



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

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE (MKC)

“Sharing Maritime Knowledge”

CURRENT AWARENESS BULLETIN

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About the MKC Current Awareness Bulletin (CAB)

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

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

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IMO NEWS & EVENTS

WHAT'S NEW

UN agency pushes forward on shipping emissions reduction

IMO's Marine Environment Protection Committee (MEPC) pushed forward with a number of measures aimed at supporting the achievement of the objectives set out in the [initial IMO strategy](#) on reduction of greenhouse gas (GHG) emissions from ships, in line with the Paris Agreement under UNFCCC and the United Nations 2030 Agenda for Sustainable Development.

The MEPC 74 session (13-17 May) approved amendments to strengthen existing mandatory requirements for new ships to be more energy efficient; initiated the Fourth IMO GHG Study; adopted a resolution encouraging cooperation with ports to reduce emission from shipping; approved a procedure for the impact assessment of new measures proposed; agreed to establish a multi-donor trust fund for GHG; and agreed terms of reference for the sixth and seventh intersessional working groups to be held in November 2019 and in March 2020 respectively in order to expedite the work.

Also discussed were possible candidate short-term, mid- and long-term measures aiming at reducing GHG emissions from ships, to be further considered at next sessions. [More...](#)

Sulphur 2020 implementation – IMO issues additional guidance

The International Maritime Organization (IMO) has approved and adopted a comprehensive set of guidance and guidelines to support the consistent implementation of the lower 0.50% limit on sulphur in ships' fuel oil, which will enter into effect from 1 January 2020. Related draft MARPOL amendments were also approved

The [2020](#) rule will bring in considerable benefits for the environment and human health. The stricter limit will be applicable globally under IMO's MARPOL treaty. (In designated emission control areas (ECAs), the sulphur limit will remain at 0.10%.)

The 1 January 2020 implementation date was adopted in 2008 and confirmed in 2016. IMO has been working with Member States and the industry to support implementation of the new limit, including the preparation of amendments to MARPOL Annex VI and development of guidance and guidelines.

Enforcement, compliance with and monitoring of the 2020 sulphur limit is the remit and responsibility of States Party to MARPOL Annex VI. Most ships are expected to utilize new blends of fuel oil which will be produced to meet the 0.50% limit on sulphur in fuel oil or compliant marine gas/diesel oil. [More...](#)

IMO MEETINGS FOR 2019

[Marine Environment Protection Committee \(MEPC\), 74th session](#) 13 – 17 May 2019

LATEST PRESS BRIEFINGS

[Global problem, local actions](#)

Briefing: 09, May 15, 2019

[UN agency launches new global project to tackle maritime GHG emissions](#)

Briefing: 08, May 13, 2019

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

[International seminar on ship recycling - towards the early entry into force of the Hong Kong convention \(IMO Headquarters, London\)](#), 10 May 2019

Marine Environment Protection Committee (MEPC), 74th session 13 – 17 May 2019
([Opening](#) and [Closing](#) Address)

IMO NEWS MAGAZINE ([Spring 2019](#))

IMO PUBLISHING

[Just Published 2019](#)

[April/May 2019 Newsletter](#)

UNITED NATIONS

Secretary-General, at Leaders' Event, says huge investment in green development, climate-resilient infrastructure key to achieve zero emissions by 2050. *United Nations*. 27 April 2019. Available from: <https://www.un.org/press/en/2019/sgsm19557.doc.htm> Following are UN Secretary-General Antonio Guterres' remarks to the Leaders' Round Table on Promoting Green and Sustainable Development to Implement the 2030 Agenda for Sustainable Development, in Beijing today: I am deeply concerned about the climate crisis, and this is a matter I am very passionate about.

World is 'on notice' as major UN report shows one million species face extinction. *UN News*. 6 May 2019. Available from: <https://news.un.org/en/story/2019/05/1037941> A hard-hitting report into the impact of humans on nature shows that nearly one million species risk becoming extinct within decades, while current efforts to conserve the earth's resources will likely fail without radical action, UN biodiversity experts said on Monday.

Paradise islands of Pacific increasingly vulnerable to climate change, as UN boosts resilience. *UN News*. 10 May 2019. Available from: <https://news.un.org/en/story/2019/05/1038292> A seeming paradise, life on the Pacific islands is threatened by climate change and extreme weather, frustrated by remoteness and a lack of educational and economic opportunities.

Climate action: 4 shifts the UN chief encourages Governments to make. *UN News*. 12 May 2019. Available from: <https://news.un.org/en/story/2019/05/1038381> Speaking to young Maoris and people of the Pacific Islands in New Zealand on Monday, UN Secretary-General António Guterres said "nature does not negotiate" and emphasized four key measures that Governments should prioritize in order to reach carbon neutrality by 2050.

UN chief outlines 'intertwined challenges' of climate change, ocean health facing Pacific nations on the 'frontline'. *UN News*. 14 May 2019. Available from: <https://news.un.org/en/story/2019/05/1038521> Visiting Fiji for the first time as Secretary-General, António Guterres outlined two "fundamental challenges" facing leaders attending the Pacific Islands Forum on Tuesday, namely climate change and the world's rising ocean, which threatens to submerge low-lying nations.

Stop Tuvalu and 'the world from sinking' UN chief tells island nation facing existential threat from rising seas. *UN News*. 17 May 2019. Available from: <https://news.un.org/en/story/2019/05/1038661> Tuvalu "faces an existential threat from sea-level rise", the United Nations chief said during his visit to the Pacific island nation on Friday whose highest point is less than five metres above the waves.

UN chief calls for 'enlightened self-interest' from world leaders to save 'the whole planet' from climate change. *UN News*. 18 May 2019. Available from: <https://news.un.org/en/story/2019/05/1038731> Concluding a week-long visit to the South Pacific, United Nations Secretary-General António Guterres called on the world's decision-makers to make "enlightened" choices on climate action because "the whole planet" is at stake.

Amidst high trade tensions and policy uncertainty, UN cuts economic growth forecast. *UN News*. 21 May 2019. Available from: <https://news.un.org/en/story/2019/05/1038931> Against a backdrop of unresolved trade tensions, high international policy uncertainty and softening business confidence, the UN on Tuesday announced a broad-based slowdown in the global economy and cut its growth predictions.

General Assembly welcomes International Court of Justice opinion on Chagos Archipelago, adopts text calling for Mauritius' complete decolonization. *United Nations*. 22 May 2019.

Available from: <https://www.un.org/press/en/2019/ga12146.doc.htm> The General Assembly adopted a resolution today welcoming a 25 February 2019 International Court of Justice advisory opinion on the legal consequences of separating the Chagos Archipelago from Mauritius in 1965, demanding that the United Kingdom unconditionally withdraw its colonial administration from the area within six months.

End fossil fuel subsidies, and stop using taxpayers' money to destroy the world: Guterres.

UN News. 28 May 2019. Available from: <https://news.un.org/en/story/2019/05/1039241> The idea that subsidizing fossil fuels is a way to improve people's lives could not be more wrong, said the UN chief in the Austrian capital, Vienna, because it means spending taxpayers' money to "boost hurricanes, to spread droughts, to melt glaciers, to bleach corals: to destroy the world."

'Save Tuvalu; save the world'; UN chief echoes rallying cry from front lines of global climate emergency. *UN News*. 29 May 2019. Available from:

<https://news.un.org/en/story/2019/05/1039431> Further inaction on climate change is "simply not an option", United Nations Secretary-General António Guterres said on Wednesday in an opinion piece where he called for "rapid and deep change in how we do business, generate power, build cities and feed the world."

António Guterres (UN Secretary-General) on World Environment Day - 5 June 2019.

United Nations. 31 May 2019. Available from: <http://webtv.un.org/search/ant%C3%B3nio-guterres-un-secretary-general-on-world-environment-day-2019/6042327367001/> World Environment Day highlights how much we all rely on nature and on our planet's health.

World Oceans Day - 8 June 2019. *United Nations*. 31 May 2019. Available from:

<https://www.unworldoceansday.org/> This portal is your guide to this special celebration: check out and like events happening near you or around the world, dive into our event-planning and educational resources, discover the UN's Sustainable Development Goals, and much more!

CASUALTIES

The time has now come to scrap converted ore carriers. By Adam Corbett. *TradeWinds*.

30 April 2019. Available from: <https://www.tradewindsnews.com/casualties/1766935/the-time-has-now-come-to-scrap-converted-ore-carriers> After the Marshall Islands' damning report into the *Stellar Daisy* tragedy, the next voyage that converted ore carriers should consider is direct to the demolition yards.

Two crewmembers of Russian icebreaker die on Antarctic voyage. *Maritime Executive*.

30 April 2019. Available from: <https://www.maritime-executive.com/article/two-crewmembers-of-russian-icebreaker-die-on-antarctic-voyage> Two crewmembers of the icebreaking cargo ship *Vasily Golovnin* died during a voyage between Antarctica and South Africa, according to union officials.

Time to get serious over reporting casualties. By Nidaa Bakhsh. *Lloyd's List*. 30 April 2019.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1127045/Time-to-get-serious-over-reporting-casualties> Is safety in shipping really improving?

Saudi Arabia assists Iranian oil tanker in Red Sea, no injuries. By Mohamed El-Sherif and

Rania El Gamal. *Reuters*. 2 May 2019. Available from: <https://www.reuters.com/article/us-saudi-iran-ship/saudi-arabia-assists-iranian-oil-tanker-in-red-sea-no-injuries-idUSKCN1S802P> Saudi Arabia's coast guard assisted an Iranian oil tanker with engine trouble off the coast of Jeddah in the Red Sea after Riyadh received a request for help from Iran, the state news agency SPA said on Thursday.

One dead in fishing vessel fire off Catalonia. *Maritime Executive*. 5 May 2019. Available from: <https://www.maritime-executive.com/article/one-dead-in-fishing-vessel-fire-off-catalonia> 📰
One fisherman died and four were injured Friday when a fire broke out aboard a trawler off Port de la Selva, Catalonia.

Video: 13 people rescued from burning cargo ship in Sharjah. By Aghaddir Ali. *Gulf News (UAE)*. 8 May 2019. Available from: <https://gulfnews.com/uae/video-13-people-rescued-from-burning-cargo-ship-in-sharjah-1.1557310761509> 📰 The ship was loaded with 6,000 gallons of diesel, 120 vehicles and 300 tyres.

Volunteer rescue boat saves fishing vessel from flooding. *Maritime Executive*. 8 May 2019. Available from: <https://www.maritime-executive.com/article/volunteer-rescue-boat-saves-fishing-vessel-from-flooding> On Tuesday, a volunteer rescue crew from the German Maritime Search and Rescue Association saved a beam trawler from flooding with assistance from the German Navy.

14 injured in blast on Saipem pipe-layer. By Gary Dixon. *TradeWinds*. 10 May 2019. Available from: <https://www.tradewindsnews.com/casualties/1778155/14-injured-in-blast-on-saipem-pipe-layer> Fourteen crew have been injured in an explosion on a Saipem-operated pipe-layer in the Caspian Sea.

Stricken ship refloated after Solomons oil spill. *France 24*. 11 May 2019. Available from: <https://www.france24.com/en/20190511-stricken-ship-refloated-after-solomons-oil-spill> The ship at the centre of an environmental disaster near World-Heritage listed waters in the Solomon Islands was refloated Saturday after being stranded on a coral reef for more than three months.

Probe underway after Saudi oil tankers came under 'sabotage attack' off Fujairah. *Gulf News (UAE)*. 13 May 2019. Available from: <https://gulfnews.com/world/gulf/saudi/two-saudi-oil-tankers-came-under-sabotage-attack-off-uae-coast-1.1557726302971> Four commercial cargo ships were subjected to sabotage operations on Sunday, May 12, near UAE territorial waters in the Gulf of Oman, east of Fujairah.

Arab League SG condemns the acts of sabotage that targeted commercial vessels near UAE's territorial waters. *Saudi Press Agency (SPA)*. 13 May 2019. Available from: <https://www.spa.gov.sa/viewfullstory.php?lang=en&newsid=1923341> The Secretary-General of the Arab League, Ahmed Aboul Gheit has condemned in the strongest terms the acts of sabotage that targeted four commercial vessels near the territorial waters of the United Arab Emirates including two Saudi oil tankers in the Arabian Gulf, stressing that these criminal acts constitute a serious violation of the freedom and safety of trade and maritime transport routes that would raise the level of escalation in the region.

Mystery deepens as tanker attack damage revealed. By Gary Dixon. *TradeWinds*. 14 May 2019. Available from: <https://www.tradewindsnews.com/tankers/1780773/mystery-deepens-as-tanker-attack-damage-revealed> 📰 Photographs have revealed damage to a Norwegian tanker caught up in the Fujairah attack on Sunday.

Grimaldi Ro/Ro catches fire off Mallorca. *Maritime Executive*. 15 May 2019. Available from: <https://maritime-executive.com/article/grimaldi-ro-ro-catches-fire-off-mallorca> On Wednesday, 15 crewmembers were evacuated from the Grimaldi Lines ro/ro *Grande Europa* by helicopter after a fire broke out on board.

FIRE ON BOARD THE GRANDE EUROPA: Appreciation by the Grimaldi Group for the successful outcome of the firefighting operations on board the vessel. *Grimaldi Group*. 16 May 2019. Available from: https://www.grimaldi.napoli.it/en/read_151.html The Grimaldi Group announces that its ro/ro vessel *Grande Europa* was hit by a fire that broke out on board during the night of the 15th May, while she was sailing about 25 miles from Palma de Mallorca.

Seafarer remains missing after falling overboard the *Maersk Patras*. *Maersk*. 20 May 2019.

Available from: <https://www.maersk.com/news/articles/2019/05/20/seafarer-remains-missing-after-falling-overboard-the-maersk-patras> Sunday morning, *Maersk Patras* reported man overboard in the Saint Lawrence River.

***Grande America* sinking shows profitability more important than crew.** *Nautilus International*.

20 May 2019. Available from: <https://www.nautilusint.org/en/news-insight/news/grande-america-sinking-shows-profitability-more-important-than-crew/> The sinking of the *Grande America* roll-on/roll-off containership off France in March shows that profitability is more important than human life, security and the environment, according to French FOMM-CGT maritime officers' union general secretary Jean-Philippe Chateil.

Cal maritime training ship bumps shoreside crane on arrival in Barbados - Incident Video.

gCaptain. 22 May 2019. Available from: <https://gcaptain.com/cal-maritime-training-ship-bumps-shoreside-crane-barbados-video/> Cal Maritime's Training Ship *Golden Bear* sustained minor damage after one of its masts hit a shoreside gantry crane as it arrived in Barbados on Tuesday during its 2019 cruise.

ITF says Maersk seafarer fell overboard while unlashng. By Dale Wainwright. *TradeWinds*.

24 May 2019. Available from: <https://www.tradewindsnews.com/casualties/1790890/itf-says-maersk-seafarer-fell-overboard-while-unlashng> Union calls on Transport Canada to stop practice on St Lawrence River after seafarer's death.

Listing vessel safe and on even keel after ballast transfer. *UK Maritime & Coastguard Agency*.

24 May 2019. Available from: <http://hmcoastguard.blogspot.com/2019/05/listing-vessel-safe-and-on-even-keel.html> The '*MSC Matilde*' is safe and on an even keel after listing earlier this morning in Gladstone Dock on the River Mersey.

Chemical cargo catches fire in Thai port, three piers closed. By Panarat Thepgumpanat.

Reuters. 25 May 2019. Available from: <https://uk.reuters.com/article/uk-thailand-fire/chemical-cargo-catches-fire-in-thai-port-three-piers-closed-idUKKCN1SV0CS> Flames ripped through a load of cargo including chemicals in Thailand's eastern Laem Chabang port on Saturday, forcing officials to evacuate workers and temporarily close three piers, authorities said.

Russia must release detained Ukrainian sailors - maritime tribunal. By Christoph Steitz.

Reuters. 25 May 2019. Available from: <https://uk.reuters.com/article/uk-ukraine-crisis-azov/russia-must-release-detained-ukrainian-sailors-maritime-tribunal-idUKKCN1SV0C5> Moscow must release 24 sailors who were aboard three Ukrainian vessels it intercepted in November as they crossed a strait between Russian-annexed Crimea and southern Russia, an international maritime tribunal said on Saturday.

Three missing after one ship sinks following collision off Chiba Prefecture. *Japan Times*.

26 May 2019. Available from: <https://www.japantimes.co.jp/news/2019/05/26/national/four-missing-japan-flagged-cargo-ship-sinks-collision-off-chiba-prefecture> Three people remained missing as of Sunday evening after two Japanese cargo ships collided during the early morning hours off the coast of Chiba Prefecture, the Japan Coast Guard said.

Ten killed by carbon dioxide leak on Chinese cargo ship. By Kinling Lo. *South China Morning Post*.

26 May 2019. Available from: <https://www.scmp.com/news/china/society/article/3011857/ten-killed-carbon-dioxide-leak-chinese-cargo-ship> Ship's third officer detained over accident that took place during repair work at dock in Shandong province.

Chemical blast onboard KMTC feeder sends more than 200 to hospital. By Jason Jiang.

Splash 247.com. 27 May 2019. Available from: <https://splash247.com/chemical-blast-onboard-kmtc-feeder-sends-more-than-200-to-hospital/> The Thai authorities continue to investigate the huge fire onboard the 21-year-old boxship *KMTC Hongkong* that saw more than 200 people head to hospital.

Ten die following carbon monoxide leak on Fujian Shipping bulker. By Andy Pierce.

TradeWinds. 27 May 2019. Available from: <https://www.tradewindsnews.com/drycargo/1791932/ten-die-following-carbon-monoxide-leak-on-fujian-shipping-bulker> Ten people have died following a carbon monoxide leak on board a Fujian Shipping bulker at a repair yard in China.

Crewmember found dead in sunken freighter. NHK World (Japan Broadcasting Corporation).

28 May 2019. Available from: https://www3.nhk.or.jp/nhkworld/en/news/20190528_31/ A crewmember has been found dead inside a cargo ship that sank off eastern Japan in a collision with another freighter on Sunday.

\$34m super-yacht falls from cargoship. By Gary Dixon. TradeWinds. 28 May 2019.

Available from: <https://www.tradewindsnews.com/casualties/1793208/usd-34m-super-yacht-falls-from-cargoship> A \$34m luxury yacht has been lost from a cargoship that encountered a storm in the Mediterranean.

Huge disparity in additional premiums in wake of Fujairah attacks adds to confusion.

By Sam Chambers. *Splash 247.com*. 28 May 2019. Available from: <https://splash247.com/huge-disparity-in-additional-premiums-in-wake-of-fujairah-attacks-adds-to-confusion/> A huge disparity in additional premiums for the new Listed Areas in the Middle East, leveraged in the wake of attacks on four tankers off Fujairah on May 12, is creating confusion between charterers and owners heading to the volatile region.

7 S. Koreans dead, 7 rescued, 19 missing in Hungary cruise boat sinking. Arirang News.

29 May 2019. Available from: <https://www.youtube.com/watch?v=JhiToZKLVsg> A boat carrying a group of Korean tourists sank in the Danube river in Budapest on Wednesday.

The Latest: Police take cruise ship captain into custody. Associated Press. 30 May 2019.

Available from: <https://www.apnews.com/44397ace9e354a79b71c56d8cc630887> South Korea is sending its own rescue workers to Hungary to support rescue efforts following a deadly boat accident in Budapest involving 33 South Koreans.

Hungary boat capsizes: Seven South Koreans die on Danube. BBC News. 30 May 2019.

Available from: <https://www.bbc.co.uk/news/world-europe-48454409> Seven South Korean tourists have died and another 21 people are missing after a boat sank on the Danube river in Hungary's capital, Budapest.

Hungary boat crash: Captain of vessel involved in collision arrested. BBC News. 31 May 2019.

Available from: <https://www.bbc.co.uk/news/world-europe-48468701> The captain of a vessel that collided with a small tour boat on the Danube in Budapest, resulting in at least seven deaths, has been arrested, police say.

ENVIRONMENT

Getting hotter underwater. By Harrison Tasoff. *University of California*. 29 April 2019. Available from: <https://www.news.ucsb.edu/2019/019447/getting-hotter-underwater> UC Santa Barbara ecologist finds that marine animals are more vulnerable to global warming than those on land.

Drought hits Panama Canal shipping, highlights climate fears. By Juan Zamorano and Arnulfo Franco. *Associated Press*. 30 April 2019. Available from: <https://www.apnews.com/f0ab0672ca284c01b0ced4a648c48d88> An intense drought related to this year's El Niño phenomenon has precipitously lowered the level of Panama's Gatun Lake, forcing the country's Canal Authority to impose draft limits this week on ships moving through the waterway's recently expanded locks.

As global shipping grows, prepare for a surge of invasive species. By Charles Q. Choi. *Hakai Magazine*. 1 May 2019. Available from: <https://www.hakaimagazine.com/news/as-global-shipping-grows-prepare-for-a-surge-of-invasive-species/> Scientists are predicting a dramatic uptick in the rate of species introductions as economies grow and the climate changes.

Environmental protection of the Bahamian seas. *Nassau Guardian (Bahamas)*. 1 May 2019. Available from: <https://thenassauguardian.com/2019/05/01/environmental-protection-of-the-bahamian-seas/> Jealously guarding the marine environment has long been on the front-burner of Bahamian environmentalists and successive Bahamian governments.

ADB Launches \$5 Billion Healthy Oceans Action Plan. *Asian Development Bank (ADB)*. 2 May 2019. Available from: <https://www.adb.org/news/adb-launches-5-billion-healthy-oceans-action-plan> The Asian Development Bank (ADB) today launched the Action Plan for Healthy Oceans and Sustainable Blue Economies for the Asia and Pacific region at the 52nd Annual Meeting of ADB's Board of Governors in Fiji.

Deep clean: How 'blue finance' can save our oceans. *Asian Development Bank (ADB)*. 2 May 2019. Available from: <https://blogs.adb.org/blog/deep-clean-how-blue-finance-can-save-our-oceans> The world's oceans are running out of breath.

G7 meeting in Metz to take action on the environment. *Radio France Internationale (RFI)*. 5 May 2019. Available from: <http://en.rfi.fr/environment/20190505-g7-ministers-meet-metz-action-environment-climate-change> Environmental ministers from G7 countries gathered on Sunday in the French city of Metz, to discuss concrete climate actions and adopt a charter on biodiversity.

What role do emissions from international shipping and aviation play in the global climate, and what do those sectors need to do to help keep warming below 1.5 degrees Celsius? By Casey Ivanovich. *Environmental Defense Fund (EDF)*. 6 May 2019. Available from: <https://bit.ly/2lrgrBj> In advance of the United Nations Secretary General's climate summit in September, many countries are vowing to ramp up their Paris agreement commitments to help limit the increase in global temperatures to 1.5 degrees Celsius.

Here are 6 signs that the future for our oceans is not all bad. *World Economic Forum*. 8 May 2019. Available from: <https://www.weforum.org/agenda/2019/05/6-recent-signs-of-hope-for-the-ocean/> It's easy to lose sight of good news amid the barrage of negative stories about the threats facing the ocean—everything from growing plastic pollution to dying coral reefs.

World Migratory Bird Day: birds globally threatened by plastic waste. *United Nations Environment Programme (UNEP)*. 9 May 2019. Available from: <https://www.unenvironment.org/news-and-stories/press-release/world-migratory-bird-day-birds-globally-threatened-plastic-waste> Plastic pollution poses serious health risks to wildlife globally, affecting a wide range of species including whales, turtles, fish and birds.

Biodiversity: the word no one used - until it began to vanish. By Steven Poole. *The Guardian*. 10 May 2019. Available from: <https://www.theguardian.com/books/2019/may/10/biodiversity-word-of-the-week> This week the UN's Global Assessment Report on Biodiversity and Ecosystem Services warned that a million species face extinction thanks to human activity.

How can the biodiversity and climate crises be tackled together? By Natalie Sauer. *Climate Home News*. 10 May 2019. Available from: <https://www.climatechangenews.com/2019/05/10/can-biodiversity-climate-crises-tackled-together/> Ecologists have long conceived of the earth as a living organism where every plant, animal, river and cloud are interconnected.

Seychelles hosts regional African island states to examine Blue Economy ahead of UN climate change summit. By Daniel Laurence. *Seychelles News Agency*. 11 May 2019. Available from: <https://bit.ly/2I3iyNf> Representatives from Seychelles and other African states shared experiences and identified challenges and opportunities in the Blue Economy in a regional conference hosted by the island nation for the first time.

IPCC updates methodology for greenhouse gas inventories. *Intergovernmental Panel on Climate Change (IPCC)*. 13 May 2019. Available from: <https://www.ipcc.ch/2019/05/13/ipcc-2019-refinement/> The Intergovernmental Panel on Climate Change (IPCC) released on Monday an update to its methodology used by governments to estimate their greenhouse gas emissions and removals.

OPINION: Deep sea marine science is key to unlocking the potential of our oceans. By Vladimir Ryabinin and Michael W. Lodge. *Reuters*. 15 May 2019. Available from: <http://news.trust.org/item/20190515100501-ezhm8> There has never been a time of greater promise or greater challenge for the future of our oceans.

European Commission launches Blue Economy Report at European Maritime Day in Lisbon. *European Commission*. 16 May 2019. Available from: https://ec.europa.eu/maritimeaffairs/press/european-commission-launches-blue-economy-report-european-maritime-day-lisbon_en Today's report confirms the blue economy's role as an exciting growth sector, with opportunities both in established sectors like tourism and shipbuilding, and in emerging areas like ocean energy or the blue bioeconomy. [The EU Blue Economy Report 2019](#)

Scientists fear impact of deep-sea mining on search for new medicines. By Karen McVeigh. *The Guardian*. 20 May 2019. Available from: https://www.theguardian.com/environment/2019/may/20/scientists-fear-impact-of-deep-sea-mining-on-search-for-new-medicines?CMP=tw_t_a-environment_b-gdneco When Prof Mat Upton discovered a microbe from a deep-sea sponge was killing pathogenic bugs in his laboratory, he realised it could be a breakthrough in the fight against antibiotic resistant superbugs, which are responsible for thousands of deaths a year in the UK alone.

Sea level rise could hit 2 metres by 2100 - much worse than feared. By Adam Vaughan. *New Scientist*. 20 May 2019. Available from: <https://www.newscientist.com/article/2203700-sea-level-rise-could-hit-2-metres-by-2100-much-worse-than-feared/> The world's coastal cities have been warned to prepare for the possibility of a sea level rise exceeding 2 metres by the end of the century, with "profound consequences for humanity."

UN Decade of Ocean Science gears up. *World Meteorological Organization (WMO)*. 20 May 2019. Available from: <https://public.wmo.int/en/media/news/un-decade-of-ocean-science-gears> The First Global Planning Meeting for the UN Decade of Ocean Science for Sustainable Development 2021-2030 has set the stage for wide-ranging action and partnerships to strengthen scientific knowledge and innovation, increase resilience against marine and coastal hazards and reverse the decline in the health of the ocean.

Preserving biodiversity vital to reverse tide of climate change, UN stresses on International Day. *UN News*. 22 May 2019. Available from: <https://news.un.org/en/story/2019/05/1038961>
The food people eat around the world is becoming "alarmingly homogenous" according to UN data, even though access to a wide variety of nutritious food has never been greater.

Partnership to protect oceans from oil spills. *University of Newcastle (Australia)*. 23 May 2019. Available from: <https://www.newcastle.edu.au/newsroom/featured-news/partnership-to-protect-oceans-at-risk-from-world-war-ii-wrecks-oil-spills> A remediation programme to protect island ecosystems from damage caused by oil pollution from World War II wrecks sunk in the Pacific Ocean has launched in Newcastle Harbour.


Where did the Right whales go? By Karen Weintraub. *New York Times*. 23 May 2019. Available from: <https://www.nytimes.com/2019/05/23/science/right-whales-endangered.html>
Something happened to the population of North Atlantic right whales in the last decade, as their numbers shrank and fewer calves were born.

Marine ecosystems endangered by tanker sabotage in the Gulf. By Jennifer Bell. *Arab News*. 28 May 2019. Available from: <http://www.arabnews.com/node/1502996/middle-east> Sabotage attacks targeting four oil tankers off the coast of the UAE's Fujairah port earlier this month not only highlighted a new threat to maritime traffic but also prompted a more immediate concern for environmentalists — the damage to marine ecosystems.

UN Global Compact Plans Meeting on Oceans at Nor-Shipping. *Maritime Executive*. 28 May 2019. Available from: <https://www.maritime-executive.com/editorials/un-global-compact-plans-meeting-on-oceans-at-nor-shipping> The United Nations Global Compact is set to hold a High Level Meeting on Ocean as part of Nor-Shipping 2019, gathering leading politicians, maritime and ocean industry executives, UN representatives, NGOs and other key stakeholders in Oslo.

Study finds ocean acidification threatens coral reef systems. *University of Western Australia*. 28 May 2019. Available from: <http://www.news.uwa.edu.au/2019052811407/research/study-finds-ocean-acidification-threatens-coral-reef-systems> A new study led by The University of Western Australia has found the future of the world's coral reefs is under threat from ocean acidification with many corals unable to adapt to the conditions.

Environmental impact of deep-sea mining can last decades. *UK National Oceanography Centre*. 30 May 2019. Available from: <https://www.noc.ac.uk/news/environmental-impact-deep-sea-mining-can-last-decades> A new study shows that the impacts of seabed mining on deep-sea ecosystems can persist for decades.

IPBES Global Assessment Preview. *Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)*. May 2019. Available from: <https://www.ipbes.net/news/ipbes-global-assessment-preview> A definitive new global synthesis of the state of nature, ecosystems and nature's contributions to people - the first such report since the landmark Millennium Ecosystem Assessment published in 2005, and the first ever that is inter-governmental - will be presented to representatives of 132 Governments for consideration of approval in May 2019.
[Summary for policymakers](#) 

ENVIRONMENTAL POLLUTION

Consider This | Dumping in The Bahamas, pt. 1. *Nassau Guardian (Bahamas)*. 29 April 2019. Available from: <https://thenassauguardian.com/2019/04/29/consider-this-dumping-in-the-bahamas-pt-1/> This past week, Bahamians awoke to reports that several Carnival Corporation (Carnival) cruise ships had discharged nearly 500,000 gallons of treated sewage into Bahamian waters in 2017.

One small step towards shaping a better future. By **Andreas Glud**. *Marine Propulsion & Auxiliary Machinery*. 30 April 2019. Available from: https://www.mpropulsion.com/news/view_one_small_step_towards_shaping_a_better_future_57680.htm Fouling on a ship's hull creates friction as a vessel moves through the water.

Steering towards an industry-level response to marine plastic pollution. *Institute of Marine Engineering, Science and Technology (IMarEST)*. April 2019. Available from: <https://www.imarest.org/reports/1039-marine-plastics> In conjunction with the first international conference on marine plastics, the IMarEST hosted a roundtable event with Centre for Environment, Fisheries and Aquaculture Science (Cefas) to gain fresh insights from a wider industry perspective into the challenges, management practices and attitudes of a variety of stakeholders in the marine industry regarding marine plastics.

Microplastics accumulate in hotspots for deep-sea life. *UK National Oceanography Centre* 2 May 2019. Available from: <https://noc.ac.uk/news/microplastics-accumulate-hotspots-deep-sea-life> Research published earlier in the week reveals that microplastics often accumulate on the deep sea floor in the same place as diverse and dense marine life communities.

Early estimates of CO2 emissions from energy use - In 2018, CO2 emissions in the EU decreased compared with 2017. *European Commission*. 8 May 2019. Available from: http://europa.eu/rapid/press-release_STAT-19-2448_en.htm Eurostat estimates that in 2018 carbon dioxide (CO2) emissions from fossil fuel combustion significantly decreased by 2.5% in the European Union (EU), compared with the previous year.

VN to host int'l workshop on management of marine debris. *Vietnam News*. 10 May 2019. Available from: <https://vietnamnews.vn/environment/519713/vn-to-host-intl-workshop-on-management-of-marine-debris.html> Regional cooperation to preserve the marine environment and ensure sustainable fisheries management and food security in the ASEAN region will be the focus of discussion at an international workshop to be held in Nha Trang in the central province of Khánh Hòa from May 13-15.

Man makes deepest-ever dive in Mariana Trench and discovers... litter. *The Guardian*. 14 May 2019. Available from: <https://www.theguardian.com/world/2019/may/13/man-makes-deepest-ever-dive-in-mariana-trench-and-discovers-trash> A retired naval officer dove in a submarine nearly 36,000ft into the deepest place on Earth, only to find what appears to be plastic.

UPDATE 2-Equinor investigates oil spill at Statfjord North Sea field. By **Terje Solsvik and Victoria Klesty**. *Reuters*. 15 May 2019. Available from: <https://uk.reuters.com/article/equinor-norway-spill/update-2-equinor-investigates-oil-spill-at-statfjord-north-sea-field-idUKL5N22R5RF> Equinor is investigating an oil spill at its Statfjord field in the North Sea, although the Norwegian company said on Wednesday the incident had not disrupted production.

Garbage at sea. By **Brenda V. Pimentel**. *Manila Times*. 15 May 2019. Available from: <https://www.manilatimes.net/garbage-at-sea/554902/> Two weeks after the issue of floating garbage in the west Philippine Sea was exposed, the same had to be pushed back as news on the midterm election took center stage.

Infographic - Plastic Buildup in our Oceans spiraling out of control. *Maritime Cyprus*. 19 May 2019. Available from: <https://maritimecyprus.com/2019/05/19/infographic-plastic-buildup-in-our-oceans-spiraling-out-of-control-2/> Every year 6.4 million tons of plastic are dumped into the ocean.

Statfjord A platform resumes loading after leak. *Maritime Executive*. 20 May 2019. Available from: <https://maritime-executive.com/article/statfjord-a-platform-resumes-loading-after-leak> Equinor has resumed loadings at its aging Statfjord A platform as an investigation continues into a spill that occurred during oil transfer operations last week.

London: Cruise emissions to be tracked. *Ship & Bunker*. 22 May 2019. Available from: <https://shipandbunker.com/news/emea/206343-london-cruise-emissions-to-be-tracked> A system of fixed air pollution monitors has been put in place to record the effect of cruise ship emissions docked at Greenwich in the port of London the UK.

Hong Kong air pollution and the deadly impact of shipping and cruise industries. **By Stuart Heaver.** *South China Morning Post*. 25 May 2019. Available from: <https://www.scmp.com/magazines/post-magazine/long-reads/article/3011607/hong-kong-air-pollution-and-deadly-impact> A single cruise liner berthed at a passenger terminal emits as much sulphur dioxide as 25,000 diesel buses.

IMarEST - Steering towards an industry-level response to marine plastic pollution. *Society of Maritime Industries*. 29 May 2019. Available from: <https://www.maritimeindustries.org/Member-News/imarest-steering-towards-an-industry-level-response-to-marine-plastic-pollution> Following a roundtable discussion hosted by IMarEST together with the Centre for Environment, Fisheries and Aquaculture Science, a report has been published on an industry-level response to marine plastic pollution.

These aliens are here to stay (and they are dangerous). **By Baher Kamal.** *Inter Press Service (IPS)*. 29 May 2019. Available from: <http://www.ipsnews.net/2019/05/aliens-stay-dangerous/> Rather the complete opposite-this is about a major damage that precisely "our civilisation" and "our lifestyle" have been causing: invasive alien species crossing the world chiefly on board of ships, and harming human health, biodiversity and the whole ecosystem.

New report calls for urgent action to tackle marine pollution, a growing threat to the Caribbean Sea. *World Bank*. 30 May 2019. Available from: <https://bit.ly/2KC68Nl> A New World Bank report released today examines how marine pollution in the Caribbean threatens the region's resilience to climate change. [Marine Pollution in the Caribbean: Not a Minute to Waste](#)

HEALTH & SAFETY

Ebola situation worsening in DR Congo, amidst growing 'funding gap' UN health agency warns. *UN News*. 30 April 2019. Available from: <https://news.un.org/en/story/2019/04/1037611> Strengthening both security and the Ebola response effort is essential to contain the growing outbreak in the Democratic Republic of the Congo (DRC), UN health agency's officials said on Tuesday, following a visit to the epicentre of what is already the worst outbreak in the country's history.

Crew health advice: Empowering crew members is key to preventing Adjustment Disorder. *UK P&I Club*. 1 May 2019. Available from: <https://bit.ly/2KLAXji> The Club reports a case of a crew member recently repatriated following a period of insomnia and heart palpitations. [Adjustment disorder Lesson](#)

Scientists' cruise ship quarantined for measles. *Maritime Executive*. 1 May 2019.

Available from: <https://www.maritime-executive.com/article/scientologists-cruise-ship-quarantined-for-measles> The Church of Scientology's cruise ship, the *Freewinds*, has been quarantined at the port of St. Lucia after the local government learned of a confirmed case of measles on board.

Confirmed case of measles on cruise ship. *Government of Saint Lucia*. 2 May 2019.

Available from: <http://www.govt.lc/news/confirmed-case-of-measles-on-cruise-ship> The Department of Health and Wellness continues to address the matter involving a confirmed case of measles on board a cruise ship, which entered our ports on Tuesday, April 30, 2019.

Saint Lucia providing 100 doses of measles vaccine free of cost to quarantined cruise ship.

St. Lucia News Online. 2 May 2019. Available from: <https://www.stlucianewsonline.com/saint-lucia-providing-100-doses-of-measles-vaccine-free-of-cost-to-quarantined-cruise-ship/>

The Department of Health and Wellness continues to address the matter involving a confirmed case of measles on board a cruise ship, which entered our ports on Tuesday, April 30, 2019.

Scientology cruise ship leaves St Lucia after measles quarantine. *The Guardian*. 3 May 2019.

Available from: <https://www.theguardian.com/science/2019/may/03/scientology-cruise-ship-leaves-st-lucia-after-measles-quarantine> Church of Scientology vessel held in port after contagious disease detected onboard.

Air pollution hurts the poorest most. *United Nations Environment Programme (UNEP)*.

9 May 2019. Available from: <https://www.unenvironment.org/news-and-stories/story/air-pollution-hurts-poorest-most> From Lagos and Lahore to London, it's the poorest people who are most affected by air pollution.

New mental health awareness training for the maritime industry. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 15 May 2019. Available from:

<https://www.seafarerswelfare.org/news/2019/new-mental-health-awareness-training-for-the-maritime-industry> We are offering a new training course to provide management-level personnel on shore and on board ships with an introduction to mental health awareness.

Crew Health Advice: Dealing with stress onboard. *UK P&I Club*. 15 May 2019. Available from:

<https://www.ukpandi.com/knowledge-publications/article/crew-health-advice-dealing-with-stress-onboard-143725/> We all encounter stressful events in our personal, professional or social life.

SeafarerHelp supports bullied deck cadet after knife incident on board. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 17 May 2019. Available from:

<https://www.seafarerswelfare.org/stories/seafarerhelp-supports-bullied-deck-cadet-after-knife-incident-on-board> Every year, members of the SeafarerHelp team visit a number of different ports in the UK where they have the opportunity to meet seafarers on their ships.

The right to be well - should seafarer wellbeing be enshrined in maritime law? *Nautilus International*.


20 May 2019. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/the-right-to-be-well-should-seafarer-wellbeing-be-enshrined-in-maritime-law/> As shocking statistics on seafarer suicides and depression are published, calls are growing for crew wellbeing to be linked with ship safety and included in international regulations.

On National Maritime Day (22 May) charity calls on American shipping companies to ensure their seafarers receive wellness training. *Sailors' Society*. 22 May 2019. Available from:


<https://www.sailors-society.org/about-us/press-room/national-maritime-day/> International maritime charity Sailors' Society is calling on American shipping companies to ensure their seafarers receive wellness training to best prepare them for life at sea.

Launch of new WeCare training programme. *Mission to Seafarers*. 30 May 2019. Available from: <https://www.missiontoseafarers.org/news/the-mission-to-seafarers-tackles-financial-stress-and-misuse-of-social-media-among-seafarers-with-wecare-training-programme> The Mission to Seafarers has announced the launch of its new WeCare Social Communications and Financial Literacy training programme.

IMO

Open letter to IMO Member States supporting mandatory speed measure to reduce shipping emissions. *Transport & Environment*. 30 April 2019. Available from: <https://www.transportenvironment.org/publications/open-letter-imo-member-states-supporting-mandatory-speed-measure-reduce-shipping> Effectively addressing climate change is possibly the greatest challenge of our time. [Open letter](#) 

European nations demand more urgent ship emission regulations. By Sam Chambers. *Splash 247.com*. 30 April 2019. Available from: <https://splash247.com/european-nations-demand-more-urgent-ship-emission-regulations/> European nations are determined to get ship emissions cut quicker than current timelines proposed by regulators and lobbyists.

Possible delisting of South Africa from IMO's STCW 'Whitelist' a major concern: SAMSA. *South African Maritime Safety Authority (SAMSA)*. 2 May 2019. Available from: <https://blog.samsa.org.za/2019/05/02/possible-delisting-of-south-africa-from-imos-stcw-whitelist-a-major-concern-samsa/>  The announced possible delisting of South Africa along with 80 or more other countries from the International Maritime Organization's (IMO) 'Whitelist' of countries compliant with the 1978 STCW Convention, as amended, is a matter of major concern, says the South African Maritime Safety Authority (SAMSA).

'Don't fail your children': youth demand climate action at UN shipping talks. By Megan Darby. *Climate Home News*. 7 May 2019. Available from: <https://www.climatechangenews.com/2019/05/07/dont-fail-children-youth-demand-climate-action-un-shipping-talks/> Schoolchildren urged the shipping industry to speed up climate action by slowing down, as talks on how to curb emissions started at the International Maritime Organization on Tuesday.

IMO 2020 - what does it mean for downstream, upstream, LNG and bulks sectors? *Wood Mackenzie*. 7 May 2019. Available from: <https://www.woodmac.com/press-releases/imo-2020--what-does-it-mean-for-downstream-upstream-lng-and-bulks-sectors/> Implementation of IMO 2020 regulation is just eight months away and its implications will be felt beyond refining and shipping.

Catholic institutions divest from fossil fuels and call on shipping industry to match their ambition in moving away from fossil fuels at UN summit. *Global Catholic Climate Movement*. 7 May 2019. Available from: <https://drive.google.com/file/d/1tQlqj-cqbbHzS2x05dvJiRZqKoFep023/view> Against the backdrop of a United Nations summit to reduce greenhouse gas emissions in the shipping industry, Catholic institutions that are connected to the oceans are announcing their divestment from fossil fuels.

Feature: Global debate on open-loop scrubbers adds to uncertainty ahead of IMO 2020. By Leon Izbicki, George Griffiths, and Tom Washington. *S&P Global Platts*. 8 May 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/050819-feature-global-debate-on-open-loop-scrubbers-adds-to-uncertainty-ahead-of-imo-2020> The global debate on the potential ban of open-loop scrubbers continues to add to uncertainty in the shipping industry ahead of the implementation of the lower-sulfur cap in 2020 mandated by the International Maritime Organization.

The IMarEST takes a firm position at the IMO ahead of MEPC74. *Institute of Marine Engineering, Science and Technology (IMarEST)*. 8 May 2019. Available from: <https://www.imarest.org/policy-news/institute-news/item/4890-the-imarest-takes-a-firm-position-at-the-imo-ahead-of-mepec74>

Next week the IMarEST will be utilising its consultative status at the International Maritime Organization (IMO) to submit several papers for consideration by the Marine Environmental Protection Committee (MEPC) during its 74th session.

Familiarising member states with IMO State Audit Scheme. *Government of Mauritius*.

9 May 2019. Available from: <http://www.govmu.org/English/News/Pages/Familiarising-Member-States-with-IMO-State-Audit-Scheme.aspx> A one-day workshop aimed at familiarising stakeholders of the maritime industry about the mandatory International Maritime Organisation (IMO) Member State Audit Scheme (IMSAS) audit and their respective involvements opened yesterday in the presence of the Minister of Ocean Economy, Marine Resources, Fisheries and Shipping.

Greek Shipowners put their weight behind the forthcoming UN IMO MEPC 74 for effective and sustainable solutions. *Union of Greek Shipowners*. 10 May 2019. Available from:

<https://www.ugs.gr/en/press-releases/2019/press-relase-20190510/> Ahead of the critical UN IMO Marine Environment and Protection Committee 74 (MEPC 74) meeting of next week, the Union of Greek Shipowners (UGS) urges IMO Member States and all stakeholders to face up to their responsibilities as decisive contributors to global policy making and commit to reaching attainable, workable and sustainable solutions to the problems related to the 2020 global sulphur cap in marine fuels and the issue of the Green House Gas (GHG) emissions reduction from ships.

More Transparency at International Maritime Organization: Glass 3/4 Full. *By Toby McIntosh*.

Eye on Global Transparency. 10 May 2019. Available from: <https://eyeonglobaltransparency.net/2019/05/10/more-transparency-at-imo-glass-three-quarters-full/> More documents are being disclosed in advance of committee meetings at the International Maritime Organization, but one quarter of the member governments still kept their pre-meeting submissions confidential for an upcoming meeting on environmental issues, according to a check by eyeonglobaltransparency.net.

Shipping has five days to discuss two crucial issues. *By Tomas Kristiansen*. *ShippingWatch*.

13 May 2019. Available from: <https://shippingwatch.com/secure/carriers/article11376028.ece> In addition to the points written on the printed agenda, meetings held in the corridors at IMO's London headquarters also play a large part when it comes to decision-making in the MEPC.

Kitack Lim launches summit with call for action. *By Christian Carlsen*. *ShippingWatch*.

13 May 2019. Available from: <https://shippingwatch.com/secure/carriers/article11377580.ece> It is imperative that the IMO shows the organization is capable of finding ways of reducing shipping's emission of CO₂ in the short term, says the secretary general in his opening speech at MEPC, calling for the industry to double its efforts in order to prepare for 2020.

NGOs call for urgent cut to shipping's black carbon impacts on Arctic. *Clean Arctic Alliance*.

13 May 2019. Available from: <https://www.hfofreearctic.org/en/2019/05/13/ngos-call-for-urgent-cut-to-shippings-black-carbon-impacts-on-arctic/> The Clean Arctic Alliance today called on International Maritime Organization Member States to reduce the impact of black carbon emissions from international shipping on the Arctic environment, as the UN body gathers in London for a meeting of its Marine Environmental Protection Committee (MEPC74), during which a number of issues, including black carbon emissions and heavy fuel oil (HFO) in the Arctic will feature on the agenda.

FACTBOX: IMO 2020 - a major shake-up for oil and shipping. *By Jonathan Saul*. *Reuters*.

14 May 2019. Available from: <https://uk.reuters.com/article/uk-imo-shipping-factbox/factbox-imo-2020-a-major-shake-up-for-oil-and-shipping-idUKKCN1SK1HN> Tougher rules on sulphur emissions from ships will come into effect next year in the biggest shake-up for the oil and shipping industries for decades.

IMO baulks at mandatory bunker licensing schemes. By Anastassios Adamopoulos.

Lloyd's List. 14 May 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1127476/IMO-baulks-at-mandatory-bunker-licensing-schemes> A proposal by shipping's largest lobbying associations to introduce bunker licensing schemes globally has divided opinion at the International Maritime Organization.

Making a mistake over margins of error. By Paul Gunton. *ShipInsight*. 14 May 2019.

Available from: <https://shipinsight.com/articles/making-a-mistake-over-margins-of-error> Nations that might be at odds with each other on the international stage can unite behind a common cause in IMO's debating chamber.

IMO and the environment - avoiding mob rule. By Michael Grey. *Seatrade Maritime News*.

15 May 2019. Available from: <http://www.seatrade-maritime.com/news/europe/imo-and-the-environment-avoiding-mob-rule.html> Michael Grey worries that the protests around the IMO's MEPC 74 meeting could deflect from necessary action for the longer term to tackle environmental issues.

The rebels versus the deckchair shufflers at MEPC74. By Peter Jackson. *Splash 247.com*.

15 May 2019. Available from: <https://splash247.com/the-rebels-versus-the-deckchair-shufflers-at-mepc74/> Peter Jackson from BLUE Communications looks at the narrative aspects of the Extinction Rebellion protests outside the International Maritime Organization headquarters in recent days, suggesting this is an interesting example of what happens when shipping doesn't 'tell its own story', despite the fact that it's urged to do this at pretty much every conference Peter's been to.

IMO2020: The unexpected consequences of legislation. By Paul Hardy. *Ship & Bunker*.

15 May 2019. Available from: <https://shipandbunker.com/news/world/902528-imo2020-the-unexpected-consequences-of-legislation> I have asked the question many times – what if the IMO had gone for a strict 0.10% limit to Sulphur in fuel with no equivalent methods of compliance, instead of a multi-tiered approach.

IMO ruling on toxic coatings could cost shipowners dearly. By Adam Corbett. *TradeWinds*.

15 May 2019. Available from: <https://www.tradewindsnews.com/casualties/1779943/imo-ruling-on-toxic-coatings-could-cost-shipowners-dearly> Owners could be forced to recoat the hulls of thousands of ships if revisions to anti-fouling convention are approved.

Coming marine fuel standard will disrupt markets for 1-5 years - BCG study. By Erwin Seba.

Reuters. 16 May 2019. Available from:

<https://af.reuters.com/article/energyOilNews/idAFL2N22S01F> The marine industry's January 2020 shift to using very low sulfur fuel oil (VLSFO) to power ships worldwide will launch a one- to five-year disruption in oil and refined products markets, according to a study released Thursday by Boston Consulting Group.

Just how disruptive will IMO 2020 be? By Jamie Webster, Buddy Myers, Maurice Berns, Clint Follette, and Jaime Ruiz-Cabrero. *Boston Consulting Group (BCG)*. 16 May 2019.

Available from: <https://www.bcg.com/publications/2019/disruptive-imo-2020.aspx> Effective January 1, 2020, in accordance with a mandate from the International Maritime Organization, the allowable percentage of sulfur in marine fuel will fall substantially, from 3.5% to 0.5%.

NGO voices criticism of last-minute change at IMO. By Christian Carlsen. *ShippingWatch*.

16 May 2019. Available from: <https://shippingwatch.com/secure/regulation/article11384676.ece> The association Clean Shipping Coalition is disappointed that the IMO's Marine Environment Protection Committee (MEPC) has, on the third day of the IMO summit, changed the basis for a work group which will among other things examine possibilities for the industry to reduce its greenhouse gas emissions.

Slow progress on cutting GHG emissions at IMO, speed limits unpopular with many countries. By Marcus Hand. *Seatrade Maritime News*. 20 May 2019. Available from: <http://www.seatrade-maritime.com/news/europe/slow-progress-on-cutting-ghg-emissions-at-imo-speed-limits-unpopular-with-many-countries.html> After all the hype and public protests those familiar with the workings of the International Maritime Organization (IMO) will not be surprised to learn there were no major announcements coming out of last week's Marine Environment Protection Committee meeting, and apparent new favourite - going slower - hit a speed hump.

Maersk disappointed by lack of short-term solutions at IMO. By Christian Carlsen.

ShippingWatch. 20 May 2019. Available from:

<https://shippingwatch.com/secure/regulation/article11389981.ece> The world's largest container shipping line, Maersk, is not "satisfied with the lack of progress" in the IMO regarding CO2 emission reductions, the company's head of sustainability strategy tells ShippingWatch.

IMO has "no appetite for speed limits". By Adam Corbett. *TradeWinds*. 20 May 2019.

Available from: <https://www.tradewindsnews.com/tankers/1785918/imo-has-no-appetite-for-speed-limits> Leading shipowners association the ICS says the IMO is still on schedule to meet its carbon emissions targets despite claims from environmentalists that progress has stalled.

IMO responds to Climate Emergency with two more weeks of procedural wrangling.

Transport & Environment. 17 May 2019. Available from:

<https://www.transportenvironment.org/press/imo-responds-climate-emergency-two-more-weeks-procedural-wrangling> Three years after Paris and over a year after agreeing a 2050 decarbonisation objective, European campaign groups Transport & Environment and Seas at Risk, leading members of the Clean Shipping Coalition, are appalled at the complete lack of ambition shown by the IMO this week.

IMO agrees on stricter efficiency targets for some ships. By Nina Chestney. *Reuters*.

17 May 2019. Available from: <https://uk.reuters.com/article/us-imo-shipping-efficiency/imo-agrees-on-stricter-efficiency-targets-for-some-ships-idUKKCN1SN2BV> The International Maritime Organization (IMO) on Friday agreed stricter energy efficiency targets for certain types of ships in an effort to speed up action to cut the sector's emissions.

International shipping on track to meet 2030 CO2 reduction target following critical UN IMO Meeting. *International Chamber of Shipping (ICS)*. 17 May 2019. Available from:

<https://bit.ly/2JOxX51> The International Chamber of Shipping (ICS) – which represents the world's national shipowner associations – remains confident that shipping will improve its carbon efficiency by at least 40% by 2030 compared to 2008, in line with the UN International Maritime Organization targets to reduce greenhouse gas (GHG) emissions.

NGOs vent frustration over lack of action on shipping's black carbon emissions. *Clean Arctic Alliance*. 17 May 2019. Available from: <https://mailchi.mp/89ed5169434c/ngos-vent-frustration-over-lack-of-arctic-action-on-shippings-black-carbon-emissions> As a meeting of the International Maritime Organization's Marine Environment Protection Committee (MEPC 74) closed today in London, the Clean Arctic Alliance expressed frustration over Members States' failure to address the risk to the Arctic from emissions of black carbon from international shipping.

IMO makes little progress on GHG emissions. By Anastassios Adamopoulos. *Lloyd's List*.

18 May 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1127548>

The International Maritime Organization closed discussions on important procedural issues Friday, but barely progressed the discussion on emissions reductions measures, leaving much of the heavy lifting for a series of negotiating rounds that will take place during the next year.

IMO puts finishing touches on 2020 sulphur cap. By Anastassios Adamopoulos. *Lloyd's List*. 19 May 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1127549>
The International Maritime Organization has made the latest enhancements to the global 0.5% sulphur cap before 2020, as policymakers meeting in London last week agreed to a new set of guidelines and even changes to the regulations on bunker fuel testing.

IMO summit leaves some stakeholders optimistic and others disappointed.

By Christian Carlsen. *ShippingWatch*. 20 May 2019. Available from: <https://shippingwatch.com/secure/regulation/article11391337.ece> The IMO's Marine Environment Protection Committee postponed discussions for short-term solutions to reduce greenhouse gas emissions.

The UGS welcomes the progress made at the UN IMO MEPC74 towards a safe and consistent implementation of the 2020 global sulphur cap on marine fuels and sustainable environmental policies. *Union of Greek Shipowners*. 20 May 2019. Available from: <https://www.ugs.gr/en/press-releases/2019/press-release-20190520/> The Union of Greek Shipowners warmly welcomes the significant progress made by the Marine Environment Protection Committee of the United Nations International Maritime Organization with regard to the outstanding issues related to the challenges stemming from the implementation of the new 0.5% sulphur limit on marine fuels.

IMO faces ticking clock on GHG emissions measures. By Anastassios Adamopoulos.

Lloyd's List. 20 May 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1127562/IMO-faces-ticking-clock-on-GHG-emissions-measures> The International Maritime Organization has only three more meetings to agree on at least one new short-term greenhouse gas emissions reduction measure.

IMO-meeting was not a missed opportunity. By Lars Robert Pedersen. *BIMCO*. 21 May 2019. Available from: <https://www.bimco.org/news/priority-news/20190521-imo-meeting-was-not-a-missed-opportunity> What the Marine Environment Protection Committee (MEPC) and the working group accomplished last week, was to finalise and agree on a set of procedures for assessment of impact on states from the proposed short-term measures.

Big polluters hijack shipping talks to slow decarbonisation progress. By Jocelyn Timperley. *DeSmog*. 21 May 2019. Available from: <https://www.desmogblog.com/2019/05/21/polluters-lobby-shipping-emissions-climate-slow-progress-imo> UN shipping talks stalled last week as slow-moving players, including Saudi Arabia, Brazil and the US, obstructed attempts to decide how the sector should begin to decarbonise.

IMO 2020 could create fierce competition for scarce water resources. By Seth Clare.

S&P Global Platts. 21 May 2019. Available from: <https://blogs.platts.com/2019/05/21/imo-2020-competition-water/> The International Maritime Organization regulations set to take effect in 2020 have sparked mountains of research on the expected costs for the energy and maritime sectors.

IMO issues more guidance on sulfur limit, uncertainty on scrubbers persists. By Leon Izbicki.

S&P Global Platts. 21 May 2019. Available from: <https://bit.ly/2WuoPub> The International Maritime Organization has issued additional guidance over the implementation of the lower 0.5% sulfur limit on bunker fuels that goes into effect from January 1, 2020, according to a statement Monday.

IMO edges towards goals-based compromise on slow-steaming. By Adam Corbett.

TradeWinds. 22 May 2019. Available from: <https://www.tradewindsnews.com/casualties/1787099/imo-edges-towards-goals-based-compromise-on-slow-steaming> Greenhouse gas emissions initiative will slow shipping down - but forget about mandatory speed limits.

IMO's Feng Shui cannot hide the paucity of its climate response. By Nick Savvides.

Freight Waves. 22 May 2019. Available from: <https://www.freightwaves.com/news/imos-feng-shui-cannot-hide-the-paucity-of-its-climate-response> On 13 May delegates attending the International Maritime Organization's (IMO) week-long committee meeting on the marine environment and shipping were greeted by the Extinction Rebellion comically moving deckchairs on an imaginary sinking ship.

IMO becoming more transparent - but press is still limited. By Christian Carlsen.

ShippingWatch. 24 May 2019. Available from: <https://shippingwatch.com/secure/regulation/article11403470.ece> The latest IMO climate committee summit was the first meeting at which the public had access to documents and proposals from member states.

Vanuatu part of Pacific Women in Maritime celebrations. *Vanuatu Daily Post*. 27 May 2019.

Available from: http://dailypost.vu/news/vanuatu-part-of-pacific-women-in-maritime-celebrations/article_5b194605-d5c7-5144-bbc7-a0f12906a339.html Vanuatu Women in Maritime celebrated Pacific Women in Maritime day on Saturday, May 18 2019.

International shipping: Tracking Clean Energy Progress - More Efforts Needed.

By Renske Schuitmaker. *International Energy Agency (IEA)*. 27 May 2019. Available from: <https://www.iea.org/tcep/transport/shipping/> In April 2018, IMO agreed to reduce GHG emissions by at least 50% by 2050 compared with a 2008 baseline, with carbon intensity reduction targets for 2030 and 2050.

IEA says shipping needs to do more or misses emission targets. By Max Tingyao Lin.

TradeWinds. 28 May 2019. Available from: <https://www.tradewindsnews.com/legal/1793034/iea-says-shipping-needs-to-do-more-or-misses-emission-targets> The IMO should tighten operating and newbuilding rules, promote low-carbon fuels and adopt a CO2 pricing scheme by 2023, according to the energy watchdog.

IMO 2020 will bring higher costs, more volatility and cleaner air. By David Blackmon. *Forbes*.

29 May 2019. Available from: <https://www.forbes.com/sites/davidblackmon/2019/05/29/imo-2020-will-bring-higher-costs-more-volatility-and-cleaner-air/> It will take years before we know what the true cost of IMO 2020 will be to consumers in the U.S. and around the globe, and whether that cost will be offset by better health and savings in medical care.

ABS calls for radical market change to meet IMO goals. By Adam Corbett. *TradeWinds*.

30 May 2019. Available from: <https://www.tradewindsnews.com/casualties/1791189/abs-calls-for-radical-market-change-to-meet-imo-goals> Class society calls for better scheduling of sailings and reduced ballast voyages to reduce carbon emissions.

LAW & POLICY

Oceans and the law of the sea; Report of the Secretary-General. *United Nations*. 25 March 2019.

Available from: <https://undocs.org/a/74/70> In paragraph 358 of its resolution 73/124, the General Assembly decided that the United Nations Open-ended Informal Consultative Process on Oceans and the Law of the Sea would focus its discussions at its twentieth meeting on the theme "Ocean Science and the United Nations Decade of Ocean Science for Sustainable Development".

Secretary-General's report identifies ways to advance ocean science. By Catherine Benson

Wahlén. *International Institute for Sustainable Development (IISD)*. 30 April 2019. Available from: <https://sdg.iisd.org/news/secretary-generals-report-identifies-ways-to-advance-ocean-science/> The UN Secretary-General has released a report on oceans and the law of the sea.

'One belt, one road, one million': Rail chief plans to connect Europe to China. By Claire Stam. *EurActiv*. 30 April 2019. Available from: <https://www.euractiv.com/section/railways/interview/one-belt-one-road-one-million/> The 'New Silk Road' has the potential to make trade between China and Europe more competitive by rail than by sea.

With ocean health declining, biodiversity convention must respond. By Liz Karan. *Pew Charitable Trusts*. 1 May 2019. Available from: <https://www.pewtrusts.org/en/research-and-analysis/articles/2019/05/01/with-ocean-health-declining-biodiversity-convention-must-respond> Countries should aim to protect and conserve at least 30 percent of the ocean by 2030.

Government of Canada invests in oil spill research at the Huntsman Marine Science Centre. *Government of Canada*. 1 May 2019. Available from: <https://bit.ly/2GSDwwt> St. Andrews, New Brunswick – Keeping our oceans clean, safe and healthy for current and future generations is a top priority for the Government of Canada.

Phase out greenhouse gas emissions by 2050 to end UK contribution to global warming. *Committee on Climate Change (UK)*. 2 May 2019. Available from: <https://www.theccc.org.uk/2019/05/02/phase-out-greenhouse-gas-emissions-by-2050-to-end-uk-contribution-to-global-warming/> The UK can end its contribution to global warming within 30 years by setting an ambitious new target to reduce its greenhouse gas emissions to zero by 2050, the Committee on Climate Change (CCC) says today.
[Net Zero - The UK's contribution to stopping global warming](#)

Two Greek shipping companies sentenced after illegally discharging oil into Texas Port Waters. *US Department of Justice*. 3 May 2019. Available from: <https://www.justice.gov/opa/pr/two-greek-shipping-companies-sentenced-after-illegally-discharging-oil-texas-port-waters> Vessel master and operator company admitted to lying to Coast Guard, company to pay \$4 million criminal fine.

Govt roll out strategies to sanitise Atlantic Ocean. By Charles Okonji. *The Nation (Nigeria)*. 5 May 2019. Available from: <https://thenationonline.net/govt-roll-out-strategies-to-sanitise-atlantic-ocean/> The Federal Government has initiated frantic efforts aimed at safeguarding the Atlantic Ocean and other marine resources in the country.

Belt and Road Initiative: Why the UAE is set to benefit. By David George. *Gulf News (UAE)*. 5 May 2019. Available from: <https://gulfnews.com/business/belt-and-road-initiative-why-the-uae-is-set-to-benefit-1.1556780040711> The UAE will play a crucial role as a financial hub in China's One Belt, One Road plan.

Stop joking around: Fisheries Minister vows to continue blowing up illegal fishing boats. *Jakarta Globe*. 5 May 2019. Available from: <https://jakartaglobe.id/context/stop-joking-around-fisheries-minister-vows-to-continue-blowing-up-illegal-fishing-boats> Indonesian border patrol sank 13 Vietnamese fishing boats on Saturday – the first time it did so in the past eight months – as Maritime Affairs and Fisheries Minister Susi Pudjiastuti vows to continue her fight against illegal fishing.

US vows to check 'aggressive' China, Russia in Arctic. *Deutsche Welle (Germany)*. 6 May 2019. Available from: <https://www.dw.com/en/us-vows-to-check-aggressive-china-russia-in-arctic/a-48612809> The eight-member Arctic Council is meeting in Finland as thawing of polar ice has some countries scrambling over the earth's untapped resources.

US blocks climate change declaration at Arctic Council. *BBC World Service*. 7 May 2019. Available from: <https://www.bbc.co.uk/programmes/w172wxg7msml8ff> The US refused to sign any declaration mentioning climate change at the Arctic Council.

More environmental sustainable projects expected to be implemented with 'blue grant' following capacity building programme. By Sharon Enesta. *Seychelles News Agency.*

7 May 2019. Available from:

<http://www.seychellesnewsagency.com/articles/10925/More+environmental+sustainable+projects+expected+to+be+implemented+with+blue+grant+following+capacity+building+programme>

Not-for-profit organisations and small businesses in Seychelles have benefitted from capacity building sessions to allow them to access funds available from the 'blue grant' from the Seychelles' Conservation and Climate Adaptation Trust (SeyCCAT).

Capitalize on Blue Economy to cash in on Africa's Free Trade Area - government of Sao Tome advised. *United Nations Economic Commission for Africa (UNECA).* 7 May 2019. Available from:

<https://www.uneca.org/stories/capitalize-blue-economy-cash-africa%E2%80%99s-free-trade-area-%E2%80%93-government-sao-tome-advised>

The UN Economic Commission for Africa (ECA) has reiterated its "availability and commitment" to work with the Republic of Sao Tome and Principe on taking advantage of its Blue Economy endowments to capitalize on the African Continental Free Trade Area (AfCFTA).

Environmental groups call for action on black carbon pollution. By Levon Sevunts.

Radio Canada International (RCI). 8 May 2019. Available from: [www.rcinet.ca/eye-on-the-](http://www.rcinet.ca/eye-on-the-arctic/2019/05/08/environmental-groups-call-for-action-on-black-carbon-pollution/)

[arctic/2019/05/08/environmental-groups-call-for-action-on-black-carbon-pollution/](http://www.rcinet.ca/eye-on-the-arctic/2019/05/08/environmental-groups-call-for-action-on-black-carbon-pollution/) Environmental groups blasted the U.S. Wednesday for torpedoing the traditional joint declaration at the conclusion of the biennial Arctic Council ministerial meeting in Rovaniemi, in northern Finland, and called on Arctic nations to redouble their efforts to fight black carbon pollution in the region.

US breaks from Arctic consensus on climate change. By Natalie Sauer. *Climate Home News.*

8 May 2019. Available from: <https://www.climatechangenews.com/2019/05/08/us-breaks-arctic-consensus-climate-change/>

The US refused to join other Arctic countries in describing climate change as a key threat to the region, as a two-day meeting of foreign ministers drew to a close on Tuesday in Ravaniemi, Finland.

Where the power lies. By Craig Jallal. *Ballast Water Treatment Technology.* 9 May 2019.

Available from: https://www.ballastwatermanagement.co.uk/news/view,where-the-power-lies_57791.htm The US Coast Guard is mandated to protect the littoral from invaders – and that includes those in ballast water.

North Korean cargo vessel connected to sanctions violations seized by U.S. government.

US Department of Justice. 9 May 2019. Available from: [https://www.justice.gov/opa/pr/north-](https://www.justice.gov/opa/pr/north-korean-cargo-vessel-connected-sanctions-violations-seized-us-government)

[korean-cargo-vessel-connected-sanctions-violations-seized-us-government](https://www.justice.gov/opa/pr/north-korean-cargo-vessel-connected-sanctions-violations-seized-us-government) Assistant Attorney General for National Security John C. Demers, U.S. Attorney Geoffrey S. Berman for the Southern District of New York, Assistant Director John Brown of the FBI's Counterintelligence Division and Assistant Director William F. Sweeney Jr. of the FBI's New York Field Office announced today the filing of a civil forfeiture complaint against *M/V Wise Honest* (the "*Wise Honest*"), a 17,061-ton, single-hull bulk carrier ship registered in the Democratic People's Republic of Korea ("DPRK" or "North Korea").

U.N. clinches deal to stop plastic waste ending up in the sea. By Tom Miles. *Reuters.*

10 May 2019. Available from: [https://uk.reuters.com/article/us-environment-plastic/u-n-very-](https://uk.reuters.com/article/us-environment-plastic/u-n-very-confident-of-deal-to-stop-plastic-waste-ending-up-in-the-sea-idUKKCN1SG19S)

[confident-of-deal-to-stop-plastic-waste-ending-up-in-the-sea-idUKKCN1SG19S](https://uk.reuters.com/article/us-environment-plastic/u-n-very-confident-of-deal-to-stop-plastic-waste-ending-up-in-the-sea-idUKKCN1SG19S) Around 180 countries reached a deal on Friday that aims to sharply reduce the amount of plastic that gets washed into the world's oceans, the United Nations said.

Governments agree landmark decisions to protect people and planet from hazardous chemicals and waste, including plastic waste. *Secretariat of the Basel, Rotterdam and Stockholm Conventions.* 10 May 2019. Available from: <http://www.brsmeas.org/?tabid=8005>

Pollution from plastic waste, acknowledged as a major environmental problem of global concern, has reached epidemic proportions with an estimated 100 million tonnes of plastic now found in the oceans, 80-90% of which comes from land-based sources.

Government of Canada announces enhanced measures for protecting British Columbia's Southern Resident killer whales.

Government of Canada. 10 May 2019. Available from: <https://www.canada.ca/en/fisheries-oceans/news/2019/05/government-of-canada-announces-enhanced-measures-for-protecting-british-columbias-southern-resident-killer-whales.html> Canada has some of the most spectacular coastlines in the world, and our oceans are home to marine life of many kinds, including the iconic Southern Resident killer whale.

We must continue decisive actions for the liberation of our sailors - Petro Poroshenko.

Government of Ukraine. 13 May 2019. Available from: <https://bit.ly/2IAwBZE> President of Ukraine Petro Poroshenko stresses that Ukraine should continue taking steps to free its seamen captured by Russia during the aggression in the Black Sea.

South China Sea: Beijing unveils US\$23.5 million contract for coastguard ship to patrol Parcel Islands. By Laura Zhou.

South China Morning Post. 13 May 2019. Available from: <https://www.scmp.com/news/china/military/article/3010058/south-china-sea-beijing-announces-us235-million-contract> Vessel is part of maritime agency's plans to take enforcement fleet to 20.

American shipping is dying. But we can bring it back. By Scott Borgerson.

Fortune. 13 May 2019. Available from: <http://fortune.com/2019/05/13/us-shipping-jones-act/> While debates rage about how to restore America's manufacturing, military, and even moral foundations to periods of perceived glory, little attention is being given to the crisis in shipping.

UK Supreme Court's shipping shortfall angers its legal sector. By Gary Dixon.

TradeWinds. 14 May 2019. Available from: <https://www.tradewindsnews.com/legal/1774792/uk-supreme-courts-shipping-shortfall-angers-its-legal-sector> A dearth of commercial or shipping expertise among the 12 judges at the UK Supreme Court is jeopardising London's legal standing, top lawyers tell TradeWinds.

Environmental groups call for international moratorium on ship scrubbers following cruise giant Carnival's criminal revelations.

Stand.earth. 14 May 2019. Available from: <https://www.stand.earth/latest/markets-vs-climate/carnivals-cruise-pollution/environmental-groups-call-international> As IMO meets this week in London, groups issue call to reevaluate scrubbers as alternative compliance tool for 2020 fuel standards, citing evidence in US federal case against Carnival Corporation.

Global energy investment stabilised above USD 1.8 trillion in 2018, but security and sustainability concerns are growing.

International Energy Agency (IEA). 14 May 2019. Available from: <https://www.iea.org/newsroom/news/2019/may/global-energy-investment-stabilised-above-usd-18-trillion-in-2018-but-security-.html> Global energy investment stabilised in 2018, ending three consecutive years of decline, as capital spending on oil, gas and coal supply bounced back while investment stalled for energy efficiency and renewables, according to the International Energy Agency's latest annual review.

Singapore-Malaysia maritime boundary delimitation committee holds first meeting.

Channel News Asia. 15 May 2019. Available from: <https://www.channelnewsasia.com/news/singapore/singapore-malaysia-maritime-committee-first-meeting-constructive-11535746> A committee set up to discuss boundary delimitation in the waters between Singapore and Malaysia has held "constructive discussions" in its first meeting, said Singapore's Ministry of Foreign Affairs (MFA) on Wednesday (May 15).

Shippers bet on the EU to make liner companies more transparent. By Tomas Kristiansen.

ShippingWatch. 15 May 2019. Available from: <https://shippingwatch.com/secure/carriers/Container/article11381713.ece> "It's not a 1:1 relationship between us and the shipping lines," says the European Shippers' Council, noting that the concentration among liner companies has only tilted the balance even further.

Lively debate on interpreting laws at maritime conference. By Lim Min Zhang. *Straits Times*. 16 May 2019. Available from: <https://www.straitstimes.com/singapore/lively-debate-on-interpreting-laws-at-maritime-conference> Differing interpretations of the international law of the sea took centre stage at a maritime conference yesterday involving academics and navy chiefs from around the world.

Greek ship management company, corporate vessel owner, and chief engineer indicted for falsification of pollution records, obstruction of justice. *US Department of Justice*. 16 May 2019. Available from: <https://www.justice.gov/opa/pr/greek-ship-management-company-corporate-vessel-owner-and-chief-engineer-indicted-0> A federal grand jury in Wilmington, Delaware, returned a four-count indictment today charging Evridiki Navigation Inc., Liquimar Tankers Management Services Inc., and Nikolaos Vastardis with failing to keep accurate pollution control records, falsifying records, and obstruction of justice, the Justice Department announced.

Senate committee recommends against proceeding with B.C. tanker ban bill. By Sarah Rieger. *Canadian Broadcasting Corporation (CBC)*. 16 May 2019. Available from: <https://www.cbc.ca/news/canada/calgary/bc-tanker-bill-senate-1.5137984> Bill C-48 will now head to chamber for debate after vote.

Italian police seize migrant boat, risking stand-off with deputy PM. By Francesca Landini. *Reuters*. 19 May 2019. Available from: <https://www.reuters.com/article/us-italy-migrants-seizure/italian-police-seize-migrant-boat-risking-stand-off-with-deputy-pm-idUSKCN1SP0PH> Italian prosecutors have ordered the seizure of a rescue boat anchored outside the port of Lampedusa in Sicily, triggering a potential tug-of-war with Deputy Prime Minister Matteo Salvini who has pledged to stop the migrants from disembarking.

Coast Guard seizes two Chinese vessels. By Philip Mwakio. *Standard Digital (Kenya)*. 20 May 2019. Available from: <https://www.standardmedia.co.ke/business/article/2001326269/coast-guard-seizes-two-chinese-vessels> The Kenya Coast Guard Service (KCGS) seized two Chinese flagged fishing vessels operating within Kenya's territorial waters last week.

Government of Canada partners with Global Fishing Watch in the fight against illegal, unreported and unregulated fishing at the 2019 Collision Conference. *Government of Canada*. 21 May 2019. Available from: <https://bit.ly/2VNoCqW> Today, the Parliamentary Secretary to the Minister of Fisheries, Oceans and the Canadian Coast Guard, Sean Casey, reaffirmed the Government of Canada's commitment to combatting illegal, unreported and unregulated (IUU) fishing at the Collision Conference in Toronto.

China's massive Belt and Road initiative. By Andrew Chatzky and James McBride. *Council on Foreign Relations*. 21 May 2019. Available from: <https://www.cfr.org/backgrounder/chinas-massive-belt-and-road-initiative> In 2013, Chinese President Xi Jinping announced the launch of both the Silk Road Economic Belt and the 21st Century Maritime Silk Road, infrastructure development and investment initiatives that would stretch from East Asia to Europe.

Shipping must be heard in new ocean regulations. By Gavin Lipsith. *Marine Propulsion & Auxiliary Machinery*. 22 May 2019. Available from: https://www.mpropulsion.com/news/view_shipping-must-be-heard-in-new-ocean-regulations_57941.htm While IMO's Marine Environment Protection Committee grabs the headlines, shipping has yet to play any role in drafting a new international treaty that could redefine how we use the oceans.

Seabed 2030 and World Ocean Council agree new partnership for sustainable stewardship of the oceans. *Hellenic Shipping News*. 23 May 2019. Available from:

<https://www.hellenicshippingnews.com/seabed-2030-and-world-ocean-council-agree-new-partnership-for-sustainable-stewardship-of-the-oceans/> A new partnership for sustainable stewardship of the ocean has been agreed between The Nippon Foundation-GEBCO Seabed 2030 Project and the World Ocean Council, the global blue economy business organization, in an effort to further collaboration towards mapping the entirety of the world's ocean floor.

Nyusi opens conference on 'blue economy'. *Club of Mozambique*. 23 May 2019. Available from:

<https://clubofmozambique.com/news/nyusi-opens-conference-on-blue-economy/> Mozambican President Filipe Nyusi said on Thursday that the international conference "Crescendo Azul" ("Growing Blue") should act as a catalyst for more and better actions to protect the oceans and develop a "sustainable blue economy".

Warnings over new law to protect workers in Thai fishing industry. By Matt Blomberg.

Reuters. 23 May 2019. Available from: <https://uk.reuters.com/article/thailand-fishing-lawmaking/warnings-over-new-law-to-protect-workers-in-thai-fishing-industry-idUKL5N2Z3E8> A new law to address abuses in Thailand's multi-billion dollar fishing industry contains loopholes, labour rights campaigners said on Thursday, warning of difficulties in enforcement.

UN tells Britain to end 'colonial administration' of Chagos Islands. *Sky News*. 23 May 2019.

Available from: <https://news.sky.com/story/un-tells-britain-to-end-colonial-administration-of-chagos-islands-11726990> The prime minister of Mauritius says Britain's forcible eviction of islanders is "akin to a crime against humanity".

Maritime subsidies in the spotlight at ITF Summit. By Sam Chambers. *Splash 247.com*.

24 May 2019. Available from: <https://splash247.com/maritime-subsidies-in-the-spotlight-at-itf-summit/> Maritime subsidies formed a central topic for debate at yesterday's 2019 ITF Summit in Leipzig.

Tribunal prescribes provisional measures ordering the Russian Federation to release three Ukrainian naval vessels and their 24 servicemen. *International Tribunal for the Law of the Sea (ITLOS)*. 25 May 2019. Available from:

https://www.itlos.org/fileadmin/itlos/documents/press_releases_english/PR_284_En.pdf The International Tribunal for the Law of the Sea today delivered its Order in the Case concerning the detention of three Ukrainian naval vessels (Ukraine v. Russian Federation), Provisional Measures.

Canada makes competing claim to North Pole against Russia, Denmark. *Canadian Broadcasting Corporation (CBC)*. 28 May 2019. Available from:

<https://www.cbc.ca/news/canada/north/north-pole-canada-russia-denmark-1.5151432> Canada has finally made its case that the top of the world flies the Maple Leaf.

Floating sweatshops: Is the fish you eat caught by 'slaves'? *Channel News Asia*. 29 May 2019.

Available from: <https://www.channelnewsasia.com/news/asia/floating-sweatshops-is-the-fish-you-eat-caught-by-slaves---11575868> Enslaved, beaten, malnourished, and so desperate for water he had to collect condensation to drink: Rahmatullah left Indonesia seeking better prospects at sea - instead he endured a living hell.

Oceana endorses protecting 30 percent of the world's seas and land by 2030. *Oceana*.

29 May 2019. Available from: <https://oceana.org/press-center/press-releases/oceana-endorses-protecting-30-percent-world%E2%80%99s-seas-and-land-2030> Today about eight percent of the ocean and 15 percent of land is protected.

Special summit in Cork to highlight challenges small island nations face from climate change. By Sean O'Riordan. *Irish Examiner*. 29 May 2019. Available from:

<https://www.irishexaminer.com/breakingnews/ireland/special-summit-in-cork-to-highlight-challenges-small-island-nations-face-from-climate-change-927489.html> More than 30 Heads of State, UN representatives and ambassadors are to attend a special summit in Cork to highlight challenges small island nations face from climate change and to galvanise efforts to protect the world's seas.

England's marine life protected with Blue Belt expansion. By Michael Gove. *UK Government*. 31 May 2019. Available from: <https://www.gov.uk/government/news/englands-marine-life-protected-with-blue-belt-expansion> Environment Secretary Michael Gove has today created 41 new Marine Conservation Zones, marking the most significant expansion of England's 'Blue Belt' of protected areas to date.

MARINE TECHNOLOGY

Miniature transponders to be used in the war against ocean plastic. *Newcastle University (UK)*. 30 April 2019. Available from: <https://www.ncl.ac.uk/press/articles/latest/2019/04/nettag/> 📰 Low-cost acoustic tags attached to fishing nets are being trialled as part of a major new project to reduce marine litter and 'ghost fishing'.

'Ghost nets' to be tracked and removed from the sea. *Sky News*. 30 April 2019. Available from: <https://news.sky.com/story/ghost-nets-to-be-tracked-and-removed-from-the-sea-11707232> Expensive fishing nets and equipment can fall into the sea during storms, but now researchers have found a way to find them.

Shipping's Uber moment far off. *Splash 247.com*. 2 May 2019. Available from: <https://splash247.com/shippings-uber-moment-far-off/> Mr Prospector doesn't mind taking a few cheap shots at the broking community, but admits their role in the industry is not going to be usurped by technology anytime soon.

Technology key to ship noise reduction, conference hears. By David Sexton. *DCN - Daily Cargo News (Australia)*. 8 May 2019. Available from: <https://www.thedcn.com.au/technology-key-to-ship-noise-reduction-conference-hears/> Possible design and software solutions for cargo and passenger ships have been discussed during a conference in the Indian city of Mumbai.

ABS supports ballast water compliance ahead of IMO retrofit window. *ABS (American Bureau of Shipping)*. 8 May 2019. Available from: <https://ww2.eagle.org/en/news/press-room/bwm-compliance-ahead-of-imo-retrofit.html> Ballast Water Advisory updated to assist 6,000 vessels anticipated to be retrofitting BWM systems each year until 2024.

Debating the merits of early adoption of smart technology and automation. By Felicity Landon. *Seatrade Maritime News*. 9 May 2019. Available from: <https://bit.ly/2KqHcca> The Seatrade debate, held at the Guildhall in London, was far more measured, good-humoured, respectful and – dare I say it – well informed.

Autonomous boat makes oyster run. By Jonathan Amos. *BBC News*. 9 May 2019. Available from: <https://www.bbc.co.uk/news/science-environment-48216966> 📰 In a sign of things to come, an autonomous boat has just made a cargo run from the UK to Belgium.

Emerging technologies: on the cusp of the next maritime evolution. By Elliott Gotkine.

Global Maritime Forum. 16 May 2019. Available from:

<https://www.globalmaritimeforum.org/news/emerging-technologies-on-the-cusp-of-the-next-maritime-evolution> The maritime industry can potentially become safer, cleaner, more secure and efficient.

Boeing 737 Max crashes illustrate why autonomous shipping a long way off. By Marcus Hand.

Seatrade Maritime News. 16 May 2019. Available from: <https://bit.ly/31eU3nR>

The crashes involving the Boeing 737 Max aircraft linked to an automated system illustrate why the autonomous ship is long way off, says Frank Coles, ceo of Wallem Group.

What can maritime learn from the Boeing 737 Max disaster? By Frank Coles. *Splash 247.com*.

17 May 2019. Available from: <https://splash247.com/what-can-maritime-learn-from-the-boeing-737-max-disaster/>

As the never ending discussion of autonomous ships continues it's worth noting the events surrounding the Boeing 737 Max disaster.

BIMCO and INTERTANKO publish Q&As for scrubber-fitted ships. By Mette Kronholm

Fraende. *BIMCO*. 23 May 2019. Available from: <https://www.bimco.org/news/priority-news/20190523-bimco-intertanko-gas>

BIMCO and INTERTANKO have jointly published Q&As addressing the contractual implications owners and charterers should keep in mind when chartering ships fitted with scrubbers.

80% of scrubbers are open-loop: DNV GL. By Marcus Hand. *Seatrade Maritime News*.

24 May 2019. Available from: <http://www.seatrade-maritime.com/news/europe/80-of-scrubbers-being-installed-are-open-loop-dnv-gl.html>

The vast majority of over 3,000 scrubber installations to ships are for open-loop systems despite concerns over washwater, with some countries banning use in their waters, according to classification society DNV GL.

Maritime 2050: five talking points from the UK's vision for shipping. By Chris Lo.

Ship-Technology.com. 27 May 2019. Available from: <https://www.ship-technology.com/features/future-shipping-industry-maritime-2050/>

The UK's long-term vision for its shipping industry, Maritime 2050, was launched in January.

EU to finance autonomous shipping initiative for European waters. *Hellenic Shipping News*.

30 May 2019. Available from: <https://www.hellenicshippingnews.com/eu-to-finance-autonomous-shipping-initiative-for-european-waters/>

While the shipbuilding market has been advantaging Asian lower-cost manufacturing in the last decades, AUTOSHIP will build around two EU industrial market and leading technology providers, such as Rolls Royce and Kongsberg, to create a stronger European cluster able to thrust a market worth Billions of Euros in the next decade, bringing new high-skilled jobs and a safer and greener transport in Europe.

MARITIME EDUCATION & TRAINING

On course for bright future at sea. By Michael Ching. *The Star (Malaysia)*. 2 May 2019.

Available from: <https://www.thestar.com.my/metro/metro-news/2019/05/02/on-course-for-bright-future-at-sea/>

A tough childhood did not deter Ku Chor Ding from emerging as the Best Overall Student at the 120th convocation of Akademi Laut Malaysia (Alam) in Melaka.

Maritime UK launches expanded 'Maritime Masters' programme. *Hellenic Shipping News*.

7 May 2019. Available from: <https://www.hellenicshippingnews.com/maritime-uk-launches-expanded-maritime-masters-programme/>

The programme, which saw its inaugural finalist reception held at the offices of Clarksons Platou with HRH The Princess Royal in November, is designed to bring industry and academia closer together.

Amaechi inaugurates modern facilities at MAN Oron. *This Day (Nigeria)*. 10 May 2019.

Available from: <https://www.thisdaylive.com/index.php/2019/05/10/amaechi-inaugurates-modern-facilities-at-man-oron/> The Minister of Transportation, Rotimi Amaechi has given a vote of confidence on the management of Maritime Academy of Nigeria (MAN), Oron for its sustained efforts at restructuring the school in the last 18 months.

Collaboration will produce new e-training technology. By Martyn Wingrove. *Maritime Digitalisation & Communications*. 14 May 2019. Available from:

https://www.marinemec.com/news/view/collaboration-will-produce-new-etaining-technology_57845.htm E-learning providers Videotel and Seagull will collaborate in producing new training content when they are supported by the same private equity group.

Rigworld, Maritime University partner to train students on IMO regulations.

By Roger A. Agana. *GhanaWeb*. 17 May 2019. Available from:

<https://www.ghanaweb.com/GhanaHomePage/business/Rigworld-Maritime-University-partner-to-train-students-on-IMO-regulations-747147> Rigworld Training Centre (RTC), an indigenous Ghanaian company has signed an accreditation partnership with the Regional Maritime University (RMU) to train personnel on International Maritime Organization (IMO) regulations.

Singapore maritime internship programme sees growing demand technology students.

By Marcus Hand. *Seatrade Maritime News*. 20 May 2019. Available from: <https://bit.ly/2VN7tZ3>

On Friday 47 students received internship awards under the programme which is now in sixth year.

Marina urges stakeholders to cooperate in enhancing MET system. *Manila Times*. 29 May 2019.

Available from: <https://www.manilatimes.net/marina-urges-stakeholders-to-cooperate-in-enhancing-met-system/561483/> The Maritime Industry Authority (Marina) has urged stakeholders to cooperate in enhancing the country's maritime education and training (MET) system at the Usapang STCW held on May 20, 2019.

MARITIME SAFETY

A proactive approach for safety. *DNV GL*. 2 April 2019. Available from:

<https://www.dnvgl.com/expert-story/maritime-impact/a-proactive-approach-for-safety.html>

Safety is what the regulatory work of IMO and classification societies is all about.

Accident analysis will show how safe autonomous shipping really is. By Richard Clayton.

Lloyd's List. 1 May 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1127006/Accident-analysis-will-show-how-safe-autonomous-shipping-really-is> Are autonomous ships safer or less safe than a fully-crewed ship?

InterManager survey reveals widespread concern at enclosed space deaths. *InterManager*.

2 May 2019. Available from: <https://www.intermanager.org/2019/05/intermanager-survey-reveals-widespread-concern-at-enclosed-space-deaths/>

Seafarers and dock workers are still dying while working in enclosed spaces onboard vessels because there is not enough understanding throughout the shipping industry of the risks faced by today's seafarers.

Timaru cruise ship crash puts safety at all ports under the spotlight. By Amanda Cropp.

Stuff (New Zealand). 5 May 2019. Available from:

<https://www.stuff.co.nz/business/112270886/timaru-cruise-ship-crash-puts-safety-at-all-ports-under-the-spotlight> The cruise industry is worth more than \$430 million a year and ports are keen to host the growing number of massive "floating hotels" plying New Zealand waters.

ISM Code: What to include in Master's SMS Review. *Safety4Sea*. 8 May 2019. Available from: <https://safety4sea.com/cm-ism-code-what-to-include-in-masters-sms-review/> Master is the key person to ensure the effective implementation of the ISM Code on board and thus, as a top priority, he needs to be familiar with company's SMS.

Banning dangerous cargoes not the solution to stamping out container fires.

By Marcus Hand. *Seatrade Maritime News*. 16 May 2019. Available from: <https://bit.ly/2wAVbUA> Banning dangerous cargoes is not the solution to stopping container fires, rather ensuring proper declaration and stowage according to P&I insurers the Standard Club.

Common pitfalls for pilot transfer arrangements. **By Kevin Vallance.** *Maritime Executive*. 17 May 2019. Available from: <https://www.maritime-executive.com/editorials/common-pitfalls-for-pilot-transfer-arrangements> Pilot ladders are the most effective way for most marine pilots to embark and disembark at sea, provided the regulations are complied with and risks are properly assessed.

After two fires on roros in two months, Grimaldi calls for controls on car batteries.

By Sam Chambers. *Splash 247.com*. 20 May 2019. Available from: <https://splash247.com/after-two-fires-on-roros-in-two-months-grimaldi-calls-for-controls-on-car-batteries/> On the back of two fires in a short amount of time on a pair of its ships, Italy's Grimaldi Group has called for more stringent controls and regulations for cars being transported and for dangerous goods shipped in containers.

Unions call for Gulf maritime safety assurances. *Nautilus International*. 20 May 2019.

Available from: <https://www.nautilusint.org/en/news-insight/news/unions-call-for-gulf-maritime-safety-assurances/> Global seafarers' unions have expressed concern about the suspected 'sabotage' of four commercial ships off the coast of the United Arab Emirates and the rising political tensions in the Gulf.

Catalogue of failures found in Stellar Daisy accident investigation report. *Nautilus International*.

21 May 2019. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/catalogue-of-failures-found-in-stellar-daisy-accident-investigation-report/> Dry bulker safety is back in the spotlight as catastrophic structural failures and poor repair history are found to be at fault for the deaths of 22 crew aboard Marshall Islands flagged very large ore carrier.

Seafarers speak out on enclosed space deaths. **By Jo Summers.** *Safety at Sea*. 21 May 2019.

Available from: <https://safetyatsea.net/news/2019/seafarers-speak-out-on-enclosed-space-deaths/> Seafarers and dock workers are still dying while working in enclosed spaces in part because shipping industry investigations encourage a "blame culture", said a new survey from ship management trade association InterManager.

DNV GL's Knut Orbeck-Nilssen calls on shipping to keep safety at forefront of industry's mind. **By Adam Corbett.** *TradeWinds*. 28 May 2019. Available from:

<https://www.tradewindsnews.com/casualties/1783963/dnv-gls-knut-orbeck-nilssen-calls-on-shipping-to-keep-safety-at-forefront-of-industrys-mind> Class society's maritime CEO talks about his worries for safety and disappointment over stalled reforms at IACS.

New dry bulk laws were introduced to boost ship-safety, China says. **By Jim Wilson.**

Freight Waves. 29 May 2019. Available from: <https://www.freightwaves.com/news/new-dry-bulk-laws-were-introduced-to-boost-ship-safety-china-says> Beijing has issued a new bulletin explaining why it has beefed up its dry bulk cargo regulations.

MARITIME SECURITY

How passenger ships can become cyber secure. By Martyn Wingrove. *Passenger Ship Technology*. 1 May 2019. Available from: https://www.passengership.info/news/view,how-passenger-ships-can-become-cyber-secure_57694.htm In a changing digital landscape, passenger ship operators need to evolve their cyber security to prevent threats affecting maritime operations.

Fiji, United States Of America Ties 'Improve Maritime Security'. By Mereleki Nai. *Fiji Sun Online*. 2 May 2019. Available from: <https://fijisun.com.fj/2019/05/02/fiji-united-states-of-america-ties-improve-maritime-security/> Fiji and United States partnership can improve maritime security in many ways.

PH, Indonesia cite gains of coordinated maritime patrols. By Lilian Mellejor. *Philippine News Agency (PNA)*. 2 May 2019. Available from: <https://www.pna.gov.ph/articles/1068765> The Philippines and the Republic of Indonesia are increasing this year's coordinated border patrol activities, citing the gains of the border and maritime defense and security cooperation since the Marawi siege in 2017.

Original insights on maritime cyber security. By Ed Martin. *Maritime Digitalisation & Communications*. 13 May 2019. Available from: https://www.marinemec.com/news/view,how-can-shipping-meet-the-cyber-security-challenge_57822.htm 'Prevention is better than cure' applies in cyber security as elsewhere, and a panel debate on how cyber attacks can be prevented will form one of the highlights of the Maritime Cyber Risk Management Forum in London on 25 June.

Who can secure shipping lines in the Gulf? *Aljazeera*. 13 May 2019. Available from: <https://www.aljazeera.com/programmes/insidestory/2019/05/secure-shipping-lines-gulf-190513191231895.html> There is growing alarm in the Gulf region after ships are attacked off the coast of the United Arab Emirates.

Bourbon Dolphin: A tragic example of ISM non-compliance. *Safety4Sea*. 14 May 2019. Available from: <https://safety4sea.com/cm-bourbon-dolphin-a-tragic-example-of-ism-non-compliance/> As part of its series on maritime casualties related to ISM non-conformities, SAFETY4SEA focuses today on the sinking of the Anchor Handling Tug 'Bourbon Dolphin', which led to eight fatalities.

Africa must work together to ensure maritime security - Mutorwa. *The Namibian*. 15 May 2019. Available from: <https://www.namibian.com.na/78541/read/Africa-must-work-together-to-ensure-maritime-security-%E2%80%93-Mutorwa> African nations need to work together to ensure that maritime safety and security are effectively and efficiently maintained, works and transport minister John Mutorwa says.

Singapore's defense minister flags concerns on maritime security threats. By Sameer C. Mohindru. *S&P Global Platts*. 15 May 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/051519-singapores-defense-minister-flags-concerns-on-maritime-security-threats> Global maritime threats are persisting, and more work needs to be done to tackle new security challenges decisively and ensure that terrorism does not become endemic in parts of Southeast Asia, Singapore's defense minister Ng Eng Hen said Tuesday.

Tanker attacks near UAE expose weaknesses in Gulf Arab security. By Stephen Kalin, Alexander Cornwell, and Dahlia Nehme. *Reuters*. 15 May 2019. Available from: <https://www.reuters.com/article/us-saudi-oil-usa-iran-security-analysis/tanker-attacks-near-uae-expose-weaknesses-in-gulf-arab-security-idUSKCN1SL1BD> Attacks on Saudi tankers and other vessels off the coast of the United Arab Emirates this week expose vulnerabilities in the security of a key oil-shipping route amid rising tensions between the United States, Iran and Gulf Arab states.

Extra security measures in place for ships heading through the Strait of Hormuz.

By Sam Chambers. *Splash 247.com*. 16 May 2019. Available from: <https://splash247.com/extra-security-measures-in-place-for-ships-heading-through-the-strait-of-hormuz/> Shipowners and shipmanagers are taking extra security measures when transiting the Strait of Hormuz and around the key bunkering hub of Fujairah in the wake of attacks on four tankers in the area on Sunday.

Seafarers unions express concern about "sabotage" attack and rising tensions in the Gulf.

International Transport Workers' Federation (ITF). 16 May 2019. Available from: <https://www.itfglobal.org/en/news/seafarers-unions-express-concern-about-sabotage-attack-and-rising-tensions-gulf> Today global seafarers' unions expressed concern about the suspected "sabotage" of four commercial ships off the coast of the United Arab Emirates and the rising tensions in the Gulf.

UPDATE 2-London marine insurers widen Middle East threat zone after ship attacks.

By Jonathan Saul. *Reuters*. 17 May 2019. Available from: <https://reut.rs/2MzHXSS> London's marine insurance market has extended the list of waters deemed high risk to include Oman, the United Arab Emirates and the Gulf after ship attacks off Fujairah, officials said on Friday, in a move that could push up premiums.

GCC states launch 'enhanced security patrols' in Arabian Gulf.

The National (United Arab Emirates). 19 May 2019. Available from: <https://www.thenational.ae/world/mena/gcc-states-launch-enhanced-security-patrols-in-arabian-gulf-1.863117> GCC countries began "enhanced security patrols" in the international waters of the Arabian Gulf on Saturday, the US Navy's Fifth Fleet said.

New cyber security clause from BIMCO. **By Mads Wacher Kjaergaard.** *BIMCO*. 22 May 2019.

Available from: <https://www.bimco.org/news/priority-news/20190522-new-cyber-security-clause-from-bimco> BIMCO's Documentary Committee has agreed a new standard Cyber Security Clause that requires the parties to implement cyber security procedures and systems, to help reduce the risk of an incident and mitigate the consequences should a security breach occur.

MSIB 04-19: Cyber Adversaries Targeting Commercial Vessels.

US Coast Guard Maritime Commons. 28 May 2019. Available from: <https://mariners.coastguard.blog/2019/05/28/msib-04-19-cyber-adversaries-targeting-commercial-vessels/> The Office of Commercial Vessel Compliance issued Marine Safety Information Bulletin 04-19, "Cyber Adversaries Targeting Commercial Vessels," to inform the maritime industry of recent email phishing and malware intrusion attempts that targeted commercial vessels.

Insuring a ship's hull against a cyber incident. **By Marcus Hand.** *Seatrade Maritime News*.

29 May 2019. Available from: <http://www.seatrade-maritime.com/news/europe/insuring-a-ship-s-hull-against-a-cyber-event.html> As a relatively new risk it is not an event that is unlikely to be specifically covered by hull insurance but this is changing and this month Beazley has launched its Cyber defence for marine cover.

U.S. conducts maritime safety, security improvements with Republic of Palau. *United States Coast Guard*. 30 May 2019. Available from:

<https://content.govdelivery.com/accounts/USDHSCG/bulletins/24843c6> The U.S. Coast Guard, in partnership with Embassy Koror and with the support of the Department of Interior, provided aids-to-navigation infrastructure improvements in the waters of Koror, Palau in early May in support of maritime safety and security development.

Protection Vessels International: Weekly Maritime Security Report. *Hellenic Shipping News*.

30 May 2019. Available from: <https://www.hellenicshippingnews.com/protection-vessels-international-weekly-maritime-security-report-84/> According to late reports, six robbers boarded a tanker vessel docked at Jose port at about 0900 hrs local time on 26 April.

Addressing maritime insecurity is focus of HLSI partnership - Amaechi. By Isichei Osamgbi. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 30 May 2019. Available from: <https://www.nimasa.gov.ng/press-center/post/addressing-maritime-insecurity-is-focus-of-hlsi-partnership-amaechi> The Minister of Transportation Rt. Hon. Rotimi Amaechi has emphasized that the motivation behind the Ministry of Transport/Nigerian Maritime Administration and Safety Agency (NIMASA)/HLSI partnership was primarily to halt the maritime insecurity in Nigerian waters and end revenue leakages caused by security challenges.

MIGRANTS

Mediterranean migrant arrivals reach 16,806 in 2019; Deaths reach 410. *International Organization for Migration (IOM)*. 3 May 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-16806-2019-deaths-reach-410> IOM reports that 16,806 migrants and refugees have entered Europe by sea through 1 May, roughly a 25 per cent decrease from the 22,439 arriving during the same period last year.

Spain rescues over 416 migrants at sea in 3 days. *Associated Press*. 6 May 2019. Available from: <https://www.apnews.com/727a794dcd9844b895c8239de836346b> Spain's maritime rescue service says it saved hundreds of migrants while they were attempting to cross the Mediterranean Sea in the last three days.

Libya: Signs and warnings of a migration crisis increasing. By Jeremy Micallef. *Malta Independent*. 6 May 2019. Available from: <http://www.independent.com.mt/articles/2019-05-06/local-news/Libya-Signs-and-warnings-of-a-migration-crisis-increasing-6736207645> Signs and warnings from various entities point towards a dramatic uptick in crossings through the Central Mediterranean route from Libya in the recent future, due to both the turn of the season to more desirable travel conditions, and the ongoing civil war in Libya between factions vying for power in the country.

Mediterranean migrant arrivals reach 17,000 in 2019; Deaths reach 493. *International Organization for Migration (IOM)*. 10 May 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-17000-2019-deaths-reach-493> During the day, Friday, IOM learned of at least two rescue operations occurring off the coasts of Libya and Tunisia, one involving the deaths of 50 migrants.

Up to 25 suspected migrants rescued off Kent coast. By Ajay Nair. *Sky News*. 12 May 2019. Available from: <https://news.sky.com/story/up-to-25-suspected-migrants-rescued-off-kent-coast-11717822> One of two boats found by Border Force authorities had eight children - some as young as two years old - on board.

Sea-Watch 3 rescues 65 people off Libya. *Sea-Watch*. 15 May 2019. Available from: <https://sea-watch.org/en/sea-watch-3-rescues-65-people-off-libya/> Upon arrival in the search and rescue (SAR) zone, the civil rescue ship *Sea-Watch 3* rescued 65 people from a rubber boat in distress, about 30 nautical miles off the Libyan coast.

Mediterranean migrant arrivals reach 18,364 in 2019; Deaths reach 508. *International Organization for Migration (IOM)*. 17 May 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-18364-2019-deaths-reach-508> IOM reports that 18,364 migrants and refugees have entered Europe by sea through 15 May, approximately a 30 per cent decrease from the 26,016 arriving during the same period last year.

Mediterranean migrant arrivals reach 19,830 in 2019; Deaths reach 512. *International Organization for Migration (IOM)*. 24 May 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-19830-2019-deaths-reach-512> IOM reports that 19,830 migrants and refugees have entered Europe by sea through 22 May, roughly a 30 per cent decrease from the 28,325 arriving during the same period last year.

Channel migrants: Migrant crossing figure reaches new high. *BBC News*. 25 May 2019. Available from: <https://www.bbc.co.uk/news/uk-england-kent-48408471> The number of migrants picked up trying to cross the Channel in May is now higher than the figure for December, when a "major incident" was declared.

NAVIGATION & COMMUNICATIONS

Putin steps up talks with Beijing over Arctic shipping. *By Atle Staalesen. Independent Barents Observer (Norway)*. 30 April 2019. Available from: <https://thebarentsobserver.com/en/2019/04/putin-steps-talks-beijing-over-arctic-shipping> The Russian president aims for more Chinese investments in Arctic LNG and growth in trans-shipments on the Northern Sea Route.

Eckerö Line deploys 3D ship display for situational awareness. *Maritime Executive*. 30 April 2019. Available from: <https://www.maritime-executive.com/article/eckeroe-line-tests-3d-ship-display-for-situational-awareness> Finnish cruise ferry operator Eckerö Line will soon be using a new bridge display technology that shows a sensor-generated visualization of the ship and its surroundings.

Ships' black boxes to be upgraded. *By Adam Corbett. TradeWinds*. 7 May 2019. Available from: <https://www.tradewindsnews.com/casualties/1772658/ships-black-boxes-to-be-upgraded> Voyage data recorder development due as electronic data becomes key in casualty and insurance claims.

Chile to publish vessel tracking data through Global Fishing Watch. *By Sarah Bladen. Global Fishing Watch*. 15 May 2019. Available from: <https://globalfishingwatch.org/press-release/chile-to-publish-vessel-tracking-data-through-gfw/> The Chilean government today signed an agreement to make its vessel tracking data publicly available through the Global Fishing Watch (GFW) map, which tracks the movements of commercial fishing* vessels in near real-time.

Ships coming to Bay Area slowing down to avoid hitting, killing whales. *By Peter Fimrite. San Francisco Chronicle*. 17 May 2019. Available from: <https://www.sfchronicle.com/science/article/Ships-coming-to-Bay-Area-slowing-down-to-avoid-13852203.php> A campaign to slow ships steaming toward San Francisco and other California ports so they are less likely to injure or kill whales is beginning to pay off, with 22 local and international shipping companies agreeing to reduce speeds voluntarily, federal officials said Thursday.

Is English the true international language of the sea? *By Grant Livingstone. gCaptain*. 22 May 2019. Available from: <https://gcaptain.com/is-english-the-true-international-language-of-the-sea/> In 1988 the IMO made "Seaspeak" the international language of the sea.

As Arctic ship traffic increases, walrus and other unique animals are at risk. *By Donna Hauser, Harry Stern, and Kristin Laidre. World Economic Forum*. 24 May 2019. Available from: <https://www.weforum.org/agenda/2019/05/as-arctic-ship-traffic-increases-narwhals-and-other-unique-animals-are-at-risk/> Most Americans associate fall with football and raking leaves, but in the Arctic this season is about ice.

EU plans first satellite fleet to monitor CO2 in every country. By Karl Mathiesen. *Climate Home News*. 27 May 2019. Available from: <https://www.climatechangenews.com/2019/05/27/eu-plans-satellite-fleet-monitor-co2-every-country/> Europe is readying a new fleet of satellites that will monitor CO2 emissions at every point on earth, creating the first worldwide system to independently track polluters.

Shipping sticks out 'like a sore thumb' in the connected world. By Marcus Hand. *Seatrade Maritime News*. 28 May 2019. Available from: <http://www.seatrade-maritime.com/news/middle-east-africa/shipping-sticks-out-like-a-sore-thumb-in-the-connected-world.html> Shipping increasingly "sticks out like a sore thumb" in the connected world, but maritime communications executives believe this will change in the short term.

The future of ship routing. *Manila Times*. 29 May 2019. Available from: <https://www.manilatimes.net/the-future-of-ship-routing/561486/> New technologies are improving the system of ship routing, making navigation faster and safer than ever before and paving the way for mega-container vessels and fully autonomous ships to sail the high seas in the future.

'Going dark' is a red flag - AIS tracking and sanctions compliance. *Gard*. 29 May 2019. Available from: <http://www.gard.no/web/updates/content/27716479/going-dark-is-a-red-flag-ais-tracking-and-sanctions-compliance> Turning off the AIS to avoid detection is having the opposite effect when it comes to authorities monitoring vessels in areas covered by sanctions.

PIRACY

After pirate attack off Somalia, judge orders that 5 suspects are held in Seychelles. By Betymie Bonnelame and Rassin Vannier. *Seychelles News Agency*. 29 April 2019. Available from: <http://www.seychellesnewsagency.com/articles/10897/After+pirate+attack+off+Somalia,+judge+order+s+that++suspects+are+held+in+Seychelles> Three out of five suspected pirates from Somalia who were transferred to Seychelles by EU NAVFOR last week were remanded until May 13 by the Supreme Court on Monday.

Pirates abduct Indian seafarers from merchant ship in Nigeria. By Sushil Rao. *Times of India*. 1 May 2019. Available from: <https://timesofindia.indiatimes.com/india/pirates-abduct-indian-seafarers-from-merchant-ship-in-nigeria/articleshow/69130946.cms> Pirates have abducted five Indian seafarers after taking their ship *MT Apecus* at Bonny Outer anchorage in Nigeria.

Photos: Spanish Navy rescues heavy lift ship from pirates. *Maritime Executive*. 7 May 2019. Available from: <https://www.maritime-executive.com/article/spanish-navy-rescues-boskalis-heavy-lift-ship-from-pirates> On Sunday, the heavy lift ship *Blue Marlin* was hijacked off the coast of Equatorial Guinea.

Pirates specifically target Indian seafarers in Gulf of Guinea; DG shipping comes up with safety advisory. By Sushil Rao. *Times of India*. 10 May 2019. Available from: <https://timesofindia.indiatimes.com/india/pirates-specifically-target-indian-seafarers-in-gulf-of-guinea-dg-shipping-comes-up-with-safety-advisory/articleshow/69274659.cms> With Indian seafarers in particular being targeted by pirate, the DG Shipping, Mumbai has asked shipping companies not to place Indian seafarers on coastal vessels trading solely within the ports of Gulf of Guinea.

Piracy: Arrest risk for private maritime security teams in West Africa. By Gabriella Twining. *Safety at Sea*. 10 May 2019. Available from: <https://safetyatsea.net/news/2019/piracy-arrest-risk-for-private-maritime-security-teams-in-west-africa> Nine private maritime security contractors have been detained by Nigerian authorities on the grounds of suspected illegal possession of firearms.

Eight pirates arrested after tanker hijacking off Togo. *Maritime Executive*. 15 May 2019.

Available from: <https://maritime-executive.com/article/eight-pirates-arrested-after-tanker-hijacking-off-togo> On Monday, the government of Togo announced that its forces had thwarted a maritime hijacking in progress in the Gulf of Guinea.

FG, UNODC rally multi-national efforts to foil piracy in Gulf of Guinea. By Bennett Oghifo.

This Day (Nigeria). 18 May 2019. Available from:

<https://www.thisdaylive.com/index.php/2019/05/18/fg-unodc-rally-multi-national-efforts-to-foil-piracy-in-gulf-of-guinea/> The total economic cost of piracy in West Africa has been estimated as \$777.1 million annually between 2015 and 2017, in addition to human costs as the Gulf of Guinea experienced an escalation of piracy, kidnapping and armed robbery at sea in recent years.

Nigerian pirates demand \$1m to free 5 Indian sailors. By Ch Sushil Rao. *Times of India*.

23 May 2019. Available from: <https://timesofindia.indiatimes.com/india/nigerian-pirates-demand-1m-to-free-5-indian-sailors/articleshow/69452945.cms> The Nigerian pirates who took five Indian seafarers hostage last month have demanded \$1 million to release them.

PORT STATE CONTROL

The Paris MoU holds 52nd Committee Meeting in St. Petersburg. *Paris MoU on Port*

State Control. 22 May 2019. Available from: <https://www.parismou.org/paris-mou-holds-52nd-committee-meeting-st-petersburg> The Paris Memorandum of Understanding on Port State Control (Paris MoU) held its 52nd Committee meeting in St. Petersburg, the Russian Federation, from 13-17 May 2019, chaired by Mr. Brian Hogan.

Foreign flagged ships detained in the UK during April 2019. *UK Government*. 22 May 2019.

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

The PSC regime needs to be more human. By Pradeep Chawla. *Splash 247.com*. 28 May 2019.

Available from: <https://splash247.com/the-psc-regime-needs-to-be-more-human/> Captain Pradeep Chawla from shipmanger Anglo-Eastern is speaking today at DNV GL's Port State Control Seminar.

PORTS & HARBOURS

Ports part of the solution, not the problem - Chair of British Ports Association. *British Ports*

Association. 30 April 2019. Available from: <https://www.britishports.org.uk/news/ports-part-of-the-solution-not-the-problem-chair-of-british-ports-association> A record turnout of over 300 guests gathered in London today for the British Ports Association's annual lunch and AGM, which struck an optimistic tone about the role of ports in supporting a range of economic and environmental goals.

Naples joins list of Med ports with poor air quality. *Ship & Bunker*. 30 April 2019. Available from:

<https://shipandbunker.com/news/emea/190340-naples-joins-list-of-med-ports-with-poor-air-quality> Environmentalists have put the spotlight back on poor air quality in ports with release of samples taken over the weekend in the southern Italian port of Naples.

"Ask not what your country can do for you...". *FEPORT (Federation of European Private Port*

Companies and Terminals). April 2019. Available from: <https://www.feport.eu/media-corner/news/news/440-feport-newsletter-april-2019> "Ask what you can do for your country" ...or for the port neighbouring areas, for the people working in ports or for citizens living close to ports.

Brexit debate has highlighted 'crucial role' of UK ports, minister says. By James Baker.

Lloyd's List. 1 May 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1127298/Brexit-debate-has-highlighted-crucial-role-of-UK-ports-minister-says>

UK ports are calling for clarity on the country's departure from the European Union and is urging the government to deliver a regulatory and economic environment that offers certainty and is open to investment and innovation.

CSA 2020: More Than 20 Ports to Allow Open-Loop Scrubber Use. *World Maritime News*.

3 May 2019. Available from: <https://worldmaritimeneews.com/archives/276041/csa-2020-more-than-20-ports-to-allow-open-loop-scrubber-use/> Several port authorities around the world have confirmed that they have no intention of banning the use of open-loop scrubbers in their waters, according to the Clean Shipping Alliance 2020 (CSA 2020).

Ports begin to revoke scrubber ban. *Clean Shipping Alliance 2020*. 6 May 2019. Available from:

<https://www.cleanshippingalliance2020.org/2019/05/06/ports-begin-to-revoke-scrubber-ban/>

The Clean Shipping Alliance 2020 (CSA 2020) has received written approvals and no-objection letters from several Port Authorities around the world indicating they have no intention of banning the use of open-loop scrubbers in their waters.

Ports address climate change to support investment decision-making. By Sam Chambers.

Splash 247.com. 8 May 2019. Available from: <https://splash247.com/ports-address-climate-change-to-support-investment-decision-making/> At the International Association of Ports and Harbors 2019 World Ports Conference opening in Guangzhou, IMO secretary general Kitack Lim re-emphasised the importance of the combined role of shipping and ports in both world trade and sustainable development.

IAPH, several IMO member states and NGOs to submit MEPC resolution encouraging voluntary cooperation between ports and shipping to reduce vessel GHG emissions.

Hellenic Shipping News. 9 May 2019. Available from: <https://bit.ly/2XOWNpy> The IMO Secretary General spoke about the work of the International Association of Ports and Harbors (IAPH) with member IMO states and NGOs to address specific UN Sustainable Development Goals (SDGs).

PSA teams with Changi's ground-handler to promote sea-air connectivity. By Sam Chambers.

Splash 247.com. 9 May 2019. Available from: <https://splash247.com/psa-teams-with-changis-ground-handler-to-promote-sea-air-connectivity/> Terminal operator PSA International and SATS, the chief ground-handler at Singapore Changi Airport, have today signed a Memorandum of Understanding (MOU) to provide cargo owners and logistics service providers with connectivity between the new Tuas megaport and the airport.

Norwegenkai shore-based ship power plant inaugurated: Kiel enables emission-free power to ships in port. By Ulf Jahnke. *Port of Kiel*. 9 May 2019. Available from:

<https://www.portofkiel.com/news-reader-en/norwegenkai-shore-based-ship-power-plant-inaugurated.html> The Port of Kiel's first shore-based power supply plant for shipping was officially inaugurated at the Norwegenkai on May 9th.

ESPO supports EU proposal to discuss a harmonized approach on scrubbers at IMO level.

European Sea Ports Organisation (ESPO). 9 May 2019. Available from:

<https://www.espo.be/news/espo-supports-eu-proposal-to-discuss-a-harmonized-> IMO Marine Environment Protection Committee (MEPC 74), which is commencing next week in London, will discuss an EU proposal on the exhaust gas cleaning systems (scrubbers).

Scrubber lobby receives assurances from several ports. By Niklas Krigslund. *ShippingWatch*.

10 May 2019. Available from: <https://shippingwatch.com/secure/suppliers/article11372403.ece> Clean Shipping Alliance 2020 has received no-objection letters from more than 20 ports indicating that they will not introduce bans on open-loop scrubbers.

Maritime trade: NIMASA, port of Antwerp set to partner. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 19 May 2019. Available from: <https://www.nimasa.gov.ng/press-center/post/maritime-trade-nimasa-port-of-antwerp-set-to-partner> As part of efforts to boost trade and encourage foreign direct investment opportunities in the Nigerian maritime sector, the Nigerian Maritime Administration and Safety Agency is set to partner with the Port of Antwerp in Belgium.

Panama Canal closer to a carbon neutral future. By Shailaja A. Lakshmi. *MarineLink*. 21 May 2019. Available from: <https://www.marinelink.com/news/panama-canal-closer-a-carbon-neutral-466379> The Panama Canal Authority announced enhancements to its industry-leading Green Connection Environmental Recognition Program.

Sniffer drones will start patrolling the world's busiest shipping ports. By Jack Wittels and Ann Koh. *Bloomberg*. 21 May 2019. Available from: <https://www.bnnbloomberg.ca/sniffer-drones-will-start-patrolling-the-world-s-busiest-shipping-ports-1.1261576> Teams of drones are about to start policing the skies of some of the world's busiest shipping ports.

China-Europe Railway and Port of Rotterdam to extend multimodal transportation via Chengdu-Tilburg link. *Xinhuanet (China)*. 22 May 2019. Available from: http://www.xinhuanet.com/english/2019-05/22/c_138078117.htm Chinese and Dutch railway link operators on Tuesday celebrated three years of successful operation of cargo express between Chengdu and Tilburg and signed a MOU with the Port of Rotterdam to extend subsequent transportation via this route and transit from eastern coastline of North America, Britain, Ireland, Scandinavian and Baltic areas.

Gloomier picture for global container port throughput as tariff wars begin to bite. By Mike Wackett. *The Loadstar*. 22 May 2019. Available from: <https://theloadstar.com/gloomier-picture-for-global-container-port-throughput-as-tariff-wars-begin-to-bite/> Alphaliner has slashed its global container throughput growth estimate for this year to just 2.5% from 3.6%.

Rotterdam sends hyper-smart container on trip around the world. *Port of Rotterdam*. 24 May 2019. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/rotterdam-sends-hyper-smart-container-on-trip-around-the-world> During this journey, the container – which houses an array of sensors and communications equipment – will be measuring changes in parameters like vibration, slope, position, sound, local air pollution, humidity and temperature.

Feature: European ports expand LSFO storage in preparation for IMO 2020. *S&P Global Platts*. 28 May 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/052819-feature-european-ports-expand-lsfo-storage-in-preparation-for-imo-2020> European ports have been expanding their low sulfur fuel oil storage capacity ahead of IMO 2020 -- a lower sulfur cap on marine fuels, mandated by the IMO, from January 1, 2020.

Sri Lanka announces port deal with Japan, India. By Lakruwan Wanniarachchi. *Japan Today*. 29 May 2019. Available from: <https://japantoday.com/category/business/sri-lanka-enters-port-deal-with-japan-india> Sri Lanka Tuesday announced it is entering into partnership with India and Japan to develop a deep-sea container terminal next to a controversial \$500-million Chinese-run container jetty in Colombo harbor.

Online port community system a 'game-changer' for India's shipping industry. By Sam Whelan. *The Loadstar*. 30 May 2019. Available from: <https://theloadstar.com/online-port-community-system-a-game-changer-for-indias-shipping-industry/> India's new port community system is a "game-changer" for shipping operations, and is set to help reduce the high logistics costs in the country.

Port of Novorossiysk: Black Sea flagship. By Elena Snitko. *Port News*. 30 May 2019. Available from: <http://en.portnews.ru/comments/2678/> For almost two centuries, the port of Novorossiysk has been a personification of national maritime industry's power.

REGULATIONS

Interview: Industry's preparations for IMO 2020 rule shows 'significant progress' - ExxonMobil. By Surabhi Sahu. *S&P Global Platts*. 30 April 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/043019-interview-industrys-preparations-for-imo-2020-rule-shows-significant-progress-exxonmobil> With less than nine months to go before the International Maritime Organization's global sulfur limit rule for marine fuels kicks in, the industry is making 'significant progress' to prepare for it, ExxonMobil's marine fuels venture manager Luca Volta said recently.

Singapore IMO 2020 prison threat is 'authoritarian provocation'. By Gary Dixon. *TradeWinds*. 30 April 2019. Available from: <https://www.tradewindsnews.com/legal/1767296/singapore-imo-2020-prison-threat-is-authoritarian-provocation> US scrubber maker Pacific Green Trust (PGT) has reacted angrily to Singapore's intended criminalisation of seafarers who fail to comply with IMO 2020 regulations.

Three updated marine regulations you need to know about in 2019. By Andrew Sillitoe. *Lloyd's Register*. 30 April 2019. Available from: <https://www.lr.org/en/insights/articles/marine-regulations-2019/> SOLAS damage stability, EU MRV and IMO DCS and MARPOL ANNEX VI: what you need to know to prepare and comply.

So long Sulphur emissions: navigating the new IMO regulations. By Andrew Tunnicliffe. *Ship-Technology.com*. 30 April 2019. Available from: <https://www.ship-technology.com/features/shipping-industry-challenges/> In January 2020 the shipping industry, and those supplying its fuel, face one of the biggest challenges in decades.

Speed reduction regulation will give 'false impression' that industry is reducing carbon emissions. *UK Chamber of Shipping*. 2 May 2019. Available from: <https://www.ukchamberofshipping.com/latest/speed-reduction-regulation-will-give-false-impression-industry-reducing-carbon-emissions/> New Proposals to limit the speed of ships as a way of reducing carbon emissions will have the opposite effect, the UK Chamber of Shipping has warned.

Wärtsilä becomes first Ballast Water Management System supplier to be granted dual technology USCG Type Approval. *Wärtsilä Corporation*. 6 May 2019. Available from: <https://www.wartsila.com/media/news/06-05-2019-wartsila-becomes-first-ballast-water-management-system-supplier-to-be-granted-dual-technology-uscg-type-approval-2437497> The technology group Wärtsilä's Aquarius UV Ballast Water Management System (BWMS) has been granted US Coastguard (USCG) Type Approval.

Hapag Lloyd's IMO2020 Fuel Bill: One Billion Dollars. *Ship & Bunker*. 9 May 2019. Available from: <https://shipandbunker.com/news/emea/603469-hapag-lloyds-imo2020-fuel-bill-one-billion-dollars> Box ship operator Hapag-Lloyd has said that the cost of switching to low sulfur fuels will be EUR 1.1-1.2 billion (\$1.3bn) annually.

Crusade for ISPS Code compliance. By Yusuf Babalola. *Leadership (Nigeria)*. 11 May 2019. Available from: <https://leadership.ng/2019/05/11/crusade-for-isps-code-compliance/> The present management of the Nigerian Maritime Administration and Safety Agency (NIMASA), led by Dr. Dakuku Peterside, has doubled its effort to attain 100 per cent compliance of all port terminals and jetties at Nigerian seaports.

Shell partners with industry on successful fuel trials ahead of IMO 2020. *Shell*. 13 May 2019.

Available from: <https://www.shell.com/business-customers/marine/news-and-media-releases/news-and-media-2019/shell-partners-with-industry-on-successful-fuel-trials-ahead-of-imo-2020.html> IMO 2020 implementation day is approaching quickly and to help customers prepare, Shell is offering trials for its very low sulphur fuel oil (VLSFO) in key ports.

IMO 2020: The tsunami that's heading your way. By Paul Berrill. *TradeWinds*. 20 May 2019.

Available from: <https://www.tradewindsnews.com/TWplus/1772240/imo-2020-the-tsunami-thats-heading-your-way> IMO 2020, the regulation to cut marine fuel sulphur emissions from 3.5% to 0.5%, will set off a tsunami.

New shipping emissions regulations will increase Caribbean food costs.

By Daphne Ewing-Chow. *Forbes*. 22 May 2019. Available from:

<https://www.forbes.com/sites/daphneewingchow/2019/05/22/new-shipping-emissions-regulations-will-increase-caribbean-food-costs/> The Caribbean is highly dependent on global trade and shipping, with the proportion of trade to GDP ranging from 90 percent for St. Vincent and the Grenadines to 104 percent for Guyana and 114 percent for Dominica (World Bank).

IMO 2020 - impact on downstream, upstream, LNG and bulks sectors. *Wood Mackenzie*.

23 May 2019. Available from: <https://www.woodmac.com/news/feature/imo-2020-webinar-impact-on-upstream-producers-lng-bulks/> Implementation of IMO 2020 regulation is less than eight months away and its implications will be felt beyond refining and shipping.

Seafarers at risk because the regulator is drowning in paperwork, inquiry submission reveals.

By Meagan Dillon. *ABC (Australia)*. 29 May 2019. Available from:

<https://www.abc.net.au/news/2019-05-30/maritime-safety-standards-in-australia-are-at-risk/11155492> Maritime safety standards in Australia are compromised and putting lives at risk because the peak regulator is too busy "processing paperwork" and not checking unsafe vessels, a new report by an international marine organisation has alleged.

Media: Trump no longer skeptical of the 2020 sulfur regulations. By Trine Vestergaard.

ShippingWatch. 31 May 2019. Available from:

<https://shippingwatch.com/secure/regulation/article11417052.ece> The US is no longer actively working to postpone the start date for the 2020 regulations, reports the Wall Street Journal.

SALVAGE

Solomon Islands to refloat ship after oil spill. *Radio New Zealand*. 10 May 2019. Available from:

<https://www.radionz.co.nz/international/pacific-news/388941/solomon-islands-to-refloat-ship-after-oil-spill> Efforts will begin on Saturday in Solomon Islands to refloat a wrecked ship at the centre of an environmental disaster.

Resolve refloats cement carrier off pristine beaches of Oman allowing no damage to the environment. *Resolve Marine Group*. 20 May 2019. Available from:

<https://resolvemarine.com/news/resolve-refloats-cement-carrier-off-pristine-beaches-of-oman-allowing-no-damage-to-the-environment/> Resolve Marine Group recently completed the complicated wreck removal of the bulk cement carrier *MV RAYSUT II*, which grounded off the pristine beaches of Al-Fazayah Beach, Salalah.

SEAFARERS

'I am broken': sailors stranded at sea in UAE finally set to return to dry land. By Nick Webster. *The National (United Arab Emirates)*. 27 April 2019. Available from: <https://www.thenational.ae/uae/i-am-broken-sailors-stranded-at-sea-in-uae-finally-set-to-return-to-dry-land-1.854203> Dozens of sailors trapped at sea for up to two years due to salary disputes face the harsh realities of rebuilding their lives.

Gender equality is IMO theme for Day of the Seafarer 2019. By Raffy Ayeng. *Manila Times*. 1 May 2019. Available from: <https://www.manilatimes.net/gender-equality-is-imo-theme-for-day-of-the-seafarer-2019/547655/> The International Maritime Organization (IMO) has chosen gender equality as its main campaign theme to celebrate the Day of the Seafarer on June 25.

Gov't urged to make Filipinos the 'seafarers of choice. By Charissa Luci-Atienza. *Manila Bulletin*. 1 May 2019. Available from: <https://news.mb.com.ph/2019/05/01/govt-urged-to-make-filipinos-the-seafarers-of-choice/> The chairman of the House Committee on Migrant Workers' Affairs has urged the Philippine government to continue producing more global maritime professionals by closely keeping an eye on the country's maritime education, training, examination, and assessment system.

Port backs wellbeing support for international seafarers. *Port of Milford Haven*. 1 May 2019. Available from: <https://www.mhpa.co.uk/news/2019/05/01/port-backs-wellbeing-support-for-international-seafarers/> The Port of Milford Haven is continuing its support for the Apostleship of the Sea this year with financial backing to help the organisation provide support for seafarers visiting Pembrokeshire.

Danish maritime Authority paves the way with digital certificates for seafarers. *Safety4Sea*. 2 May 2019. Available from: <https://safety4sea.com/danish-maritime-authority-paves-the-way-with-digital-certificates-for-seafarers/> The Danish Maritime Authority attended the stage at the IMO in London to present their project on digital certificates for seafarers.

Ship inspections for seafarers' protection: The Maritime Labour Convention at work. *International Labour Organization (ILO)*. 3 May 2019. Available from: https://www.ilo.org/global/about-the-ilo/newsroom/news/WCMS_696344/lang--en/index.htm Ship inspections are critical for ensuring compliance with the Maritime Labour Convention, and as such, decent living and working conditions for seafarers.

CMA TV: Jason Zuidema on the impact of social isolation on seafarers. By Iain Gomersall. *Knect365 Maritime*. 3 May 2019. Available from: <https://knect365.com/shipping/article/a7b562aa-5d60-46c2-88be-eb9011a88e97/cma-tv-jason-zuidema-on-the-impact-of-social-isolation-on-seafarers> Earlier this month, we spoke with Jason Zuidema, executive Director at the North American Maritime Ministry Association (NAMMA), at CMA Shipping in Stamford, Connecticut.

Maritime workers lament sack of 300 Nigerian seafarers. By Yusuf Babalola. *Leadership (Nigeria)*. 5 May 2019. Available from: <https://leadership.ng/2019/05/05/maritime-workers-lament-sack-of-300-nigerian-seafarers/> The seafarers association under the aegis of the Nigerian Merchant Navy Officers and Water Transport Senior Staff Association (NMNOWTSSA) and the Maritime Workers' Union of Nigeria (MWUN) have raised the alarm over the sack of 300 Nigerian seafarers on a Chinese vessel in Lagos.

Indian sailors' abduction: Sushma Swaraj asks highest level action. *Economic Times (India)*. 7 May 2019. Available from: <https://economictimes.indiatimes.com/news/politics-and-nation/indian-sailors-abduction-sushma-swaraj-asks-highest-level-action/articleshow/69213761.cms> External Affairs Minister Sushma Swaraj on Tuesday asked the Indian High Commissioner in Nigeria to take the abduction of five Indian sailors by pirates in the African nation two weeks ago, at the "highest level".

Seafarer Desertion - The Club's Experience. *Hellenic Shipping News*. 7 May 2019.

Available from: <https://www.hellenicshippingnews.com/seafarer-desertion-the-clubs-experience/>

The Club has recently undertaken an analysis of claims involving seafarers who have deserted their vessel over the previous ten years.

Crew abandonment cases on the rise again in 2019. *Nautilus International*. 8 May 2019.

Available from: <https://www.nautilusint.org/en/news-insight/news/crew-abandonment-cases-could-hit-highs-in-2019/> Crew abandonment cases in 2019 could reach above-average highs after a total of 13 cases were recorded in the year to March.

UK would come to standstill without seafarers - shipping minister. *Nautilus International*.

9 May 2019. Available from: <https://www.nautilusint.org/en/news-insight/news/uk-would-come-to-standstill-without-seafarers--shipping-minister/> UK Shipping Minister Nusrat Ghani has slammed parts of the maritime industry for failing to live up to its responsibility on jobs, skills and conditions.

Employers failing to support seafarers' move ashore. *Nautilus International*. 10 May 2019.

Available from: <https://www.nautilusint.org/en/news-insight/news/employers-failing-to-support-seafarers-move-ashore/> Preliminary findings from a survey into seafarers moving in to shore-based roles, found that 75% of respondents received no support from their company when they considering swallowing the anchor.

Down the wellness rabbit hole. By Steven Jones. *Splash 247.com*. 14 May 2019. Available from:

<https://splash247.com/down-the-wellness-rabbit-hole/> Steven Jones, founder of the Seafarers Happiness Index, says it's worrying and vexing looking at the speed with which people demand training and standards, something which is clogging the professional arteries of seafarers.

Stakeholders laud Marina effort in 'White List'. By Raffy Ayeng. *Manila Times*. 15 May 2019.

Available from: <https://www.manilatimes.net/stakeholders-laud-marina-effort-in-white-list/554931/> Maritime stakeholders, particularly manning agencies, lauded the Maritime Industry Authority for its continuing efforts to maintain the country's reputation as the leading provider of maritime professionals and securing our spot in the IMO "White List".

New survey from ICS and ECSA paints positive picture for seafarer internet access.

International Chamber of Shipping (ICS). 15 May 2019. Available from: <http://www.ics-shipping.org/news/press-releases/2019/05/15/new-survey-from-ics-and-ecsa-paints-positive-picture-for-seafarer-internet-access> A new survey from ICS and ECSA reveals that not only is internet access for seafarers for personal use on board ships more widespread and available than previously imagined, but also that the positive benefits associated with this access outweigh the feared safety concerns around the technology.

IMEC Press Release: Automation Conference Concludes - Seafarers are Necessary.

International Maritime Employers' Council (IMEC). 17 May 2019. Available from: <http://www.imec.org.uk/imec-news/imec-press-release-automation-conference-concludes-seafarers-are-necessary/> The International Maritime Employers' Council (IMEC) held its 2019 conference focusing on the Human Element in Marine Automation, in Southampton on 11th April. [IMEC's 2019 Conference Videos](#) 📺

87 Indian sailors stuck in Indonesia since February. By Ch Sushil Rao. *Times of India*.

17 May 2019. Available from: <https://timesofindia.indiatimes.com/india/87-indian-sailors-stuck-in-indonesia-since-february/articleshow/69381398.cms> Eighty seven Indian sailors are stuck and suffering hardships on five ships that were detained by Indonesia for illegal anchoring" about four months ago.

Seafarers condemn working conditions on board Blumenthal ships. *International Transport Workers' Federation (ITF)*. 19 May 2019. Available from:

<https://www.itfglobal.org/en/news/seafarers-condemn-working-conditions-board-blumenthal-ships>

Current and former seafarers have detailed exploitative working conditions aboard Blumenthal vessels raising grave concerns about the welfare and rights of seafarers working on their global fleet.

Abandoned at sea: the cargo crew adrift without wages, fuel or supplies. *The Guardian*.

20 May 2019. Available from: <https://www.theguardian.com/news/audio/2019/may/20/abandoned-at-sea-the-invisible-seafarers-trying-to-get-home> When companies run into trouble they can leave ships' crews drifting at sea with no visas, wages or supplies.

A place of refuge for mariners and migrants. *By Eric Martin. TradeWinds*. 21 May 2019.

Available from: <https://www.tradewindsnews.com/TWplus/1684748/a-place-of-refuge-for-mariners-and-migrants> A New York guest house for seafarers is also a first home for asylum seekers in the US.

European elections - what's in it for maritime workers? *Nautilus International*. 21 May 2019.

Available from: <https://www.nautilusint.org/en/news-insight/news/european-elections-whats-in-it-for-maritime-workers/> The importance of seafarers having a voice in Europe on fair transport and social policy has been flagged ahead of the European elections taking place in the UK and Netherlands on 23 May 2019.

ITF calls on Transport Canada to stop ships lashing on the St Lawrence River after seafarer's death. *International Transport Workers' Federation (ITF)*. 23 May 2019. Available from:

<https://www.itfglobal.org/en/news/itf-calls-transport-canada-stop-ships-lashing-st-lawrence-river-after-seafarers-death> The ITF today called on the Transport Canada to ban foreign-crew from undertaking dangerous lashing work while vessels are underway in the Saint Lawrence river after the death of a seafarer on Sunday, May 19.

Alarm raised at the vast amount of money owed in backpay to the world's seafarers.

By Sam Chambers. *Splash 247.com*. 23 May 2019. Available from: <https://splash247.com/alarm-raised-at-the-vast-amount-of-money-owed-in-backpay-to-the-worlds-seafarers/> The amount of back pay owed to crew remains alarmingly high despite greater scrutiny from mainstream press and the general public.

Seafarers forced to collect rainwater to survive on board Blumenthal's LITA. *International Transport Workers' Federation (ITF)*. 23 May 2019. Available from:

<https://www.itfglobal.org/en/news/seafarers-forced-collect-rainwater-survive-board-blumenthals-lita>

The International Transport Workers' Federation (ITF) have heard claims that seafarers on board Blumenthal's "LITA" are being forced to collect rain water with tarpaulins for drinking water after the ship ran out of potable water.

Abandoned seafarers reach settlement that will allow them to return home. *By Nick Webster.*

The National (United Arab Emirates). 23 May 2019. Available from: <https://www.thenational.ae/uae/abandoned-seafarers-reach-settlement-that-will-allow-them-to-return-home-1.865319> The three remaining crew members on the *MZ Azraqmoiah* tanker reach a pay agreement with employers and can be repatriated after more than two years at sea.

Victory for women seafarers. *Norwegian Seafarers' Union (NSU)*. 23 May 2019. Available from:

<http://www.nsu.org/nsu/victory-for-women-seafarers> The NSU is proud to have contributed to a landmark decision at the International Labour Organisation (ILO) to stop sexist discrimination.

Could conditional maritime subsidies boost employment and training for European-based seafarers? *European Transport Workers' Federation*. 24 May 2019. Available from: <https://bit.ly/2XvUsQn> At the ITF-OECD Summit on "Transport Connectivity for Regional Integration", we discussed subsidies and non-European investment in the maritime and port industries.

Abandoned on ship, stranded and starved Indian seafarers send out SOS saying vessel could sink. By Ch Sushil Rao. *Times of India*. 26 May 2019. Available from: <https://timesofindia.indiatimes.com/india/abandoned-on-ship-stranded-and-starved-indian-seafarers-send-out-sos-saying-vessel-could-sink/articleshow/69494351.cms> Two Indian sailors practically abandoned on a merchant ship off the UAE coast in the Persian Gulf have sent out an SOS.

New job offers for Kenyan youth seafarers as interviews start in Mombasa. By Philip Mwakio and Patrick Beja. *Standard Digital (Kenya)*. 27 May 2019. Available from: <https://www.standardmedia.co.ke/business/article/2001327299/new-job-offers-for-kenyan-youth-seafarers-as-interviews-start> A scheduled interview for youths seeking to be seafarers has excited hundreds of job seekers in Mombasa county and other coastal counties.

The digital voyage begins: The Danish Maritime Authority launches a pilot project on digital certificates for seafarers. *Danish Maritime Authority*. 29 May 2019. Available from: <https://www.dma.dk/Presse/Nyheder/Sider/The-digital-voyage-begins.aspx> Today, MUMBAI MÆRSK heads out from the Port of Aarhus for destinations in Europe, Africa and Asia with crew certificates that are entirely digital instead of traditional paper certificates.

SEARCH & RESCUE

Joint release - Search and rescue drone trial announced in Essex. *UK Maritime & Coastguard Agency*. 29 April 2019. Available from: <http://hmcoastguard.blogspot.com/2019/04/joint-release-search-and-rescue-drone.html> For the next 12 months, a new drone trial is taking flight to support vital search and rescue action around the coast of Essex, thanks to a partnership between Essex Police, the Maritime & Coastguard Agency (MCA) and the Royal National Lifeboat Institution (RNLI).

United States, Republic of Peru sign historic agreement to enhance search and rescue capabilities. *United States Coast Guard*. 29 April 2019. Available from: <https://content.govdelivery.com/accounts/USDHSCG/bulletins/241a2d6> The governments of the United States and the Republic of Peru entered into the U.S.-Peru Aeronautical and Maritime Search and Rescue (SAR) Agreement in a signing ceremony held April 29, 2019, at the Peruvian Foreign Ministry in Lima, Peru.

Up to 70 dead in the Mediterranean, others try to swim to safety - Sea-Watch 3 on the way to rescue mission, after court lifts blockade. *Sea-Watch*. 13 May 2019. Available from: <https://sea-watch.org/en/sea-watch-3-on-the-way-to-rescue-mission/> On Saturday, the *Sea-Watch 3* has set sails again for search and rescue after more than a month of unlawful blockade by its own flag state, the Netherlands.

Watch: Captain fined over *Lifeline* registration; magistrate decries 'frightening levels' of racism. By Jacob Borg and Philip Leone-Ganado. *Times of Malta*. 14 May 2019. Available from: <https://www.timesofmalta.com/articles/view/20190514/local/lifeline-captain-fined-10000-over-migrant-rescue-vessel-registration.709936> 🇲🇹 The captain of the *MV Lifeline* has been fined €10,000 after a court found that the rescue vessel had not been properly registered when it entered Maltese waters after rescuing 200 migrants at sea last June.

EU countries put pressure on refugee sea rescue missions. By Lisa Hänel. *Deutsche Welle (Germany)*. 14 May 2019. Available from: <https://www.dw.com/cda/en/eu-countries-put-pressure-on-refugee-sea-rescue-missions/a-48739130> A court in Malta has fined a German captain for sailing an improperly registered rescue ship to save displaced people on the Mediterranean Sea.


Italy: UN experts condemn bill to fine migrant rescuers. *United Nations Office of the High Commissioner for Human Rights (OHCHR)*. 20 May 2019. Available from: <https://www.ohchr.org/EN/NewsEvents/Pages/DisplayNews.aspx?NewsID=24628&LangID=E> UN human rights experts* have condemned a proposed draft decree by Italy's interior minister, Matteo Salvini, to fine those who rescue migrants and refugees at sea, and urged the Government to halt its approval.

The ports are open! Sea-Watch 3 disembarks 65 survivors in Lampedusa. *Sea-Watch*. 20 May 2019. Available from: <https://sea-watch.org/en/the-ports-are-open/> Last night at 8:30 PM local time, the remaining 47 of 65 rescued people onboard the *Sea-Watch 3* were disembarked safely, and in close cooperation with the Italian Coast Guard, on the island of Lampedusa.

Migrants rescued in Mediterranean, taken to Italy and Malta as UNHCR acts. *Deutsche Welle (Germany)*. 30 May 2019. Available from: <https://www.dw.com/en/migrants-rescued-in-mediterranean-taken-to-italy-and-malta-as-unhcr-acts/a-48980857> Stranded migrants have been rescued by the Italian navy and taken to Lampedusa and Malta.


UNHCR evacuates hundreds of vulnerable refugees out of Libya to safety. *United Nations High Commissioner for Refugees*. 30 May 2019. Available from: <https://www.unhcr.org/uk/news/press/2019/5/5ceff1144> Amid violent clashes and a deteriorating security situation in Tripoli, 149 vulnerable refugees and asylum-seekers were today evacuated to safety in Rome.

SHIP RECYCLING

A sustainable global ship-recycling industry requires the efforts of both the EU and the European shipping sector. *European Community Shipowners' Associations (ECSA)*. 6 May 2019. Available from: <https://www.ecsa.eu/press-releases/sustainable-global-ship-recycling-industry-requires-efforts-both-eu-and-european> ECSA releases report of fact-finding mission to India's ship-recycling facilities.
[ECSA visit to Indian ship recycling facilities Alang-Sosiya, 25 - 27 February 2019, ECSA Report](#) 

Ships' recycling activity slow, in a time when it should be speeding up. By Nikos Roussanoglou. *Hellenic Shipping News*. 9 May 2019. Available from: <https://www.hellenicshippingnews.com/ships-recycling-activity-slow-in-a-time-when-it-should-be-speeding-up/> The demolition market should be speeding up instead of slowing down, as has been the case over the past couple of weeks, with demand slowing down and supply rising in most shipping markets.

A decade on - IMO Hong Kong Convention on ship recycling is a long way from ratification. By Marcus Hand. *Seatrade Maritime News*. 13 May 2019. Available from: <https://bit.ly/2KuGTNy> As the industry focuses its attention on the IMO Marine Environment Protection Committee (MEPC) meeting and regulations for emissions, another global regulation designed to both protect the environment and the safety of workers – the Hong Kong Convention on ship recycling – is yet to come into force a decade after its adoption.

Press Release - Major explosion at Bangladesh shipbreaking yard kills two workers and severely injures five. *NGO Shipbreaking Platform*. 15 May 2019. Available from: <https://www.shipbreakingplatform.org/explosion-malaysian-tanker-chittagong/>  A loud blast in the early morning shook the Chittagong shipbreaking area.

Ship recycling activity grinds to a near halt. *Hellenic Shipping News*. 16 May 2019.

Available from: <https://www.hellenicshippingnews.com/ship-recycling-activity-grinds-to-a-near-halt/>
Perhaps rather ominously, the ship recycling activity has gradually slowed down to a near halt over the course of the past few days.

Ship recycling market on "Pause Mode". By Nikos Roussanoglou. *Hellenic Shipping News*. 23 May 2019. Available from: <https://www.hellenicshippingnews.com/ship-recycling-market-on-pause-mode/> The demolition market has been at a near standstill over the past few days, with deals few and far apart, in what signals a slow period.

Asian owners urge China and India to ratify Hong Kong Convention on ship recycling. By Sam Chambers. *Splash 247.com*. 29 May 2019. Available from: <https://splash247.com/asian-owners-urge-china-and-india-to-ratify-hong-kong-convention-on-ship-recycling/> The Asian Shipowners' Association (ASA) has called on China and India to hurry up and ratify the Hong Kong Convention on recycling.

SHIPBUILDING & SHIPREPAIR

Engine design upgrades lead to bigger gas ships. By Gavin Lipsith. *Marine Propulsion & Auxiliary Machinery*. 1 May 2019. Available from: https://www.mpropulsion.com/news/view/engine-design-upgrades-lead-to-bigger-gas-ships_57685.htm The cost barrier to using gas as a marine fuel has been cut dramatically as a consequence of enginebuilders enhancing their dual-fuel designs.

Shipping Firm Eyes 60% CO2 Savings with LNG-Powered Newbuilds. *Ship & Bunker*. 2 May 2019. Available from: <https://shipandbunker.com/news/emea/135957-shipping-firm-eyes-60-co2-savings-with-lng-powered-newbuilds> New launched shipping firm WALLENIOUS SOL says its LNG-powered newbuilds will reduce CO2 emissions by 60% or more.

ABB powers tourists to the Niagara Falls with first US built all-electric vessels. *ABB*. 3 May 2019. Available from: <https://new.abb.com/news/detail/23054/abb-powers-tourists-to-the-niagara-falls-with-first-us-built-all-electric-vessels> Niagara Falls tour operator Maid of the Mist orders two new passenger vessels sailing on pure electric power, enabled by ABB's technology.

ABS supports ballast water compliance ahead of IMO retrofit window. *ABS (American Bureau of Shipping)*. 8 May 2019. Available from: <https://ww2.eagle.org/en/news/press-room/bwm-compliance-ahead-of-imo-retrofit.html> Ballast Water Advisory updated to assist 6,000 vessels anticipated to be retrofitting BWM systems each year until 2024.

Booming Arctic shipping, but this brand new icebreaking tanker chooses a southern route. By Atle Staalesen. *Independent Barents Observer (Norway)*. 13 May 2019. Available from: <https://thebarentsobserver.com/en/industry-and-energy/2019/05/booming-arctic-shipping-brand-new-icebreaking-tanker-chooses-southern> The maiden voyage of top ice-class LNG tanker «Nikolay Yevgenov» goes through the Suez Canal and not the Northern Sea Route.

EU funds new million-euro trial with hydrogen ships. By Niklas Krigslund. *ShippingWatch*. 13 May 2019. Available from: <https://shippingwatch.com/secure/article11377472.ece> A new European experiment with hydrogen as ship fuel receives EUR 5 million in EU funding.

IMO looks set to approve stricter rules for ship design. By Christian Carlsen. *ShippingWatch*. 15 May 2019. Available from: <https://shippingwatch.com/secure/carriers/article11381755.ece> After a postponement last year, in which the EU member states were accused of scoring an "own goal", many signs now indicate that the IMO delegates will reach agreement on tighter requirements for ships' design.

Hapag-Lloyd's complex conversion to LNG. By James Baker. *Lloyd's List*. 20 May 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1127563> HAPAG-Lloyd is looking beyond the introduction of low-sulphur fuel rules next January.

Hyundai Merchant sinking deeper into trouble. By Nam Hyun-woo. *Korea Times*. 21 May 2019. Available from: http://www.koreatimes.co.kr/www/tech/2019/05/693_269092.html Hyundai Merchant Marine (HMM) is sinking deeper into trouble, as despite efforts to normalize operations, the shipper has continued to lose money over the past four years amid the global slowdown and intensifying competition, according to industry analysts, Sunday.

Ships ought to be designed with dismantling in mind. By Panagiotis Galanis. *Splash 247.com*. 21 May 2019. Available from: <https://splash247.com/ships-ought-to-be-designed-with-dismantling-in-mind/> Panagiotis Galanis, aged 14, is a grade nine student at the Hellenic-American Educational Foundation. He writes exclusively for Splash on what he took away from a recent visit to a ship recycling facility in Turkey.

French cruise ship set to travel to North Pole in 2021. By Malte Humpert. *High North News (Norway)*. 22 May 2019. Available from: <https://www.highnorthnews.com/en/french-cruise-ship-set-travel-north-pole-2021> The *Le Commandant Charcot*, the world's first icebreaking cruise ship, is scheduled to travel to the North Pole in 2021.

Nuclear-powered icebreaker *Ural* launched in St Petersburg. *TASS Russian News Agency*. 25 May 2019. Available from: <http://tass.com/defense/1060090> After being put into service, the icebreakers of that class will keep navigation in the Arctic open all year round.

Canadian Coast Guard welcomes first Coast Guard icebreaker in 25 years, CCGS *Captain Molly Kool*. *Government of Canada*. 30 May 2019. Available from: <https://bit.ly/2wDJjBd> Today, the Minister of Fisheries, Oceans and the Canadian Coast Guard, the Honourable Jonathan Wilkinson, officially welcomed CCGS *Captain Molly Kool* to the Coast Guard fleet at the Canadian Coast Guard Atlantic Region Headquarters in St. John's, Newfoundland and Labrador.

SHIPPING

Speed reduction regulation will slow low-carbon transition. *UK Chamber of Shipping*. 26 April 2019. Available from: <https://www.ukchamberofshipping.com/latest/speed-reduction-regulation-will-slow-low-carbon-transition/> The shipping industry committed last year to cut greenhouse gas emissions by half by 2050, with an interim 2030 target of 40% carbon intensity below the 2008 baseline.

Incoming IACS chairman Arun Sharma hopes to lengthen tenure for his successors. By Jonathan Boonzaier. *TradeWinds*. 29 April 2019. Available from: <https://www.tradewindsnews.com/casualties/1762976/incoming-iacs-chairman-arun-sharma-hopes-to-lengthen-tenure-for-his-successors> Indian Register of Shipping chair says one year in the role is too little time for great accomplishments.

Increasing ferry capacity on the Irish Sea. By Justin Merrigan. *Cruise & Ferry*. 29 April 2019. Available from: <http://www.cruiseandferry.net/articles/increasing-ferry-capacity-on-the-irish-sea> Andrew Sheen talks with Justin Merrigan about Irish Ferries' investment in new ships, as well as its improved services and routes to Britain and France.

Representing the industry in times of change. By Marcus Hand. *Seatrade Maritime News*. 30 April 2019. Available from: <http://www.seatrade-maritime.com/news/asia/representing-the-industry-in-times-of-change.html> Esben Poullsson has arguably become one of the best known faces in shipping.

Republican Senators call for timely implementation of IMO2020. *Ship & Bunker*. 30 April 2019. Available from: <https://shipandbunker.com/news/am/362394-republican-senators-call-for-timely-implementation-of-imo2020> A group of 14 Republican senators in the US have called for the timely implementation of the upcoming IMO2020 rule.

Forum boosts support for women in maritime. *The National (Papua New Guinea)*. 30 April 2019. Available from: <https://www.thenational.com.pg/forum-boosts-support-for-women-in-maritime/> The Asia-Pacific Heads of Maritime Safety Agencies (APHo-MSA) Forum held in South Korea brought together senior maritime officials to build and maintain a strong understanding of shared maritime issues, identify and coordinate technical cooperation efforts and represent the region's interest in enhancing international standards.

More than 100 maritime CEOs want to fight climate change by slowing down ships. **By Akshat Rathi.** *Quartz*. 30 April 2019. Available from: <https://qz.com/1608527/the-shipping-industrys-emissions-could-be-cut-by-slow-steaming/> The Paris climate agreement, signed in 2015, has a big hole.

MARINA, DOE to promote green shipping industry. *Government of the Philippines*. 30 April 2019. Available from: <http://marina.gov.ph/2019/04/30/marina-doe-to-promote-green-shipping-industry/> The Maritime Industry Authority (MARINA) and the Department of Energy (DOE) promote a more sustainable and eco-friendly fuels for Philippine-registered ships in preparation for the implementation of the global 0.50% sulphur cap in 2020.

Owners step up IMO slow-steaming drive. **By Gary Dixon.** *TradeWinds*. 30 April 2019. Available from: <https://www.tradewindsnews.com/tankers/1768142/owners-step-up-imo-slow-steaming-drive> More than 100 shipping executives have urged the IMO to adopt mandatory slow-steaming regulations.

Demand uncertainty halts Japan's LNG charge. **By Hwee Hwee Tan.** *Lloyd's List*. 1 May 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1127061/Demand-uncertainty-halts-Japans-LNG-charge> Asian LNG bunker supply capacity has ramped up tremendously in the light of IMO 2020.

Slowing down won't speed up innovation. **By Gavin Lipsith.** *Marine Propulsion & Auxiliary Machinery*. 1 May 2019. Available from: https://www.mpropulsion.com/news/view,slowing-down-wont-speed-up-innovation_57683.htm As IMO's Marine Environment Protection Committee (MEPC) prepares to meet on 13-17 May, delegations must decide which short-term measures for greenhouse gas emissions reduction they will support.

Major shipping nations oppose speed limit for vessels. **By Christian Carlsen.** *ShippingWatch*. 1 May 2019. Available from: <https://shippingwatch.com/secure/carriers/article11352433.ece> Many signs indicate that the upcoming IMO meeting will be a duel between two solutions for how to achieve the short-term CO2 targets for shipping.


Malpractice in the Bunker Business. **By Paul Hardy.** *Ship & Bunker*. 1 May 2019. Available from: <https://shipandbunker.com/news/world/821125-malpractice-in-the-bunker-business> There have been a number of reports in recent weeks of potential malpractice within the bunker industry.

Shippers condemn carriers' approach to IMO 2020. **By Mike King.** *Lloyd's Loading List*. 1 May 2019. Available from: <https://www.lloydsloadinglist.com/freight-directory/news/Shippers-condemn-carriers-approach-to-IMO-2020/74226.htm> ESC claims lines are imposing low sulphur fuel costs on shippers rather than jointly working to make container shipping supply chains more sustainable.

Heavyweight owners swing behind slow-steaming. By Gary Dixon. *TradeWinds*. 1 May 2019. Available from: <https://www.tradewindsnews.com/tankers/1769450/heavyweight-owners-swing-behind-slow-steaming> Heavyweight shipowners including big Greek and German companies have swung behind a French plan to introduce mandatory slow-steaming.

Champion of 'she'-farers and women in maritime. By Yashika F. Torib. *Manila Times*. 1 May 2019. Available from: <https://www.manilatimes.net/champion-of-she-farers-and-women-in-maritime/547652/> In an industry full of steel, grit, and hard labor, seeing a woman stretch her limits, unveil her capabilities, and take charge of is nothing short of amazing.

A stronger future for short sea shipping. *Port Strategy*. 1 May 2019. Available from: <https://www.portstrategy.com/news101/port-operations/planning-and-design/a-stronger-future-for-short-sea-shipping> As shipping gets smarter and more sustainable, the Coastlink conference addresses how short sea and container feeder shipping can best secure a stronger future.

Shipping can reduce climate pollution and draw investment into developing countries. By Marie Hubatova. *Environmental Defense Fund (EDF)*. 2 May 2019. Available from: <https://europe.edf.org/news/2019/02/05/shipping-can-reduce-climate-pollution-and-draw-investment-developing-countries> International shipping can meet its target of at least halving its emissions by 2050, and can unleash trillions of dollars of investment opportunities in sustainable industrial infrastructure - particularly in developing countries - by using clean fuel such as "green" ammonia, as long as the fuel is produced using untapped renewable potential without increasing fossil fuel use, according to a new paper from Environmental Defense Fund Europe.
[Sailing on Solar - Could green ammonia decarbonise international shipping?](#) 

Sustainable ammonia production touted to power shipping. By Anastassios Adamopoulos. *Lloyd's List*. 2 May 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1127318/Sustainable-ammonia-production-touted-to-power-shipping> Ammonia as a fuel produced solely from renewable energy is a feasible decarbonisation option for the international shipping industry and Morocco could be the country to lead the charge, according to a new report.

Go slow movement driving shipping away from decarbonisation breakthroughs. By Sam Chambers. *Splash 247.com*. 3 May 2019. Available from: <https://splash247.com/go-slow-movement-driving-shipping-away-from-decarbonisation-breakthroughs/> One proposal put forward to International Maritime Organization (IMO) ahead of this month's important gathering of the Marine Environment Protection Committee (MEPC) promotes the idea of an incentives-driven, goal-based approach to speed up the industry's decarbonisation process.

Waste away: exploring sustainability initiatives on-board cruise ships. By Julian Turner. *Ship-Technology.com*. 3 May 2019. Available from: <https://www.ship-technology.com/features/sustainable-cruise-ships/> From an icebreaker powered by liquefied natural gas, to community-friendly itineraries and initiatives designed to eliminate millions of plastic water bottles every year, international cruise operators are catching up with consumer demands for more environmentally aware travel.

Meeting global challenges on the way to 2050. By Gavin Lipsith. *Marine Propulsion & Auxiliary Machinery*. 3 May 2019. Available from: https://www.mpropulsion.com/news/view/meeting-global-challenges-on-the-way-to-2050_57736.htm As the industry looks to an important milestone there are challenges beyond emissions to deal with, says V Group chief commercial officer Martin Gaard Christiansen.

UN ocean chief warns shipping should aim for GHG emissions eradication by 2050.

By Anastassios Adamopoulos. *Lloyd's List*. 3 May 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1127332/UN-ocean-chief-warns-shipping-should-aim-for-GHG-emissions-eradication-by-2050> The international shipping industry should aim to decarbonise completely by 2050 and accept there will be costs that need to be shouldered across the supply chain, according to one of the United Nations' foremost leaders against climate change.

The Lloyd's List Podcast: Time for shipping to engage in ocean sustainability. *Lloyd's List*.

3 May 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1127333/The-Lloyds-List-Podcast-Time-for-shipping-to-engage-in-ocean-sustainability> Governments and lobbyists alike are gearing up for another fortnight of decarbonisation negotiations at the IMO starting next week.

European Commission study backs three short-term measures to speed up shipping's decarbonisation. By Sam Chambers. *Splash 247.com*. 6 May 2019. Available from:

<https://splash247.com/european-commission-study-backs-three-short-term-measures-to-speed-up-shippings-decarbonisation/> Ahead of this month's Marine Environment Protection Committee (MEPC) meeting at the International Maritime Organization (IMO) in London, a study commissioned by the European Commission has suggested there are just three ways the current fleet can meet 2030 CO2 emissions targets.

Speed limit may boost global fleet by 235 percent. By Tomas Kristiansen. *ShippingWatch*.

6 May 2019. Available from: <https://shippingwatch.com/secure/carriers/article11361696.ece> While the IMO is really starting to discuss CO2 reductions, the European Commission has just highlighted speed limits as a very effective means to achieve that in a report.

Clean Arctic Alliance manifesto for the Icelandic Chairmanship of Arctic Council. *Clean Arctic Alliance*.

6 May 2019. Available from: <https://www.hfofreearctic.org/en/2019/05/06/clean-arctic-alliance-manifesto-for-the-icelandic-chairmanship-of-arctic-council/> During its two-year Chairmanship of the Arctic Council, Iceland will focus on sustainable development in the Arctic, with a special emphasis on the Arctic marine environment, climate and green energy solutions, people in the Arctic, and strengthening the Arctic Council.

TradeWinds poll: clear backing for slow-steaming. By Gary Dixon. *TradeWinds*. 7 May 2019.

Available from: <https://www.tradewindsnews.com/tankers/1772799/tradewinds-poll-clear-backing-for-slow-steaming> TradeWinds readers have shown clear backing for the introduction of mandatory slow-steaming at the IMO.

Shipowner calls for higher penalty for flouting IMO 2020. By Dale Wainwright. *TradeWinds*.

7 May 2019. Available from: <https://www.tradewindsnews.com/legal/1774109/shipowner-calls-for-higher-penalty-for-flouting-imo-2020> Panellists at TradeWinds forum say large part of industry still unprepared for switchover.

UK Ship Register widens its horizons as Brexit takes a toll. By Felicity Landon. *Seatrade Maritime News*.

7 May 2019. Available from: <http://www.seatrade-maritime.com/news/europe/uk-ship-register-widens-its-horizons-as-brexit-takes-its-toll.html> Where the flag was previously limited to owners within the European Economic Area (EEA), eligibility for the flag has now been expanded to include Commonwealth countries and another 20 countries on top of that.

Italy supports Mediterranean environmental zone. By Christian Carlsen. *ShippingWatch*.

7 May 2019. Available from: <https://shippingwatch.com/secure/carriers/article11364846.ece> An environmental zone in the Mediterranean now has the support of Italy, which signed a joint declaration with France during the G7 summit.

Three weeks, hundreds of people, and zero emissions. By Linn Vardheim. *Maritime UK*.

7 May 2019. Available from: <https://www.maritimeuk.org/media-centre/blog-posts/three-weeks-hundreds-people-and-zero-emissions/> After three hectic initial weeks as a member of the Maritime UK team, things do not seem to be slowing down any time soon.

Taking a long-term look at corporate responsibility. By Mark Cameron. *Tanker Shipping & Trade*.

8 May 2019. Available from: https://www.tankershipping.com/news/view,taking-a-longterm-look-at-corporate-responsibility_57754.htm Ardmore Shipping executive vice president and chief operating officer Mark Cameron explains why boardrooms across the industry must present a unified front in terms of environmental responsibility.

Shipping industry highlights 'urgent need' for speed limits. *Transport & Environment*.

8 May 2019. Available from: <https://www.transportenvironment.org/news/shipping-industry-highlights-%E2%80%98urgent-need%E2%80%99-speed-limits> Efforts to reduce the environmental impact of shipping should begin with mandatory speed restrictions for all commercial ships.

Dioceses in major maritime areas pledge fossil fuel divestment. By Brian Roewe.

National Catholic Reporter. 8 May 2019. Available from:

<https://www.ncronline.org/news/environment/dioceses-major-maritime-areas-pledge-fossil-fuel-divestment> Several dioceses located near important maritime trade centers and ports are among the dozen latest Catholic institutions to commit to divest financial holdings from fossil fuels.

Industry conservatives to blame for lack of action on shipping GHGs: Louis Dreyfus

Armateurs. *Ship & Bunker*. 8 May 2019. Available from:

<https://shipandbunker.com/news/world/640502-industry-conservatives-to-blame-for-lack-of-action-on-shipping-ghgs-louis-dreyfus-armateurs> Phillippe Louis-Dreyfus, president of French shipowner Louis Dreyfus Armateurs, says various "conservative people around the table" are to blame for the lack of action on tackling GHG emissions.

Maersk says speed limits will stifle decarbonisation progress. By Anastassios Adamopoulos.

Lloyd's List. 8 May 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1127380/Maersk-says-speed-limits-will-stifle-decarbonisation-progress> Imposing speed limits will keep older and inefficient tonnage at sea and distract from necessary investment in future fuels, research and development and technology, according to Maersk.

First gas-powered cruise ship is not sustainable tourism. *Transport & Environment*. 8 May 2019.

Available from: <https://www.transportenvironment.org/news/first-gas-powered-cruise-ship-not-sustainable-tourism> T&E has joined forces with environmental NGOs in Spain to warn that a high-profile exercise in cleaning up shipping risks locking in fossil fuels for decades to come.

Maritime workers rally globally to 'save Australian shipping'. *International Transport Workers' Federation (ITF)*.

9 May 2019. Available from: <https://www.itfglobal.org/en/news/maritime-workers-rally-globally-save-australian-shipping> Maritime workers around the globe have rallied in an international show of solidarity for Australian seafarers.

Amazon and other shippers oppose slow-steaming. By Gary Dixon. *TradeWinds*. 9 May 2019.

Available from: <https://www.tradewindsnews.com/tankers/1777756/amazon-and-other-shippers-oppose-slow-steaming> The Coalition for Responsible Transportation (CRT) is opposing new proposals to enforce slow-steaming for ships through the IMO.

New study highlights savings from speed limit. By Niklas Krigslund. *ShippingWatch*.

9 May 2019. Available from: <https://shippingwatch.com/secure/carriers/article11369583.etc> A new study from a German think tank points to savings as well as environmental benefits from a speed limit for ships.

How renewables can solve shipping's need for climate friendly fuel. By Jan Thisted, Peter Esmann, and Jens Schiersing Thomsen. *Global Maritime Forum*. 10 May 2019. Available from: <https://www.globalmaritimeforum.org/news/how-renewables-can-solve-shippings-need-for-climate-friendly-fuel> A joint effort between companies within the maritime and wind turbine industry can create the solution that can supply the world fleet with a climate friendly marine fuel – a marine fuel which does not release any carbon dioxides, sulfur oxides or soot particles.

UK maritime minister warns lack of diversity is holding shipping back. By Sam Chambers. *Splash 247.com*. 10 May 2019. Available from: <https://splash247.com/uk-maritime-minister-warns-lack-of-diversity-is-holding-shipping-back/> Shipping's lack of diversity among its workforce is holding it back, the UK's minister for maritime Nusrat Ghani warned yesterday.

Wilhelmsen Ship Management tightens vendors selection process to reduce plastic usage onboard. *Wilhelmsen*. 10 May 2019. Available from: <https://bit.ly/2YmXg2f> Vendors will need to demonstrate a viable plan to reduce plastic usage.

Why the transport sector needs to adapt to climate change. *United Nations Conference on Trade and Development (UNCTAD)*. 10 May 2019. Available from: <https://unctad.org/en/pages/newsdetails.aspx?OriginalVersionID=2083> Transport has been traditionally looked upon as a challenge in terms of reducing greenhouse gas emissions, and a lot of effort has been rightly directed at that issue.

Marine insurers grapple with using data. By Barry Parker. *Seatrade Maritime News*. 13 May 2019. Available from: <http://www.seatrade-maritime.com/news/americas/marine-insurers-grapple-with-using-data-in-the-maritime-business.html> The marine insurance business is highly traditional and suffering, occasionally, from pains that come with age, as it grapples with the use of data in the maritime sphere.

INSIGHT: How will ship speed limits impact global bunker demand. *Ship & Bunker*. 14 May 2019. Available from: <https://shipandbunker.com/news/world/958001-insight-how-will-ship-speed-limits-impact-global-bunker-demand> Over the last week there has been a big push to slow ships down to reduce their bunker consumption and associated emissions.

Drewy: How slow can you go? *Manifold Times (Singapore)*. 14 May 2019. Available from: <https://www.manifoldtimes.com/news/d/drewy-how-slow-can-you-go> Is there much to be gained from applying speed limits on containerhips to reduce emissions?

Five ocean carriers join Digital Container Shipping Association. *Maritime Executive*. 14 May 2019. Available from: <https://www.maritime-executive.com/article/five-ocean-carriers-join-digital-container-shipping-association> Five ocean carriers have joined the Digital Container Shipping Association (DCSA) as members: CMA CGM, Evergreen Line, Hyundai Merchant Marine, Yang Ming Marine Transport Corporation and ZIM Integrated Shipping Services.

Can sniffing and scoping restore faith in shipping? By Gavin Lipsith. *Marine Propulsion & Auxiliary Machinery*. 14 May 2019. Available from: https://www.mpropulsion.com/news/view,can-sniffing-and-scoping-restore-faith-in-shipping_57852.htm At the Sulphur Cap 2020 Conference last week, Michael Herson of The Strategy Works described the use of satellite tracking to enforce emissions legislation on the high seas as "the end of shipping's Wild West".

Shipping industry expresses concern over recent trade developments. *International Chamber of Shipping (ICS)*. 14 May 2019. Available from: <http://www.ics-shipping.org/news/press-releases/2019/05/14/shipping-industry-expresses-concern-over-recent-trade-developments>

A delegation from the International Chamber of Shipping (ICS), the Asian Shipowners' Association (ASA) and the European Community Shipowners' Associations (ECSA) has, at the World Trade Organization (WTO) in Geneva, expressed concern over recent increases in protectionist measures.

Sadan Kaptanoglu elected BIMCO President. *BIMCO*. 14 May 2019. Available from: <https://www.bimco.org/news/priority-news/20190514-sadan-kaptanoglu-elected-bimco-president>

Sadan Kaptanoglu, managing director of HI Kaptanoglu Shipping, was elected President of BIMCO – the world's largest shipping association – at its General Meeting in Athens on Tuesday 14 May.

Environmental groups call for global moratorium on 'emissions cheat' systems on ships.

By Levon Sevunts. *Radio Canada International (RCI)*. 14 May 2019. Available from: <https://bit.ly/30mKUcu> A coalition of environmental NGOs is calling for an immediate moratorium on exhaust gas cleaning systems, also known as scrubbers, used by the shipping industry to meet tighter emissions control and looming fuel sulphur standards without having to actually switch to more expensive cleaner fuels.

UAE's BPGIC plans new Fujairah refinery to produce IMO 2020 compliant bunker fuel.

By Lee Hong Liang. *Seatrade Maritime News*. 15 May 2019. Available from: <https://bit.ly/2WSzVoE>

UAE-based Brooge Petroleum and Gas Investment Co (BPGIC) has unveiled a plan to build a 250,000-barrels per day (bpd) capacity refinery to produce IMO 2020-compliant bunker fuel in Fujairah.

Why decarbonizing marine transportation might not be smooth sailing. **By Tony Robert**

Walker. *The Conversation*. 16 May 2019. Available from: <https://theconversation.com/why-decarbonizing-marine-transportation-might-not-be-smooth-sailing-116949> About 60,000 merchant ships sail the world's oceans, including container ships, oil tankers and dry bulk carriers loaded with everything from grain to coal.

Viewpoint: The new religion. **By Michael Grey.** *Lloyd's List*. 16 May 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1127410/Viewpoint-The-new-religion> Although the maritime industry should think about how to bring about more efficient power generation in ships, it should not be in thrall to the large numbers of juvenile activists who have been given so much media coverage over recent weeks.

Lloyd's warns of 'significant claims' from Fujairah attacks. **By Sam Chambers.**

Splash 247.com. 17 May 2019. Available from: <https://splash247.com/lloyds-warns-of-significant-claims-from-fujairah-attacks/> Citing the scant information available at present, the Joint War Committee (JWC), which comprises underwriting representatives from both the Lloyd's and International Underwriting Association company markets, has pushed back making a decision on adding a war risk premium in and around the waters of Fujairah until Monday.

RightShip and South Pole deliver first reported entirely carbon offset iron ore shipment for Anglo American. *RightShip*. 17 May 2019. Available from: <https://bit.ly/2Wim2PQ>

Global mining company Anglo American has offset the carbon emissions for an ocean freight voyage from South Africa to Europe, using RightShip's verified carbon accounting tool and offset credits purchased from South Pole.

Hartmann says German shipping is still in 'crisis mode'. By Sam Chambers. *Splash 247.com*. 17 May 2019. Available from: <https://splash247.com/hartmann-warns-german-shipping-is-still-in-crisis-mode/> Ahead of next week's 11th National Maritime Conference, where the German government and the local shipping community meet annually to discuss how to progress the maritime sector, the head of the shipowners' association has been doing the media rounds to make public his wish list from the state.

Day for women in maritime celebrated. *Post-Courier (Papua New Guinea)*. 19 May 2019. Available from: <https://postcourier.com.pg/day-women-maritime-celebrated/> The need to advance women's role in the maritime sector has become a subject of much awareness and interest.

Singapore reminds on scrubber residue disposal procedure. By Malcolm Latache. *ShipInsight*. 20 May 2019. Available from: <https://shipinsight.com/articles/singapore-reminds-on-scrubber-residue-disposal-procedure> A new circular from the Maritime and Port Authority of Singapore (MPA) reminds ships and owners that that exhaust gas cleaning residues generated by ships are classified as Toxic Industrial Waste (TIW) under Singapore's Environmental Public Health (Toxic Industrial Waste) Regulations.

The Shipping Industry's Footprint: Why IMO 2020 matters. *Pacific Green Technologies Group*. 20 May 2019. Available from: <http://www.pacificgreentechnologies.com/articles/the-shipping-industrys-footprint-why-imo-2020-matters/> There's nothing small about the shipping industry.

CARIBMEPA launched at Caribbean Shipping Association Executive Conference in Jamaica. *All About Shipping*. 20 May 2019. Available from: <http://www.allaboutshipping.co.uk/2019/05/20/caribmepa-launched-at-caribbean-shipping-association-executive-conference-in-jamaica/> CARIBMEPA (Caribbean Marine Environment Protection Association) was launched today at the annual Caribbean Shipping Association's Caribbean Shipping Executives Conference being held in Kingston, Jamaica.

Global merchant fleet surpasses 2bn dwt for the first time. By Sam Chambers. *Splash 247.com*. 20 May 2019. Available from: <https://splash247.com/global-merchant-fleet-surpasses-2bn-dwt-for-the-first-time/> The global merchant fleet has surpassed the 2bn dwt mark for the first time, doubling in size in just 13 years, and could be on track to hit 3bn dwt by 2033, according to data from Clarkson Research.

Analysis: LPG carrier freight market braces for disruption as IMO 2020 nears. **By Ramthan Hussain.** *S&P Global Platts*. 21 May 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/052119-analysis-lpg-carrier-freight-market-braces-for-disruption-as-imo-2020-nears> Owners and charterers of Very Large Gas Carriers are bracing for disruption to freight rates as vessels are increasingly fixed with scrubbers ahead of the International Maritime Organization's move to cut bunker fuel sulfur limits to 0.5% from 3.5% from next year.

NMSA steps up to promote women in maritime. *Post-Courier (Papua New Guinea)*. 22 May 2019. Available from: <https://postcourier.com.pg/nmsa-steps-promote-women-maritime/> NMSA acting CEO Captain Krzysztof Orłowski said his organisation fully supports the women in maritime programs developed by the international maritime organisation for the integration of women in the maritime sector.

ITF Transport Outlook 2019. *International Transport Forum*. 22 May 2019. Available from: https://read.oecd-ilibrary.org/transport/itf-transport-outlook-2019_transp_outlook-en-2019-en The ITF Transport Outlook 2019 presents scenarios for the future of transport for all sectors and modes until 2050.

Maritime companies most often have no clear hiring policies. By Tomas Kristiansen.

ShippingWatch. 23 May 2019. Available from:

<https://shippingwatch.com/secure/carriers/article11394429.ece> It is not an easy time to be a job seeker in the maritime sector, Founder and CEO of Faststream Recruitment Group Mark Charman tells ShippingWatch urging the companies to let go of the "post-and-pray" approach.

Shipowners see increase in IMO-compliant fuels, but doubts persist. By Ahmad Ghaddar.

Reuters. 23 May 2019. Available from: <https://uk.reuters.com/article/us-imo-shipping-fuels/shipowners-see-increase-in-imo-compliant-fuels-but-doubts-persist-idUKKCN1ST1W2>

Shipowners, who are facing one of the biggest changes in the oil industry in decades, are seeing more fuels that will be compliant with new rules on sulfur emissions from ships, but some say the way forward is far from clear.

Maersk fears further effects of trade war. By Niklas Krigslund. *ShippingWatch*. 24 May 2019.

Available from: <https://shippingwatch.com/secure/carriers/Container/article11402453.ece> Maersk CEO Søren Skou expects the new tariffs in the US-China trade war to dampen growth in container volumes by one percentage point.

Why banks should have shipping emissions firmly on their radar. By Christian Wilson.

Ethical Corporation. 28 May 2019. Available from: www.ethicalcorp.com/why-banks-should-have-shipping-emissions-firmly-their-radar ShareAction's Christian Wilson argues that investors should widen their engagement beyond the fossil fuel industry and push banks to align their shipping portfolios with the Paris climate goals.

IMO2020: Ships could be stuck with HSFO onboard for a long time. By Unni Einemo.

Ship & Bunker. 28 May 2019. Available from: <https://shipandbunker.com/news/world/136940-imo2020-ships-could-be-stuck-with-hsfo-onboard-for-a-long-time> A lack of debunkering options at ports could leave vessels stuck with HSFO onboard for a long time in 2020, the International Bunker Industry Association (IBIA) has warned.

AWIMA holds first UAE gathering to strengthen women's role in maritime sector. *Emirates News Agency (UAE)*. 29 May 2019.

Available from: <http://wam.ae/en/details/1395302765402> The Arab Women in Maritime Association, AWIMA, recently held its first gathering in the UAE, in the presence of female representatives from both the government and private sectors, to raise awareness about the importance of empowering women and enhancing their presence in the maritime sector.

Whale sightings and ship strike danger surge off New York. By Kirk Moore. *WorkBoat*.

30 May 2019. Available from: <https://www.workboat.com/news/coastal-inland-waterways/whale-sightings-and-ship-strike-danger-surge-off-new-york/> Humpback whales are seen much more often around the approaches to New York Harbor, and with them come the potential for more deadly encounters with vessels, according to a new study.

Blockchain to retire paper bill of lading. *World Maritime News*. 31 May 2019. Available from:

<https://worldmaritimeneeds.com/archives/277832/> It is possible to retire the paper bill of lading in today's digital world, a recent test of CargoX's blockchain-based Smart Bill of Lading shows.

Changing Course: Banking Financing of the Shipping Industry. *ShareAction*. May 2019.

Available from <https://bit.ly/2KhBcTD> Relative to other carbon-intensive industries, shipping has faced less scrutiny, falling outside the scope of the 2015 Paris Agreement.

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Greater vulnerability to warming of marine versus terrestrial ectotherms. By M. L. Pinsky, A. M. Eikeset et al. *Nature*. (2019). Available from: <https://doi.org/10.1038/s41586-019-1132-4> Understanding which species and ecosystems will be most severely affected by warming as climate change advances is important for guiding conservation and management.

Dispersion, Accumulation, and the Ultimate Fate of Microplastics in Deep-Marine Environments: A Review and Future Directions. By I. A. Kane, M. A. Clare. *Frontiers in Earth Science*. (2019). Available from: <https://www.frontiersin.org/article/10.3389/feart.2019.00080> An estimated 8.3 billion tonnes of non-biodegradable plastic has been produced over the last 65 years.

Climate benefits of proposed carbon dioxide mitigation strategies for international shipping and aviation. By C. C. Ivanovich, I. B. Ocko et al. *Atmos. Chem. Phys. Discuss.* (2019). Available from: <https://www.atmos-chem-phys-discuss.net/acp-2019-126/> While individual countries work to achieve and strengthen their nationally determined contributions to the Paris Agreement, the growing emissions from two economic sectors remain outside the bounds of national jurisdictions: international shipping and aviation.

Energy audits in shipping companies. By H. von Knorring. *Transportation Research Part A: Policy and Practice*. (2019). Available from: <http://www.sciencedirect.com/science/article/pii/S0965856418302830> An energy audit is a method for determining the most cost-effective measures that improve energy efficiency in an organisation.

Ice sheet contributions to future sea-level rise from structured expert judgment. By J. L. Bamber, M. Oppenheimer et al. *Proceedings of the National Academy of Sciences*. (2019). Available from <http://www.pnas.org/content/early/2019/05/14/1817205116.abstract> Future sea level rise (SLR) poses serious threats to the viability of coastal communities, but continues to be challenging to project using deterministic modelling approaches.

Risk frames and multiple ways of knowing: Coping with ambiguity in oil spill risk governance in the Norwegian Barents Sea. By T. Parviainen, A. Lehikoinen et al. *Environmental Science & Policy*. (2019). Available from: <http://www.sciencedirect.com/science/article/pii/S146290111930022X> The opening of new areas for offshore drilling in the Arctic is highly controversial.

Resistance to ocean acidification in coral reef taxa is not gained by acclimatization. By S. Comeau, C. E. Cornwall et al. *Nature Climate Change*. (2019). Available from: <https://doi.org/10.1038/s41558-019-0486-9> Ocean acidification (OA) is a major threat to coral reefs, which are built by calcareous species.

Potential encounters between humpback whales (*Megaptera novaeangliae*) and vessels in the New York Bight apex, USA. By D. M. Brown, P. L. Sieswerda et al. *Marine Policy*. (2019). Available from: <http://www.sciencedirect.com/science/article/pii/S0308597X18309758> Vessel collisions contribute significantly to humpback whale injury and mortality.

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About the cover

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