dangerous-risk-for-blockade-1.755062> After Iran's president Hassan Rouhani obliquely hinted at a threat to regional oil exports if sanctions blocked Iran's oil sales, attention turned to the wrong strait.

Houthi attack on oil tanker threatens maritime security. *Saudi Gazette*. 1 August 2018. Available from: <http://saudigazette.com.sa/article/540252/SAUDI-ARABIA/Houthi-attack-on-oil-tanker-threatens-maritime-security> The Council of Ministers chaired by Custodian of the Two Holy Mosques King Salman here Tuesday stressed that the botched terrorist attack on a Saudi oil tanker in the international waters west of the port of Hodeidah by Iranian-backed Houthi militias proves beyond doubt the danger posed by these militias and those behind them for regional and international security.

Attack highlights threat to Middle East oil shipments. By Jonathan Boonzaier. *TradeWinds*. 2 August 2018. Available from: <http://www.tradewindsnews.com/weekly/1544955/attack-highlights-threat-to-middle-east-oil-shipments> Last week's rocket attack on a Bahri tanker in the Bab el-Mandeb Strait is a clear message that the war in Yemen has made the entrance to the Red Sea a dangerous place for shipping.

European shipowners welcome the extension of EU Operation Atalanta against piracy. *European Community Shipowners' Associations (ECSA)*. 3 August 2018. Available from: <https://www.ecsa.eu/news/european-shipowners-welcome-extension-eu-operation-atalanta-against-piracy> The European shipowners are pleased with the European Council's decision of 30 July to extend the mandate of EU NAVFOR Somalia Operation Atalanta until 31 December 2020.

Hamburg Süd vessel detained with a ton of cocaine. By Tomas Kristiansen. *ShippingWatch*. 6 August 2018. Available from: <https://shippingwatch.com/secure/carriers/Container/article10785711.ece> Colombian authorities have found a ton of cocaine on board Hamburg Süd ship *Cap*.

Main cyber-threat to shipping is commercial: North P&I. By Marcus Hand. *Seatrade Maritime News*. 7 August 2018. Available from: <http://www.seatrade-maritime.com/news/europe/main-cyber-threat-to-shipping-is-commercial-north-p-i.html> The P&I Club gives free advice to members on what it terms cyber-resilience, as no-one can be totally secure, and offers a hefty discount on the Hudson Analytix Cyber risk assessment tool.

Russian Baltic Fleet missile frigate enters Gulf of Aden on anti-piracy mission. *TASS Russian News Agency*. 7 August 2018. Available from: <http://tass.com/defense/1016331> The Russian Baltic Fleet's frigate *Yaroslav Mudry* has left the port of Djibouti to start an anti-piracy mission in the Gulf of Aden, fleet spokesman Roman Martov said on Tuesday.

Igbokwe: Piracy, armed robbery at sea dangerous to economy . By Mike Igbokwe. *The Nation (Nigeria)*. 8 August 2018. Available from: <http://thenationonlineng.net/igbokwe-piracy-armed-robbery-at-sea-dangerous-to-economy/> Text of Mike Igbokwe's comments on Dr. Kamal-Deen Ali's paper on "Piracy and armed robbery at sea" during a maritime seminar organised for Judges in Abuja.

NCC Group and Moran Shipping Agencies work together on maritime cyber security. *NCC Group*. 8 August 2018. Available from: <https://bit.ly/2PHK5Vt> Global cyber security and risk mitigation expert, NCC Group and Moran Shipping Agencies, Inc. announce today their strategic alliance in maritime cyber security.

Maritime Security: DOT needs to expeditiously finalize the required national maritime strategy for sustaining U.S. - flag fleet. *US Government Accountability Office (GAO)*. 8 August 2018. Available from: <https://www.gao.gov/products/GAO-18-478> In a crisis, the government relies on oceangoing U.S. - flag ships and U.S. - citizen crews to help the military. [Report](#) 

Tanker market stirred but not shaken by Houthi VLCC attacks. By Geoff Garfield and Dale Wainwright. *TradeWinds*. 9 August 2018. Available from: <http://www.tradewindsnews.com/tankers/1547553/tanker-market-stirred-but-not-shaken-by-houthi-vlcc-attacks> The recent attack on two Bahri-owned VLCCs and Saudi Aramco's halting of oil flows through the Bab el-Mandeb strait may have rattled the tanker market, but any impact on the sector is likely to be limited, says analyst Alphatanker.

Italy seizes 20 tons of hashish hidden in ship fuel tanks. *Deutsche Welle (Germany).*

9 August 2018. Available from: <https://www.dw.com/en/italy-seizes-20-tons-of-hashish-hidden-in-ship-fuel-tanks/a-45018092> A crew of 11 Montenegrins attempted to smuggle 20 tons of hashish across the Mediterranean before they were intercepted by Italy's maritime police, Italian authorities said on Thursday.

To tackle cyber risks, you have to get onboard. *By Nick Hollaway. Splash 247.com.*

17 August 2018. Available from: <https://splash247.com/to-tackle-cyber-risks-you-have-to-get-onboard/> Shipping writes a new chapter of its cybersecurity story with every successful hack, co-ordinated attack or accidental infection.

Africa's chance to boost maritime security in the Indian Ocean. *By Timothy Walker and Denys Reva. Institute for Security Studies (ISS).* 17 August 2018. Available from: <https://issafrica.org/iss-today/africas-chance-to-boost-maritime-security-in-the-indian-ocean> This year the Indian Ocean has seen a drop in piracy risks and an increase in maritime development and attention to the blue economy.

ReCAAP ISC, Philippine Coast Guard hold meeting to boost safety, security in Sulu-Celebes area. *By Vincent Wee. Seatrade Maritime News.* 17 August 2018. Available from:

<http://www.seatrade-maritime.com/news/asia/recaap-isc-philippine-coast-guard-hold-meeting-to-boost-safety-security-in-sulu-celebes-area.html> ReCAAP ISC and its Philippines Focal Point, the Philippine Coast Guard (PCG) co-organised a two-day meeting in Manila to deepen cooperation and to enhance maritime safety and security in the Sulu-Celebes Seas.

Onboard cyber-security remains lax. *By James Baker. Lloyd's List.* 20 August 2018.

Available from: <https://lloydlist.maritimeintelligence.informa.com/LL1123925> Shipping should be treated as a critical national infrastructure when it comes to cyber-security, according to PenTest Partners consultant Ken Munro.

Piracy fears grow over missing chemical tanker Pantelena. *By Martina Li. Fairplay.*

23 August 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4305711/piracy-fears-grow-over-missing-chemical-tanker-pantelena> Concerns are mounting for a Panama-flagged chemical/products tanker that disappeared while sailing in pirate-infested West African waters.

Gabon: Missing tanker found. *By Nyasha K Mutizwa. Africanews.* 23 August 2018.

Available from: <http://www.africanews.com/2018/08/23/gabon-missing-tanker-found/> The Panamanian-flagged ship had disappeared from the radar screens of the Libreville Navy's operational centre with 19 crew members, 17 Georgians and two Russians.

India takes measures to deal with maritime security problems. *Safety4Sea.*

24 August 2018. Available from: <https://safety4sea.com/india-takes-measures-to-deal-with-maritime-security-problems/> India also approved a Contingency Plan for dealing with piracy and hijacking of merchant ships and constituted a Committee of Secretaries on Anti-Piracy and Hijacking at sea (COSAPH) under the Chairmanship of Cabinet Secretary.

Spain & France will take on EU's anti-piracy mission after Brexit. *By Kaitlin Lavinder.*

South EU Summit (SEUS). 28 August 2018. Available from: <https://www.southeusummit.com/europe/spain-france-will-take-on-eus-anti-piracy-mission-after-brexite/> Spain and France are filling the would-be maritime defence void left after Britain exits the European Union in eight short months.

MIGRANTS

Over 1,200 migrants rescued off Spanish coast in two days. *The Local (Spain)*. 29 July 2018. Available from: <https://www.thelocal.es/20180729/over-1200-migrants-rescued-off-spanish-coast-in-two-days> Fernando Grande-Marlaska said Spain had now seen "on the ground, the problems that exist, the problem of immigration which is a European problem which requires a European solution", following a visit to the southwestern Cadiz region.

New Zealander under investigation after rescuing illegal migrants in the Mediterranean. **By Olivia Fairhurst.** *New Zealand Herald*. 30 July 2018. Available from: https://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=12097537 A Kiwi is among 22 people facing 15 years in prison for rescuing Libyans who found themselves in distress as they attempted to cross the Mediterranean Sea to illegally enter Europe.

Mediterranean migrant arrivals reach 57,571 in 2018; Deaths reach 1,514. *International Organization for Migration (IOM)*. 31 July 2018. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-57571-2018-deaths-reach-1514> IOM reports that 57,571 migrants and refugees entered Europe by sea through 29 July 2018.

Impounded migrant rescue ships still awaiting answers. By Philip Leone Ganado. *Times of Malta*. 31 July 2018. Available from: <https://www.timesofmalta.com/articles/view/20180731/local/impounded-migrant-rescue-ships-still-awaiting-answers.685639> A month after Malta closed its harbours to migrant rescue vessels, ships stuck in harbour have still had no word from the authorities as to when and if they will be allowed to set sail.

Mediterranean migrant arrivals reach 58,158 in 2018; Deaths reach 1,514. *International Organization for Migration (IOM)*. 3 August 2018. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-58158-2018-deaths-reach-1514> IOM reports that 58,158 migrants and refugees entered Europe by sea through 1 August 2018.

Libya's coastguard says it has intercepted more than 570 refugees bound for Europe. **By Samuel Osborne.** *The Independent*. 3 August 2018. Available from: <https://www.independent.co.uk/news/world/africa/libya-refugee-crisis-europe-coastguard-migrants-a8474006.html> Libya's coast guard intercepted 574 refugees bound for Europe from the Mediterranean Sea in a single day, a spokesperson has said.

UNHCR sounds alarm as Mediterranean Sea deaths pass 1,500 mark. *United Nations High Commissioner for Refugees*. 3 August 2018. Available from: <http://www.unhcr.org/news/press/2018/8/5b6476bd4/unhcr-sounds-alarm-mediterranean-sea-deaths-pass-1500-mark.html> More than 1,500 refugees and migrants have lost their lives attempting to cross the Mediterranean in the first seven months of this year.

Spain announces plans for migrant command centre. *The Local (Spain)*. 6 August 2018. Available from: <https://www.thelocal.es/20180806/spain-to-set-up-migrant-command-centre> The announcement came as Spain has overtaken Italy this year as the destination of choice for migrants seeking a better life in Europe with a crackdown by Libyan authorities making it more difficult for them to reach Italian shores.

Mediterranean migrant arrivals reach 59,271 in 2018; Deaths reach 1,504. *International Organization for Migration (IOM)*. 7 August 2018. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-59271-2018-deaths-reach-1504> IOM reports that 59,271 migrants and refugees entered Europe by sea through 5 August 2018.

Between the Devil and the deep blue sea: Europe fails refugees and migrants in the central Mediterranean. *Amnesty International*. 8 August 2018. Available from:

<https://www.amnesty.org/en/documents/eur30/8906/2018/en/> This briefing reveals the devastating impact of policies which have resulted in the surge in deaths of refugees and migrants at sea during June and July 2018. [Report](#) 

Mediterranean migrant arrivals reach 60,309 in 2018; Deaths reach 1,524.

International Organization for Migration (IOM). 10 August 2018. Available from:

<http://www.iom.int/news/mediterranean-migrant-arrivals-reach-60309-2018-deaths-reach-1524>

IOM reports that 60,309 migrants and refugees have entered Europe by sea in 2018 through 8 August.

Migrants tell European rescuers five ships passed them by in Mediterranean.

Voice of America. 12 August 2018. Available from: <https://www.voanews.com/a/ships-not-willing-to-save-mediterranean-migrants/4525344.html> A European rescue group says migrants stranded in the Mediterranean told it five ships passed them by and refused to help until one of the group's ships finally picked them up Friday.

Migrant rescue ship arrives in Malta, ending standoff. *EurActiv*. 16 August 2018.

Available from: <https://www.euractiv.com/section/justice-home-affairs/news/migrant-rescue-ship-arrives-in-malta-ending-standoff/> The ship, run by the Franco-German charity SOS Méditerranée and Doctors Without Borders (MSF), was allowed in after France, Germany, Luxembourg, Portugal and Spain agreed on Tuesday to take in the migrants, who were rescued off the coast of Libya.

Mediterranean migrant arrivals reach 63,142 in 2018; Deaths reach 1,527.

International Organization for Migration (IOM). 17 August 2018. Available from:

<https://www.iom.int/news/mediterranean-migrant-arrivals-reach-63142-2018-deaths-reach-1527>

IOM, the UN Migration Agency, reports that 63,142 migrants and refugees entered Europe by sea in 2018 through 16 August, with 26,350 to Spain, the leading destination this year.

Mediterranean migrant arrivals reach 67,122 in 2018; Deaths reach 1,549.

International Organization for Migration (IOM). 28 August 2018. Available from:

<https://www.iom.int/news/mediterranean-migrant-arrivals-reach-67122-2018-deaths-reach-1549>

IOM, the UN Migration Agency, reports that 67,122 migrants and refugees entered Europe by sea in 2018 through 26 August, with 27,994 to Spain, the leading destination this year.

NAVIGATION & COMMUNICATIONS

UK Chamber welcomes new offshore wind developments but raises concern on navigational safety. By Holly Birkett. *UK Chamber of Shipping*. 26 July 2018. Available from:

<https://www.ukchamberofshipping.com/latest/uk-chamber-welcomes-new-offshore-wind-developments-raises-concern-navigational-safety/> With the Government poised to greenlight millions of pounds' worth of new offshore developments, the UK Chamber of Shipping warns that coordination and forward planning is essential to ensure new windfarms do not endanger vessels, lives or the environment.

China launches new twin BeiDou-3 navigation satellites. *Xinhuanet (China)*. 29 July 2018.

Available from: http://www.xinhuanet.com/english/2018-07/29/c_137355568.htm China on Sunday sent twin satellites into space via a single carrier rocket, entering a period with unprecedentedly intensive launches of BeiDou satellites.

Digital navigation platform reduces administrative costs for shipowners. *Hellenic Shipping*

News. 31 July 2018. Available from: <https://www.hellenicshippingnews.com/digital-navigation-platform-reduces-administrative-costs-for-shipowners/> Shipowners and operators need up-to-date and reliable data in order to plan a safe voyage.

Concentrated Inspection Campaign (CIC) on Safety of Navigation, including ECDIS (2017).

Paris MoU on Port State Control. 31 July 2018. Available from:

<https://www.parismou.org/concentrated-inspection-campaign-cic-safety-navigation-including-ecdis-2017> The Paris Memorandum of Understanding (Paris MoU) on Port State Control (PSC) carried out a Concentrated Inspection Campaign (CIC) on Safety of Navigation including ECDIS jointly with the Tokyo MOU between 1 September 2017 and 30 November 2017.

Saudi Minister of Energy: Saudi Arabia decides to resumes oil shipments through Bab-EI-Mandeb Strait.

Saudi Press Agency (SPA). 4 August 2018. Available from:

<https://www.spa.gov.sa/viewfullstory.php?lang=en&newsid=1793289> The Saudi Minister of Energy, Industry and Mineral Resources, H.E. Khalid A. Al-Falih, announced that Saudi Arabia has resumed oil shipments through Bab-EI-Mandeb Strait effective earlier today, after confirmation by the Joint Forces of the Coalition to Restore Legitimacy in Yemen of taking necessary measures to ensure the safety and security of the Coalition States' ships transiting ...

Saudi Arabia resumes oil exports through Red Sea lane. By Maha El Dahan and

Rania El Gamal. *Reuters*. 4 August 2018. Available from: <https://www.reuters.com/article/us-yemen-security/saudi-arabia-to-resume-oil-exports-through-red-sea-lane-idUSKBN1KP0B7>

Top oil exporter Saudi Arabia said on Saturday it has resumed all oil shipments through the strategic Red Sea shipping lane of Bab al-Mandeb.

UK agency to chart TCI's seabeds. *Turks and Caicos Weekly News*. 6 August 2018.

Available from: <http://tcweeklynews.com/uk-agency-to-chart-tcis-seabeds-p8929-127.htm>

This July the UK Hydrographic Office began a seven week survey of the waters around the Turks and Caicos Islands using a specially adapted aircraft.

Google street view tours offshore platform. *Maritime Executive*. 11 August 2018.

Available from: <https://www.maritime-executive.com/article/google-street-view-tours-offshore-platform> Google has launched a world-first Google Street View tour of an offshore platform.

Maersk container ship embarks on historic Arctic transit. *High North News (Norway)*.

20 August 2018. Available from: <http://www.highnorthnews.com/maersk-container-ship-embarks-on-historic-arctic-transit/> A Maersk representative involved in the project who spoke on the condition of anonymity confirmed that the *Venta Maersk* will be sailing via the Northern Sea Route (NSR) from the Far East.

Arctic's strongest sea ice breaks up for first time on record. By Jonathan Watts.

The Guardian. 21 August 2018. Available from:

https://www.theguardian.com/world/2018/aug/21/arctics-strongest-sea-ice-breaks-up-for-first-time-on-record?CMP=tw_t_a-environment_b-gdneco The oldest and thickest sea ice in the Arctic has started to break up, opening waters north of Greenland that are normally frozen, even in summer.

Illegal seafood supply chains can now be tracked by satellite. By Katherine Kornei.

Eos Earth and Space Science News. 24 August 2018. Available from: <https://eos.org/articles/illegal-seafood-supply-chains-can-now-be-tracked-by-satellite> Fishing is an enormous industry—topping \$100 billion per year—but waters often turn murky when it comes to determining where exactly fish are caught.

Melting ice in the Arctic is opening a new energy trade route. By Jeremy Hodges, Anna Shiryaevskaya, and Dina Khrennikova.

ShippingWatch. 28 August 2018. Available from: <https://shippingwatch.com/secure/carriers/article10830644.ece> A new trade route for energy supplies is opening up north of the Arctic Circle as some of the warmest temperatures on record shrink ice caps that used to lock ships out of the area.

Iran's top general: Lawbreaking in Hormuz Strait to draw IRGC's reaction.

Tasnim News Agency (Iran). 29 August 2018. Available from:

<https://www.tasnimnews.com/en/news/2018/08/29/1815661> "Thanks to the IRGC Navy's preparedness and capabilities, the hostile countries are anxious before entering the Strait of Hormuz, as they have obeyed the international (maritime) law over the past year, and if they go beyond the law, they will face the IRGC Navy's counteraction and controlling measures," Major General Baqeri said in a meeting of top IRGC Navy commanders in Iran's northeastern city of Mashhad on Wednesday.

PIRACY

War on Indian Ocean piracy cost Sh140 billion last year. By Lucas Barasaby Eunice Murathe.

Business Daily (Kenya). 31 July 2018. Available from:

<https://www.businessdailyafrica.com/corporate/shipping/War-on-Indian-Ocean-piracy-cost-Sh140-billion-last-year/4003122-4690978-p680v8z/index.html> About \$1.4 billion (Sh140 billion) was spent on the war on piracy in the Western Indian Ocean bloc last year, a team formed to find ways of fighting the menace says.

Nigerian piracy in the Gulf of Guinea 2018 H1 Review. EOS Risk Group. July 2018. Available

from: <https://bit.ly/2Nwd9lr> At the close of 2017, maritime piracy activity in the Gulf of Guinea had become static.

Report: Pirates have kidnapped 35 seafarers in the Gulf of Guinea this year.

By Daniel Logan Berg-Munch. *ShippingWatch*. 2 August 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10780131.ece> New figures on piracy in Nigerian waters confirm that the Gulf of Guinea is an epicenter for piracy at sea.

Armed robbery in Asian waters increased in July. Maritime Executive. 8 August 2018.

Available from: <https://www.maritime-executive.com/article/armed-robbery-in-asian-waters-increased-in-july> ReCAAP ISC reports seven incidents of armed robbery against ships in July, an increase from June when only one incident was reported.

A case for urgent action on the anti-piracy bill. By Comfort Oseghale. Ships & Ports.

13 August 2018. Available from: <http://shipsandports.com.ng/case-urgent-action-anti-piracy-bill/>

A recent global maritime report on Nigeria has been damning; for the second consecutive quarter, Nigeria clinched the number one spot in the number of recorded pirate attacks on vessels in 2018.

Greek tanker feared hijacked in Gulf of Guinea. By Dale Wainwright. TradeWinds.

19 August 2018. Available from: <http://www.tradewindsnews.com/casualties/1558456/greek-tanker-feared-hijacked-in-gulf-of-guinea?> A Greek-owned products tanker is feared to have been hijacked in the Gulf of Guinea, off the West coast of Africa.

Nigeria protests global piracy reports. By Emeka Anaeto. Vanguard (Nigeria).

22 August 2018. Available from: <https://www.vanguardngr.com/2018/08/nigeria-protests-imos-piracy-reports/> Blames international politics contrary to the reports of the International Maritime Organisation, IMO, which put Nigeria on the top spot in global piracy rate, the Nigerian

Administration and Safety Agency, NIMASA, has said security in the country's maritime space has been beefed up and improved in the past one year.

Growing piracy in Nigeria. By Lakin Thibiebi. *Ships & Ports*. 27 August 2018. Available from: <http://shipsandports.com.ng/growing-piracy-nigeria/> More than ever before, sea piracy is at an increasing rate in Nigeria.

July 2018 Monthly Report: Piracy and Armed Robbery against Ships in Asia. *ReCAAP*. August 2018. Available from: <https://bit.ly/2ARg6rw> A total of seven incidents of armed robbery against ships were reported in Asia in July 2018.

PORT STATE CONTROL

Foreign flagged ships detained in the UK during July 2018. *UK Maritime & Coastguard Agency*. 13 August 2018. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-july-2018> During July, there were three new detentions of foreign flagged vessels in a UK port, five vessels remained under detention from previous months.

PORTS & HARBOURS

Ghana to introduce "First Port Duty Rule". *Ghana Broadcasting Corporation (GBC)*. 31 July 2018. Available from: <http://www.gbcghana.com/1.11705838> Vice President Dr. Mahamudu Bawumia, announced the corruption-fighting measure when he gave the keynote address at the 39th Council and Conference of the Ports Management Association of West and Central Africa (PMAWCA) in Accra on Monday, July 30, 2018.

President Akufo-Addo gets award for Ghana's port reforms. *GhanaWeb*. 31 July 2018. Available from: <https://www.ghanaweb.com/GhanaHomePage/business/President-Akufo-Addo-gets-award-for-Ghana-s-port-reforms-673378> The President of the Republic, Nana Addo Dankwa Akufo-Addo, has been honoured for his personal commitment and that of his government towards modernising Ghana's ports, which have positioned it as the preferred maritime trade gateway to West and Central Africa.

Players gear up for brisk business in port revamp plan. By Kazungu Samuel. *Daily Nation (Kenya)*. 2 August 2018. Available from: <https://www.nation.co.ke/news/Players-gear-up-for-brisk-business-in-port-revamp-plan/1056-4693206-ywh6qf/index.htm> Stakeholders at the port of Mombasa are upbeat following plans by the government to build new ports and upgrade existing ones as it seeks to capitalise on the blue economy for development.

Ways to deal with inadequate port reception facilities. *Safety4Sea*. 6 August 2018. Available from: <https://safety4sea.com/ways-to-deal-with-inadequate-port-reception-facilities/> Compliance with MARPOL's discharge requirements by a vessel many times depends on the availability of enough port reception facilities.

UAE steps up to bigger international role. By Liz Bains. *Seatrade Maritime News*. 6 August 2018. Available from: <http://www.seatrade-maritime.com/news/middle-east-africa/uae-steps-up-to-bigger-international-role.html> For the UAE's Federal Transport Authority (FTA), being ranked among the world's leading maritime nations is a major achievement for the young country and cements its position as the region's most developed maritime hub.

Malta's towage services: past, present and future. By Mario Mizzi. *Times of Malta*. 8 August 2018. Available from: <https://www.timesofmalta.com/articles/view/20180808/business-news/maltas-towage-services-past-present-and-future.686294> The use of tugboats to assist vessels in and out of our harbours can be traced back to the mid-19th century when steam-propelled tugs were used greatly by the Admiralty, primarily to assist Royal Navy warships in Grand Harbour and the Naval Dockyard.

Port Authority to replace slopes. *Port of Rotterdam.* 9 August 2018. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/port-authority-to-replace-slopes>
The Port of Rotterdam Authority is to replace a section of the slopes stretching over more than 9 kilometres that have been contaminated by the *Bow Jubail* oil spill.

A first for the port of Antwerp: innovative autonomous sounding boat with unique technology. *Port of Antwerp.* 9 August 2018. Available from: <https://bit.ly/2MCTwUL>  A smart port thanks to innovative technology: that's what the port of Antwerp is fast becoming.

Port of Tauranga fire contained to two buildings. *Radio New Zealand.* 10 August 2018. Available from: <https://www.radionz.co.nz/news/national/363818/port-of-tauranga-fire-contained-to-two-buildings> Fire crews managed to contain a big fire at the Port of Tauranga to two buildings.

Port of Antwerp hit by fire. *World Maritime News.* 13 August 2018. Available from: <https://worldmaritimeneews.com/archives/258708/port-of-antwerp-hit-by-fire/>  The fire broke out on Saturday evening in a 6,000 m² warehouse on the Emdenweg, Leopold Dok, Antwerp's bulk terminal, the port authority said.

ABP to develop new technologies with Rolls Royce and Svitzer. *Associated British Ports (ABP).* 13 August 2018. Available from: <http://www.abports.co.uk/newsarticle/672/> Associated British Ports, the UK's leading port operator, today announces that it has invited Rolls Royce and Svitzer, part of the Maersk Group, to develop the next generation of technologies which will keep Britain trading.

British Ports Association launch Sustainable Development Resolution. *British Ports Association.* 14 August 2018. Available from: <https://www.britishports.org.uk/news/british-ports-association-launch-sustainable-development-resolution> The British Ports Association has published a sustainable development resolution, which commits to supporting the dual aims of a strong and healthy environment and a thriving economy. [Sustainable Development Resolution](#) 

Wellboat with 100 tons of decayed fish seeks port of refuge. *Maritime Executive.* 15 August 2018. Available from: <https://maritime-executive.com/article/wellboat-with-100-tons-of-decayed-fish-seeks-port-of-refuge> The sunken wellboat *Seikongen* has been successfully refloated after ten months on the bottom, but her decayed cargo of salmon is proving a liability as she seeks a port of refuge.

Aden port officials foil attempt to smuggle Yemeni antiques. *By Ali Mahmood.* *The National (United Arab Emirates).* 19 August 2018. Available from: <https://www.thenational.ae/world/mena/aden-port-officials-foil-attempt-to-smuggle-yemeni-antiques-1.761448> Port officials in Aden seized a shipment of antiques that is suspected to be part of what the Yemeni government says is looting of the country's heritage by Houthis to fund their insurgency.

Maersk establishes low-sulfur fuel venture in Rotterdam. *By Daniel Logan Berg-Munch.* *ShippingWatch.* 20 August 2018. Available from: <https://shippingwatch.com/secure/carriers/article10813728.ece> Maersk Group and Dutch tank storage operator Vopak join forces to establish a new bunkering facility for low-sulfur fuel in Rotterdam.

HELCOM publishes report on sewage port reception facilities in the Baltic Sea. *Baltic Marine Environment Protection Commission (HELCOM).* 20 August 2018. Available from: <http://www.helcom.fi/news/Pages/HELCOM-publishes-report-on-sewage-port-reception-facilities-in-the-Baltic-Sea.aspx> The recently published HELCOM report Baltic Sea Sewage Port Reception Facilities – HELCOM overview 2018 provides information on the status of sewage port reception facilities (PRF) and their use in the Baltic Sea area, with a focus on international cruise traffic. [HELCOM Overview 2018: Baltic Sea Sewage Port Reception Facilities](#) 

Panama Canal celebrates 104 years. *Maritime Executive*. 21 August 2018. Available from: <https://maritime-executive.com/article/panama-canal-celebrates-104-years> Since its inauguration on August 15, 1914, the Panama Canal has revolutionized maritime traffic.

Cruise ships still using 'dirtiest of all fuels' must be banned in European ports, says environmental group. By Josh Gabbatiss. *The Independent*. 21 August 2018. Available from: <https://www.independent.co.uk/environment/cruise-ships-air-pollution-dirty-fuel-heavy-oil-europe-ports-nabu-a8502771.html> Nearly every cruise ship in Europe is still using high-polluting fuels that harm the environment and human health, prompting calls for ports to ban them altogether.

The Panama Canal is a wonder of the modern world - here's how it plans to reduce shipping emissions. By Anmar Frangoul. *CNBC (US)*. 23 August 2018. Available from: <https://www.cnbc.com/2018/08/23/heres-how-the-panama-canal-plans-to-reduce-shipping-emissions.html> Roughly 80 kilometers long, the Panama Canal connects the Atlantic and Pacific oceans.

Port of Los Angeles sets new record for cutting NOx emissions while moving more cargo than ever. *Port of Los Angeles*. 23 August 2018. Available from: https://www.portoflosangeles.org/newsroom/2018_releases/news_082318_New_Record_NOx_Emissions.asp Emissions of nitrogen oxides (NOx), a key component of smog, are down an unprecedented 60 percent compared to 2005 emissions levels, their lowest level to date. [Port of Los Angeles Inventory of Air Emissions – 2017](#)

Adjustment of the fairway on the outer and lower Elbe can start. *Port of Hamburg*. 23 August 2018. Available from: <https://www.hafen-hamburg.de/en/news/adjustment-of-the-fairway-on-the-outer-and-lower-elbe-can-start--35969> Good news for shipping and Hamburg's port customers throughout the world: The planning procedure for the adjustment of the fairway has been completed with the supplementary planning approval.

AAPA announces environmental winners. *Maritime Executive*. 29 August 2018. Available from: <https://www.maritime-executive.com/article/aapa-announces-environmental-winners> The American Association of Port Authorities (AAPA) has announced the winning entries into its 2018 Environmental Improvement competition, with the Port of San Diego taking out three awards.

REGULATIONS

Calls for tighter rules after regulator approves foreign ships dumping palm oil in British waters for three years. By Wil Crisp. *The Telegraph*. 29 July 2018. Available from: <https://www.telegraph.co.uk/news/2018/07/29/calls-tighter-rules-regulator-approves-foreign-ships-dumping/> Campaigners have called for action after the maritime regulator ruled that foreign ships can continue to dump palm oil in British waters for three years.

Low sulphur fuel operational issues in 2020 set to increase losses: QBE. By Marcus Hand. *Seatrade Maritime News*. 31 July 2018. Available from: <http://www.seatrade-maritime.com/news/asia/low-sulphur-fuel-operational-issues-in-2020-set-to-increase-losses-qbe.html> Speaking to Seatrade Maritime News, Rama Chandran, head of marine for QBE Singapore, said that the 2020 sulphur cap from the IMO was very much on their radar and the increased risks that could be associated with the use of low sulphur fuels.

The Global 0.50% Sulfur Cap: 30 months and counting down By Tom Ewing.

Maritime Logistics Professional. 31 July 2018. Available from:

<https://www.maritimeprofessional.com/news/global-sulfur-months-counting-down-320086>

In early June, the U.S. Coast Guard (USCG) and U.S. Environmental Protection Agency (EPA) held a public workshop in Washington to help the agencies prepare for the January 1, 2020 deadline for worldwide implementation of very low sulfur marine fuel that meets the new 0.50% sulfur cap as set forth by the International Maritime Organization (IMO).

\$10 Gas? The obscure maritime rule that could make it a reality. By Alan Neuhauser.

U.S. News & World Report. 31 July 2018. Available from: <https://www.usnews.com/news/national-news/articles/2018-07-31/10-gas-the-obscure-maritime-rule-that-could-make-it-a-reality>

A little-noticed rule requiring large ships to soon slash the air pollution they produce threatens to drive benchmark oil prices as high as \$200 a barrel, send prices at the pump soaring to \$6 or even \$10 a gallon and crash the global economy just 17 months from now.

New rules will keep a check on shipping supply growth. By Inderpreet Walia. *Lloyd's List*.

1 August 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1123687/New-rules-will-keep-a-check-on-shipping-supply-growth> New and costly regulations are a welcome means of ridding the shipping industry of excess tonnage and keeping a check on supply side fundamentals, according to Pacific Basin shipping chief executive Mats Berglund.

Pending stricter marine fuel regulations roiling oil markets. By Dan Eberhart. *Forbes*.

2 August 2018. Available from: <https://www.forbes.com/sites/daneberhart/2018/08/02/pending-marine-fuel-regulations-roiling-oil-markets/> Oil markets don't need more uncertainty right now.

Fuel contamination crisis may be a foretaste of 2020 problems. By Adam Corbett.

TradeWinds. 2 August 2018. Available from:

<http://www.tradewindsnews.com/casualties/1545614/fuel-contamination-crisis-may-be-a-foretaste-of-2020-problems> Well over 100 ships are understood to have been affected by contaminated fuels in a crisis that first hit Houston in March and has spread to Singapore and other parts of South East Asia.

Scrubber surge 'insufficient' to handle post-2020 HSFO surplus. By Jamey Bergman.

Container Shipping & Trade. 6 August 2018. Available from:

https://www.containerst.com/news/view_scrubber-surge-insufficient-to-handle-post2020-hsfo-surplus_53797.htm Analysts say a recent surge in scrubber orders will not be enough to absorb the predicted surplus of high-sulphur residual fuel oil when IMO's global cap on sulphur in fuel takes effect in 2020.

Factbox: Refinery upgrades, works to ramp up ahead of 2020 IMO sulfur cap.

By Eleni Pittalis and Elza Turner. *S&P Global Platts*. 6 August 2018. Available from:

<https://www.spglobal.com/platts/en/market-insights/latest-news/oil/080618-factbox-refinery-upgrades-works-to-ramp-up-ahead-of-2020-imo-sulfur-cap> As the International Maritime

Organizations 2020 0.5% global marine sulfur cap edges closer, refinery upgrades are expected to pick-up through H2 2018 and early 2019 and the entire refined products market could see a tighter supply complex as refining capacity is taken offline.

Why ferry operators have little margin for error for in the Baltic. By Rebecca Gibson.

Cruise and Ferry. 6 August 2018. Available from: <http://www.cruiseandferry.net/articles/why-ferry-operators-have-little-margin-for-error-for-in-the-baltic> The English Channel, North and Baltic Seas have become famous both as a minefield of regulation, and a hotbed of innovative design for many robust, sustainable businesses.

Sulphur cap regulation to squeeze Nigerian shippers by N1.8trn. By Isaac Anyaogu.

Business Day (Nigeria). 6 August 2018. Available from:

<https://www.businessdayonline.com/exclusives/article/sulphur-cap-regulation-squeeze-nigerian-shippers-n1-8trn-2/>

The new International Maritime Organization (IMO) decision to lower its global marine fuel sulphur limit to 0.5 percent in 2020 could cost Nigerian shipping companies over N1.8trillion in installation costs for exhaust gas abatement systems, an option which seems the most practical to ensure compliance.

Recent fuel contamination cases spark doubts regarding 2020 blends. By Inderpreet Walia.

Lloyd's List. 6 August 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1123759/Recent-fuel-contamination-cases-spark-doubts-regarding-2020-blends>

Low-sulphur limits have become a reality for the bunker market, but growing concerns around fuel contamination are following in their wake.

Shipping companies worry over sulfur cap. Manila Times. 7 August 2018. Available from:

<https://www.manilatimes.net/shipping-companies-worry-over-sulfur-cap/427505/> About 70,000 ships, including hundreds of vessels in the Philippines, will be affected by the imposition of the global sulphur cap by 2020, according to the International Maritime Organization (IMO).

Could ballast-free shipping be the best route to IMO compliance? By Joe Baker.

Ship-Technology.Com. 7 August 2018. Available from: [https://www.ship-](https://www.ship-technology.com/features/ballast-free-imo/)

[technology.com/features/ballast-free-imo/](https://www.ship-technology.com/features/ballast-free-imo/) Since steel-hulled vessels were first introduced, ballast water has been vital for improving their stability, propulsion, manoeuvrability, and reducing stress on ship hulls during transit.

Paddy Rodgers sees 'gold in them thar hills'. By Michael Juliano. TradeWinds.

9 August 2018. Available from: [http://www.tradewindsnews.com/tankers/1552533/paddy-rodgers-](http://www.tradewindsnews.com/tankers/1552533/paddy-rodgers-sees-gold-in-them-thar-hills)

[sees-gold-in-them-thar-hills](http://www.tradewindsnews.com/tankers/1552533/paddy-rodgers-sees-gold-in-them-thar-hills) Euronav's Paddy Rodgers reaffirmed his company's non-committal attitude toward exhaust gas scrubbers, despite recent frenzy over them as IMO 2020 comes closer.

Polar Code guidelines adopted by Indian Ocean states. By David Sexton. DCN - Daily Cargo

News (Australia). 13 August 2018. Available from: [http://www.thedcn.com.au/polar-code-guidelines-](http://www.thedcn.com.au/polar-code-guidelines-adopted-by-indian-ocean-states/)

[adopted-by-indian-ocean-states/](http://www.thedcn.com.au/polar-code-guidelines-adopted-by-indian-ocean-states/) Guidelines aimed at helping port state control authorities ensure compliance with the International Code for Ships Operating in Polar Waters have been adopted by nation states of the Indian Ocean Memorandum of Understanding.

More ships adding scrubbers to their smokestacks to support fuel oil usage in 2020: JBC.

By Roslan Khasawneh. Reuters. 14 August 2018. Available from:

<https://www.reuters.com/article/us-shipping-bunker-fueloil/more-ships-adding-scrubbers-to-their-smokestacks-to-support-fuel-oil-usage-in-2020-jbc-idUSKBN1KZ151>

An increase in the number of ships adding cleaning systems to their smokestacks will mean vessels will continue to burn a sizable amount of fuel oil once new sulfur regulations for the fuel go into effect, Vienna-based consultancy JBC Energy said on Tuesday.

IMO Fuel Regulations 2020: from headache to migraine for ship owners. By Mark Williams.

Hellenic Shipping News. 17 August 2018. Available from:

<https://www.hellenicshippingnews.com/imo-fuel-regulations-2020-from-headache-to-migraine-for-ship-owners/>

BIMCO, the Clean Shipping Coalition, Cruise Lines International Association, Friends of the Earth US, International Chamber of Shipping, International Parcel Tankers' Association, INTERTANKO, Pacific Environment, World Shipping Council, and WWF Global Arctic Programme have jointly released a statement calling for the prohibition of the carriage of non-compliant fuel when the IMO's global 0.5 per cent sulphur cap takes effect in 2020.

"Onboard BW Management System" - Do you know which option to select on NBIC's Ballast Water Management Report? *US Coast Guard Maritime Commons*. 21 August 2018.

Available from: <https://bit.ly/2NPIXzH> The National Ballast Information Clearinghouse (NBIC) is a statutorily mandated joint program of the Smithsonian Environmental Research Center and the Coast Guard that collects, analyzes, and interprets data on the ballast water management practices of commercial ships that operate in the waters of the United States.

Rotterdam deal ensures low-sulphur fuel supply for Maersk box ships. *By Mike Wackett.*

The Loadstar. 21 August 2018. Available from: <https://theloadstar.co.uk/maersk-ensures-low-sulphur-fuel-supply-box-ships-rotterdam-deal/> Maersk Line has taken steps to ensure its vessels are able to comply with the IMO's new low-sulphur regulations by striking a deal for a dedicated 0.5% sulphur bunkering point at Rotterdam.

DNVGL: 2020 Global sulfur cap causing paradigm shift. *By Jan Hagen Andersen.*

MARINE LOG. 22 August 2018. Available from: https://www.marinelog.com/index.php?option=com_k2&view=item&id=30187:dnvgl-2020-global-sulfur-cap-causing-paradigm-shift&Itemid=227 The introduction of the new global sulfur cap in 2020 is causing nothing short of a paradigm shift in marine fuel.

MRV vs. IMO Regulations. *Hellenic Shipping News*. 23 August 2018. Available from:

<https://www.hellenicshippingnews.com/mrv-vs-imo-regulations/> Ship owners are currently dealing with recent regulations applied to maritime industry, such as MRV Regulation which entered into force on 1st January 2018.

Organising the switch to low-sulphur fuel. *By John LaRese.* *Ship & Bunker*. 24 August 2018.

Available from: <https://shipandbunker.com/news/world/391957-insight-organising-the-switch-to-low-sulphur-fuel> The International Maritime Organization's (IMO) decision to implement a 0.50 per cent cap on sulphur emissions has created uncertainty amongst vessel operators.

'Middlemen' shipmanagers brought in for regulatory compliance.

By Anastassios Adamopoulos. *Lloyd's List*. 24 August 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1123899/Middlemen-shipmanagers-brought-in-for-regulatory-compliance> The slew of incoming maritime regulations, topped by the 2020 sulphur cap, the ballast water management convention and a decarbonisation strategy, are forcing shipowners to rely more than ever on experts to help with major decisions, turning the pressure specifically on shipmanagers to offer the best solutions.

Slow steaming not necessarily a sulphur cap saviour. *By Jonathan Robins.* *Fairplay*.

28 August 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4305781/slow-steaming-not-necessarily-a-sulphur-cap-saviour> To a shipowner whose livelihood hinges on the demand for ships matching or exceeding their supply, the prospect of the global fleet shrinking dramatically, overnight, and without a painful loss of asset value must seem too good to be true.

Report: Every third carrier will not be ready for new environmental regulations.

By Louise Vogdrup-Schmidt. *ShippingWatch*. 28 August 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10832367.ece> On Jan. 1, 2020, only 64 percent of carriers will be able to sail in compliance with the forthcoming environmental regulations on sulfur and ballast water.

SALVAGE

Illegal salvors fined for plunder of WW1 shipwreck. *MarineLink*. 23 August 2018.

Available from: <https://www.marinelink.com/news/illegal-salvors-fined-plunder-ww-440815>

Thieves have been fined nearly £250,000 after being caught by the Royal Navy plundering a World War I shipwreck.

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

Damaged car carrier *Makassar Highway* successfully towed to port. *Safety4Sea*.

3 August 2018. Available from: <https://safety4sea.com/damaged-car-carrier-makassar-highway-successfully-towed-to-port/>

On Monday 23 July, the Panama-flagged 139-meter ship was en route from Germany's port of Cuxhaven to the Swedish port of Sodertalje, south of Stockholm, loaded with approximately 1,325 vehicles, when it ran aground in an archipelago north of Vastervik on the Baltic Sea.

Ordeal of 57 Abandoned Ukrainian Seafarers Finally Over. *World Maritime News*.

6 August 2018. Available from: <https://worldmaritimeneeds.com/archives/258323> The seafarers in question include 27 crew members of *MV Mekong Spirit* and *MV Free Neptune*, according to the Marine Transport Workers' Trade Union of Ukraine (MTWTU), which has managed to repatriate the mariners with the help of the International Transport Workers' Federation (ITF) and the Ministry of Foreign Affairs of Ukraine.

Half a million seafarers have benefited from revolutionary app. *Sailors' Society*.

6 August 2018. Available from: <https://www.sailors-society.org/about-us/press-room/ship-visitor/>

Half a million seafarers have benefited from an app that helps them as they move from port to port around the world, according to the charity that invented it.

Indian sailor stranded on ship in Norfolk for 18 months to fly home. *Sky News*.

8 August 2018. Available from: <https://news.sky.com/story/amp/indian-sailor-stranded-on-ship-in-norfolk-for-18-months-to-fly-home-11465473> Nikesh Rastogi, 43, has been living on the offshore supply vessel *Malaviya Twenty*, moored in Great Yarmouth, since February 2017.

Freedom at midnight for 16 Indian seafarers in UAE. By Dhanusha Gokulan.

Khaleej Times (United Arab Emirates). 14 August 2018. Available from:

<https://www.khaleejtimes.com/nation/dubai/freedom-at-midnight-for-16-indian-seafarers-in-uae>

Finally, a group of Indian seafarers, who were living in deplorable conditions on board a gas tanker a few miles off the coast of Fujairah for six months, are going home.

EU recognizes MoTC seafarers certificates. *Oman Daily Observer*. 16 August 2018.

Available from: <http://www.omanobserver.com/eu-recognizes-motc-seafarers-certificates/>

The Ministry of Transport and Communications (MoTC) has prepared a number of regulations in accordance with the requirements of international agreements concerning the qualification, training and licensing of various categories of seafarers.

Seafarer satisfied with career despite challenges. *Jamaica Information Service*.

20 August 2018. Available from: <https://jis.gov.jm/seafarer-satisfied-with-career-despite-challenges/>

Marine Inspector, Kenre Valentine, says he is satisfied that he chose to be seafarer, as although the career has many challenges, it has been extremely rewarding.

'2,337 Nigerian seafarers placed onboard vessels in 6 months'. *Leadership (Nigeria).*

21 August 2018. Available from: <https://leadership.ng/2018/08/21/2337-nigerian-seafarers-placed-onboard-vessels-in-6-months/> Director-general of Nigerian Maritime Administration and Safety Agency (NIMASA), Dr. Dakuku Peterside has disclosed that the number of Nigerian seafarers placed onboard vessels from January to June this year increased to 2,337, representing a 58.9 per cent rise in the number of seafarers employed.

Progress made on seafarer access at US ports. By John Gallagher. *Fairplay.* 22 August 2018.

Available from: <https://fairplay.ihs.com/safety-regulation/article/4305701/progress-made-on-seafarer-access-at-us-ports> The percentage of foreign seafarers denied shore leave at US ports continued a downward trend established three years ago, but visa requirements and access to high-security terminals remain a concern, according to the latest survey by a seafarer advocate group.

Solon seeks better government services for seafarers. By Charissa Luci-Atienza.

Manila Bulletin. 23 August 2018. Available from: <https://news.mb.com.ph/2018/08/23/solon-seeks-better-government-services-for-seafarers/> Samar Rep. Edgar Mary Sarmiento is asking the House Committee on Transportation to look into the status of pre-departure, on-site and other support services provided by government agencies to seafarers.

Family of Chennai 6 crew member thank Human Rights at Sea. *Human Rights at Sea (HRAS).*

26 August 2018. Available from: <https://www.humanrightsatsea.org/2018/08/26/family-of-chennai-6-crew-member-thank-human-rights-at-sea/> The family of one of the British maritime security guards held in Chennai prison, India, during the four year *Seaman Guard Ohio* case which started in October 2013, has thanked the charity for their work alongside many other organisations, State authorities and individuals who collectively supported their prolonged fight for justice and which resulted in their release in November 2017 alongside the other members of the crew.

Career in maritime allows you to see the world, seas free: Taslim. By Maria Laqeta.

Fiji Sun Online. 29 August 2018. Available from: <http://fijisun.com.fj/2018/08/29/career-in-maritime-allows-you-to-see-the-world-seas-free-taslim/> Maritime is an interesting career that even engineers, officers and crew members get to travel the world and seas free while others pay to see and visit those places.

Seafarers seek reward in MST oil-dumping. By Michael Juliano. *TradeWinds.*

29 August 2018. Available from: <http://www.tradewindsnews.com/legal/1567161/seafarers-seek-reward-in-mst-oil-dumping> Three seafarers are seeking compensation for being detained for two months in the US after exposing illegal oil dumping by German ship manager Mineralian Schifffahrt Sedition und Transport.

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.

The Interview: Yasumi Morita; How many seafarers we need goes beyond logic.

By Richard Clayton. *Lloyd's List.* August 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1123966> In July 2015, as part of an International Maritime Organization delegation, I visited a maritime museum outside Tokyo.

SEARCH & RESCUE

China bases rescue ship at Subi Reef. *Maritime Executive*. 31 July 2018. Available from: <https://www.maritime-executive.com/article/china-bases-rescue-ship-at-subi-reef> China said on Monday that it is basing the rescue ship *Nanhai Jiu 115* at Subi (Zhubi) Reef, part of the Spratly Islands of the South China Sea.

Aquarius returns to Central Mediterranean: humanitarian assistance at sea desperately needed. *Médecins Sans Frontières (MSF)*. 1 August 2018. Available from: <https://www.msf.org/aquarius-returns-central-mediterranean-humanitarian-assistance-sea-desperately-needed> The rescue boat *Aquarius*, run in partnership between SOS MEDITERRANEE and Médecins Sans Frontières (MSF), will set sail today from Marseille after an extended port call.

Italy transfers patrol vessels to Libyan Coast Guard. *Maritime Executive*. 7 August 2018. Available from: <https://www.maritime-executive.com/article/italy-transfers-patrol-vessels-to-libyan-coast-guard> Despite rights groups' persistent concerns over the widespread abuse of migrants within Libya, Italy's senate has voted overwhelmingly in favor of providing more resources to Libya's coast guard, which is tasked with returning maritime migrants to Libyan shores.

EU policies to blame for 700 deaths at sea, says Amnesty International. By Angela Giuffrida. *The Guardian*. 8 August 2018. Available from: <https://www.theguardian.com/world/2018/aug/08/eu-policies-to-blame-deaths-at-sea-mediterranean-amnesty-international-report> EU policies, particularly those of Italy and Malta, are to blame for the deaths of 721 people at sea in June and July, Amnesty International has claimed.

MSF calls on European Governments to assign place of safety after rescues on Mediterranean. *Médecins Sans Frontières (MSF)*. 12 August 2018. Available from: <https://www.doctorswithoutborders.org/what-we-do/news-stories/news/msf-calls-european-governments-assign-place-safety-after-rescues> Responding to the ongoing humanitarian crisis in the Central Mediterranean, a total of 141 people were rescued on Friday by the search and rescue vessel the *Aquarius*, chartered by SOS MEDITERRANEE and operated in partnership with Doctors Without Borders/Médecins Sans Frontières (MSF).

Statement: SOS MEDITERRANEE denounces political manoeuvre of Government of Gibraltar aimed at impeding its Search and Rescue operations. *SOS Mediterranee*. 13 August 2018. Available from: <https://bit.ly/2MckCpl> SOS MEDITERRANEE, charterer of the *Aquarius* and operated in partnership with Médecins sans Frontières, has satisfied for the last two years all regulatory requests arising from the competencies of the Gibraltar Flag State, and all technical controls regarding security and safety of the ship.

Aquarius registration strike-off would be 'a political manoeuvre' - migrant rescue NGO. By Christopher Scicluna. *Times of Malta*. 13 August 2018. Available from: <https://www.timesofmalta.com/articles/view/20180813/local/aquarius-at-risk-of-being-struck-off-ship-registry-as-migrant-standoff.686733> The migrant rescue ship *Aquarius*, currently at the heart of the second migrant standoff between Italy and Malta in as many months, has run into vessel registration problems and could be stripped of its Gibraltar registration.

Briton who fell off cruise ship in Croatia 'sang' to survive 10-hour ordeal. *Sky News*. 20 August 2018. Available from: <https://news.sky.com/story/british-woman-saved-10-hours-after-falling-off-cruise-ship-in-croatia-11476770> The passenger, named as Kay Longstaff, was taken to hospital in the city of Pula and said she feels "very lucky" to have been rescued.

Italy's anti-migrant stance puts EU Mediterranean mission at risk. By Gabriela Baczynska. *Reuters*. 28 August 2018. Available from: <https://reut.rs/2LZ3P4H> Italy has threatened to bar ships of the EU naval force from bringing migrants picked up in the Mediterranean to its ports unless the bloc comes up with ways to share the burden of taking them in, officials in Brussels said.

CSL crew rescue man on Lake Ontario. By Rijuta Dey Bera. *TradeWinds*. 29 August 2018. Available from: <http://www.tradewindsnews.com/casualties/1567295/csl-crew-rescue-man-on-lake-ontario> The crew of a CSL bulker was involved in a rescue operation on Lake Ontario that saved a man's life, while the second man overboard died.

In the melting Arctic, a harrowing account from a stranded ship. By Ed Struzik. *Yale Environment 360*. 29 August 2018. Available from: <https://e360.yale.edu/features/in-the-melting-arctic-harrowing-account-from-a-stranded-ship> On the second day of a U.S. National Science Foundation-sponsored expedition to the Arctic, we were sitting in the presentation room of the 364-foot Russian cruise ship, *Akademik Ioffe*, about 45 miles north of the Inuit village of Kugaaruk.

Indian Navy warship provides technical help to a Norwegian vessel stuck at sea with Indian crews onboard. By V Narayan. *Times of India*. 29 August 2018. Available from: <https://timesofindia.indiatimes.com/india/indian-navy-warship-provides-technical-help-to-a-norwegian-vessel-stuck-at-sea-with-indian-crews-onboard/articleshow/65588601.cms> The Indian Navy warship (*INS Teg*) of the Western Naval Command in Mumbai that was employed on anti-piracy duty of Gulf of Aden reached for assistance to clear technical glitches occurred on to *MV Vela*, a Norwegian-owned ship with an all Indian crew.

SHIP RECYCLING

Brace for Impact: The E.U. Ship Recycling Regulation. By Michail Matthaikis. *Maritime Executive*. 28 July 2018. Available from: <https://www.maritime-executive.com/editorials/brace-for-impact-the-e-u-ship-recycling-regulation> In five months from today, the European Union will be implementing regulations mandating that all the end-of-life EU-flagged vessels will have to be recycled in facilities that are included in the European list of approved ship recycling facilities.

First-ever 'green vessel' beached at PHP shipyard. Daily Sun (Bangladesh). 1 August 2018. Available from: <https://www.daily-sun.com/printversion/details/326366/2018/08/01/Firstever-%E2%80%98green-vessel%E2%80%99-beached-at-PHP-shipyard> The first-ever 'green vessel' beached for re-cycling at PHP Green Ship-breaking and Recycling Yard, a concern of business conglomerate PHP Family, at Sitakunda upazila in the district on Tuesday afternoon.

Russia to start breaking down one of its most radioactive ships next month. By Charles Digges and Anna Kireeva. *Bellona Foundation*. 1 August 2018. Available from: <http://bellona.org/news/nuclear-issues/2018-08-russia-to-start-breaking-down-one-of-its-most-radioactive-ships-next-month-2> The Lepse service vessel, Russia's waterborne atomic graveyard, has inched a step closer to complete dismantlement as officials say they will begin extracting nuclear fuel rods from its irradiated holds next month.

Oil tanker owners are scrapping the most ships in decades. By Firat Kayakiran. *Bloomberg*. 2 August 2018. Available from: <https://www.bloomberg.com/news/articles/2018-08-01/oil-tanker-owners-scrap-most-ships-in-decades-as-imo-2020-awaits> A 19-month curtailment of OPEC cargoes, and environmental regulations that are proving uneconomical to comply with, have got owners purging the supertanker fleet at the fastest pace since the 1980s, according to Global Marketing Systems Inc., one of the world's top buyers of obsolete ships for scrap.

European Union flag scrapping deadline to stay, says commissioner. By Geoff Garfield. *TradeWinds*. 6 August 2018. Available from: <http://www.tradewindsnews.com/shipsales/1548471/european-union-flag-scrapping-deadline-to-stay-says-commissioner> European Commissioner Karmenu Vella has ruled out delaying the end-of-year deadline which will prevent owners scrapping European Union flag ships in most of the Indian sub-continent.

PHP seeks to make its mark as green recycler with Vale demolition. By Adam Corbett.

TradeWinds. 9 August 2018. Available from:

<http://www.tradewindsnews.com/shipyards/1547872/php-seeks-to-make-its-mark-as-green-recycler-with-vale-demolition> The demolition of a Vale VLOC at Bangladeshi shipbreaker PHP Family could help pave the way for the country to follow its neighbour, India, in improving the safety and environmental performance of shipyards.

Norwegian shipowner charged with illegal scrapping. By Daniel Logan Berg-Munch.

ShippingWatch. 10 August 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10795755.ece> Økokrim, the Norwegian financial crimes unit, has filed a preliminary charge against the owner of the vessel *Harrier*, formerly *Tide Carrier*, which was arrested in Norway in February 2017 on the way to scrapping in Pakistan.

'Beaching' of vessels for shipbreaking - legal, illegal or somewhere in between?

By Kim Jefferies. *Gard*. 15 August 2018. Available from:

<http://www.gard.no/web/updates/content/26050185/beaching-of-vessels-for-shipbreaking-legal-illegal-or-somewhere-in-between> Commercial vessels have a 'lifespan' and when they reach the end of it, they are recycled.

Ship recycling in Alang - The changing scenario. By Rohit Agarwal. *Safety4Sea*.

20 August 2018. Available from: <https://safety4sea.com/ship-recycling-in-alang-the-changing-scenario/> What is the first thing that comes to your mind when you hear the word Alang?

Turkish shiprecycler confident of joining EU list of approved yards. By Geoff Garfield.

TradeWinds. 23 August 2018. Available from:

<http://www.tradewindsnews.com/casualties/1557957/turkish-shiprecycler-confident-of-joining-eu-list-of-approved-yards> Turkey's largest shiprecycler, Leyal Group, is optimistic about joining the European Union's list of approved demolition yards but concedes the matter is political as well as technical.

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.

SHIPBUILDING & SHIPREPAIR

YARA selects Norwegian shipbuilder VARD for zero-emission vessel *Yara Birkeland*.

Yara International ASA. 15 August 2018. Available from: <https://www.yara.com/corporate-releases/yara-selects-norwegian-shipbuilder-ward-for-zero-emission-vessel-yara-birkeland/>

In May 2017, YARA and technology company KONGSBERG announced a partnership to build the world's first autonomous, electric container vessel.

First battery-powered tourist ship for the Arctic ready to sail next summer.

By Thomas Nilsen. *Independent Barents Observer (Norway)*. 19 August 2018. Available from:

<https://thebarentsobserver.com/en/travel/2018/08/first-battery-powered-tourist-ship-arctic-ready-sail-next-summer> "A green footprint is an inevitable part of future tourism in the Arctic," says Agnes Árnadóttir, co-founder of Green Wave Holding, the company to launch the very first non-pollution cruise boat for Arctic waters.

The world's most eco-friendly bulk carrier *Haaga* has been delivered to ESL Shipping.

ESL Shipping. 20 August 2018. Available from: <https://www.eslshipping.com/en/news/the-worlds-most-eco-friendly-bulk-carrier-haaga-has-been-delivered-to-esl-shipping> The next-generation bulk carrier *Haaga* has today been delivered to ESL Shipping from Jinling Shipyard in Nanjing,

NYK signs MOU to examine business to reduce steel corrosion on ships. *NYK Line*.

21 August 2018. Available from: https://www.nyk.com/english/news/2018/1191304_1687.html NYK has signed a memorandum of understanding with Toyokoh Inc. to examine a joint business development utilizing Toyokoh's "CoolLaser" technology in the maritime field.

Video: World's 1st LNG-powered cruise ship sees the light of day. *World Maritime News*.

22 August 2018. Available from: <https://worldmaritimeneews.com/archives/259237/> It took almost two hours to float out AIDA Cruises' newbuilding in the evening hours of August 21.

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*](#)

SHIPPING

Contaminated marine fuels clog ship engines in Singapore hub -surveyor.

By Roslan Khasawneh. *Reuters*. 27 July 2018. Available from:

<https://af.reuters.com/article/commoditiesNews/idAFL4N1UN36X> Contaminated marine fuel that clogs and damages ship engines has been found in Singapore, the world's largest ship refuelling hub, according to sources and an alert sent to clients by a marine fuel surveying company.

Blockchain for bunker fuels: New initiative to track shipping fuel supply chain.

By James Murray. *Business Green*. 30 July 2018. Available from:

<https://www.businessgreen.com/bg/news/3036746/blockchain-for-bunker-fuels-new-initiative-to-track-shipping-fuel-supply-chain> A number of leading players in the global shipping industry have teamed up to support a new project to harness blockchain technologies designed to improve the traceability of the shipping fuel supply chain.

Update: HMM considers foreign class societies for mega box ships. **By Xiaolin Zeng.** *Fairplay*.

30 July 2018. Available from: <https://fairplay.ihs.com/containers/article/4304796/update-hmm-considers-foreign-class-societies-for-mega-box-ships> South Korean liner operator Hyundai Merchant Marine (HMM) is considering choosing a foreign classification society to class the majority of the mega container ships it is to order.

Contaminated fuels: IBIA update and request for support to develop solutions.

International Bunker Industry Association (IBIA). 31 July 2018. Available from:

<http://ibia.net/contaminated-fuels-ibia-update-and-request-for-support-to-develop-solutions/> Since we published our comment on 15 June on the very serious issues with contaminated fuel faced by ship owners in the US Gulf there has been no meaningful resolution.

Former IACS chairman aims to drive the digital discourse. **By Nick Savvides.** *Fairplay*.

31 July 2018. Available from: <https://fairplay.ihs.com/markets/article/4304671/former-iacs-chairman-aims-to-drive-the-digital-discourse> A talent for describing shipping developments using well-known song lyrics is just one of the ways that Knut Ørbeck-Nilssen, the immediate past chairman of the International Association of Classification Societies (IACS), seeks to simplify complex concepts.

Venezuela joins WISTA International. *Hellenic Shipping News*. 31 July 2018. Available from: <https://www.hellenicshippingnews.com/venezuela-joins-wista-international/> The Women's International Shipping & Trading Association (WISTA) continues its expansion in South America, welcoming WISTA Venezuela.

ICS on track to meet challenges of the future. By Vincent Wee. *Seatrade Maritime News*. 1 August 2018. Available from: <http://www.seatrade-maritime.com/news/europe/ics-on-track-to-meet-challenges-of-the-future.html> Speaking to *Seatrade Maritime News* in Hong Kong as part of their swing through Asia, current secretary general Peter Hinchliffe and secretary general-designate Guy Platten emphasised two key themes: the importance of Asia and the need to prepare the organisation for the future.

Don't bet on cheap HSFO if not enough ships have scrubbers . By Darrin Griggs. *TradeWinds*. 2 August 2018. Available from: <http://www.tradewindsnews.com/passengerships/1543756/dont-bet-on-cheap-hsfo-if-not-enough-ships-have-scrubbers> Bunker prices, in almost perfect lockstep with the price of crude for decades, have shown a tight gap between wholesale to suppliers and retail to shipowners, but that mechanism may be dismantled for high-sulphur fuel oil (HSFO) in 2020.

Trade is running hot in the ice cold Arctic. By Terry Macalister. *TradeWinds*. 2 August 2018. Available from: <http://www.tradewindsnews.com/casualties/1544612/trade-is-running-hot-in-the-ice-cold-arctic> While many of us fly south for beach holidays in the sun, more and more ships head north for commerce in the cold.

Oil industry starts eradicating ship fuel supply before IMO 2020.

By Jack Wittels and Alfred Cang. *Bloomberg*. 3 August 2018. Available from: <https://www.bloomberg.com/news/articles/2018-08-02/oil-industry-starts-eradicating-ship-fuel-supply-before-imo-2020> Shippers beware: oil refineries are starting to eradicate stockpiles of sulfur-rich fuel that powers the merchant fleet in anticipation of a demand collapse in fewer than 18 months.

Peterside charges stakeholders to support regulators for industry growth.

By Eromosele Abiodun. *This Day (Nigeria)*. 3 August 2018. Available from: <https://www.thisdaylive.com/index.php/2018/08/03/peterside-charges-stakeholders-to-support-regulators-for-industry-growth/> The Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA) Dr. Dakuku Peterside, has stated that creating additional agencies in the maritime sector would only overburden the sector.

Teekay Tankers encouraged by unseasonal dirty freight volatility, scrapping, IMO.

By Barbara Troner. *S&P Global Platts*. 3 August 2018. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/080318-teekay-tankers-encouraged-by-unseasonal-dirty-freight-volatility-scrapping-imo> The return of counterseasonal volatility to the midsized tanker market in the third quarter was met with optimism Thursday by Teekay Tankers, in particular since the company in May and June negotiated sale-leaseback agreements for 13 mid-sizes for a liquidity boost of about \$110 million.

BIMCO ECSA leadership meeting in Athens. *European Community Shipowners' Associations (ECSA)*. 3 August 2018. Available from: <https://www.ecsa.eu/news/bimco-ecsa-leadership-meeting-athens> The BIMCO President, Mr Anastasios Papagiannopoulos and ECSA President, Mr Panos Laskarides met in Athens recently to discuss areas of cooperation and further alignment between the two leading associations representing shipowners globally and in Europe respectively.

The Interview: Peter Hinchliffe. By Anastassios Adamopoulos. *Lloyd's List*. 3 August 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1123716/The-Interview-Peter-Hinchliffe> Peter Hinchliffe has left behind the International Chamber of Shipping after 17 years, eight of them at its helm.

LNG to become the fuel of choice for shipping? By Alain Bourgeois. *Maritime Executive*. 4 August 2018. Available from: <https://www.maritime-executive.com/blog/lng-to-become-the-fuel-of-choice-for-shipping> Looking at LNG as a marine fuel, the IEA, in their 2017 World Energy Outlook estimates the market potential to 26 million tons per annum by 2030.

Ship insurer UK P&I Club opts for Rotterdam as hub due to Brexit. By Jonathan Saul. *Reuters*. 6 August 2018. Available from: <https://uk.reuters.com/article/uk-p-i-club-hub/ship-insurer-uk-pi-club-opts-for-rotterdam-as-hub-due-to-brex-it-idUKKBN1KR1RA> British ship insurer UK P&I Club is in the process of setting up a subsidiary in the Dutch port city of Rotterdam to ensure continued access to trade in the European Union in case Britain loses single market access, its chief executive said.

Empowered women serving others. *The Gleaner (Jamaica)*. 7 August 2018. Available from: <http://jamaica-gleaner.com/article/shipping/20180807/empowered-women-serving-others> Shipping Association of Jamaica's President, Mrs Denise Lyn Fatt presented a speech to the students at the closing ceremony of the Women in Maritime Association of Jamaica's Underwater Robotics Summer Camp that was held at the GraceKennedy STEM Centre recently.

Live Export: Talk of city/country divide is insulting. By Bidda Jones. *Maritime Executive*. 7 August 2018. Available from: <https://www.maritime-executive.com/editorials/live-export-talk-of-city-country-divide-is-insulting> Positioning the live export issue as a "city/country divide" is insulting to the vast majority of concerned Australians and shows that live export advocates are still in denial about the very real problems in their industry.

Live animal export: As one DAWR opens, another Daw closes. By Lynn Simpson. *Splash 247.com*. 7 August 2018. Available from: <https://splash247.com/live-animal-exports-as-one-dawr-opens-another-daw-closes/> What's happening with the live export of sheep from Australia, I keep getting asked.

Liberia flag boosts e-certificate security with QR codes. By Vincent Wee. *Seatrade Maritime News*. 8 August 2018. Available from: <http://www.seatrade-maritime.com/news/americas/liberia-flag-boosts-e-certificate-security-with-qr-codes.html> WayPoint was launched in late-2016 to provide the owners and operators of Liberian-flag ships with secure, real-time, user-friendly access to their fleet details, as well as to facilitate International Convention certification applications.

Pacific Community finalist for top Maritime Award. *Samoa Observer*. 9 August 2018. Available from: http://samoaoobserver.ws/en/09_08_2018/local/35787/Pacific-Community-finalist-for-top-Maritime-Award.htm The Pacific Community (S.P.C.) as host institution of the Maritime Technology Cooperation Centre in the Pacific (M.T.C.C.-Pacific), has been named a finalist for the 2018 Lloyd's List Asia Pacific Awards.

Industry views: addressing gender inequality in the maritime sector. By Adele Berti. *Ship-Technology.Com*. 9 August 2018. Available from: <https://www.ship-technology.com/features/industry-views-addressing-gender-inequality-maritime-sector/> As the industry prepares to face a shortage of 147,500 officers due to several factors, including an ageing workforce and lack of skills diversity, the chance of this percentage decreasing is concerning.

SEALNG reaches new markets with new member ÉNESTAS. *SEALNG*. 9 August 2018. Available from: <https://sea-lng.org/sealng-reaches-new-markets-with-new-member-enestas/> SEALNG, the multi-sector industry coalition aiming to accelerate the widespread adoption of liquefied natural gas (LNG) as a marine fuel, today announced that it has welcomed Mexico-based ÉNESTAS to its membership coalition.

IBM-Maersk Blockchain platform adds 92 clients as part of global launch.

By Michael del Castillo. *Forbes*. 9 August 2018. Available from:

<https://www.forbes.com/sites/michaeldelcastillo/2018/08/09/ibm-maersk-blockchain-platform-adds-92-clients-as-part-of-global-launch-1/> Some of the largest supply chain companies in the world have begun the process of moving their work to a blockchain.

China ministry seeks feedback on plan to use LNG as marine fuel. By Chen Aizhu. *Reuters*.

10 August 2018. Available from: <https://af.reuters.com/article/commoditiesNews/idAFL4N1V125T> China's Ministry of Transport said on Friday it is soliciting feedback from oil companies, shipowners' and port associations, and marine authorities for a plan to use liquefied natural gas (LNG) as a marine bunker fuel.

Contaminated fuels - an INTERTANKO critical review. *INTERTANKO*. 13 August 2018.

Available from: <https://www.intertanko.com/News-Desk/Home-Page-Article/Contaminated-Fuels--An-INTERTANKO-Critical-Review/> This is a message to our Members containing a Critical Review by INTERTANKO of the challenging experiences that a large number of ships, including many tankers, have encountered over some five months.

Former Baltic Exchange chairman urges UK maritime to prepare for no deal Brexit.

By Paul Stuart Smith. *Fairplay*. 13 August 2018. Available from:

<https://fairplay.ihs.com/commerce/article/4305311/former-baltic-exchange-chairman-urges-uk-maritime-to-prepare-for-no-deal-brexite> Former Baltic Exchange chairman Quentin Soanes has urged the UK maritime industry to accept the possibility that the UK government and the European Union (EU) may not reach agreement on the terms of a future trade deal before the UK leaves the EU on 29 March 2019 and to prepare accordingly.

Livestock expert Dr Lynn Simpson unveils dramatic new podcast series. By Sam Chambers.

Splash 247.com. 13 August 2018. Available from: <https://splash247.com/livestock-expert-dr-lynn-simpson-unveils-dramatic-new-podcast-series/> Splash's livestock expert Dr Lynn Simpson, whose searing articles for this site have helped bring change to the sector, has a new podcast series.

Container line Hapag-Lloyd announces scrubber, LNG trials for IMO 2020 compliance.

By Jack Jordan. *S&P Global Platts*. 13 August 2018. Available from:

<https://www.spglobal.com/platts/en/market-insights/latest-news/natural-gas/081318-container-line-hapag-lloyd-announces-scrubber-lng-trials-for-imo-2020-compliance> Container line Hapag-Lloyd has selected three of its vessels to use LNG bunkering and scrubbers as pilot projects to try out alternative means of complying with the International Maritime Organization's stricter sulfur controls in 2020.

The dilemma of fitting scrubbers. *Drewry Shipping Consultants*. 14 August 2018.

Available from: <https://www.drewry.co.uk/maritime-research-opinion-browser/maritime-research-opinions/the-dilemma-of-fitting-scrubbers> The uncertainty about what will happen to bunker prices after 2020 is creating something of a dilemma for tanker owners.

The eco argument. By Wendy Laursen . *Maritime Executive*. 14 August 2018.

Available from: <https://maritime-executive.com/magazine/the-eco-argument> A.P. Moller-Maersk CEO Soren Skou estimates that the upcoming restrictions on sulfur emissions could increase annual fuel costs for the shipping industry by over \$50 billion.

Gibraltar ship stripped of flag amid dispute over migrants stranded at sea. By Jessie Yeung.

CNN. 14 August 2018. Available from: <https://edition.cnn.com/2018/08/14/europe/aquarius-migrants-stranded-intl/index.html> Gibraltar has moved to strip a stranded migrant rescue ship of its registration amid a row over which country is responsible for taking in the 141 desperate migrants, including dozens of children, on board.

IUMI to appoint its first UK president. By Jon Guy. *Fairplay*. 14 August 2018.

Available from: <https://fairplay.ihs.com/safety-regulation/article/4305326/iumi-to-appoint-its-first-uk-president> Members of the International Union of Marine Underwriters (IUMI) are to be told that the organisation's nominating committee is to recommend Richard Turner as the organisation's new president.

Women in maritime: The challenge of change. By Jillian Carson-Jackson. *DCN - Daily Cargo News (Australia)*. 15 August 2018. Available from: <http://www.thedcn.com.au/women-in-maritime-the-challenge-of-change/> I'd like to start off with a story... are you sitting comfortably?

New fuel rules push shipowners to go green with LNG / ANALYSIS. *MediTelegraph (Italy)*. 16 August 2018. Available from: <https://bit.ly/2Q5QQ4g> Tough new rules on marine fuel are forcing shipowners to explore liquefied natural gas as a cleaner alternative and ports such as Gibraltar are preparing to offer upgraded refuelling facilities in the shipping industry's biggest shake-up in decades.

Live animal export: The global trade is dying. By Lynn Simpson. *Splash 247.com*. 16 August 2018. Available from: <https://splash247.com/live-animal-export-the-global-trade-is-dying/> Too many animals have died at sea during 'live' export; no sane person could dispute that.

NIMASA to disburse \$124m cabotage fund to indigenous shipowner. By Yusuf Babalola. *Leadership (Nigeria)*. 16 August 2018. Available from: <https://leadership.ng/2018/08/16/nimasa-to-disburse-124m-cabotage-fund-to-indigenous-shipowner/> The Nigerian Maritime Administration and Safety Agency (NIMASA) has disclosed that indigenous shipowners intervention fund also known as Cabotage Vessel Finance Funds (CVFF) has risen to \$124million, saying it would disburse it between now and January 2019.

Shippers slow down to protect whales after close calls in the San Francisco Bay. By Timothy Didion. *ABC7 News (US)*. 16 August 2018. Available from: <https://abc7news.com/pets-animals/shippers-slow-down-to-protect-whales-after-close-calls-in-the-bay/3976712/> Last year environmentalists around the Bay Area were shocked by images of a pleasure boat running into a Humpback Whale.

What's at stake as the shipping industry shifts to cleaner fuel. *Bloomberg*. 17 August 2018. Available from: <https://bloom.bg/2KYiX1C> It's a game changer for refiners and the shipping industry.

The Lloyd's List Podcast: Bad bunkers. *Lloyd's List*. 17 August 2018. Available from: <https://bit.ly/2QejBMn> This week on the Lloyd's List podcast, we are turning our attention to the growing industry concern surrounding the issue of contaminated bunker fuel.

State to revive Kenya National Shipping Line. *The Star (Kenya)*. 17 August 2018. Available from: https://www.the-star.co.ke/news/2018/08/17/state-to-revive-kenya-national-shipping-line_c1804071 President Uhuru Kenyatta yesterday witnessed the signing of an MoU between the Ministry of Transport and the Mediterranean Shipping Company for the revival of Kenya National Shipping Line.

German shipping company starts operation in Kenya. By Lee Mwiti. *Standard Digital (Kenya)*. 18 August 2018. Available from: <https://www.standardmedia.co.ke/business/article/2001292346> Hapag-Lloyd, the world's fifth largest container shipping company, has made its way into the Kenyan shipping industry.

The economics of a 36 year old containership. By Michael Grey. *Seatrade Maritime News*. 20 August 2018. Available from: <http://www.seatrade-maritime.com/news/europe/ships-that-will-never-grow-old.html> What makes a ship redundant?

Shipping companies ready to fight contaminated bunker. By Tomas Kristiansen and Niklas Krigslund. *ShippingWatch*. 21 August 2018. Available from: <https://shippingwatch.com/secure/carriers/article10816165.ece> Several shipping companies are ready to work together to solve the problems with contaminated bunker oil that has spread to ports across the globe and resulted in numerous damage claims.

Making the Philippines a flag of choice. By Brenda V.Pimentel. *Manila Times*. 21 August 2018. Available from: <https://www.manilatimes.net/making-the-philippines-a-flag-of-choice/432634/> I have been reading and hearing of the mantra "Make the Philippines a Flag of Choice" yet not much progress has been noted as the country's overseas merchant fleet continues to plunge.

Chinese Blockchain company targets Maritime Silk Road. *Maritime Executive*. 21 August 2018. Available from: <https://www.maritime-executive.com/article/chinese-blockchain-company-targets-maritime-silk-road> Chinese technology company Yuanben and Maritime Silk Road Platform, part of China's Zhuozhi Logistics Group, have signed an agreement to provide blockchain services for global maritime freight.

NABU Cruise Ship Ranking 2018: AIDA at the top. *NABU (Nature and Biodiversity Conservation Union)*. 21 August 2018. Available from: <https://en.nabu.de/news/2018/25037.html> Just one newly built cruise ship renounces to use toxic heavy fuel oil (HFO) as fuel and uses a less polluting fuel.

Wärtsilä's smart technology hub. *Wärtsilä Corporation*. 21 August 2018. Available from: <https://www.wartsila.com/sth> Wärtsilä is building the Smart Technology Hub, a new centre of research, product development and production, in Vaskiluoto, Vaasa.

Maersk ship surpasses 19,000 teu. By Rijuta Dey Bera. *TradeWinds*. 21 August 2018. Available from: <http://www.tradewindsnews.com/liner/1560229/maersk-ship-surpasses-19000-teu> AP Moller-Maersk says it has broken a world record by putting more than 19,000 teus of boxes on a containership.

Marshall Islands Registry: A look towards the future. By Bill Gallagher. *Hellenic Shipping News*. 22 August 2018. Available from: <https://www.hellenicshippingnews.com/marshall-islands-registry-a-look-towards-the-future/> Bill Gallagher, President, IRI, reflects on how a changing industry has created an opportunity for growth.

Empowering young women for the Blue Economy. By Mary Nnah. *This Day (Nigeria)*. 22 August 2018. Available from: <https://www.thisdaylive.com/index.php/2018/08/22/empowering-young-women-for-the-blue-economy/amp/> In a bid to change the situation where most sectors of the economy are controlled and peopled by men, MMS Plus Woman of Fortune Hall of Fame (WoFHoF) recently brought together young women from various fields of the economy to brainstorm on how and why more women should be involved in the 'Blue Economy'.

Clean Arctic Alliance challenges Maersk on Arctic shipping fuel. *Clean Arctic Alliance*. 22 August 2018. Available from: <https://www.hfofreearctic.org/en/2018/08/22/clean-arctic-alliance-challenges-maersk-on-arctic-shipping-fuel/> Responding to news that the world's largest container ship operator, Maersk, plans to run a trial crossing of the Arctic's Northern Sea Route - along the coast of Russia, between the Pacific and the Atlantic, Clean Arctic Alliance Lead Advisor Sian Prior said: "The Clean Arctic Alliance challenges Maersk to come clean on what fuel the *Venta Maersk* will use when crossing Arctic waters - and for Maersk, its customers, and its competitors to commit to never using the world's dirtiest fuel - heavy fuel oil (HFO) - to power ships in the Arctic."

Mediterranean Shipping Company praised in Save the Whales Campaign. *Handy Shipping Guide*. 22 August 2018. Available from: https://www.handyshippingguide.com/shipping-news/mediterranean-shipping-company-praised-in-save-the-whales-campaign_9313

Last week, the National Oceanic and Atmospheric Administration (NOAA) and the Cordell Bank and Greater Farallones national marine sanctuaries, off the US Pacific coast, honoured giant container line Mediterranean Shipping Company (MSC), and a handful of other global shipping firms that have shown a high degree of cooperation with their vessel speed reduction requests to help prevent disastrous vessel collisions with whales, as well as improve the local air quality.

"Better Shipping for a Better Future" student art program contest winners.

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

<http://mariners.coastguard.dodlive.mil/2018/08/22/8-22-2018-better-shipping-for-a-better-future-student-art-program-contest-winners/> The Coast Guard is pleased to announce the winners and congratulate students who participated in the 2018 student art contest co-sponsored by the U.S. Coast Guard, the North American Marine Environment Protection Association (NAMEPA), and the Inter-American Committee on Ports of the Organization of American States (CIP-OAS).

WISTA committed to women in maritime industry. By Claudia Ohlmeier. *Hamburg News*.

22 August 2018. Available from: <https://www.hamburg-news.hamburg/en/port-logistics/wista-supporting-female-specialists-and-executives/> The higher the proportion of female executives in top management, the higher the likelihood of above-average business success, according to the McKinsey study Delivering Through Diversity.

Maersk will use low sulfur fuel on first voyage in Arctic. By Niklas Krigslund. *ShippingWatch*.

23 August 2018. Available from: <https://shippingwatch.com/secure/carriers/article10822127.ece> Maersk Line will use ultra-low sulfur fuel on its test voyage in the Arctic.

President Vladimir Putin supports LNG as marine fuel in the Arctic. *Port News*. 23 August 2018.

Available from: <http://www.en.portnews.ru/news/263278/> The proposal of President of the Republic of Finland Sauli Niinistö to use LNG as fuel in the Arctic "is absolutely correct" Russian President Vladimir Putin said at his joint press conference with Finland's President, the Kremlin press office said.

Chrome cargoes causing confusion in Mozambique. *North P&I Club*. 23 August 2018.

Available from: <http://www.nepia.com/insights/industry-news/chrome-cargoes-causing-confusion-in-mozambique/> Shippers exporting chrome-based bulk cargoes from Mozambique are using several different terms to describe the cargo.

The new gas market: Shipowners mandated to clean up the air. *Oil & Gas 360*.

23 August 2018. Available from: <https://www.oilandgas360.com/the-new-gas-market-shipowners-mandated-to-clean-up-the-air/> The global shipping industry could become a new market for liquefied natural gas, thanks to a drastic change in maritime law that aims to curb air pollution.

Container shipping in the Arctic: Why (not) now? *World Maritime News*. 23 August 2018.

Available from: <https://worldmaritimenews.com/archives/259324/> A.P. Moller Maersk has always been an industry front runner when speaking about the exploration and adoption of innovative technologies and trends.

Clean Arctic Alliance challenges Canada's Fednav on Arctic shipping fuel. *Clean Arctic Alliance*.

23 August 2018. Available from: <https://www.hfoffreearctic.org/en/2018/08/23/clean-arctic-alliance-challenges-canadas-fednav-on-arctic-shipping-fuel/> Responding to news that Australian mining company Ironbark Zinc will charter the world's largest icebreaking bulk carrier, the *Nunavik* - owned by Canadian shipping company Fednav - for its zinc mining operations in northern Greenland, Clean Arctic Alliance Lead Advisor Sian Prior said: "The Clean Arctic Alliance challenges Fednav and its customers, like Ironbark Zinc, to commit to never using the world's dirtiest fuel - heavy fuel oil (HFO) - to power ships like the *Nunavik* when they sail in Arctic waters".

FUTURE GENERATIONS: The shipping folk, they are a changin'. By Lina Maria Corrigan.

DCN - Daily Cargo News (Australia). 24 August 2018. Available from:

<http://www.thedcn.com.au/future-generations-the-shipping-folk-they-are-a-changin/>

When people ask why I chose to work in the shipping industry, they are really asking, why is a girl wanting to work in such a male dominated area?

An audit of the environmental impact of shipping. Government Europa. 24 August 2018.

Available from: <https://www.governmenteuropa.eu/environmental-impact-of-shipping/90068/>

With fuel and renewable sources of energy powering ships across the world's oceans, the cost of these are a major component in the cost of ship operations.

Clean Arctic Alliance welcomes Russian-Finnish statement on cleaner Arctic shipping fuel.

Clean Arctic Alliance. 24 August 2018. Available from:

<https://www.hfoffreearctic.org/en/2018/08/24/clean-arctic-alliance-welcomes-russian-finnish-statement-on-cleaner-arctic-shipping-fuel/>

The Clean Arctic Alliance welcomes the joint statement by Russian President Vladimir Putin and Finnish President Sauli Niinisto on the need to move to cleaner ships' fuels such as LNG in the Arctic.

Industry frontrunners to collaborate in making 'green' propulsion a reality.

Wärtsilä Corporation. 24 August 2018. Available from: <https://www.wartsila.com/media/news/24-08-2018-industry-frontrunners-to-collaborate-in-making-green-propulsion-a-reality-2255265>

Three of the marine sector's major technology companies, WinGD, Wärtsilä and GTT, have agreed to collaborate in making the use of LNG (liquified natural gas) fuel a truly viable option for ship owners and operators.

Wind propulsion a realistic choice toward decarbonisation. Safety4Sea. 27 August 2018.

Available from: <https://safety4sea.com/cm-wind-propulsion-a-realistic-choice-toward-decarbonisation/>

In an exclusive interview with SAFETY4SEA, Mr. Gavin Allwright, Secretary of the International Windship Association (IWSA), mentions that industry has realized wind propulsion is a realistic choice for a more sustainable future and refers to the existing wind assisted marine projects.

Russia's Transport Ministry releases approval of service rules in merchant shipping.

Port News. 27 August 2018. Available from: <http://portnews.ru/news/263425/> The Russian Ministry of Justice has registered the Order No. 224 of the Ministry of Transport of the Russian Federation dated 06.04.2018 "On Approval of the Regulations of Service on Russian Federation Merchant Fleet", Rosmorrechflot said.

Bad bunkers: As many as 200 vessels now affected. Ship & Bunker. 27 August 2018.

Available from: <https://shipandbunker.com/news/world/292849-bad-bunkers-as-many-as-200-vessels-now-affected>

As many as 200 vessels have now been affected by the recent spate of bad bunkers, double the previous total estimated in June.

Empowering women in the maritime community - Conference and call for papers.

World Maritime University (WMU). 28 August 2018. Available from:

<https://www.wmu.se/news/empowering-women-maritime-community-conference-and-call-papers>

To address the gender gap in the maritime, ports, fishing and related industries, the International Maritime Organization (IMO) announced that the World Maritime Day theme for 2019 is "Empowering Women in the Maritime Community".

Cockett CEO: Not our job to enforce sulphur cap. By Jonathan Robins. Fairplay.

28 August 2018. Available from: <https://fairplay.ihs.com/commerce/article/4305766/cockett-ceo-not-our-job-to-enforce-sulphur-cap>

With less than 18 months to go until the International Maritime Organisation's (IMO's) 2020 sulphur cap comes into force, Cem Saral, chief executive officer of bunker reseller Cockett Marine Oil, remains concerned - although far from panicked - about the bunker industry's preparedness for the switchover.

Companies invited to join new UK centre for maritime research and innovation.

By Ben Murray. *Maritime UK*. 28 August 2018. Available from: <https://www.maritimeuk.org/media-centre/news/companies-invited-join-new-uk-centre-maritime-research-and-innovation/> Maritime UK, the umbrella body for the sector, is inviting companies to register interest in joining a new national initiative for maritime research and innovation.

LNG bunkering facilities around the world. By Adele Berti. *Ship-Technology.com*.

28 August 2018. Available from: <https://www.ship-technology.com/features/lng-bunkering-facilities-around-the-world/> The shipping industry is gradually turning to liquefied natural gas (LNG) as a fuel for ships and tankers amid concerns about the impact that traditional fuels, such as diesel, could have on the environment.

Taking it slow can help reduce impacts of Arctic shipping on whales (commentary).

By Matt Pine. *Mongabay*. 28 August 2018. Available from: <https://news.mongabay.com/2018/08/taking-it-slow-can-help-reduce-impacts-of-arctic-shipping-on-whales-commentary/> For 19th-century adventurers like Sir John Franklin, navigating a path through the ice-choked Northwest Passage - the Holy Grail of Arctic exploration - was a treacherous and often deadly undertaking.

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.

Maersk sees fuel bill soaring by \$2 billion from 2020 rules. *By Jack Wittels.* *Bloomberg*.

29 August 2018. Available from: <https://www.bloomberg.com/news/articles/2018-08-29/maersk-sees-fuel-bill-soaring-by-2-billion-from-2020-rules> The world's largest container shipping line says adhering to stricter environmental standards could add at least \$2 billion to its annual fuel bill from 2020, one of the clearest examples yet of how vessel owners will be affected by rules to curb sulfur emissions that take effect in 16 months' time.

Cruise lines ditching plastic: an environmental win for the sector? By Joe Baker.

Ship-Technology.Com. 29 August 2018. Available from: <https://www.ship-technology.com/features/plastic-straws-hurtigruten/> For years, plastic has steadily seeped into the world's oceans, marring coastlines with floating refuse and creating a major hazard for sea life.

The 2020 sulphur cap - Why you need to review your charter parties. *By Marcus Hand.*

Seatrade Maritime News. 30 August 2018. Available from: <http://www.seatrade-maritime.com/news/europe/the-2020-sulphur-cap-why-you-need-to-review-your-charter-parties.html> 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.

Europe's resurgent ro-ro sector. *Naval Architect*. September 2018. Available from:

https://www.rina.org.uk/Europes_resurgent_ro-ro_sector.html Surging investment in almost every sphere of European ro-ro operations, with the accent on higher capacity, more energy efficient and environmentally compliant tonnage, indicates a powerful rebound of the sector, against the backdrop of overall improvement in freight volumes and financial performance.

RESEARCH

Climate change and maritime security narrative: the case of the international maritime organisation. By B. Germond, F. W. Ha. *Journal of Environmental Studies and Sciences*. (2018).

Available from: <https://doi.org/10.1007/s13412-018-0509-2> Both climate change and maritime security are currently ranking high on states' and international organisations' political and governance agendas.

Competing with barnacle cement: wetting resistance of a re-entrant surface reduces underwater adhesion of barnacles. By D. S. Petersen, T. Kleinteich et al.

Journal of The Royal Society Interface. (2018). Available from:

<http://rsif.royalsocietypublishing.org/content/15/145/20180396.abstract> Surfaces with re-entrant topographies can repel liquids even of extremely low surface tension, almost independently of the material's inherent wettability.

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maritimeknowledgecentre@imo.org

About the cover

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