



SUSTAINABLE SHIPPING
FOR A
SUSTAINABLE PLANET

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE (MKC)

“Sharing Maritime Knowledge”

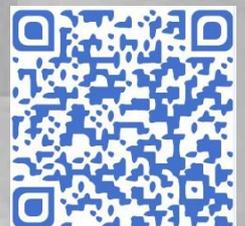
CURRENT AWARENESS BULLETIN

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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.

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IMO NEWS & EVENTS

WHAT'S NEW

IMO Secretary-General assesses progress on sulphur limit implementation

Since 1 January 2020, the global upper limit on the sulphur content of ships' fuel oil has been reduced to 0.5% from 3.5% (under the so-called "IMO 2020" regulation). This is significantly reducing the amount of sulphur oxide emanating from ships and will have major health and environmental benefits, particularly for people living close to ports and coasts.

Information from various sources has indicated a relatively smooth transition to the 0.50% sulphur limit. Prices for compliant fuels - very-low sulphur fuel oil (VLSFO) and marine gas oil (MGO) rose quickly initially but now appear to be stabilizing. As of 20 January, 10 cases of compliant fuel being unavailable had been reported in IMO's Global Integrated Shipping Information System (GISIS); and the dedicated email address established by the IMO Secretariat (imo2020@imo.org) has not received any specific correspondence reporting issues with implementation.

IMO Secretary-General Kitack Lim said "I believe it is testimony to the diligence and dedication of IMO, its Member States, the shipping industry, the fuel supply industry and other relevant industries that such a major rule change is being implemented successfully without significant disruption to maritime transport and those that depend on it." [More...](#)

IMO MEETINGS FOR 2020

[Sub-Committee on Navigation, Communications and Search and Rescue \(NCSR\),
7th session \(15-24/01/2020\)](#)

LATEST PRESS BRIEFINGS

[IMO 2020 - cleaner shipping for cleaner air](#)
Briefing: 35, December 20, 2019

[SOLAS amendments entering into force 1 January 2020](#)
Briefing: 35, December 20, 2019

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Sub-Committee on Navigation, Communications and Search and Rescue (NCSR 7),
15-24 January 2020 ([Opening](#) address)

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

IMO PUBLISHING

[Just Published 2020](#)

[January 2020 Newsletter](#)

UNITED NATIONS

Secretary-General calls for global participation in UN75 dialogues for better future for all.

UN News. 2 January 2020. Available from: <https://news.un.org/en/story/2020/01/1054611>

The United Nations on Wednesday launched the biggest global conversation on the world's future: the UN75 dialogues.

Iran-US attack in Iraq: Guterres pledges 'active engagement' in further de-escalation efforts.

UN News. 8 January 2020. Available from: <https://news.un.org/en/story/2020/01/1054961>

In the wake of an Iranian ballistic missile attack on air bases which house US forces in Iraq, the UN Secretary-General said on Wednesday that he would "continue his active engagement" to de-escalate tensions and avert full-scale war.

Secretary-General upholds value of UN Charter for a world in turmoil. *UN News*.

9 January 2020. Available from: <https://news.un.org/en/story/2020/01/1055061> Amid an era of rising geopolitical tensions and declining trust between nations, the United Nations Secretary-General has encouraged countries to "come home" to a defining document of the international community: the UN Charter.

Rising inequality affecting more than two-thirds of the globe, but it's not inevitable: new UN report. *UN News*. 21 January 2020. Available from: <https://news.un.org/en/story/2020/01/1055681>

The World Social Report 2020, published by the UN Department of Economic and Social Affairs (DESA), shows that income inequality has increased in most developed countries, and some middle-income countries - including China, which has the world's fastest growing economy.

UNDESA World Social Report 2020. *United Nations Department of Economic and Social Affairs (UNDESA)*. 21 January 2020. Available from:

<https://www.un.org/development/desa/dspd/world-social-report/2020-2.htm> The World Social Report 2020 examines the impact of four such megatrends on inequality: technological innovation, climate change, urbanization and international migration. [Executive Summary](#) [Full Report](#)

UN chief outlines solutions to defeat 'four horsemen' threatening our global future. *UN News*.

22 January 2020. Available from: <https://news.un.org/en/story/2020/01/1055791> The start of the New Year finds the world facing four looming threats to human progress: surging geopolitical tensions, the climate crisis, global mistrust and the downsides of technology, UN Secretary-General António Guterres said on Wednesday.

At Davos, UN chief urges 'big emitters' to take climate action. *UN News*. 23 January 2020.

Available from: <https://news.un.org/en/story/2020/01/1055871> The world is "doomed" in the face of climate change unless major industrial nations reduce their greenhouse gas emissions, UN Secretary-General António Guterres told business leaders at the World Economic Forum in Davos, Switzerland, on Thursday.

CASUALTIES

Innovative Fishing Boat Sinks off Finnmark. *Maritime Executive*. 1 January 2020. Available from: <https://www.maritime-executive.com/article/innovative-fishing-boat-sinks-off-finnmark> Norway's Accident Investigation Board has opened an investigation into the loss of the recently-built longliner *Fay*, which sank off Norway's northern Barents Sea coast on Saturday.

Fuel Lightering Begins for Grounded Freighter on Sardinia. *Maritime Executive*. 2 January 2020. Available from: <https://www.maritime-executive.com/article/fuel-lightering-begins-for-grounded-freighter-on-sardinia> Lightering operations have begun for the stranded freighter *CDRY Blue*, which ran aground on a rocky shore in Sant'Antioco, Sardinia on December 21.

Bad weather hampers fuel recovery from *CDRY Blue*. Joannathan Boonzaier. *TradeWinds*. 6 January 2020. Available from: <https://www.tradewindsnews.com/casualties/bad-weather-hampers-fuel-recovery-from-cdry-blue/2-1-732219> Efforts by Dutch salvage company Smit to remove the fuel from a general cargo ship aground off the south-western coast of Sardinia had to be temporarily suspended over the weekend due to bad weather.

Fire erupts on Cosco mega boxship. Jason Jiang. *Splash 247.com*. 7 January 2020. Available from: <https://splash247.com/fire-erupts-on-cosco-mega-boxship/> A fire erupted onboard Cosco's 10,000 teu containership *Cosco Pacific* over the weekend, causing the vessel to reroute.

Lithium batteries identified as cause of fire onboard Cosco boxship. Jason Jiang. *Splash 247.com*. 8 January 2020. Available from: <https://splash247.com/lithium-batteries-identified-as-cause-of-fire-onboard-cosco-boxship/> China Cosco Shipping has identified the self-ignition of misreported lithium batteries as the cause of fire onboard its mega boxship *Cosco Pacific*.

Fire hits Pemex offshore platform, three injured. Jason Jiang. *Splash 247.com*. 8 January 2020. Available from: <https://splash247.com/fire-hits-pemex-offshore-platform-three-injured/> Mexican state energy company Pemex has announced that a fire broke out on its *Akal-C 6* platform yesterday, causing injury to three workers.

***Sanchi* families detail cover-up claims.** Sam Chambers. *Splash 247.com*. 8 January 2020. Available from: <https://splash247.com/sanchi-families-detail-cover-up-claims/> The families of the *Sanchi* disaster have told Splash about the massive cover-up they believe has taken place in one of the worst shipping accidents of the past decade, and they are adamant many survived the inferno and have since been jailed.

Accident Investigation Report 1/2020: Fall on board fishing vessel *Artemis* with loss of 1 life. *UK Marine Accident Investigation Branch (MAIB)*. 9 January 2020. Available from: <https://www.gov.uk/maib-reports/fall-on-board-fishing-vessel-artermis-with-loss-of-1-life> At about 1630 on 29 April 2019, Andrew Hay, the skipper of the UK registered fishing vessel *Artemis* (Figure 1) suffered severe head injuries and died after he fell head-first through an access hatch between the vessel's wheelhouse and its mess deck 2.1m below. [Report](#)

3 found dead after missing in Bosphorus collision. Ibrahim Halil Akturk, Guc Gonel and Mucahit Turetken. *Anadolu Agency (Turkey)*. 10 January 2020. Available from: <https://www.aa.com.tr/en/turkey/3-found-dead-after-missing-in-bosphorus-collision/1698399> Three bodies were found dead after they went missing in a collision in Istanbul's Bosphorus Strait on Friday, according to authorities.

Fatal ferry accidents – Some improvers, some backsliders. Neil Baird. *Baird Maritime*.

14 January 2020. Available from: <https://www.bairdmaritime.com/work-boat-world/passenger-vessel-world/editorial-fatal-ferry-accidents-some-improvers-some-backsliders/> Since I compiled my major study of fatal ferry accidents covering the period 1966 to 2015, there have been some significant changes in the order of the most dangerous countries for ferry travel.

Odfjell tanker collides with fishing vessel, two missing. Jason Jiang. *Splash 247.com*.

15 January 2020. Available from: <https://splash247.com/odfjell-tanker-collides-with-fishing-vessel-two-missing/> The 37,400 dwt chemical tanker *Bow Fortune* collided with fishing vessel *Pappy's Pride* off Galveston, Texas on Tuesday.

Accident Investigation Report 2/2020: Loss of cargo containers overboard from container ship CMA CGM G. Washington. UK Marine Accident Investigation Branch (MAIB).

16 January 2020. Available from: <https://www.gov.uk/maib-reports/loss-of-cargo-containers-overboard-from-container-ship-cma-cgm-g-washington> At about 0127 on 20 January 2018, the then UK flagged container ship *CMA CGM G. Washington* unexpectedly rolled 20° to starboard, paused for several seconds, then rolled 20° to port. [Report](#)  [Annexes](#) 

Containership comes under fire by pirates off Nigeria. Mike Schuler. *gCaptain*. 22 January 2020.

Available from: <https://gcaptain.com/containership-comes-under-fire-by-pirates-off-nigeria/> Pirates off the coast of Nigeria chased and shot at a containership underway on Tuesday in the first reported piracy incident in the Gulf of Guinea region so far this year.

Sinking tanker abandoned off India after engine room floods. Gary Dixon. *TradeWinds*.

24 January 2020. Available from: <https://www.tradewindsnews.com/casualties/sinking-tanker-abandoned-off-india-after-engine-room-floods/2-1-743715> All 13 seafarers have been rescued from a sinking asphalt tanker off India.

Crew evacuated from sinking bitumen carrier in Arabian Sea. *World Maritime News*.

27 January 2020. Available from: <https://worldmaritimeneeds.com/archives/289994/> Thirteen Indian crew members have been rescued from a Panama-flagged bitumen tanker in the Arabian Sea, the Indian Coast Guard said.

Crew rescued after tanker catches fire off Sharjah coast. Salam Al Amir. *The National (United Arab Emirates)*. 29 January 2020.

Available from: <https://www.thenational.ae/uae/crew-rescued-after-tanker-catches-fire-off-sharjah-coast-1.971644>  Emergency services rescued crew members after a fire broke out on a vessel off the coast of Sharjah on Wednesday.

Update: Maersk finds VLSFO not to blame for engine failure off Spain. *Ship & Bunker*.

31 January 2020. Available from: <https://shipandbunker.com/news/emea/797422-update-maersk-finds-vlsfo-not-to-blame-for-engine-failure-off-spain> Container giant Maersk has said an engine failure on one of its ships this week was not caused by this is year's switch to new low-sulfur fuels.

ENVIRONMENT

Climate change hope for hydrogen fuel. Roger Harrabin. *BBC News*. 2 January 2020.

Available from: <https://www.bbc.co.uk/news/science-environment-50873047> Hydrogen fuel is a relatively green alternative to alternatives that produce greenhouse gases.

Ocean acidification a big problem — but not for coral reef fish behaviour. Nancy Bazilchuk. *Norwegian University of Science and Technology (NTNU)*. 8 January 2020. Available from: <https://norwegianscitechnews.com/2020/01/ocean-acidification-a-big-problem-but-not-for-coral-reef-fish-behaviour/> Several high-profile studies report that ocean acidification will affect coral reef fish behaviour enough to jeopardize their survival.

UNDP launches Ocean Innovation Challenge. *United Nations Development Programme (UNDP)*. 8 January 2020. Available from: <http://www.undp.org/content/undp/en/home/news-centre/news/2020/undp-launches-new-ocean-innovation-challenge.html> Between overfishing, pollution, habitat loss and the multiple impacts of climate change on ocean ecosystems, the ocean has never faced such a diverse range of threats.

Shift to cleaner transport fuels gains pace over climate fears. Gary Gentile. *S&P Global Platts*. 10 January 2020. Available from: <https://bit.ly/3blQBfV> From curbs on diesel cars in some cities to "flight shaming," transportation fuels are the focus of the climate change controversy at the start of 2020.

Ocean temperatures hit record high as rate of heating accelerates. Damian Carrington. *The Guardian*. 13 January 2020. Available from: https://www.theguardian.com/environment/2020/jan/13/ocean-temperatures-hit-record-high-as-rate-of-heating-accelerates?CMP=share_btn_tw The heat in the world's oceans reached a new record level in 2019, showing "irrefutable and accelerating" heating of the planet.

Calling time on greenhouse gas emissions. Selwyn Parker. *Marine Propulsion & Auxiliary Machinery*. 13 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/calling-time-on-greenhouse-gas-emissions-57437> Fossil fuels have become a dead-end for deep-sea shipping, but how can operators decide on an alternatives?

UN proposes protecting 30% of earth to slow extinctions and climate change. Phil McKenna. *InsideClimate News*. 14 January 2020. Available from: <https://insideclimatenews.org/news/14012020/biodiversity-treaty-climate-change-marine-sanctuary-conservation-protected-areas-wildlife-habitat-forests> The draft update to a global biodiversity treaty aims to solve two global challenges at once by protecting critical wildlife habitat and carbon sinks.

ABB presents recommendation for zero-emission marine technology to US Congress. *ABB*. 14 January 2020. Available from: <https://new.abb.com/news/detail/55503/abb-presents-recommendation-for-zero-emission-marine-technology-to-us-congress> ABB Marine & Ports delivered testimony in the US House of Representatives Committee on Transportation and Infrastructure about the future of marine technologies.

Top risks are environmental, but ignore economics and they'll be harder to fix. Gayle Markovitz. *World Economic Forum*. 15 January 2020. Available from: <https://www.weforum.org/agenda/2020/01/what-s-missing-from-the-2020-global-risks-report/> Climate-related risks overshadow all other risks – in particular economic risks – undermining cohesive action and creating blind spots. [WEF Global Risk Report 2020](#)

Rising sea-levels and increased storms pose threat to coastal communities. Alan Williams. *University of Plymouth (UK)*. 15 January 2020. Available from: <https://www.plymouth.ac.uk/news/rising-sea-levels-and-increased-storms-pose-future-threat-to-coastal-communities> The rate of coastal erosion around the UK is expected to increase substantially in the future, according to a new study by the University of Plymouth.

Time to step up and save our ocean. Rebecca Pow MP. *UK Government*. 15 January 2020. Available from: <https://www.gov.uk/government/news/time-to-step-up-and-save-our-ocean> Environment Minister Rebecca Pow has called for governments around the world to join the UK-led 30by30 initiative to protect at least 30% of the planet's ocean by 2030.

OPINION: It's time to hold transportation accountable for global sustainability. Makhtar Diop. *Reuters*. 16 January 2020. Available from: <http://news.trust.org/item/20200116170052-etv5y/> Improving how people and goods reach each other is key to solving global challenges, from poverty to climate change.

The carbon footprint of dinner: How 'green' are fish sticks? Jennifer McNulty. *Phys.org*. 16 January 2020. Available from: <https://phys.org/news/2020-01-carbon-footprint-dinner-green-fish.html> Fish sticks may be a tasty option for dinner, but are they good for the planet?

A wave of sustainability sweeps across the cruise industry. Josh Martin. *Stuff (New Zealand)*. 16 January 2020. Available from: <https://www.stuff.co.nz/travel/cruising/118324247/a-wave-of-sustainability-sweeps-across-the-cruise-industry> Although the cruise industry has skirted the controversy of "flight shaming", critics say it's a fallacy to think cruises are a low-carbon substitute to a fly-and-flop, because passengers often fly to their embarkation point, and the industry is using a workaround to cut sulphur emissions rather than switch over to less-polluting fuels.

SDG14: Navigating an ocean of risks and opportunities. Toby Hill. *Business Green*. 16 January 2020. Available from: <https://www.businessgreen.com/feature/3084987/sdg14-navigating-an-ocean-of-risks-and-opportunities> The seas are warmer than at any point in human history and life under water is facing myriad threats, but there are still reasons to hope the Sustainable Development Goal focused on the world's oceans can be met.

Mobile protected areas needed to protect biodiversity in the high seas. *Science Daily*. 16 January 2020. Available from: <https://www.sciencedaily.com/releases/2020/01/200116141720.htm> As the United Nations rewrites the laws of the high seas, the new document should anticipate emerging technologies that allow protected areas to move as animals migrate or adapt to climate change.

Humans risk living in an empty world, warns UN biodiversity chief. Patrick Greenfield. *The Guardian*. 20 January 2020. Available from: <https://www.theguardian.com/environment/2020/jan/20/humans-risk-living-in-an-empty-world-warns-un-biodiversity-chief-aoe> Ahead of the World Economic Forum, Elizabeth Maruma Mrema urges governments to take definitive action on climate, deforestation and pollution.

Poll finds strong worldwide support for bans on fishing endangered species. Marc Montgomery. *Radio Canada International (RCI)*. 20 January 2020. Available from: <https://www.rcinet.ca/en/2020/01/20/poll-finds-strong-worldwide-support-for-bans-on-fishing-endangered-species/> A recent international survey by Ipsos for the World Economic Forum found strong majority support for bans on catch and sale of endangered marine species.

Oceans, biodiversity, deforestation: what's on the climate agenda for 2020? Fiona Harvey. *The Guardian*. 21 January 2020. Available from: <https://www.theguardian.com/environment/2020/jan/21/oceans-biodiversity-deforestation-whats-on-the-climate-agenda-for-2020> World leaders and business chiefs meeting in Davos this week will be confronted for the first time with an agenda on which the climate and ecological crises take top billing.

Ten impacts of the Australian bushfires. *United Nations Environment Programme (UNEP)*. 22 January 2020. Available from: <https://www.unenvironment.org/news-and-stories/story/ten-impacts-australian-bushfires> Over 18 million hectares have burned in the Australian bushfire season 2019–2020 as of mid-January according to media reports, destroying over 5,900 buildings including over 2,800 homes.

Ningaloo whale shark study finds one fifth injured by ships and that's increasing. Rebecca Parish. *ABC (Australia)*. 27 January 2020. Available from: <https://www.abc.net.au/news/2020-01-27/ningaloo-whale-shark-study-finds-one-fifth-injured-by-ships/11903712> There is hope a study of close to 1,000 whale sharks found cruising the picturesque Ningaloo Reef in Western Australia may lead to further changing practices of marine vessels on shipping routes.

Oil companies must explain how their new “Super Pollutant” shipping fuels ever came to market. *Clean Arctic Alliance*. 27 January 2020. Available from: <https://www.hfofreearctic.org/en/2020/01/27/oil-companies-must-explain-how-their-new-super-pollutant-shipping-fuels-ever-came-to-market/> Responding to the discovery that some of the new blended low sulphur shipping fuels developed and marketed by oil companies to comply with IMO 2020 air pollution standards will actually lead to a surge in the emissions of a Super Pollutant known as Black Carbon, the Clean Arctic Alliance is calling for IMO to support an immediate switch to distillate fuels for ships in the Arctic and develop a global rule prohibiting fuels with high Black Carbon emissions.

Deep decarbonization: A realistic way forward on climate change. David G. Victor. *Yale Environment 360*. 28 January 2020. Available from: <https://e360.yale.edu/features/deep-decarbonization-a-realistic-way-forward-on-climate-change> Global emissions have soared by two-thirds in the three decades since international climate talks began.

Ocean heat waves linked to rise in whale entanglements. Bev Banks. *Scientific American*. 28 January 2020. Available from: <https://www.scientificamerican.com/article/ocean-heat-waves-linked-to-rise-in-whale-entanglements/> Whales searching for food near California during recent marine heat events became ensnared in fishing gear.

Staying relevant in a decarbonising world. Andrew Clifton. *LNG Shipping & Terminals*. 28 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/staying-relevant-in-a-decarbonising-world-57743> The global focus on decarbonisation could create opportunities for gas carriers to transport liquid hydrogen and CO₂ in bulk, says SIGTTO's Andrew Clifton.

IBIA: Still too early to draw conclusions on VLSFO's black carbon emissions. *World Maritime News*. 28 January 2020. Available from: <https://worldmaritimeneeds.com/archives/290127/> International Bunker Industry Association (IBIA) believes that it is still premature to draw any valid and meaningful conclusions on the level of black carbon emissions associated with the use of 0.50% sulphur fuels.

Emissions – the ‘business as usual’ story is misleading. Zeke Hausfather and Glen P. Peters. *Nature*. 29 January 2020. Available from: <https://www.nature.com/articles/d41586-020-00177-3> More than a decade ago, climate scientists and energy modellers made a choice about how to describe the effects of emissions on Earth's future climate.

Climate-neutral Rhine-Alps corridor. *Port of Rotterdam*. 31 January 2020. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/climate-neutral-rhine-alps-corridor> Seventeen parties have today taken the first step towards a climate-neutral transport corridor between Rotterdam and Genoa.

ENVIRONMENTAL POLLUTION

The plastic polluters won 2019 – and we're running out of time to stop them. John Vidal.

The Guardian. 2 January 2020. Available from:

<https://www.theguardian.com/environment/2020/jan/02/year-plastic-pollution-clean-beaches-seas>

The beach at Muncar on the island of Java was revolting - the 400-yard wide, mile-long stretch of sand was feet deep in foul-smelling sauce sachets, shopping bags, nappies, bottles and bags, plastic clothes and detergent bottles.

Mooring Accident Leads to Spill Off Danish Petroleum Terminal. *Maritime Executive*.

5 January 2020. Available from: <https://www.maritime-executive.com/article/mooring-accident-leads-to-spill-off-danish-petroleum-terminal>

On Saturday morning, the product tanker *Stone 1* spilled vacuum oil into the water off Aabenraa, Denmark, a small town in Jutland near the German border.

Preparing for a worst-case oil spill. Martyn Wingrove. *Offshore Support Journal*. 6 January 2020.

Available from: <https://www.rivieramm.com/news-content-hub/preparing-for-a-worst-case-oil-spill-57353>

The importance of stocking oil spill response equipment on offshore installations and OSVs was again highlighted in the wake of spills in Norway and Brazil last year.

IMO approves Nigeria's SOP for oil pollution claims. Godwin Oritse. *Vanguard (Nigeria)*.

15 January 2020. Available from: <https://www.vanguardngr.com/2020/01/imo-approves-nigerias-sop-for-oil-pollution-claims/>

The International Maritime Organization, IMO, has approved the Standard Operation Procedure, SOP, of the Nigerian Maritime Administration and Safety Agency, NIMASA, for oil pollution claims from the International Oil Pollution Compensation Funds, IOPCF, which provide financial compensation for oil pollution damage that occurs in member states, resulting from spills.

Experts say Med Sea altered by Suez Canal's invasive species. Aron Heller and Isabel Debre.

Phys.org. 16 January 2020. Available from: <https://phys.org/news/2020-01-experts-med-sea-suez-canal.html>

As Egypt marks the 150th anniversary of the opening of the Suez Canal, marine biologists are bemoaning one of the famed waterway's lesser known legacies—the invasion of hundreds of non-native species, including toxic jellyfish and aggressive lionfish.

Number of large spills continues to decline, says International Group's Paulson. *Insurance Marine News*.

22 January 2020. Available from: <https://insurancemarinenews.com/insurance-marine-news/number-of-large-spills-continues-to-decline-says-international-groups-paulson/>

Statistics continued to point towards a significant decrease in the number of large spills (more than 700 tonnes) over the past few decades, which since 2010 was averaging 1.9 per year, said Tony Paulson, chair of the International Group of P&I Clubs pollutions subcommittee, in the Group's just-published annual report 2019.

Path to decarbonisation: a steep and steady climb. John Snyder. *Marine Propulsion & Auxiliary Machinery*.

22 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/path-to-decarbonisation-is-a-steep-steady-climb-57599>

North American vessel owners, ship designers and other stakeholders gathered to discuss the challenges of meeting stricter emissions standards and the pathway to decarbonisation.

Billions of tons of plastic are choking the ocean. She's here to help clean it up.

Roberto Molar Candanosa. *Northeastern University (US)*. 23 January 2020. Available from:

<https://news.northeastern.edu/2020/01/23/billions-of-tons-of-plastic-are-choking-the-ocean-shes-here-to-help-clean-it-up/>

That's how many pounds of plastic end up in the ocean on average each year, according to estimates published in 2015.

Shipping noise disturbing Arctic fish, researchers find. *University of Windsor (Canada).*

23 January 2020. Available from: <http://www.uwindsor.ca/dailynews/2020-01-22/shipping-noise-disturbing-arctic-fish-researchers-find> As changing climates cause Arctic ice to recede, allowing for more ship traffic, the noise from anchored and moving vessels is another stress on the region's sea life, including a key species in the ecosystem — Arctic cod.

'Big worry' as scientists find plastic 'pouring' into Antarctica. Thomas Moore. *Sky News.*

25 January 2020. Available from: <https://news.sky.com/story/plastic-pouring-into-antarctica-with-hundreds-of-pieces-in-every-litre-of-water-11915953> Scientists are surprised by just how much plastic they have found in such an untouched area of the planet.

Red Sea huge source of air pollution, greenhouse gases: study. Patrick Galey. *Phys.org.*

28 January 2020. Available from: <https://phys.org/news/2020-01-red-sea-huge-source-air.html> Hydrocarbon gases bubbling from the bottom of the Red Sea are polluting the atmosphere at a rate equivalent to the emissions of some large fossil fuel exporting countries, researchers said Tuesday.

'Frankenstein Fuels': The bunker industry's intensifying war of words over emissions.

Jack Jordan. *Ship & Bunker.* 28 January 2020. Available from:

<https://shipandbunker.com/news/world/679399-frankenstein-fuels-the-bunker-industrys-intensifying-war-of-words-over-emissions> As the shipping and bunker industries' discussions about how best to address marine fuel emissions become more mainstream, participants in these debates are starting to use more emotive language to target a wider audience.

Liquefied natural gas as marine fuel revealed to be worse than business as usual for the climate. *Hellenic Shipping News.* 29 January 2020. Available from:

<https://www.hellenicshippingnews.com/liquefied-natural-gas-as-marine-fuel-revealed-to-be-worse-than-business-as-usual-for-the-climate/> A new report from the International Council on Clean Transportation (ICCT) has found that the most popular Liquefied Natural Gas (LNG) ship engine, particularly for cruise ships, emits between 70% and 82% more life-cycle greenhouse gas (GHG) emissions over the short-term compared to clean distillate fuels.

SEA-LNG and SGMF respond to ICCT negative analysis of LNG as marine fuel. *Manifold*

Times (Singapore). 30 January 2020. Available from: <https://www.manifoldtimes.com/news/sea-lng-and-sgmf-issue-response-to-icct-negative-analysis-of-lng-as-marine-fuel/> SEA-LNG and SGMF note the draft report "The climate implications of using LNG as a marine fuel" produced by the International Council on Clean Transportation (ICCT).

HEALTH & SAFETY

Mental Health First Aid: a game changer to improve our seafarers' lives? Sandra Guiguet.

Gard. 16 January 2020. Available from: <http://www.gard.no/web/updates/content/29028297/mental-health-first-aid-a-game-changer-to-improve-our-seafarers-lives> Mental health is an important component of physical wellbeing aboard ship.

Confined Spaces: The initial test of the atmosphere. Gavan Dunleavy. *Maritime Executive.*

18 January 2020. Available from: <https://www.maritime-executive.com/editorials/confined-spaces-the-initial-test-of-the-atmosphere> International maritime standards currently require crews sailing on vessels around the world to have an extensive amount of training and certifications which permit them to sail on board ships of all types.

Coronavirus: 'An emergency in China, but not yet a global health emergency'. *UN News*. 23 January 2020. Available from: <https://news.un.org/en/story/2020/01/1055891> However, after two days of deliberations, the WHO Emergency Committee, which advises the head of the agency, was divided on whether to declare a PHEIC.

Seafarers face increased checks as coronavirus spreads across the world. Sam Chambers. *Splash 247.com*. 24 January 2020. Available from: <https://splash247.com/seafarers-face-increased-checks-as-coronavirus-spreads-across-the-world/> Seafarers who have called in China in recent weeks and are seeking shore leave at ports across much of Asia are coming in for increased scrutiny as the world takes action against the growing spread of a coronavirus originating from the central Chinese province of Hubei.

Novel Coronavirus Precautions. *United States Coast Guard*. 24 January 2020. Available from: <https://www.dco.uscg.mil/Portals/9/DCO%20Documents/5p/MSIB/2020/MSIB-01-20-Novel-Coronavirus-Precautions-USCG.pdf?ver=2020-01-24-192641-323> A novel (new) coronavirus (2019-nCoV) is causing an outbreak of pneumonia-type illness in the city of Wuhan, Hubei Province, China.

UN health agency: Time is now to 'act as one' in fighting infectious coronavirus. *UN News*. 25 January 2020. Available from: <https://news.un.org/en/story/2020/01/1056031> The evolving outbreak that began in China is “a sign that every country needs to be ready to timely detect and manage outbreaks of any type”, the World Health Organization (WHO) said on Saturday.

Wuhan coronavirus wreaks havoc on Chinese cruise sector. Jonathan Boonzaier. *TradeWinds*. 26 January 2020. Available from: <https://www.tradewindsnews.com/cruise-and-ferry/wuhan-coronavirus-wreaks-havoc-on-chinese-cruise-sector/2-1-744436> International cruise players suspend cruise operations in China as Wuhan virus crisis worsens.

New ship fuel rule could have negative health and climate impacts. Natalie Bruckner-Menchelli. *Ship & Bunker*. 27 January 2020. Available from: <https://shipandbunker.com/news/world/734511-viewpoint-new-ship-fuel-rule-could-have-negative-health-and-climate-impacts> A new regulation introduced on January 1, 2020, by the International Maritime Organization (IMO) that limits Sulphur in fuel oil used on board ships could significantly increase harmful black carbon (BC) emissions if blended fuels are used, according to a study and new position paper.

Seafarers face screening in China, Singapore amid coronavirus outbreak. *World Maritime News*. 27 January 2020. Available from: <https://worldmaritimeneeds.com/archives/289987/> Seafarers calling at Chinese ports are advised to wear masks and take precautionary measures to avoid getting infected with a new coronavirus and prevent its potential spreading.

Shipping urged to prepare for Wuhan coronavirus. Grant Rowles. *Splash 247.com*. 27 January 2020. Available from: <https://splash247.com/shipping-urged-to-prepare-for-wuhan-coronavirus/> As the official numbers of Wuhan coronavirus infections in China rise and the virus starts to spread globally, shipping is being urged to prepare on several fronts.

Global Shipping Body (ICS) issues guidance to shipowners in the face of the Corona Virus. *International Chamber of Shipping (ICS)*. 28 January 2020. Available from: [http://www.ics-shipping.org/news/press-releases/view-article/2020/01/28/global-shipping-body-\(ics\)-issues-guidance-to-shipowners-in-the-face-of-the-corona-virus](http://www.ics-shipping.org/news/press-releases/view-article/2020/01/28/global-shipping-body-(ics)-issues-guidance-to-shipowners-in-the-face-of-the-corona-virus) The International Chamber of Shipping (ICS), the global shipping body representing 80% of the world's merchant fleet, is advising its membership to take steps that limit the spread of the novel Corona Virus (2019-nCoV).

Non-existent government response to the spread of Novel Coronavirus in Australia's ports.

Maritime Union of Australia. 28 January 2020. Available from: <https://www.mua.org.au/news/non-existent-government-response-spread-novel-coronavirus-australia%E2%80%99s-ports>

WHO announced that four members of a family from Wuhan, who had travelled to the UAE earlier in January, were hospitalized on 25 and 27 January after testing positive for coronavirus.

Coronavirus poses grave threats — and they are not just financial. Max Tingyao Lin.

TradeWinds. 29 January 2020. Available from:

<https://www.tradewindsnews.com/casualties/coronavirus-poses-grave-threats-and-they-are-not-just-financial/2-1-745292> Shipping is facing a black swan event in the form of a new, deadly coronavirus.

Coronavirus: First case confirmed in Gulf region, more than 6,000 worldwide. *UN News*.

29 January 2020. Available from: <https://news.un.org/en/story/2020/01/1056222> WHO announced that four members of a family from Wuhan, who had travelled to the UAE earlier in January, were hospitalized on 25 and 27 January after testing positive for coronavirus.

How has coronavirus affected ports and shipping? Max Schwerdtfeger. *Port Technology*

International. 29 January 2020. Available from: <https://www.porttechnology.org/news/how-has-coronavirus-affected-ports-and-shipping/> The first month of 2020 has seen numerous threats to free trade and the flow of cargo around the world, including escalating tensions between the US and Iran and Brexit.

6,000 passengers stuck on cruise ship in Italy over coronavirus fears. Angela Giuffrida.

The Guardian. 30 January 2020. Available from:

<https://www.theguardian.com/world/2020/jan/30/6000-passengers-stuck-on-cruise-ship-in-italy-over-coronavirus-fears> More than 6,000 people have been prevented from disembarking from a cruise ship in the Italian port city of Civitavecchia after the liner was placed on lockdown over fears two Chinese passengers could be carrying the coronavirus.

Statement on the second meeting of the International Health Regulations (2005) Emergency Committee regarding the outbreak of novel coronavirus (2019-nCoV). *World Health Organization (WHO)*.

30 January 2020. Available from: <https://bit.ly/2UG9vbO> The second meeting of the Emergency Committee convened by the WHO Director-General under the International Health Regulations (IHR) (2005) regarding the outbreak of novel coronavirus 2019 in the People's Republic of China, with exportations to other countries, took place on Thursday, 30 January 2020, from 13:30 to 18:35 Geneva time (CEST).

Update: Coronavirus ruled out on CMA CGM containership. Mike Schuler. *gCaptain*.

30 January 2020. Available from: <https://gcaptain.com/update-coronavirus-ruled-out-on-cma-cgm-containership/> The sick crew members on board the CMA CGM Ural have recovered and coronavirus has been ruled out, according to a spokesperson with CMA CGM.

Coronavirus: Thousands allowed off cruise ship after scare. *BBC News*. 30 January 2020.

Available from: <https://www.bbc.co.uk/news/world-asia-china-51314138> Six thousand people on board a cruise ship in Italy have been allowed to disembark after health officials said a Chinese passenger who had symptoms of coronavirus had tested negative.

Coronavirus declared global health emergency by WHO. *BBC News*. 31 January 2020.

Available from: <https://www.bbc.co.uk/news/world-51318246> The new coronavirus has been declared a global emergency by the World Health Organization, as the outbreak continues to spread outside China.

UN relocates biodiversity talks to Italy from China after coronavirus emergency. Chloé Farand. *Climate Home News*. 31 January 2020. Available from: <https://www.climatechangenews.com/2020/01/31/un-relocates-biodiversity-talks-italy-china-coronavirus-emergency/> Italy will host UN biodiversity talks next month after the rapid spread of the coronavirus forced authorities to relocate the meeting from China.

IMO

The Interview: Kitack Lim. Anastassios Adamopoulos. *Lloyd's List*. 7 January 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1130567/The-Interview-Kitack-Lim> The International Maritime Organization's secretary-general, elected for a second term until the end of 2023, has overseen an extremely busy four years that were spearheaded by the switch into a new low-sulphur era.

London decarbonisation debate questions IMO targets. Sam Chambers. *Splash 247.com*. 10 January 2020. Available from: <https://splash247.com/london-decarbonisation-debate-questions-imo-targets/> Shipping got plenty of insight into its potential zero-carbon future yesterday at an event organised by the UK Chamber of Shipping featuring lobbyists, politicians, shipowners, green tech experts and NGOs.

The scale of investment needed to decarbonize international shipping. Randall Krantz, Kasper Søgaard and Tristan Smith. *Global Maritime Forum*. 20 January 2020. Available from: <https://www.globalmaritimeforum.org/news/the-scale-of-investment-needed-to-decarbonize-international-shipping> To make the decarbonization of the maritime shipping sector successful, the coming three decades will need to see a fundamental shift towards zero carbon energy sources.

UN shipping chief told to lead sector to finally take climate action. Eoin Bannon. *Transport & Environment*. 20 January 2020. Available from: <https://www.transportenvironment.org/publications/un-shipping-chief-told-lead-sector-finally-take-climate-action> In this letter, six environmental groups - the Clean Shipping Coalition (which includes T&E), EcoDes, EDF, Clima e Sociedade (iCS), Pacific Environment and WWF - congratulate Kitack Lim on his election to a second term as the secretary-general of the International Maritime Organisation. [Letter to IMO Secretary-General, Kitack Lim](#) 📧

UN's decarbonisation target for shipping to cost over \$1 trillion - study. Jonathan Saul. *Reuters*. 20 January 2020. Available from: <https://reut.rs/2StltkS> At least \$1 trillion (769 billion pounds) of investment in new fuel technology is needed to enable the shipping industry to meet U.N. targets for cuts in carbon emissions by 2050, a study published on Monday showed.

Air pollution-busting ship fuel in climate backlash. Sam Morgan. *EurActiv*. 20 January 2020. Available from: <https://www.euractiv.com/section/shipping/news/air-pollution-busting-ship-fuel-in-climate-backlash/> New rules aimed at reducing air pollution from shipping may worsen the sector's climate impact, according to new research, which warns that low sulphur fuels could end up producing more climate-bashing emissions, known as black carbon.

IMO urged to decarbonise shipping by 2050. Adam Corbett. *TradeWinds*. 20 January 2020. Available from: <https://www.tradewindsnews.com/regulation/imo-urged-to-decarbonise-shipping-by-2050/2-1-740393> A group of leading environmental groups have written to IMO secretary general Kitack Lim urging him to raise the organisation's carbon reduction goals and work toward decarbonising the world fleet before 2050.

Shipping climate goal to cost 100 times more than industry proposing to raise. Ben Garside. *Carbon Pulse*. 20 January 2020. Available from: <https://carbon-pulse.com/90445/> Global investment of \$50-70 billion a year will be needed to halve emissions from shipping by 2050, a scale 100 times greater than an industry-proposed \$2/t levy would raise but a level experts say has already been borne by the maritime sector within living memory.

Shipping reacts to \$1,000,000,000,000 decarbonisation bill. Sam Chambers. *Splash 247.com*. 21 January 2020. Available from: <https://splash247.com/shipping-reacts-to-1000000000000-decarbonisation-bill/> Shipping will need far greater collaboration, both among existing players as well as with governments and land-based business partners, to work out how it pays for the transition necessary to meet the 2050 decarbonisation goals set out by the International Maritime Organization (IMO).

Who pays the piper? Malcolm Latache. *ShipInsight*. 22 January 2020. Available from: <https://shipinsight.com/articles/who-pays-the-piper> ShipInsight recently carried a news item titled Shipping facing Trillion dollar bill for 2050 plans which laid out some of the conclusions of a study commissioned by the Getting to Zero coalition into the cost of meeting the IMO's target of reducing GHG emissions by 50% by 2050.

IMO's marine fuel rules sets shipping industry for a comeback in 2020: IHS.

Roslan Khasawneh. *Reuters*. 23 January 2020. Available from: <https://reut.rs/2vbmdV5> The global shipping market is set for a recovery, benefiting from new global rules on marine fuels that came into effect at the beginning of the year after more than a decade of tough market conditions, according to IHS Markit.

High black carbon emissions from VLSFO heaps pressure on IMO. Sam Chambers. *Splash 247.com*. 27 January 2020. Available from: <https://splash247.com/high-black-carbon-emissions-from-vlsfo-heaps-pressure-on-imo/> Following on from a landmark study funded by the German Environment Agency that suggests some blends of the new very low sulphur fuel oil (VLSFO) contain higher black carbon emissions than its forebear, high sulphur fuel oil (HSFO), the International Maritime Organization (IMO) is coming under pressure to ban the new fuel in Arctic waters.

'It's the Wild West': Greek shipping executives say IMO 2020 start is worse than it appears.

Harry Papachristou. *TradeWinds*. 27 January 2020. Available from: <https://www.tradewindsnews.com/regulation/its-the-wild-west-greek-shipping-executives-say-imo-2020-start-is-worse-than-it-appears/2-1-744507> Shipping has largely avoided serious, headline-grabbing mishaps in its adjustment to IMO 2020 so far.

IMO under pressure to regulate new ship fuels over Arctic warming. Chloé Farand.

Climate Home News. 27 January 2020. Available from: <https://www.climatechangenews.com/2020/01/27/imo-under-pressure-to-regulate-new-ship-fuels-over-arctic-warming/> The International Maritime Organisation (IMO) is under pressure to regulate new shipping fuels introduced this month which may be accelerating warming in the Arctic.

Maritime Authority of Jamaica hosts IMO first Caribbean regional Knowledge Partnership Workshop. *The Gleaner (Jamaica)*. 28 January 2020. Available from: <https://bit.ly/2OG1SOy>

In an innovative approach, maritime leaders, along with international and regional development agencies, gathered in Kingston last week to participate in the first Caribbean Regional Knowledge Partnership Workshop on maritime technical cooperation activities, organised by the International Maritime Organization (IMO) in collaboration with the Maritime Authority of Jamaica (MAJ).

ITF supports push at the IMO for more women workers in maritime. *International Transport Workers' Federation (ITF)*. 29 January 2020. Available from:

<https://www.itfseafarers.org/en/news/itf-supports-push-imo-more-women-workers-maritime>

A resolution drafted by the ITF, the Women's International Shipping and Trading Association (WISTA International), and several countries at the IMO has led to an initiative to increase the number of women working in the maritime sector.

LAW & POLICY

Malta priorities blue economy and maritime cluster. *Port Strategy*. 6 January 2020.

Available from: <https://www.portstrategy.com/news101/world/europe/malta-prioritises-blue-economy-and-maritime-cluster> When Malta held the presidency of the European Union Council two years ago, the maritime sector was a declared priority.

Qingdao MSA investigates and punishes the first over emissions foreign ship. Sarah Yu.

Xinde Marine News (China). 7 January 2020. Available from:

<https://www.xindemarinenews.com/en/regulations/2020/0107/17325.html> On January 3, Qingdao MSA investigated and punished a foreign ship that failed to use marine fuel in accordance with the requirements of the air pollution emission control zone.

Establishment of Council of Arab and African Coastal States of Red Sea and Gulf of Aden.

Niklas Krigslund. *Saudi Press Agency (SPA)*. 7 January 2020. Available from:

<https://www.spa.gov.sa/viewfullstory.php?lang=en&newsid=2019948> Al-Bilad newspaper said in its editorial that Riyadh witnessed yesterday the founding and signing the Charter of Council of Arab and African Coastal States of the Red Sea and the Gulf of Aden that to be hosted by the Kingdom of Saudi Arabia in appreciation of its efforts to strengthen relations between member states and raise the level of coordination and constructive cooperation to face the challenges and risks in this vital waterway, which is of great importance to the global economy and trade.

Oil spill fines hiked to N\$1m. Lazarus Amukeshe. *The Namibian*. 8 January 2020. Available from:

[https://www.namibian.com.na/86830/read/Oil-spill-fines-hiked-to-N\\$1m](https://www.namibian.com.na/86830/read/Oil-spill-fines-hiked-to-N$1m) Any owner or master of a ship, tanker or offshore installation found guilty of spilling oil into any part of the sea considered a prohibited area will be liable to fines of up to N\$1 million or a prison term of up to 25 years.

Federal judge frustrated over Carnival's continued pollution while on probation. Taylor Dolven.

Miami Herald (US). 8 January 2020. Available from:

<https://www.miamiherald.com/news/business/tourism-cruises/article239089503.html> More than halfway through Carnival Corporation's five year probation, company executives were in federal court Wednesday trying to assure U.S. District Judge Patricia Seitz that they were making progress on the cruise company's widespread pollution problem.

New Red Sea alliance launched by Saudi Arabia, but excludes key players.

Laura Angela Bagnetto. *Radio France Internationale (RFI)*. 10 January 2020. Available from:

<http://www.rfi.fr/en/africa/20200108-new-red-sea-alliance-formed-saudi-arabia-notable-exclusions>

A new regional council involving eight countries in the Red Sea corridor was launched this week with Saudi Arabia at the helm as a way to tackle piracy, smuggling and other related issues.

China catches two ships flouting low sulphur rules. Dale Wainwright. *TradeWinds*.

13 January 2020. Available from: <https://www.tradewindsnews.com/regulation/china-catches-two-ships-flouting-low-sulphur-rules/2-1-736361> China is reported to have caught two ships that were allegedly using non-compliant bunker fuel, according to the Standard P&I Club.

New fuels will fire up new disputes. Paul Gunton. *ShipInsight*. 13 January 2020. Available from: <https://shipinsight.com/articles/new-fuels-will-fire-up-new-disputes> When a former director for strategic planning on the White House National Security Council got in touch a few days ago and said he was in “full agreement” with my remarks three weeks ago about the variations in port state responses to IMO 2020 violations, I was reassured that mine was not a lone voice.

Iran’s flag-shopping fleet drags registries into sanctions net. Michelle Wiese Bockmann and Nidaa Bakhsh. *Lloyd's List*. 13 January 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1130632> Registries of Panama, Gabon, Honduras and Belize have re-flagged vessels that have either been sanctioned by the US for shipping Iranian energy commodities or engaged in deceptive shipping practices that suggest they are exporting cargoes from the Islamic republic.

New implementation strategy for India’s single-use plastic ban. *Gard*. 13 January 2020. Available from: <http://www.gard.no/web/updates/content/29011545/new-implementation-strategy-for-indias-single-use-plastic-ban> India aims to reduce ships’ use of single-use plastic by 90% during stays in Indian ports in the next 12 months.

Third Chinese port announces sulphur cap violation. Cichen Shen. *Lloyd's List*. 13 January 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1130636/Third-Chinese-port-announces-sulphur-cap-violation> The Port of Ningbo has found yet another violation of the 2020 global sulphur cap with a Panama-flagged containership caught burning non-compliant fuels, the third such case reported in China this month.

To deter Chinese sea claims, Indonesia puts its fishers on the front line. Basten Gokkon. *Mongabay*. 14 January 2020. Available from: <https://news.mongabay.com/2020/01/natuna-indonesia-china-fisheries-illegal-fishing/> Indonesia is ramping up its fisheries in the waters around its northern Natuna Islands, following an incursion into the area by fishing boats and a coast guard vessel from China.

DP World’s Djibouti battle continues at court in London. Sam Chambers. *Splash 247.com*. 15 January 2020. Available from: <https://splash247.com/dp-worlds-djibouti-battle-continues-at-court-in-london/> DP World has won another legal hearing against the government of Djibouti over the Doraleh Container Terminal, having been kicked out of the country two years ago.

More IMO violations emerge in China’s coastal waters. *Argus Media*. 15 January 2020. Available from: <https://www.argusmedia.com/en/news/2051474-more-imo-violations-emerge-in-chinas-coastal-waters?backToResults=true> Chinese maritime authorities have caught at least three vessels using marine fuel that exceeds International Maritime Organization (IMO) standards, in some of the first violations to have emerged since the IMO’s 0.5pc sulphur cap took effect on 1 January.

Skou hits out at EU competition laws. Sam Chambers. *Splash 247.com*. 16 January 2020. Available from: <https://splash247.com/skou-hits-out-at-eu-competition-laws/> European competition laws are holding the continent’s top conglomerates back from becoming global champions, unable to compete with American and Chinese rivals, the head of Maersk, Soren Skou, has said in an interview with local Danish newspaper, *Finans*.

NIMASA to enforce IMO 2020 sulphur rule. Shulammitte 'Foyeku. *Ships & Ports*. 17 January 2020. Available from: <https://shipsandports.com.ng/nimasa-to-enforce-imo-2020-sulphur-rule/> The Nigerian Maritime Administration and Safety Agency (NIMASA) said it will ensure vessels on Nigerian waters comply with the International Maritime Organization (IMO) rule on the reduction of emission.

RMS Titanic wreck to be protected under historic treaty with US. Nusrat Ghani MP and The Rt Hon Julian Smith MP. *UK Government*. 21 January 2020. Available from: <https://www.gov.uk/government/news/rms-titanic-wreck-to-be-protected-under-historic-treaty-with-us>
The wreck of the most famous ship in history, the *RMS Titanic*, will be better protected under an historic international agreement, Maritime Minister Nusrat Ghani confirmed during a visit to Belfast today (21 January 2020).

More countries support naval mission in Strait of Hormuz. Ritzau Finans. *ShippingWatch*. 21 January 2020. Available from: <https://shippingwatch.com/secure/carriers/Tanker/article11888504.ece> The international naval mission in the Strait of Hormuz, aimed at ensuring passage for commercial vessels, continues to take shape.

IMO 2020 legal fights 'coming down the track big time'. Gary Dixon. *TradeWinds*. 21 January 2020. Available from: <https://www.tradewindsnews.com/law/imo-2020-legal-fights-coming-down-the-track-big-time/2-1-740672> Shipping lawyers tell TradeWinds that higher costs, testing of new fuels and determining responsibility in disputes are proving a 'massive dilemma'.

Gender at the Core of the 7th Maritime Law Enforcement Dialogue in Southeast Asia. *United Nations Office on Drugs and Crime (UNODC)*. 21 January 2020. Available from: <https://www.unodc.org/unodc/en/frontpage/2020/January/gender-at-the-core-of-the-7th-maritime-law-enforcement-dialogue-mled-in-southeast-asia.html?ref=fs1> Ten maritime law enforcement practitioners from Indonesia, Malaysia, the Philippines, Thailand and Vietnam, together with six international gender experts and contributors, attended the special session to the 7th Maritime Law Enforcement Dialogue (MLED) in Southeast Asia, titled "Women in Maritime Law Enforcement" (WMLE).

The landside challenge of decarbonisation. Alastair Marsh. *Splash 247.com*. 22 January 2020. Available from: <https://splash247.com/the-landside-challenge-of-decarbonisation/> Halving the maritime industry's greenhouse gas emissions by 2050 extends far beyond ships and their propulsion systems.

Release of refugee boat captain upheld by Italian Supreme Court. *Insurance Marine News*. 22 January 2020. Available from: <https://insurancemarinenews.com/insurance-marine-news/release-of-refugee-boat-captain-upheld-by-italian-supreme-court/> The shift in Italy's official attitude to migrant/refugees arriving by sea was emphasized last Friday when Italy's Supreme Court of Cassation upheld the release of Captain Carola Rackete, who last year defied official instructions and docked her ship at Lampedusa to offload rescued migrants.

Research team injects Inuit views into Ottawa's plan for safe Arctic shipping. Jim Bell. *Nunatsiaq News Online (Canada)*. 22 January 2020. Available from: <https://nunatsiaq.com/stories/article/research-team-injects-inuit-views-into-ottawas-plan-for-safe-arctic-shipping/> Most Inuit and local informants agree that designated safe shipping corridors planned for Canadian Arctic waters should be set up to protect marine mammals by avoiding sensitive areas wherever possible, while reducing speed and engine noise, a report published late last December says.

UNESCO workshop explores strategies for keeping Med region sustainable. Mu Xuequan. *Xinhuanet (China)*. 23 January 2020. Available from: http://www.xinhuanet.com/english/2020-01/23/c_138727458.htm Ocean scientists, experts and representatives from major Italian and international organizations have met at the UNESCO (United Nations Educational, Scientific and Cultural Organization) field bureau in Venice for a three-day workshop on how to keep the Mediterranean Sea clean, healthy, safe and sustainable.

Shipowners warned as Turkey hikes pollution fines by more than 20%. Gary Dixon.

TradeWinds. 24 January 2020. Available from:

<https://www.tradewindsnews.com/insurance/shipowners-warned-as-turkey-hikes-pollution-fines-by-more-than-20-/2-1-743999> Turkey has raised shipping pollution fines by more than 20% for 2020.

CMB'S CO2 Pledge: Net Zero as from 2020 – Zero in 2050. *Compagnie Maritime Belge*.

27 January 2020. Available from: <https://www.cmb.be/en/new/cmbs-co> CMB wants to start of the anniversary year with an environmental announcement and a testimony to the long-lasting and continued belief in the power of global trade and human creativity.

Fishing regulations as the UK leaves the EU. *UK Government*. 28 January 2020. Available from:

<https://www.gov.uk/government/news/fishing-regulations-as-the-uk-leaves-the-eu> The UK will be actively negotiating new trading and fisheries agreements with the EU and other third countries during this transition period, up to December 31st 2020.

Greece: Financing agreement for the construction of the first LNG bunkering vessel for maritime use in Eastern Mediterranean. *European Investment Bank (EIB)*. 28 January 2020.

Available from: <https://www.eib.org/en/press/all/2020-029-financing-agreement-for-the-construction-of-the-first-lng-bunkering-vessel-for-maritime-use-in-eastern-mediterranean> Public Gas Corporation of Greece SA (DEPA) and the European Investment Bank (EIB) signed an agreement to finance with up to EUR 20 million the construction of a new LNG bunkering vessel for maritime use in Greece, which will be based in Piraeus.

British and Dutch maritime leaders to meet as UK leaves the EU. *Maritime UK*. 28 January 2020.

Available from: <https://www.maritimeuk.org/media-centre/news/news-british-and-dutch-maritime-leaders-meet-uk-leaves-eu/> UK and Dutch business leaders will meet in Rotterdam and Amsterdam next month to discuss future maritime and trade relations following the UK's departure from the European Union.

What will it cost to save Earth's oceans? Andrew Urevig. *Ensia*. 29 January 2020. Available from:

<https://ensia.com/notable/ocean-sustainable-development/> In 2015, 193 countries agreed on 17 global objectives for ending poverty and protecting the environment by 2030.

Clean Oceans and the Blue Economy Overview 2020. *European Investment Bank (EIB)*.

29 January 2020. Available from: <https://www.eib.org/en/publications/clean-oceans-and-blue-economy-overview-2019> This publication gives an overview of the European Investment Bank's work in the blue economy. [Overview 2020](#) 

France to send warships to support Greece in Turkish standoff. Helena Smith. *The Guardian*.

29 January 2020. Available from: <https://www.theguardian.com/world/2020/jan/29/greece-turkey-standoff-france-send-warships-east-mediterranean> Greece's prime minister, Kyriakos Mitsotakis, has welcomed a decision by France to dispatch war frigates to the eastern Mediterranean as a standoff with Turkey over regional energy reserves intensifies.

Credit Suisse, others back initiative to factor CO2 cuts into shipping finance. Jonathan Saul.

Reuters. 30 January 2020. Available from: <https://reut.rs/2SuEmoM> Credit Suisse (CSGN.S), BNP Paribas (BNPP.PA) and French public investment bank Bpifrance are the latest lenders to join an initiative to link provision of shipping finance to cuts in carbon dioxide emissions.

European shipowners have no official stance on disputed carbon quotas. Tomas Kristiansen and Katrine Grønvald Raun. *ShippingWatch*. 30 January 2020. Available from:

<https://shippingwatch.com/regulation/article11908753.ece> The EU Commission's plans to implement CO2 quotas for shipping have been met with great concern from several places in the industry.

MARINE TECHNOLOGY

AI in shipping: areas to watch in 2020. Alexander Love. *Ship-technology.com*. 7 January 2020. Available from: <https://www.ship-technology.com/features/ai-in-shipping/> The buzz around artificial intelligence continues to proliferate, with shipping companies beginning to explore AI's potential in predictive maintenance, intelligent scheduling and real-time analytics.

100 stakeholders must find common ground on CO2-free ships. Søren Pico. *ShippingWatch*. 8 January 2020. Available from: <https://shippingwatch.com/secure/regulation/article11862852.ece> Everything from food producers to car manufacturers to bunker suppliers and major shipping companies now share the same vision of developing the world's first ocean-going ship that does not emit CO2.

How will technology shape the shipping industry in 2020? Alexander Buchmann. *Hellenic Shipping News*. 8 January 2020. Available from: <https://www.hellenicshippingnews.com/how-will-technology-shape-the-shipping-industry-in-2020/> The impact of technology on the shipping industry will grow in 2020, as companies increasingly introduce cloud-based software and apps in their businesses.

Debunking: the problem of ships using open-loop scrubbers. Varsha Saraogi. *Ship-technology.com*. 8 January 2020. Available from: <https://www.ship-technology.com/features/open-loop-scrubbers/> Uncertainty around the sustainability of open-loop scrubbers continues to escalate in the shipping industry ahead of the implementation of the IMO's sulphur cap in 2020.

IMCA provides guidance on hybrid-battery systems for DP vessels. Reza Yaghoobi. *Offshore Support Journal*. 8 January 2020. Available from: <https://bit.ly/38qHmJT> The race to achieve zero emissions has increased significantly recently in order to comply with the United Nations Framework Convention on Climate Change.

Class and authority approve industry-first remote control technology. Martyn Wingrove. *Maritime Optimisation & Communications*. 8 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/class-and-authority-approve-industry-first-remote-control-technology-57379> Classification society ABS and the US Coast Guard (USCG) have approved technology for wirelessly controlling propulsion, auxiliaries and deck machinery on tugboats.

ClassNK releases Guidelines for Automated/Autonomous Operation of ships. *ClassNK*. 9 January 2020. Available from: https://www.classnk.or.jp/hp/en/hp_news.aspx?id=4509&type=press_release&layout=1 Leading Classification Society ClassNK has released its "Guidelines for Automated/Autonomous Operation of ships ~Design development, Installation and Operation of Automated Operation Systems/Remote Operation Systems~".

Plug-in and sail: Meet the electric ferry pioneers. Adrienne Murray. *BBC News*. 14 January 2020. Available from: <https://www.bbc.co.uk/news/business-50233206> I'm aboard *Ellen*, an electric-powered ferry, sailing to the island of Ærø, in the west Baltic Sea.

BMW open for more green pilot tests in shipping. Søren Pico. *ShippingWatch*. 16 January 2020. Available from: <https://shippingwatch.com/secure/suppliers/article11879759.ece> Germany's BMW opens up to joining more pilot trials paving the way for new, greener fuels in shipping.

Pioneering Norwegian autonomous-ship project receives NOK 200 million in EU funding.

Kongsberg. 21 January 2020. Available from: <https://bit.ly/2HdhrsS> KONGSBERG is going to install and test autonomous technology on two vessels in different operational environments.

Coast Guard, Scripps partner for launch of Blue Technology Center of Expertise. *United States Coast Guard*.

23 January 2020. Available from:

<https://content.govdelivery.com/accounts/USDHSCG/bulletins/277c48e> 📧 Ribbon-cutting ceremony for Blue Technology Center of Expertise followed by a technology expo and cake-cutting reception.

Ship surveys made smarter. Claudia Ohlmeier. *ShipInsight*. 24 January 2020. Available from:

<https://shipinsight.com/articles/ship-surveys-made-smarter> In the push to modernise class services, DNV GL recently introduced two innovations that make ship surveys more efficient, flexible and safe: online-based remote surveys and thickness measurements carried out by drones.

Corvus Energy expects that "big ships" can sail on batteries in two or three years.

Mathias Blædel Lorenzen. *ShippingWatch*. 27 January 2020. Available from:

<https://shippingwatch.com/secure/suppliers/article11900567.ece> Battery producer Corvus Energy expects to have hybrid solutions ready for deep-sea vessels within two or three years, says CEO Geir Bjørkeli in an interview with ShippingWatch.

Artificial intelligence helps experts forecast icebergs. Sophie Armour. *Phys.org*.

28 January 2020. Available from: <https://phys.org/news/2020-01-artificial-intelligence-experts-icebergs.html> This year will see a relatively low number of icebergs drifting into busy shipping regions in the north-west Atlantic, according to a combination of control systems and artificial intelligence forecasting models developed by experts at the University of Sheffield.

Shipping company installs ballast water systems on two ships without docking.

Niklas Krigslund. *ShippingWatch*. 29 January 2020. Available from:

<https://shippingwatch.com/secure/carriers/article11905845.ece> UK-based shipping company Carisbrooke Shipping has installed ballast water management systems on two ships, without the ships needing to be docked.

The transition to autonomy must be handled sensitively. Richard Clayton. *Lloyd's List*.

29 January 2020. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1130818/The-transition-to-autonomy-must-be-handled-sensitively> The transition from fully manned ships to remotely controlled, then autonomous ships will be complex, messy and painful.

MARITIME EDUCATION & TRAINING

Panama Maritime Authority Begins The Programme 'My First Maritime Work Experience'.

Hellenic Shipping News. 10 January 2020. Available from:

<https://www.hellenicshippingnews.com/panama-maritime-authority-begins-the-programme-my-first-maritime-work-experience/> The Panama Maritime Authority (AMP), through the General Directorate of Seafarers (DGGM), began the program called "My First Maritime Work Experience", which is inspired by the project that recently became Law 121 of December 30, 2019, "Learn by Doing" (Aprender Haciendo) which is being carried out by the Government of President Nito Cortizo.

Virtual reality enables immersive training. Martyn Wingrove. *Maritime Optimisation & Communications*. 14 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/virtual-reality-enables-immersive-training-57458> Training providers are using digital technology to ensure seafarers have the skills they need to complete their work safely, reliably and effectively.

Bangladesh Marine Academy receives recognition from MNTB. *UK Chamber of Shipping*. 15 January 2020. Available from: <https://www.ukchamberofshipping.com/latest/bangladesh-marine-academy-receives-recognition-mntb/> The Merchant Navy Training Board has awarded the Bangladesh Marine Academy Centre Recognition as its bid to raise global maritime training standards takes hold.

Seychelles Maritime Academy renews agreement with Sri Lankan nautical college. Patsy Athanase. *Seychelles News Agency*. 16 January 2020. Available from: <http://www.seychellesnewsagency.com/articles/12265> The Colombo International Nautical and Engineering College (CINEC) will continue to manage Seychelles Maritime Academy (SMA) following the renewal of an agreement on Tuesday.

Wärtsilä LNG Bunkering & Fuel Supply System Simulator launched to raise training levels. *Wärtsilä Corporation*. 21 January 2020. Available from: <https://bit.ly/2H7PqmH> The simulator will promote greater safety onboard LNG fuelled vessels by improving the level of training for operators of LNG systems.

Government approves model pact with foreign countries for seafarers' competency certificate. *New Indian Express*. 22 January 2020. Available from: <https://www.newindianexpress.com/business/2020/jan/22/government-approves-model-pact-with-foreign-countries-for-seafarers-competency-certificate-2093032.html> The pact will pave the way for mutual recognition of maritime education and training of seafarers by the countries involved.

Third generation mariner to turbocharge the future of Maritime's brightest talent; New Maritime Skills Commission to develop skills in the sector. Nusrat Ghani MP. *UK Government*. 24 January 2020. Available from: <https://www.gov.uk/government/news/third-generation-mariner-to-turbocharge-the-future-of-maritimes-brightest-talent> A third-generation mariner has been appointed chair of a new skills commission, Maritime Minister Nusrat Ghani has announced today (24 January 2020) during her visit to the Port of Tilbury.

MARITIME SAFETY

#LashingIsDockersWork: ITF Dockers' Clause comes into force. *International Transport Workers' Federation (ITF)*. 1 January 2020. Available from: <https://www.itfseafarers.org/en/news/lashingisdockerswork-itf-dockers-clause-comes-force> The ITF "Dockers' Clause" comes into force in Canada and Europe today.

New DNV GL joint industry report offers recommendations for enhanced battery safety on vessels. *DNV GL*. 7 January 2020. Available from: <https://www.dnvgl.com/news/new-dnv-gl-joint-industry-report-offers-recommendations-for-enhanced-battery-safety-on-vessels--164738> In collaboration with the Norwegian, Danish and US maritime authorities, battery manufacturers, system integrators, suppliers of fire extinguishing systems, shipyards and shipowners, DNV GL has released a new report on battery safety in ships.

S. Korea to revamp safety policies on deep-sea fishing boats. Kang Yoon-seung. *Yonhap News Agency (South Korea)*. 9 January 2020. Available from: <https://en.yna.co.kr/view/AEN20200109003400320> South Korea said Thursday it will revamp safety guidelines for deep-sea fishing boats and their crewmen to improve their working environment and better meet international regulations.

2021 smart guidelines face criticism. *Safety4Sea*. 9 January 2020. Available from: <https://safety4sea.com/2021-smart-guidelines-face-criticism/> In the January issue of *Be Cyber Aware at Sea*, Phish and Ships focuses on 2021 as a transitional year with new regulations coming into force, but with concerns being raised over the guidelines that “will be already out of date”.

Simplicity and safety concerns mark bulker carrier evolution. *The Motorship*. 9 January 2020. Available from: <https://www.motorship.com/news101/ships-and-shipyards/simplicity-and-safety-concerns-mark-bulker-carrier-evolution> Bulk carrier design has been traced back to the 1852 when the steam-powered coal carrier *John Bowes* went into service.

Iridium is now formally authorized to provide GMDSS service. *Iridium Communications Plc*. 13 January 2020. Available from: <http://investor.iridium.com/2020-01-13-Iridium-is-Now-Formally-Authorized-to-Provide-GMDSS-Service> Iridium Communications Inc. announced that on December 19, 2019 a Letter of Compliance was signed by the International Mobile Satellite Organization, stating it has positively verified the operational and technical requirements as requested by the Maritime Safety Committee of the International Maritime Organization for Iridium to provide Global Maritime Distress and Safety System (GMDSS) service.

The shipping industry to face recurring challenges in 2020 and a need to tackle misdeclared cargo, says iContainers. *Hellenic Shipping News*. 16 January 2020. Available from: <https://www.hellenicshippingnews.com/the-shipping-industry-to-face-recurring-challenges-in-2020-and-a-need-to-tackle-misdeclared-cargo-says-icontainers/> Online freight forwarder iContainers says 2019 was a year of uncertainty for the shipping industry, and that while certain sectors have seen improvements, the industry should remain alert for the challenges 2020 will bring.

Box ship fires demand ‘direct action’. Rebecca Moore. *Container Shipping & Trade*. 17 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/box-ship-fires-demand-Isquodirect-actionrsquo-57542> The fire fighting capabilities of container ships must be addressed as they have not kept pace with increasing vessel sizes, writes Viking Life-Saving Equipment product manager trade, Lasse Boesen.

Do you know how many types of lifeboats exist? *Safety4Sea*. 17 January 2020. Available from: <https://safety4sea.com/cm-do-you-know-how-many-types-of-lifeboats-exist/> Chances are that you have never boarded a lifeboat to date, except you are a seafarer who has performed lifeboat drills or someone who has found himself in the very unwelcome experience of a sinking ship.

Disabled passengers set for more accessible journeys at sea. Nusrat Ghani MP. *UK Government*. 22 January 2020. Available from: <https://www.gov.uk/government/news/disabled-passengers-set-for-more-accessible-journeys-at-sea> Journeys by sea for thousands of disabled passengers are to be improved thanks to the government issuing new guidance on improving accessibility to operators.

Ferry industry sets pace on critical solutions. Mike Corrigan. *MarineLink*. 22 January 2020. Available from: <https://www.marinelink.com/news/ferry-industry-sets-pace-critical-474893> Interferry CEO Mike Corrigan describes a distinctly upbeat period in the worldwide ferry community – and explains how the global trade association plans to take its support to far-reaching new levels.

Wan Hai joins fellow carriers to threaten heavy fines for misdeclared cargo. Mike Wackett. *The Loadstar*. 23 January 2020. Available from: <https://theloadstar.com/wan-hai-joins-fellow-carriers-to-threaten-heavy-fines-for-misdeclared-cargo/> Wan Hai has joined the ranks of many of its carrier peers, announcing it will fine shippers that intentionally misdeclare cargo contents.

Safety Bulletin 02/20: Safety of pilots boarding ships with pilot transfer arrangements that use non-approved methods to secure pilot ladders. *Tokyo MoU*. January 2020. Available from: <https://bit.ly/37aPe0h> Persistent reports received from pilots and pilot associations indicate that vessels are improperly securing their pilot ladders to the ship.

MARITIME SECURITY

Cyber security management system gets ClassNK approval. *Maritime Digitalisation & Communications*. 2 January 2020. Available from: <https://bit.ly/2UxBBFP> Classification Society ClassNK has certified the cyber security management system (CSMS) of NYK Group subsidiary NYK LNG Shipmanagement Ltd and its LNG carrier *Pacific*.

USCG and AMSC partner on cyber security amid Ryuk ransomware infection. *Maritime Digitalisation & Communications*. 2 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/coast-guard-and-maritime-bodies-in-new-york-and-new-jersey-collaborate-for-cyber-security-programme-57301> The US Coast Guard (USCG), and members of the Area Maritime Security Committee (AMSC) for the Port of New York and New Jersey have partnered to enhance maritime cyber security and port resilience.

57 crew kidnapped off West Africa in just one month. Sam Chambers. *Splash 247.com*. 2 January 2020. Available from: <https://splash247.com/57-crew-kidnapped-off-west-africa-in-just-one-month/> A total of 57 crew were kidnapped last month in and around the Gulf of Guinea, a similar figure to November with shipping now on high alert as the security situation in West Africa has spun out of control.

Kidnappings in Bay of Guinea likely for another couple of years. Tomas Kristiansen. *ShippingWatch*. 2 January 2020. Available from: <https://shippingwatch.com/secure/carriers/article11852364.ece> Pirate attacks, as was seen in December when crews of 20 were kidnapped, will likely continue another couple of years, warns Risk Intelligence in a new report put together for the tanker sector.

Shipping on alert as Iran vows revenge for deadly American drone strike. Sam Chambers. *Splash 247.com*. 3 January 2020. Available from: <https://splash247.com/shipping-on-alert-as-iran-vows-revenge-for-deadly-american-drone-strike/> Merchant shipping heading through Middle Eastern waters has been placed back on high alert over fears Iran may retaliate to American drone strikes earlier today that killed a top Iranian general.

Iranian retaliation for Soleimani could steer clear of shipping, for now. Matt Coyne. *TradeWinds*. 3 January 2020. Available from: <https://www.tradewindsnews.com/tankers/iranian-retaliation-for-soleimani-could-steer-clear-of-shipping-for-now/2-1-732069> According to security experts, the Islamic republic will look to strike back against the US after it killed Iranian Revolutionary Guard General Qassem Soleimani in an airstrike at Baghdad airport Friday — but shipping might not be the target when it does.

Shipowners call on vessels to exert caution in Strait of Hormuz. Tomas Kristiansen.

ShippingWatch. 3 January 2020. Available from:

<https://shippingwatch.com/secure/carriers/Tanker/article11855610.ece> The escalation of the conflict between the US and Iran underlines the fact that shipping companies must exert caution when sailing in the Strait of Hormuz, says Danish Shipping in a comment on the killing of Iranian Major General Qassem Soleimani.

Royal Navy vessels sent to protect shipping in Strait of Hormuz. *The Guardian*. 4 January 2020.

Available from: <https://www.theguardian.com/uk-news/2020/jan/04/royal-navy-vessels-sent-to-protect-shipping-in-strait-of-hormuz> The Royal Navy will accompany ships through the Strait of Hormuz amid soaring tensions in the Middle East, following the US's fatal drone strike on Iran's top general.

Iranian tanker attacks said to be thwarted by US cyber efforts. Matt Coyne. *TradeWinds*.

6 January 2020. Available from: <https://www.tradewindsnews.com/tankers/iranian-tanker-attacks-said-to-be-thwarted-by-us-cyber-efforts/2-1-732853> A US cyber attack purportedly prevented Iran from attacking more tankers in the Middle East Gulf earlier this year.

Insurance war committee meets as Gulf tensions rise. Ada Corbett. *TradeWinds*.

7 January 2020. Available from: <https://www.tradewindsnews.com/insurance/insurance-war-committee-meets-as-gulf-tensions-rise/2-1-733553> The Joint War Committee (JWC), which represents Lloyd's of London and company market war-risk underwriters, met on Tuesday to discuss the security situation in the Middle East Gulf following the death of Iranian general Qassem Soleimani.

MARAD Renews Warning of Risks to U.S. Ships in Strait of Hormuz. *Maritime Executive*.

7 January 2020. Available from: <https://www.maritime-executive.com/article/marad-renews-warning-of-risks-to-u-s-ships-in-strait-of-hormuz> As tensions between the U.S. and Iran rise, the U.S. Maritime Administration has renewed its warning to American shipping about the potential risks of operation in the Gulf of Oman and Strait of Hormuz.

Qasem Soleimani: UK puts ships and helicopters on standby in Gulf. *BBC News*.

8 January 2020. Available from: <https://www.bbc.co.uk/news/uk-politics-51027874> The UK has put the Royal Navy and military helicopters on standby amid rising tensions in the Middle East, Defence Secretary Ben Wallace has said.

Shipowners may avoid Persian Gulf; war risk premia spike. Sameer Mohindru and

Angeline Cheon. *S&P Global Platts*. 8 January 2020. Available from:

<https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/010820-shipowners-may-avoid-persian-gulf-war-risk-premia-spikes> The cost to deliver commodities is set to rise as additional war risk premia on merchant ships in the Middle East has shot up significantly this week, while security concerns are prompting some shipowners to temporarily steer clear of the Persian Gulf, market participants said Wednesday.

Maritime Security Communications with Industry (MSCI) Notice on the threat to commercial vessels from Iran and its proxies: Guidance generally as to shipboard vigilance.

The American Club. 8 January 2020. Available from: <https://bit.ly/2w5YC8R> On January 6, 2020, the MSCI issued an Alert, 2020-001B-Persian Gulf, Strait of Hormuz, Gulf of Oman, Arabian Sea, Red Sea, Gulf of Aden, and Indian Ocean-Threat to Commercial Vessels from Iran and its Proxies.

NT Wing Maritime Security Circular No. 01 of 2020 : Sub: Maritime Security Advisory for vessels operating in the Persian Gulf, Strait of Hormuz and Gulf of Oman regions - reg.

Government of India. 8 January 2020. Available from:

https://dgshipping.gov.in/WriteReadData/News/202001080429170017749NT_Cir_01of2020.pdf

Due to recent incident in the Persian Gulf region, there is a possibility of escalation in conflict that could affect shipping not only in the Persian Gulf region but also the Strait of Hormuz, Gulf of Oman and other adjoining regions.

Armed men plant cocaine after boarding Zeaborn boxship. Gary Dixon. *TradeWinds*.

9 January 2020. Available from: <https://www.tradewindsnews.com/containerships/armed-men-plant-cocaine-after-boarding-zeaborn-boxship/2-1-734767> Two armed men stashed drugs on a Zeaborn Ship Management-operated boxship while it was underway off Ecuador.

Iran says no need for naval escorts of foreign vessels. Gary Dixon. *TradeWinds*.

10 January 2020. Available from: <https://www.tradewindsnews.com/tankers/iran-says-no-need-for-naval-escorts-of-foreign-vessels/2-1-735569> Iran has reassured foreign shipowners it is open for business and no overseas naval escorts are needed in its waters, which it called "the safest in the world".

Ambrey Risk: What you need to know when transiting the Strait of Hormuz. *Splash 247.com*.

10 January 2020. Available from: <https://splash247.com/ambrey-risk-what-you-need-to-know-when-transiting-the-strait-of-hormuz/> With tanker rates sky high there has been little cut back in traffic along the Strait of Hormuz this past week (see tweet below) despite the sudden rise in tensions between Iran and the US.

Why U.S.-Iran Feud Keeps Focus on Strait of Hormuz. Grant Smith, Julian Lee and Javier Blas.

Bloomberg. 10 January 2020. Available from: <https://www.bloomberg.com/news/articles/2020-01-10/why-u-s-iran-feud-keeps-focus-on-strait-of-hormuz> The Strait of Hormuz is once again a center of global tensions.

Danish authorities raise security level for ships in Strait of Hormuz. *ShippingWatch*.

10 January 2020. Available from:

<https://shippingwatch.com/secure/carriers/Tanker/article11869940.ece> Danish authorities raise the security level for Danish ships operating in the Strait of Hormuz near Iran, the country's defense ministry tells Ritzau.

Australian warship HMAS Toowoomba heads to Iran as part of Operation Manitou.

Andrew Greene. *ABC (Australia)*. 12 January 2020. Available from:

<https://www.abc.net.au/news/2020-01-13/australian-warship-heads-to-iran/11861546> Almost 200 Australian sailors are bracing for confrontation with Iranian vessels as their warship sets sail today for a maritime security mission in one of the world's most treacherous waterways.

Clean tankers hedge their bets in face of Hormuz uncertainty. Dale Wainwright. *TradeWinds*.

13 January 2020. Available from: <https://www.tradewindsnews.com/tankers/clean-tankers-hedge-their-bets-in-face-of-hormuz-uncertainty/2-1-736382> Several clean tankers look to be hedging their bets in the Middle East in the face of the growing risk of transiting the Strait of Hormuz.

Are foreign ships secure in Iran? Laxman Pai. *MarineLink*. 13 January 2020. Available from:

<https://www.marinelink.com/news/foreign-ships-secure-iran-474579> Mohammad Rastad, Iran's Deputy Minister of Roads and Urban Development said that foreign trade ships that transport goods to Iran can be confident that there will be no problem for their movement and there is no obstacle for their arrival in the country.

MSCI Advisory 2020-001-Persian Gulf, Strait of Hormuz, Gulf of Oman, Arabian Sea, Red Sea, Gulf of Aden, and Indian Ocean-Threats to Commercial Vessels by Iran and its Proxies.

US Maritime Administration (MARAD). 13 January 2020. Available from:

<https://www.maritime.dot.gov/content/2020-001-persian-gulf-strait-hormuz-gulf-oman-arabian-sea-red-sea-gulf-aden-and-indian-ocean> Multiple maritime threats have been reported in the geographic areas described above.

How IMO addresses cyber risk: An overview. *Safety4Sea*. 14 January 2020. Available from:

<https://safety4sea.com/cm-how-imo-addresses-cyber-risk-an-overview/> The era of digitalization and rapid development of technologies in the maritime sector has called for immediate action, for the protection of the seafarers and the whole industry, which led IMO to issue and implement a series of regulations and guidelines on cyber risk management, with, last but not least, the adoption of the Resolution MSC.428(98).

End of support for Windows 7 could be cyber risk. Malcolm Latache. *ShipInsight*.

14 January 2020. Available from: <https://shipinsight.com/articles/end-of-support-for-windows-7-could-be-cyber-risk> Windows is the most popular operating system for computers and until Windows 10 was introduced in July 2015, the majority of new computers sold would use Windows 7.

MSCI Advisory 2020-002-Gulf of Guinea-Piracy/Armed Robbery/Kidnapping for Ransom.

US Maritime Administration (MARAD). 14 January 2020. Available from:

<https://www.maritime.dot.gov/content/2020-002-gulf-guinea-piracyarmed-robberykidnapping-ransom> Piracy/Armed Robbery/Kidnapping for Ransom continues to serve as a significant threat to U.S. flagged operators with vessels transiting or operating in the Gulf of Guinea (GoG).

Eighty-two Incidents of piracy and armed robbery against ships in Asia reported to ReCAAP Information Sharing Centre in 2019. *ReCAAP*. 15 January 2020. Available from:

www.recaap.org/resources/ck/files/news/2020/Nautical_Forum_2020_News_Release_FINAL.pdf ReCAAP Information Sharing Centre (ISC) today released its Annual Report 2019 (January to December 2019). [Piracy and Armed Robbery against Ships in Asia: Annual Report Jan-Dec 2019](#)

S. Korea's options on Hormuz strait appear shortlisted. *Yonhap News Agency (South Korea)*.

18 January 2020. Available from: <https://en.yna.co.kr/view/AEN20200117009100315> The South Korean government has yet to complete a review of options on how to contribute to security in the Strait of Hormuz, a Cheong Wa Dae official said Saturday amid reports that a final decision on whether to send troops there may be imminent.

European Maritime Awareness in the SoH (EMASOH): political statement by the governments of Belgium, Denmark, France, Germany, Greece, Italy, the Netherlands, and Portugal (20 January 2020). *Government of France*. 20 January 2020. Available from:

<https://www.diplomatie.gouv.fr/en/french-foreign-policy/european-union/news/article/european-maritime-awareness-in-the-soh-emasoh-political-statement-by-the> Rising insecurity and instability have been witnessed in the Gulf and the Strait of Hormuz in 2019 with multiple maritime and non-maritime incidents as a result of growing regional tensions.

S. Korea to send troops to Hormuz Strait independently to safeguard people, vessels.

Yonhap News Agency (South Korea). 21 January 2020. Available from:

<https://en.yna.co.kr/view/AEN20200121004200325> South Korea will dispatch troops to the Strait of Hormuz by expanding operational areas of its anti-piracy unit deployed nearby to help protect the strategic waterway, the defense ministry announced Tuesday.

BIMCO issues update on Persian Gulf tensions and sanctions clauses. Nina Stuhmann. *BIMCO*. 21 January 2020. Available from: <https://www.bimco.org/news/priority-news/20200121-update-pg-and-sanctions-clauses> The killing of Iranian General Soleimani constituted a significant escalation of an already tense situation between US and Iran.

U.S. Contributes to Gulf of Guinea Maritime Security. *United States Embassy in Cameroon*. 21 January 2020. Available from: <https://cm.usembassy.gov/press-release-u-s-cameroonian-military-cooperation-broadens-and-matures/> Starting in January 2020, the United States began its one-year secretariat of the G7++ Friends of Gulf of Guinea Group, with Gabon serving as co-secretariat.

Dryad Global's annual in-depth analysis of world-wide maritime security incidents, geo-political risk factors and industry trends to watch in 2020. *Hellenic Shipping News*. 22 January 2020. Available from: <https://bit.ly/31HKyOt> In summary, our report controversially suggests that the significant security costs for transits in the Indian Ocean and through the Red Sea are no longer justified.

Insurer Marsh sees demand spike for political violence cover in the Gulf. Davide Barbuscia. *Reuters*. 22 January 2020. Available from: <https://reut.rs/31As8PJ> Marsh, one of the world's largest insurance brokers and risk advisers, has seen a spike in clients' enquiries for political violence cover in the Gulf after attacks on tankers and oil installations rattled the region last year, an executive said.

Cocaine found hidden among shrimps before Maersk loading. Gary Dixon. *TradeWinds*. 27 January 2020. Available from: <https://www.tradewindsnews.com/containerships/cocaine-found-hidden-among-shrimps-before-maersk-loading/2-1-745105> Ecuadorian police have prevented blocks of cocaine being loaded on to a Maersk boxship.

Ghana wants more investment to improve maritime security. *Safety4Sea*. 29 January 2020. Available from: <https://safety4sea.com/ghana-wants-more-investment-to-improve-maritime-security/> Experts from Ghana's Maritime Security sector urged for more investment towards enhancing maritime security, in order to protect Ghana's territorial waters, after the rise in maritime security threats across the West African sub-region.

British Officer takes command of Gulf maritime security mission. *UK Government*. 30 January 2020. Available from: <https://www.gov.uk/government/news/british-officer-takes-command-of-gulf-maritime-security-mission> A Royal Navy officer has formally taken command of the international mission to reassure commercial shipping in the Gulf region.

MIGRANTS

IOM: Mediterranean Arrivals Reach 110,699 in 2019; Deaths Reach 1,283. World Deaths Fall. *International Organization for Migration (IOM)*. 3 January 2020. Available from: <https://www.iom.int/news/iom-mediterranean-arrivals-reach-110699-2019-deaths-reach-1283-world-deaths-fall> The International Organization for Migration reported today 110,699 migrants and refugees entered Europe by sea during the year just ended, marking the sixth straight year that at least 100,000 arrivals were recorded on three Mediterranean Sea Routes.

Migrant crisis: Eight children die as boat sinks off Turkey. *BBC News*. 12 January 2020. Available from: <https://www.bbc.co.uk/news/world-europe-51081865> Eight children were among the 11 migrants who drowned when their boat sank off Turkey's western coast, state media report.

Refugees trapped in Libya: Nowhere to go but the sea. Natasha Lewer. *Medecins Sans Frontieres (MSF)*. 15 January 2020. Available from: <https://www.msf.org/mediterranean-escape-route-migrants-and-refugees-trapped-libya> Escalating conflict and insecurity in Libya are leading thousands of people to flee, taking their chances on unseaworthy boats across the Mediterranean.

English Channel migrants boats using 'surge tactics'. Colin Campbell. *BBC News*. 20 January 2020. Available from: <https://www.bbc.co.uk/news/av/uk-england-kent-51152601/english-channel-migrants-boats-using-surge-tactics> Migrants trying to reach the UK from France via boats are using "surge tactics" to increase their chances of getting past patrols, the National Crime Agency said.

Migrant boat sinks trying to reach UK from Belgium. *BBC News*. 21 January 2020. Available from: <https://www.bbc.co.uk/news/uk-england-kent-51192559> A group of 14 swam back to shore when their small vessel sank off the coast of the town of De Panne.

Seven migrants detected in Channel by Border Force in Dover. Eleanor Perkins. *Kent Online (UK)*. 23 January 2020. Available from: <https://www.kentonline.co.uk/dover/news/seven-migrants-detected-in-channel-220768/> Seven migrants presenting themselves as Syrian nationals were picked up in English waters this morning.

Ocean Viking is seeking a safe port for 223 migrants rescued from the Mediterranean. *Euronews*. 26 January 2020. Available from: <https://www.euronews.com/2020/01/26/ocean-viking-is-seeking-a-safe-port-for-223-migrants-rescued-from-the-mediterranean> A humanitarian ship that rescued 223 migrants - including pregnant women and children - in the Mediterranean was waiting for a safe port to disembark on Sunday.

Armed Forces rescue 142 migrants at sea. Sarah Carabott. *Times of Malta*. 27 January 2020. Available from: <https://timesofmalta.com/articles/view/afm-rescues-47-migrants.766390> Nearly 150 people were rescued from the sea and brought to Malta in less than 24 hours.

Mediterranean Migrant Arrivals Reach 4,432 in 2020; Deaths Reach 68. Focus on Greece. *International Organization for Migration (IOM)*. 28 January 2020. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-4432-2020-deaths-reach-68-focus-greece> IOM reports that 4,432 migrants and refugees have entered Europe by sea almost four weeks into the new year, down from the 5,266 arriving during the same period last year.

Italy allows migrant rescue boat to dock after days stranded at sea. Angelo Amante. *Reuters*. 28 January 2020. Available from: <https://reut.rs/2OBRaIT> A charity ship carrying hundreds of people rescued in the Mediterranean said on Tuesday it had received permission to dock in Italy as European governments tried to agree where the migrants should go.

Are Turkish ships working with the Libyan coastguard in the central Mediterranean? Emma Wallis. *InfoMigrants*. 30 January 2020. Available from: <https://www.infomigrants.net/en/post/22457/are-turkish-ships-working-with-the-libyan-coastguard-in-the-central-mediterranean> The rescue organization Sea-Watch says Turkey has breached human rights by handing over a group of 30 migrants to the Libyan Coast Guard in the Mediterranean.

NAVIGATION & COMMUNICATIONS

Climate change offers 'invitation to explore the Arctic' as marine traffic hits unprecedented levels. Gabriel Friedman. *Financial Post (Canada)*. 2 January 2020. Available from:

<https://business.financialpost.com/commodities/mining/climate-change-offers-invitation-to-explore-the-arctic-as-marine-traffic-hits-unprecedented-levels> The number of boats voyaging through the Canadian Arctic reached a new high in 2019 as ice coverage in the eastern part of that region shrank to a new low, according to preliminary federal statistics.

Japanese shipper MOL issues new safety advisory for Strait of Hormuz transit.

Takeo Kumagai. *S&P Global Platts*. 6 January 2020. Available from:

<https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/010620-japanese-shipper-mol-issues-new-safety-advisory-for-strait-of-hormuz-transit> Japan's Mitsui O.S.K. Lines, one of the country's largest shipowners, issued a new safety advisory for its vessels transiting the Strait of Hormuz, the key chokepoint for oil and gas ships traversing the Persian Gulf, amid heightened tensions between the US and Iran.

How the world's most important oil chokepoint could factor into escalating US-Iran tensions.

Sam Meredith. *CNBC (US)*. 6 January 2020. Available from: <https://www.cnbc.com/2020/01/06/oil-prices-how-the-strait-of-hormuz-may-factor-into-us-iran-tensions.html> A critical gateway to the world's oil industry has been thrust back into the global spotlight, following a dramatic escalation in geopolitical tensions since the targeted killing of a top Iranian general.

Clarksons: The Strait of Hormuz could close. Niklas Krigslund. *ShippingWatch*. 7 January 2020.

Available from: <https://shippingwatch.com/secure/carriers/Tanker/article11860551.ece> The Strait of Hormuz could close as a result of the conflict between the US and Iran, which has flared up following the killing of a high-ranking Iranian general, assesses Clarksons Platou.

Northern Sea Route: From Speculations to Reality by 2035. Alexandra Middleton. *High North News (Norway)*. 7 January 2020.

Available from: <https://www.highnorthnews.com/en/northern-sea-route-speculations-reality-2035> The Northern Sea Route received its share of bad publicity in 2019 when it became a target of big logistics companies and brands that publicly declared their intentions not to use it.

New Wave of Companies Pledge Not to Ship Through Arctic Ocean. Daniel Hubbell. *Ocean Conservancy*. 7 January 2020.

Available from: <https://oceanconservancy.org/blog/2020/01/07/new-wave-companies-pledge-not-ship-arctic-ocean/> Eight more companies agreed this week not to ship goods through the Arctic Ocean and signed the Arctic Corporate Shipping Pledge launched by Ocean Conservancy and Nike in October 2019.

VLCC owners braving Strait of Hormuz as tensions simmer. Lucy Hine. *TradeWinds*.

8 January 2020. Available from: <https://www.tradewindsnews.com/tankers/vlcc-owners-braving-strait-of-hormuz-as-tensions-simmer/2-1-734165> Shipowners with VLCC tonnage are monitoring the situation in the Strait of Hormuz in light of the escalated tensions between Iran and the US but have not yet opted to avoid sending their vessels to the region, brokers said.

Russia releases massive official plans for the Northern Sea Route. Charles Digges.

Bellona Foundation. 9 January 2020. Available from: <https://bellona.org/news/arctic/2020-01-russia-releases-massive-official-plans-for-the-northern-sea-route> The Russian government has published a massive new plan outlining its intentions for the Northern Sea Route, the icy shipping artery joining Europe and Asia, offering its most comprehensive vision yet of how it will harness the perceived economic benefits of the Arctic.

NOAA teams with Ocean Infinity to advance new tools for ocean exploration and mapping. *US National Oceanic and Atmospheric Administration (NOAA)*. 9 January 2020. Available from: <https://www.noaa.gov/media-release/noaa-teams-with-ocean-infinity-to-advance-new-tools-for-ocean-exploration-and-mapping> NOAA's Office of Ocean Exploration and Research and the ocean data and technology company Ocean Infinity have announced a new agreement to develop deep-water autonomous technologies that can gather ultra-high-resolution ocean information.

Maxim Kulinko: "First-ever phase-by-phase approach applied to ensure year-round navigation on the Northern Sea Route". Vitaly Chernov. *Port News*. 10 January 2020. Available from: <http://en.portnews.ru/comments/2771/> In his interview with IAA PortNews, Maxim Kulinko, Deputy Head of the Northern Sea Route Directorate – Head of Rosatom's Department for Development of NSR and Coastal Territories, tells about the newly approved Northern Sea Route Infrastructure Development Plan, Arctic logistics, dredging and prospects of alternative fuels in the Arctic.

Moves to reduce tensions along Middle East shipping lanes. Eric Watkins. *Lloyd's List*. 12 January 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1130617> US Secretary of State Mike Pompeo expressed outrage via Twitter on Sunday after a volley of rockets slammed into an Iraqi airbase north of Baghdad where US forces have been based.

Sulfur rules generate differing ship speeds. Søren Pico. *ShippingWatch*. 14 January 2020. Available from: <https://shippingwatch.com/secure/carriers/article11874046.ece> It is not only in fuel expenses that the new sulfur regulations have created a gap from the start of this year between ships sailing on low-sulfur fuels and those that have been equipped with scrubbers so they can continue burning oil with higher sulfur content.

Arctic shipping boycott gains support among big businesses, but not all are happy. Thomas Nilsen. *Independent Barents Observer (Norway)*. 14 January 2020. Available from: <https://thebarentsobserver.com/en/arctic/2020/01/avoiding-arctic-sea-routes-might-be-good-intention-isnt-solving-problem> Three of the world's top five shipping companies and a growing number of consumer goods producers have promised to stay away from Arctic trans-shipment routes.

Captain Matt Lynch interviewed on BBC News about *Stena Estrid's* maiden voyage during storm Brendan. *Stena Line*. 14 January 2020. Available from: <https://www.youtube.com/watch?v=7uAx8PVw24o> Our Captain Matt Lynch being interviewed on BBC News talking about *Stena Estrid's* maiden voyage during storm Brendan.

***Stena Estrid*: Captain highlights difficulties faced during storm Brendan.** *Safety4Sea*. 15 January 2020. Available from: <https://safety4sea.com/stena-estrid-captain-highlights-difficulties-faced-during-storm-brendan/> Captain Lynch said that the weather conditions were very severe for the last couple of days so departure from Hollyhead had to be timed to ensure that "were able to make an arrival straight into Dublin" when the worst of the weather conditions were expected.

Owners upgrade to HTS connectivity for seafarer communications. Martyn Wingrove. *Maritime Optimisation & Communications*. 16 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/owners-upgrade-to-hts-connectivity-for-seafarer-communications-57513> Higher bandwidth provided by high throughput satellites (HTS) delivers more capacity to vessels for crew welfare packages including email, video, television and social media access.

Watch: Shipping through e-navigation. *Safety4Sea*. 21 January 2020. Available from: <https://safety4sea.com/watch-shipping-through-e-navigation/> The Maritime and Port Authority of Singapore published a video providing information on how e-navigation enables safe, secure, efficient and sustainable shipping in the global maritime community, presenting the "Digital Trader" vessel sailing from Norway to Singapore.

Canal Istanbul: Choppy waters for Turkey's latest megaproject. Sinan Ulgen. *gCaptain*. 21 January 2020. Available from: <https://gcaptain.com/canal-istanbul-choppy-waters-for-turkeys-latest-megaproject> Could a new infrastructure project shape the future of Turkish politics?

Mysterious GPS outages are wracking the shipping industry. Katherine Dunn. *Fortune*. 22 January 2020. Available from: <https://fortune.com/longform/gps-outages-maritime-shipping-industry/> For the global maritime shipping industry, spotty satellite navigation is a disaster waiting to happen.

KVH Launches KVH Link, New Digital Content Service for Seafarers and Commercial Fleets. *KVH Industries*. 22 January 2020. Available from: <http://ir.kvh.com/news-releases/news-release-details/kvh-launches-kvh-link-new-digital-content-service-seafarers-and> KVH Industries, Inc., (Nasdaq: KVHI), announced today that it has launched KVH Link, a new digital content service that addresses two pressing needs in commercial maritime: News and entertainment content to improve crew wellbeing and operations data to optimize vessel performance.

Updates keep ECDIS secure. Martyn Wingrove. *Maritime Optimisation & Communications*. 23 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/updates-keep-ecdis-secure-57633> ECDIS is increasingly vulnerable to malware and hackers as more ECDIS units on ships are linked to the ship's communications for online chart updates.

Albatrosses outfitted with GPS trackers detect illegal fishing vessels. Katherine J. Wu. *Smithsonian Magazine*. 27 January 2020. Available from: <https://www.smithsonianmag.com/science-nature/albatrosses-outfitted-with-gps-detect-illegal-fishing-vessels-180974054/> No creature knows the sea quite like the albatross.

U.S. Navy sails warship near disputed islands in South China Sea for first time in 2020. Jesse Johnson. *Japan Times*. 28 January 2020. Available from: <https://www.japantimes.co.jp/news/2020/01/28/asia-pacific/us-navy-warship-disputed-islands-south-china-sea-first-2020> The U.S. Navy said Tuesday that it had sailed a warship near the contested Spratly Islands in the South China Sea — home to fortified islands built by China — on Saturday, in what was believed to be its first freedom of navigation operation (FONOP) of 2020.

Greece wants floating fence to keep migrants out. Renee Maltezou. *Reuters*. 30 January 2020. Available from: <https://reut.rs/39fmHlr> Greece wants to install a floating barrier in the Aegean Sea to deter migrants arriving at its islands' shores through Turkey, government officials said on Thursday.

Rules of the Road: Trackers play crucial role in emergencies. Jake DesVergers. *The Triton*. 30 January 2020. Available from: <https://www.the-triton.com/2020/01/rules-of-the-road-trackers-play-crucial-role-in-emergencies/> During a recent accident investigation, a vessel was lost at sea in poor weather conditions.

PIRACY

The unending petro-piracy in shipping routes. Sonny Atumah. *Vanguard (Nigeria)*.

4 January 2020. Available from: <https://www.vanguardngr.com/2020/01/the-unending-petro-piracy-in-shipping-routes-2/> The story of piracy and pirates is an age long one. Piracy has occurred throughout history and has been well documented.

Three seafarers kidnapped, four security personnel killed, in Nigerian pirate attack.

Marcus Hand. *Seatrade Maritime News*. 6 January 2020. Available from: <https://bit.ly/3blizss> Pirates have kidnapped three seafarers and killed four security personnel onboard a dredger off Forcados terminal in Nigeria.

Piracy spike in the Gulf of Guinea sparks fears over safety of crew. Adam Corbett. *TradeWinds*.

6 January 2020. Available from: <https://www.tradewindsnews.com/casualties/piracy-spike-in-the-gulf-of-guinea-sparks-fears-over-safety-of-crew/2-1-731608> A spate of crew kidnappings in the Gulf of Guinea in recent months has raised questions over what can be done to protect seafarers in the region dubbed shipping's most dangerous waters.

Piracy incidents rise in Singapore Strait. *GARD*. 6 January 2020. Available from:

<http://www.gard.no/web/updates/content/28972430/piracy-incidents-rise-in-singapore-strait> Ships transiting the Singapore Strait should remain vigilant and maintain an adequate anti-piracy watch as the number of incidents of piracy and armed robbery against ships in the Strait jumped nearly fourfold during 2019.

West Africa grapples with piracy in Gulf of Guinea hotspot. *Seychelles News Agency*.

6 January 2020. Available from:

<http://www.seychellesnewsagency.com/articles/12214/West+Africa+grapples+with+piracy+in+Gulf+of+Guinea+hotspot> A Nigerian navy speedboat loaded with special forces troops skims across the waves towards a suspect vessel in the Gulf of Guinea.

Master killed as more West Africa pirate attacks emerge. Gary Dixon. *TradeWinds*.

7 January 2020. Available from: <https://www.tradewindsnews.com/casualties/master-killed-as-more-west-africa-pirate-attacks-emerge/2-1-732960> News of two more pirate raids on merchant vessels has emerged in the Gulf of Guinea as violence continues to escalate in the region.

PIRACY IN GULF OF GUINEA: Significant drop in the Gulf of Guinea imminent — Peterside.

Vanguard (Nigeria). 8 January 2020. Available from: <https://www.vanguardngr.com/2020/01/piracy-in-gulf-of-guineasignificant-drop-in-the-gulf-of-guinea-imminent-peterside/> The issue of piracy in the Gulf of Guinea which is predominantly Nigerian maritime sphere has been on global radar for a long time now.

Renewed pirates attacks raise fresh concerns on cost of shipping. Sulaimon Salau.

Guardian (Nigeria). 8 January 2020. Available from: <https://guardian.ng/business-services/maritime/renewed-pirates-attacks-raise-fresh-concerns-on-cost-of-shipping/> There are concerns that the cost of doing business in Nigeria and other nations in the Gulf of Guinea might shot up, going by the renewed threat of maritime piracy.

West Africa grapples with piracy in Gulf of Guinea hotspot. *Hellenic Shipping News*.

9 January 2020. Available from: <https://www.hellenicshippingnews.com/west-africa-grapples-with-piracy-in-gulf-of-guinea-hotspot/> A Nigerian navy speedboat loaded with special forces troops skims across the waves towards a suspect vessel in the Gulf of Guinea.

It's embarrassing Nigeria has become haven for piracy — NIMASA. *Ships & Ports.*

13 January 2020. Available from: <https://shipsandports.com.ng/its-embarrassing-nigeria-has-become-haven-for-piracy-nimasa/> The Director General, Nigerian Maritime Administration and Safety Agency (NIMASA), Dakuku Peterside, has described as embarrassing pirate attacks on Nigeria's territorial waters.

Unprecedented number of crew kidnappings in the Gulf of Guinea despite drop in overall global numbers. *ICC International Maritime Bureau (IMB).* 13 January 2020. Available from: <https://www.icc-ccs.org/index.php/1286-unprecedented-number-of-crew-kidnappings-in-the-gulf-of-guinea-despite-drop-in-overall-global-numbers> Despite overall piracy incidents declining in 2019, there was an alarming increase in crew kidnappings across the Gulf of Guinea, according to the International Chamber of Commerce's International Maritime Bureau's (IMB) annual piracy report.

Fed Govt loses over \$7b yearly to piracy. *Oluwakemi Dauda. The Nation (Nigeria).*

14 January 2020. Available from: <https://thenationonlineng.net/fed-govt-loses-over-7b-yearly-to-piracy/> The Federal Government loses over \$7 billion on freight cost yearly to criminal activities on the nation's territorial waters, the former President, Association of Nigerian Licensed Customs Agents (ANLCA), Prince Olayiwola Shittu, has said.

Eight pirates try to board Mediterranean Shipping Co boxship off Togo. *Gary Dixon.*

TradeWinds. 14 January 2020. Available from: <https://www.tradewindsnews.com/containerships/eight-pirates-try-to-board-mediterranean-shipping-co-boxship-off-togo/2-1-737159> Navy thwarts latest piracy attempt on vessel in West Africa as threat continues.

PORT STATE CONTROL

French Navy Boards Bulker After Spotting "Dangerous" Maneuvers. *Maritime Executive.*

2 January 2020. Available from: <https://www.maritime-executive.com/article/french-navy-boards-bulker-after-spotting-dangerous-maneuvers> On Wednesday morning, the Regional Operational Center for Surveillance and Rescue (CROSS) Gris-Nez detected allegedly "erratic" movements from the bulk carrier Moezelborg southwest of Boulogne.

Foreign flagged ships detained in the UK during December 2019. *UK Maritime & Coastguard Agency.* 14 January 2020. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-december-2019> The Maritime and Coastguard Agency (MCA) announced today that seven foreign flagged ships remained under detention in UK ports during December 2019 after failing port state control (PSC) inspection.

Prohibition on the carriage of non-compliant fuel. *Paris MoU on Port State Control.*

20 January 2020. Available from: <https://www.parismou.org/prohibition-carriage-non-compliant-fuel> The Tokyo and Paris Memoranda of Understanding (MoUs) on port State control (PSC) have been working collaboratively to ensure that vessel owners and operators are aware that under the Authorities belonging to these MoUs, inspections will be undertaken to ensure compliance with the new sulphur limit requirements on marine fuel oil, from 1 January 2020.

Port State Control ensuring compliance with international maritime standards.

Peta-Gay Hodges. *Jamaica Information Service*. 21 January 2020. Available from: <https://jis.gov.jm/features/port-state-control-ensuring-compliance-with-international-maritime-standards/> Port State Control will have an important role to play in ensuring compliance by ships to the International Maritime Organization (IMO) regulations for the 2020 Global Sulphur Limit, which came into effect on January 1.

Tokyo MoU: Risks of improperly rigged pilot ladders. *Safety4Sea*. 23 January 2020.

Available from: <https://safety4sea.com/tokyo-mou-risks-of-improperly-rigged-pilot-ladders/> Tokyo MoU issued a Safety Bulletin to inform of the potential risks of using improperly rigged pilot ladders.

PORTS & HARBOURS

Commentary: Drone use by ports to increase in 2020. Ben Thrower. *Freight Waves*.

6 January 2020. Available from: <https://www.freightwaves.com/news/commentary-drone-use-by-ports-to-increase-in-2020> Until the advent of drones, helicopters were the only option for aerial tasks that required remaining stationary in midair or called for low-flying flexibility not offered by airplanes.

Beyond ports : IMO Secretary General Kitack Lim to address attendees of the IAPH 2020 World Ports Conference in Antwerp in March. *Hellenic Shipping News*. 7 January 2020. Available

from: <https://www.hellenicshippingnews.com/beyond-ports-imo-secretary-general-kitack-lim-to-address-attendees-of-the-iaph-2020-world-ports-conference-in-antwerp-in-march/> Collaboration between ports and shipping to shape the main debates at #IAPH2020, with International Chamber of Shipping's Guy Platten and CLIA Europe's Tom Boardley to join Emanuele Grimaldi and CMB CEO Alexander Saverys to engage partnerships on energy transition, data collaboration, managing risk and embracing innovation.

Port of Rotterdam Authority welcomes European Green Deal. *Port of Rotterdam*.

7 January 2020. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/port-of-rotterdam-authority-welcomes-european-green-deal> The Port of Rotterdam Authority welcomes the Green Deal presented by the European Commission in December 2019. [Priorities of the Port of Rotterdam for a European Green Deal](#) 🇳🇱

Hong Kong retains prowess as maritime centre. *Lloyd's List*. 9 January 2020. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1130592/Hong-Kong-retains-prowess-as-maritime-centre> Decarbonisation and digitalisation emerged as major themes running through the week, while other important areas such as Hong Kong's role within the Greater Bay Area were also discussed.

Major port developments accelerate in Asia. Rebecca Moore. *Marine Propulsion & Auxiliary*

Machinery. 13 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/major-port-developments-accelerate-in-asia-57432> Governments throughout the region are helping to fund new ports and terminals for container cargoes and building logistics hubs.

Panama Canal to adopt measures to ensure water availability & route's reliability. *Panama*

Canal Authority. 13 January 2020. Available from: <http://www.acp.gob.pa/eng/pr/press-releases/2020/01/13/pr686.html> Due to changing rainfall patterns and historic low water levels at Gatun Lake, the main source of water for the waterway, the Panama Canal announced today that it will implement a series of new measures beginning February 15 to sustain an operational level of water and provide reliability to customers while it implements a long-term solution to water.

Singapore's 2019 Maritime Performance. *Maritime and Port Authority of Singapore (MPA).*

13 January 2020. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/38b82bb6-2f92-418c-a98d-c4c9e56f9232> The Port of Singapore recorded strong growth in the past decade. In particular, container throughput in 2019 hit an all-time high of 37.2 million twenty-foot equivalent units (TEUs), amidst challenging global economic conditions.

Stella Maris Port Chaplain Directory 2020. *Apostleship of the Sea (AoS).* 14 January 2020.

Available from: <https://www.apostleshipofthesea.org.uk/stella-maris-port-chaplain-directory-2020>

Stella Maris (Apostleship of the Sea) has launched a brand new version of its global port chaplains' directory which helps seafarers get quick access to pastoral and practical support wherever they are in the world. [Directory](#) 

Shipping Minister highlights importance of ports and shipping during decarbonisation conference. *British Ports Association.* 14 January 2020. Available from:

<https://www.britishports.org.uk/news/shipping-minister-highlights-importance-of-ports-and-shipping-during-decarbonisation-conference> The shipping and maritime minister Nus Ghani opened the UK Chamber of Shipping and British Ports Association one-day conference on decarbonisation last week and talked of the importance of the industry in achieving net-zero emissions by 2050.

Lack of low-sulphur fuel leaves Pacific International Lines ships stuck in Singapore.

Gary Dixon. *TradeWinds.* 15 January 2020. Available from:

<https://www.tradewindsnews.com/containerships/lack-of-low-sulphur-fuel-leaves-pacific-international-lines-ships-stuck-in-singapore/2-1-737895> Pacific International Lines (PIL) is experiencing delays in its home port due to issues with low-sulphur fuel oil supplies.

Ray of hope for region as new Kisumu port set to be opened. Dennis Onyango. *Standard Digital (Kenya).* 15 January 2020. Available from:

<https://www.standardmedia.co.ke/article/2001356515/ray-of-hope-for-region-as-new-kisumu-port-set-to-be-opened> After a long wait mired in uncertainty and last-minute cancellations, President Uhuru Kenyatta is set to finally commission the refurbished Kisumu Port.

Energy agency says key ports have sufficient low-sulfur fuel oil. Christian Carlsen.

ShippingWatch. 17 January 2020. Available from:

<https://shippingwatch.com/secure/suppliers/article11882223.ece> The important hubs in the global shipping sector now have a sufficiently large supply of the new low-sulfur fuels, says the International Energy Agency, IEA, in its monthly report, according to Reuters.

Kyaukpyu port to become model project in China-Myanmar BRI cooperation.

Xinhuanet (China). 18 January 2020. Available from: [http://www.xinhuanet.com/english/2020-](http://www.xinhuanet.com/english/2020-01/18/c_138716099.htm)

[01/18/c_138716099.htm](http://www.xinhuanet.com/english/2020-01/18/c_138716099.htm)  Surrounded by superb natural conditions, the Kyaukpyu deep-water port in the western Rakhine State of Myanmar, is set to become another model project under the Belt and Road Initiative (BRI) framework, benefiting both Myanmar and China.

Finding the real heat in the decarbonisation debate. Paul Gunton. *ShipInsight.* 20 January 2020.

Available from: <https://shipinsight.com/articles/finding-the-real-heat-in-the-decarbonisation-debate>

I went to a conference earlier this month (9 January) about decarbonising shipping and ports, organised jointly by the UK Chamber of Shipping and the British Ports Association (BPA).

Mombasa port joins move to enforce low sulphur fuel use. Anthony Kitimo. *East African (Kenya)*. 21 January 2020. Available from: <https://www.theeastafrican.co.ke/business/Mombasa-joins-move-to-enforce-low-sulphur-fuel-use/2560-5425634-fohej0/index.html> The port of Mombasa in Kenya will, starting this month, join other ports around the world in implementing the new International Maritime Organisation (IMO) global sulphur cap 2020 rule, which came into force on January 1.

NPA collects over 2.3mkg of waste from Nigerian ports in 11 months of 2019. Amaka Anagor. *Business Day (Nigeria)*. 22 January 2020. Available from: <https://businessday.ng/maritime/article/npa-collects-over-2-3mkg-of-waste-from-nigerian-ports-in-11-months-of-2019/> Determined to ensure pollution-free marine environment for safe navigation of ships calling the nation's seaports, the Nigerian Ports Authority (NPA), collected over 2.3 million kilogramme of garbage from Nigerian waters in the first 11 months of 2019 (January to November), says the 2019 Activity Report of the Marine Environment Management Department (MEMD).

Pakistan and Bahrain ban open-loop scrubber discharge in ports. *Marine Propulsion & Auxiliary Machinery*. 23 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/pakistan-bans-open-loop-scrubbers-57621> The Port of Karachi in Pakistan has joined the list of ports effecting a ban on discharge of wash water from open-loop scrubbers.

Poor low-sulfur bunker found in several key ports. Katrine Grønvald Raun. *ShippingWatch*. 24 January 2020. Available from: <https://shippingwatch.com/secure/carriers/article11897167.ece> Veritas Petroleum Service, which tests fuel, has issued seven warnings in just one month about excessive sediments in new fuels with 0.5 percent sulfur.

Environment suffers after Mombasa port dredging. Anthony Kitimo. *East African (Kenya)*. 28 January 2020. Available from: <https://www.theeastafrican.co.ke/business/Environment-suffers-after-Mombasa-port-dredging/2560-5434690-ulj89a/index.html> Sand harvesting and dumping of dredged materials off the South Coast by the Kenya Ports Authority (KPA) has cost the local economy more than \$3 million.

Maritime minister undertakes future of shipping industry tour, as ports cyber security guidance is updated. Nusrat Ghani MP. *UK Government*. 28 January 2020. Available from: <https://www.gov.uk/government/news/maritime-minister-undertakes-future-of-shipping-industry-tour-as-ports-cyber-security-guidance-is-updated> Maritime Minister Nusrat Ghani has today (28 January 2020) finished off a tour of southern ports to see the innovative work underway to future-proof the maritime industry, including discovering how plans were developing for an autonomous ship to sail independently across the Atlantic for the Mayflower's 400th anniversary.

Mombasa banks on maritime in bid to create jobs. Eunice Murathe. *Business Daily (Kenya)*. 29 January 2020. Available from: <https://www.businessdailyafrica.com/corporate/shipping/Mombasa-banks-on-maritime-in-bid-to-create-jobs/4003122-5435200-pno86lz/index.html> Mombasa County is betting on the maritime sector to reduce joblessness among the youth.

Singapore port must stay shipshape as year-round Arctic shortcut looms. Vanessa Liu. *Straits Times*. 30 January 2020. Available from: <https://www.straitstimes.com/singapore/singapore-port-must-stay-shipshape-as-year-round-arctic-shortcut-looms> The year-round opening of the Northern Sea Route in the Arctic is only a matter of time, and Singapore has to race to be cheaper, faster and better than it already is - to safeguard its status as a shipping hub.

Singapore's strength as a shipping hub is also its weakness. Craig Jallal. *Tanker Shipping & Trade*. 31 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/singaporersquos-strength-as-a-shipping-hub-is-also-its-weakness-57827> Singapore sits on one of the tanker trades busiest chokepoints, helping it develop into the world's largest refuelling hub.

Elbe fairway widening: Now simpler for mega-ships to pass. *Port of Hamburg*. 31 January 2020. Available from: <https://www.hafen-hamburg.de/en/news/elbe-fairway-widening-now-simpler-for-mega-ships-to-pass---36627> Two segments of the fairway adjustment on the Lower and Outer Elbe related to widening have been completed.

REGULATIONS

Shipping fuel regulation to cut sulphur levels comes into force. Fiona Harvey. *The Guardian*. 1 January 2020. Available from: <https://www.theguardian.com/environment/2020/jan/01/shipping-fuel-regulation-to-cut-sulphur-levels-comes-into-force> Sulphur will be cut drastically from global shipping transport fuels in 2020, in a move that should reduce some forms of air pollution, and may help towards tackling the climate emergency – but which could also lead to a rise in the price of flights.

Compliance with the provisions of MARPOL Annex VI. Regulation 14. *Gulf Agency Company (GAC)*. 2 January 2020. Available from: <https://www.gac.com/news--media/hot-port-news/compliance-with-the-provisions-of-marpol-annex-vi-regulation-14/> According to Circular No.21 of 2019, from 1 January 2020, the Saudi Ports Authority will apply the instructions for compliance with the provisions of MARPOL Annex VI Regulation 14 from Circular No.14 of 2019 to international (Saudi/Non-Saudi) ships coming to the ports.

New environmental requirements send fuel prices soaring. Mathias Blædel Lorenzens. *ShippingWatch*. 3 January 2020. Available from: <https://shippingwatch.com/secure/regulation/article11856150.ece> The IMO's new environmental requirements contribute heavily to raising prices on low-sulfur fuel, according to interest group Bimco.

IMO 2020: Think twice before finger pointing. Huang Xiayan. *Seatrade Maritime News*. 6 January 2020. Available from: <https://www.seatrade-maritime.com/opinions-analysis/imo-2020-think-twice-finger-pointing> With the implementation of International Maritime Organization Low Sulphur Regulation (or IMO 2020), concerns keep on growing amid recently announced bunker adjustment factors by carriers and the apparently far-from-enough low-sulphur output from global oil refiners.

North P&I Club Sets Out Members' IMO 2020 Concerns. *Ship & Bunker*. 6 January 2020. Available from: <https://shipandbunker.com/news/world/664018-north-pi-club-sets-out-members-imo-2020-concerns> Disputes over bunker sulfur content are at the top of the list of shipowners' issues with IMO 2020 implementation so far, the North of England P&I Association Limited told Ship & Bunker on Monday.

IMO 2020: U.S. Restricts the Use of Certain Fuels in Scrubber Vessels. David McCullough and Susan Lafferty. *MarineLink*. 6 January 2020. Available from: <https://www.marinelink.com/news/imo-us-restricts-certain-fuels-scrubber-474332> The US Environmental Protection Agency asserts that it is taking steps to allow for the distribution of distillate fuel with sulfur content of up to 5,000 ppm sulfur—something that it asserts was previously prohibited.

Blending of fuel on ship for achieving compliance with IMO 2020 regulation. *Standard Club*. 6 January 2020. Available from: <https://bit.ly/31wdk4H> The carriage ban of non-compliant fuel oil is on the horizon; from 1 March 2020, ships not fitted with scrubbers will not be permitted to carry fuel over the 0.50% m/m limit.

DECADE AHEAD: Regulation expected to fuel 'revolution' for shipping. Adam Corbett and Dale Wainwright. *TradeWinds*. 7 January 2020. Available from: <https://www.tradewindsnews.com/regulation/decade-ahead-regulation-expected-to-fuel-revolution-for-shipping/2-1-722605> Increasingly, the global maritime industry will have to adapt to a new operating norm defined by three Ds: disruption, digitalisation and decarbonisation.

Charting the 2020 maritime regulatory landscape. Siddharth Mahajan. *GARD*. 7 January 2020. Available from: <http://www.gard.no/web/updates/content/28978013/charting-the-2020-maritime-regulatory-landscape> 2019 saw the implementation of regulations related to crew, lifesaving, fire safety, environment, cargo, and certification.

Are you 95% confident that your very low sulphur fuel is on spec and MARPOL compliant? Sammy Christopher Smallbone and Kim Jefferies. *GARD*. 9 January 2020. Available from: <http://www.gard.no/web/updates/content/28989213/are-you-95-confident-that-your-very-low-sulphur-fuel-is-on-spec-and-marpol-compliant> Bunker fuel is a commodity and, like all commodities, is produced and sold according to specifications.

Poten: Relatively smooth sailing as IMO 2020 enters into force? *World Maritime News*. 13 January 2020. Available from: <https://worldmaritimeneeds.com/archives/289212/> Two weeks into January 2020, it appears the shipping industry is coping better than expected following the entry into force of the highly dreaded sulphur cap, according to Poten Tanker Opinion.

BIMCO publishes interpretation of discord between fuel oil samples. *Insurance Marine News*. 15 January 2020. Available from: <https://insurancemarineneeds.com/insurance-marine-news/bimco-publishes-interpretation-of-discord-between-fuel-oil-samples/> BIMCO has reported an increase in questions related to the discord between the verification produces for statutory fuel oil samples and commercial fuel oil samples as the new sulphur cap kicks in.

Vestager not buying Maersk CEO's critique of regulation. Trine Vestergaard. *ShippingWatch*. 17 January 2020. Available from: <https://shippingwatch.com/secure/regulation/article11881899.ece> EU Competition Commissioner Margrethe Vestager is not buying Maersk CEO Søren Skou's criticism that the EU's rejection of a railroad merger could make it difficult for European companies to compete with China.

IMO 2020: So far so good but still a long way to go. Paul Berrill, Jonathan Boonzaier, Michael Juliano and Ian Lewis. *TradeWinds*. 21 January 2020. Available from: <https://www.tradewindsnews.com/regulation/imo-2020-so-far-so-good-but-still-a-long-way-to-go/2-1-738565> Policing and engine issues will likely emerge, but the fuel switch has proved doom-mongers wrong.

IMO 2020: before and after the transition date. Craig Jallal. *Marine Propulsion & Auxiliary Machinery*. 21 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/imo-2020-before-and-after-the-transition-date-57594> Reports from the frontline on the IMO 2020 transition have been surprisingly benign, but is the initial positivity concealing more fundamental problems?

The growing problem of IMO 2020 VLSFO bunkers with marginally off-spec sulfur.

Jack Jordan. *Ship & Bunker*. 22 January 2020. Available from:

<https://shipandbunker.com/news/world/466439-feature-the-growing-problem-of-imo-2020-vlsfo-bunkers-with-marginally-off-spec-sulfur> One of the main problems shipping has had with the new 0.50% sulfur bunker fuels so far this year has been arguments over the one characteristic of them that everyone's supposed to agree about: their sulfur content.

How to navigate the ripple effect of tightening emissions standards.

Matt Muenster. *American Journal of Transportation (AJOT)*. 22 January 2020. Available from: <https://ajot.com/insights/full/ai-how-to-navigate-the-ripple-effect-of-tightening-emissions-standards> Consider the fuel market transition underway because of the International Maritime Organization's (IMO) sulfur cap, which limited the permitted level of sulfur content within commercial maritime fuels to 0.5% by mass beginning Jan. 1, 2020.

IMO 2020 is here, but the true cost to shipping is yet to come.

Harold Halpin. *TradeWinds*. 22 January 2020. Available from: <https://www.tradewindsnews.com/opinion/imo-2020-is-here-but-the-true-cost-to-shipping-is-yet-to-come/2-1-739785> How US regulatory and legislative bodies police the sulphur cap will determine the real impact on the industry.

IMO 2020 preparations pay off.

Unni Einemo. *International Bunker Industry Association (IBIA)*. 22 January 2020. Available from: <https://ibia.net/imo-2020-preparations-pay-off/> IBIA met with several large globally operating shipping and bunkering companies during a visit to Copenhagen in mid-January, who were all reporting a surprisingly smooth transition to the 0.50% sulphur limit for marine fuels which came into force on 1 January, 2020.

USCG revised guidance on the Implementation of MARPOL Annex VI.

Hellenic Shipping News. 22 January 2020. Available from: <https://www.hellenicshippingnews.com/uscg-revised-guidance-on-the-implementation-of-marpol-annex-vi/> On 13 January 2020, the US Coast Guard Office (USCG) of Commercial Vessel Compliance released the Mission Management Statement (MMS) Work Instruction which is an updated guidance on the Implementation of Compliance/Enforcement Policy for MARPOL Annex VI Regulation 14, including IMO 2020 Sulphur Cap.

SALVAGE

T&T Salvage to Remove *Golden Ray* Wreck.

World Maritime News. 8 January 2020. Available from: <https://worldmaritimeneews.com/archives/288941/tt-salvage-to-remove-golden-ray-wreck/> Texas-based T&T Salvage LLC (T&T) has been selected to remove the wreck of the capsized car carrier *Golden Ray* from St. Simons Sound.

SEAFARERS

Piracy, maritime insecurity driven by unemployed seafarers'-Merchant Navy boss.

Vanguard (Nigeria). 1 January 2020. Available from: <https://www.vanguardngr.com/2020/01/piracy-maritime-insecurity-driven-by-unemployed-seafarers-merchant-navy-boss/> Even though piracy has become a challenging critical index in global seafaring, its presence and growing recurrences in Nigeria has further been escalated by idle professional seafarers, majority of who are thrown into the labour market, at regular intervals.

Pension for seafarers via social welfare. *Times of India*. 1 January 2020. Available from:

<https://timesofindia.indiatimes.com/city/goa/pension-for-seafarers-via-social-welfare/articleshow/73062463.cms> The disbursal of pension for retired seafarers under the Goa welfare/pension scheme for seafarers will soon be implemented through the social welfare department.

Hope for 10 stranded seafarers as embassies intervene. Mbaruku Mohammed. *The Star (Kenya)*.

1 January 2020. Available from: <https://www.the-star.co.ke/counties/coast/2020-01-01-hope-for-10-stranded-seafarers-as-embassies-intervene/> The 10 flew to Mozambique to board a Comoros-flagged general cargo ship, the *MV Nina*.

Nigerian vessel, seafarers set free from detention. *New Telegraph (Nigeria)*. 8 January 2020.

Available from: <https://www.newtelegraphng.com/nigerian-vessel-seafarers-set-free-from-detention/> Nigerian-registered vessel, *MV Jireh*, and its nine crew members detained for four weeks in Portland Port have been released.

ITF rescues Kenyan seafarers from Mozambique. *International Transport Workers'*

Federation (ITF). 10 January 2020. Available from: <https://www.itfglobal.org/en/news/itf-rescues-kenyan-seafarers-mozambique> The ITF has come to the rescue of 10 Kenyan seafarers who had travelled to Pemba, Mozambique through Tanzania in August 2019, to work on an EU-bound vessel, *MV Nina*.

Sailors urged to follow the law for ease of repatriation. Mohammed Mbaruku. *The Star (Kenya)*.

12 January 2020. Available from: <https://www.the-star.co.ke/counties/coast/2020-01-12-sailors-urged-to-follow-the-law-for-ease-of-repatriation/> Seafarers have been cautioned against dealing with unauthorised agents in their search for employment to avoid repatriation snags when they are abandoned.

Locsin welcomes 12 freed PH seafarers. *Manila Times*. 12 January 2020. Available from:

<https://www.manilatimes.net/2020/01/12/news/top-stories/locsin-welcomes-12-freed-ph-seafarers/673489/> Foreign Affairs Secretary Teodoro Locsin Jr. hosted lunch to welcome home 12 Filipino crewmen, whose ship was seized by Iranian authorities almost four months ago.

Pirates release three crew members taken from dredger after Nigerian bloodbath. Gary Dixon.

TradeWinds. 13 January 2020. Available from: <https://www.tradewindsnews.com/casualties/pirates-release-three-crew-members-taken-from-dredger-after-nigerian-bloodbath/2-1-736844> Nigeria's navy has freed three crew members taken in a fatal assault on a dredger earlier this month.

International Chamber of Shipping tackles ageism onboard ships. Holly Birkett. *TradeWinds*.

16 January 2020. Available from: <https://www.tradewindsnews.com/regulation/international-chamber-of-shipping-tackles-ageism-onboard-ships/2-1-739039> The International Chamber of Shipping has published free guidance that aims to help shipowners tackle age discrimination onboard vessels.

Guidelines for shipowners to avoid age discrimination on board ships. *International Chamber of Shipping (ICS)*. January 2020. Available from: <http://www.ics-shipping.org/docs/default-source/resources/guidelines-for-shipowners-to-avoid-age-discrimination-on-board-ships.pdf?sfvrsn=6> This guidance has been produced to help to eliminate age discrimination and to improve the working environment on board ships.

19 crew abducted from Union Maritime tanker released, one dead. Grant Rowles. *Splash 247.com*. 20 January 2020. Available from: <https://splash247.com/19-crew-abducted-from-union-maritime-tanker-released-one-dead/> The crew abducted from Marshall Islands-flagged chemical tanker Duke last month have been released, however one of the crew members died shortly after the incident.

Goa: Goan seafarer abducted by pirates dies in captivity. *Times of India*. 20 January 2020. Available from: <https://timesofindia.indiatimes.com/city/goa/goan-seafarer-abducted-by-pirates-dies-in-captivity/articleshow/73396929.cms> Eighteen Indians held hostage by pirates off the coast of Benin in west Africa were released on Sunday.

Shore leave: Give the crew a break. Michael Grey. *Seatrade Maritime News*. 20 January 2020. Available from: <https://www.seatrade-maritime.com/opinions-analysis/shore-leave-give-crew-break> It used to be assumed that provided the demands of the ship permitted, shore leave was, more or less, a “human right” of seafarers.

Captured tanker crewman died from malaria, colleague says. Gary Dixon. *TradeWinds*. 21 January 2020. Available from: <https://www.tradewindsnews.com/tankers/captured-tanker-crewman-died-from-malaria-colleague-says/2-1-741117> A seafarer taken from a Greek tanker off Togo in November has revealed how a colleague died in captivity from malaria.

Kidnapped crew members of Greek tanker released. *Ekathimerini (Greece)*. 22 January 2020. Available from: <http://www.ekathimerini.com/248705/article/ekathimerini/news/kidnapped-crew-members-of-greek-tanker-released> The eight crew members of the Greek-flagged tanker Happy Lady – among them five Greek nationals – who had been abducted by pirates in an attack near the coast of Cameroon were released on Wednesday.

Danish Shipping want more women on board. Anne H. Steffensen. *Danish Shipping*. 23 January 2020. Available from: <https://www.danishshipping.dk/en/press/news/danish-shipping-want-more-women-on-board> Danish Shipping presents a new initiative aimed at increasing the share of women in Danish shipping companies.

Six seafarers fall ill as coronavirus outbreak continues. *Maritime Executive*. 28 January 2020. Available from: <https://www.maritime-executive.com/article/six-seafarers-fall-ill-as-coronavirus-outbreak-continues> Six seafarers aboard a French-operated container ship have fallen ill during a voyage from China to Egypt, raising concerns that they could be the first reported mariners to have contracted the new coronavirus strain originating in Wuhan.

Latest Seafarers Happiness Index shows decrease in positivity and satisfaction among those working at sea. *Mission to Seafarers*. 28 January 2020. Available from: <https://www.missiontoseafarers.org/news/latest-seafarers-happiness-index-shows-decrease-in-positivity-and-satisfaction-among-those-working-at-sea> The latest Seafarers Happiness Index report, published by The Mission to Seafarers, has revealed that seafarer happiness continues to fluctuate – with improvements in connectivity at sea, but also continuing concerns regarding workload among the issues raised by seafarers. [Seafarers Happiness Index, Quarter 4/ 2019](#)

Seafarers complain of racism and lack of shore leave. *Maritime Executive*. 28 January 2020. Available from: <https://www.maritime-executive.com/article/seafarers-complain-of-racism-and-access-to-shore-leave> The Seafarers Happiness Index published by The Mission to Seafarers this week highlights crew concerns about racism and a lack of support dealing with it along with concerns about a lack of shore leave to relieve stress.

Valuing the sacrifices of a modern-day seafarer. Yashika F. Torib. *Manila Times*. 29 January 2020. Available from: <https://www.manilatimes.net/2020/01/29/business/maritime-business/valuing-the-sacrifices-of-a-modern-day-seafarer/678074/> Seafarers wrestle over a wide array of stress-inducing pressures at sea, things that include but are not limited, to the lack of shore leave, increased paperwork, working with fewer people, isolation and homesickness.

DG Shipping announces amnesty scheme for seafarers holding fake certificates. P Manoj. *Hindu BusinessLine (India)*. 30 January 2020. Available from: <https://www.thehindubusinessline.com/economy/logistics/dg-shipping-announces-amnesty-scheme-for-seafarers-holding-fake-certificates/article30694498.ece> India's maritime administration has announced a one-time amnesty scheme for seafarers who had secured qualification certificates without attending classes in the biggest fake certificate scam yet in the country's maritime training sector.

Dubai reveals two crew died in tanker fire, and more are missing. Gary Dixon. *TradeWinds*. 31 January 2020. Available from: <https://www.tradewindsnews.com/casualties/dubai-reveals-two-crew-died-in-tanker-fire-and-more-are-missing/2-1-748131> The Dubai government has said two Indian seafarers died in Wednesday's explosion on a VLCC in the Middle East Gulf.

SEARCH & RESCUE

Praise for crew of the *Far Saracen* supply vessel that answered Mallacoota's bushfires SOS. Sarah Farnsworth. *ABC (Australia)*. 7 January 2020. Available from: <https://www.abc.net.au/news/2020-01-07/they-fed-us-they-gave-us-beds-unexpected-hero-brings-supplies-t/11849772> As smoke lay thick and heavy across Mallacoota, an unfamiliar vessel came slowly into view.

Navy rescues dhow with Indian crew in Gulf of Aden. Dinakar Peri. *The Hindu (India)*. 9 January 2020. Available from: <https://www.thehindu.com/news/national/navy-rescues-dhow-with-indian-crew-in-gulf-of-aden/article30517848.ece> Two days ago an Indian Navy ship deployed on anti-piracy patrol in the Gulf of Aden rescued a Sri Lankan-flagged dhow with 13 Indian crew members that was stranded after engine failure and adrift towards the Somalian coast.

Merchant bulker rescues four from sailboat in Mid-Atlantic. *Maritime Executive*. 20 January 2020. Available from: <https://www.maritime-executive.com/article/merchant-bulker-rescues-four-from-sailboat-in-mid-atlantic> On January 10, the crew of the geared bulker *Sunda* rescued a sailboat adrift in the mid-Atlantic.

European shipping industry urges the revival of Operation Sophia. *European Community Shipowners' Associations (ECSA)*. 21 January 2020. Available from: <https://www.ecsa.eu/index.php/news/european-shipping-industry-urges-revival-operation-sophia> "The European shipping industry fully supports the revival of Operation Sophia, meaning the deployment of naval assets" commented Martin Dorsman, ECSA Secretary General.

SHIP RECYCLING

ClassNK gives Bangladeshi ship recycler PHP the thumbs up. Jonathan Boonzaier.

TradeWinds. 15 January 2020. Available from:

<https://www.tradewindsnews.com/regulation/classnk-gives-bangladeshi-ship-recycler-php-the-thumbs-up/2-1-737823> ClassNK has thrown its weight behind Bangladesh's PHP Ship Breaking and Recycling Industries (PHP), verifying that the company is in line with the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships.

The Importance of Complying with Green Recycling Contracts (2020): What ship owners can do to prevent failed "green" recycling contracts? *Hellenic Shipping News*. 21 January 2020.

Available from: <https://www.hellenicshippingnews.com/the-importance-of-complying-with-green-recycling-contracts-2020-what-ship-owners-can-do-to-prevent-failed-green-recycling-contracts/>

Cash Buyers failing to comply with "green" recycling contracts has indeed become a reputational/headline risk for Ship Owners in recent times, with several vessels that were intended to be sold for recycling as per the HKC guidelines into India, making news headlines for the wrong reasons after reportedly ending up in non-compliant yards in Bangladesh.

Health and safety of workers in Bangladesh shipbreaking yards. Sakhawat Sajjat Sejan.

Daily Observer (Bangladesh). 25 January 2020. Available from:

<https://www.observerbd.com/details.php?id=240567> Experts, labour leaders have recently urged to improvise the compliance issues in shipbreaking yards to ensconce minimum wages, health and safety and training for workers.

Norwegian police raids Teekay office on suspicions of illegal scrapping. Niklas Krigslund.

ShippingWatch. 29 January 2020. Available from:

<https://shippingwatch.com/secure/carriers/Tanker/article11905746.ece> Teekay's office in Stavanger was raided on Tuesday by the Norwegian financial police, which suspects the company might have committed environmental crimes in relation to the scrapping of a ship in India.

SHIPBUILDING & SHIPREPAIR

The newbuilding quandary. Zane Berry. *Splash 247.com*. 2 January 2020. Available from:

<https://splash247.com/the-newbuilding-quandary/> The IMO 2020 sulphur limit amendment to MARPOL Annex VI has kicked in with the prospect of a global rash of fines for non-compliant carriers to be expected over the coming months.

Korean Shipbuilders Looking to Break through Recession with LPG and LNG Carriers.

Jung Min-hee. *Business Korea (South Korea)*. 3 January 2020. Available from:

<http://www.businesskorea.co.kr/news/articleView.html?idxno=39790> Liquefied petroleum gas (LPG) carriers, along with liquefied natural gas (LNG) vessels, are emerging as a new cash cow to feed Korean shipbuilders in 2020.

Scrubber installation waiting list 'very long' as IMO 2020 kicks in: Wartsila. Diana Kinch.

S&P Global Platts. 3 January 2020. Available from: <https://bit.ly/31yVm1d> There are "very long waiting lists at some shipyards," particularly in China, for installation of scrubbers on vessels to ensure compliance with IMO 2020 marine fuel regulations, a leading scrubber technologist said this week.

Retrofitting for a new, clean age. Selwyn Parker. *Marine Propulsion & Auxiliary Machinery*. 6 January 2020. Available from: <https://www.rivieramm.com/news-content-hub/news-content-hub/retrofitting-for-a-new-clean-age-57351> The *Bremerhaven* ferry earns its keep plying the route across the Weser River in Germany for 16 hours a day, seven days a week.

S. Korea's shipbuilding industry to revive through LNG in 2020. *Arirang News (South Korea)*. 10 January 2020. Available from: http://www.arirang.co.kr/News/News_View.asp?nseq=250529 After years struggling to stay afloat, the country's shipbuilding industry is ready for a return to growth.

Shipping players look to cut carbon emissions with vessel powered by ammonia. Jonathan Saul. *Reuters*. 15 January 2020. Available from: <https://reut.rs/2urvKYa> A shipbuilder and engine maker are among leading companies looking to develop a vessel that can run on ammonia as part of efforts to speed up carbon reductions in shipping through cleaner fuel options, officials said on Wednesday.

RRS Sir David Attenborough fires up. *Cammell Laird*. 22 January 2020. Available from: <https://www.clbh.co.uk/project-news/rrs-sir-david-attenborough-fires> The *RRS Sir David Attenborough* achieved an important milestone at Cammell Laird's shipyard this month with the commissioning and testing of its power systems.

China virus may delay scrubber retrofits. Yuka Obayashi. *MarineLink*. 31 January 2020. Available from: <https://www.marinelink.com/news/china-virus-may-cause-delays-475198> Shipping companies may face delivery delays of vessels fitted with exhaust gas filtering equipment that complies with anti-pollution rules that kicked in this year due to the impact from the virus outbreak in China, shipping sources said on Friday.

SHIPPING

Getting to zero: inside a new coalition for greener shipping. Frances Marcellin. *Ship-technology.com*. 2 January 2020. Available from: <https://www.ship-technology.com/features/getting-to-zero-coalition/> A new group called the Getting to Zero Coalition has been set up with the aim of developing zero-emission vessels and making them commercially available by 2030.

Advice for global shippers on managing surcharges for low sulphur fuel. *Global Shippers Forum (GSF)*. 2 January 2020. Available from: <https://www.globalshippersforum.com/media/advice-for-global-shippers-on-managing-surcharges-for-low-sulphur-fuel/> With the introduction of new global rules for limiting sulphur pollution from ships on 1 January 2020, the Global Shippers Forum has issued helpful advice for importers and exporters facing demands for surcharges from shipping lines seeking to cover their costs of compliance.

Global adoption of LNG as marine fuel rises over IMO 2020. Sulaimon Salau. *Guardian (Nigeria)*. 3 January 2020. Available from: <https://guardian.ng/business-services/global-adoption-of-lng-as-marine-fuel-rises-over-imo-2020/> The Liquefied Natural Gas (LNG) is fast gaining strength as alternative marine fuel, as a worldwide push is on to sharply reduce or eliminate harmful emissions from the burning of fossil fuels by ocean going ships.

Shipping has reasons to be optimistic despite serious challenges. Lee Hong Liang. *Seatrade Maritime News*. 3 January 2020. Available from: <https://www.seatrade-maritime.com/containers/shipping-has-reasons-be-optimistic-despite-serious-challenges>

The shipping industry has a number of reasons to be cheerful as it enters a new decade, despite some serious challenges in the immediate future, according to accountancy and business advisory firm BDO.

Panama Canal Gets Its First Female Deputy Administrator. *World Maritime News*. 3 January 2020. Available from: <https://worldmaritimeneeds.com/archives/288734/panama-canal-gets-its-first-female-deputy-administrator/> On January 1, 2020, Ilya Espino de Marotta took office as Deputy Administrator of the Panama Canal, becoming the first woman to ever hold this position.

Stakeholders to play key role in developing low-carbon future. Paul Berrill. *TradeWinds*. 3 January 2020. Available from: <https://www.tradewindsnews.com/regulation/stakeholders-to-play-key-role-in-developing-low-carbon-future/2-1-727254> Funding of the International Maritime Research Board (IMRB) would need to be overseen by flag state administrations and supported by port-state-control authorities, according to its proposers.

Search for greener solutions will stimulate wider maritime collaboration in 2020. Richard Clayton. *Lloyd's List*. 3 January 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1130516/Search-for-greener-solutions-will-stimulate-wider-maritime-collaboration-in-2020> The year just passed was dominated by preparation for the International Maritime Organization's Global Sulphur Cap. According to speakers on Lloyd's List's 2020 Outlook webinar, sponsored by Wallem group, much of the year ahead will be taken up with making sure the maritime business is complying with a raft of regulations that might challenge shipowners' ability to survive.

K Line adopts 'LNG+' plan to meet IMO's 2030 goals. Sam Chambers. *Splash 247.com*. 6 January 2020. Available from: <https://splash247.com/k-line-adopts-ling-plan-to-meet-imos-2030-goals/> One of the world's keenest users of LNG as a fuel has admitted his company needs an "LNG +" plan to meet 2030 environmental goals set out by the International Maritime Organization (IMO).

Outlook 2020: Top questions for ocean shipping. Greg Miller. *Freight Waves*. 6 January 2020. Available from: <https://www.freightwaves.com/news/outlook-2020-top-questions-for-ocean-shipping> Ocean shipping begins the year with unusually high optimism in the crude-tanker sector and very strong sentiment in the product-tanker and liquefied petroleum gas (LPG) segments.

Ten years on and little change. Malcolm Latache. *ShipInsight*. 6 January 2020. Available from: <https://shipinsight.com/articles/ten-years-on-and-little-change> A little bit of crystal ball gazing is usual at this time of year but sometimes it can be equally enlightening to look back at what was being said and predicted at dates in the past.

What is BIMCO thinking about 2020? BIMCO. 6 January 2020. Available from: <https://www.bimco.org/news/priority-news/20200106-what-is-bimco-thinking-about-2020>: Every year, BIMCO considers what is in store for the shipping industry and for BIMCO in the coming years, while also reflecting on the year gone by. [BIMCO Reflections 2020](#) 📄

LNG as a fuel not enough to meet IMO 2030 emissions targets: K Line. Marcus Hand. *Seatrade Maritime News*. 7 January 2020. Available from: <https://www.seatrade-maritime.com/environmental/ling-fuel-not-enough-meet-imo-2030-emissions-targets-k-line> Using LNG as a marine fuel alone will not be enough to reach the IMO's 2030 emission reduction targets says K Line chief Yukikazu Myochin.

Headhunter seeks female candidates to no avail. Trine Vestergaard. *ShippingWatch*.

7 January 2020. Available from: https://shippingwatch.com/secure/carriers/article11861647_ece

A company could be searching for a long time if it seeks to employ a woman in its top management or in the technical part of its business.

Maersk Tankers launches digital spin-off to target CO2 emissions reduction. Lee Hong Liang.

Seatrade Maritime News. 8 January 2020. Available from: <https://bit.ly/2UBuGeT> Maersk Tankers has launched a new standalone digital business aimed at reducing carbon dioxide (CO2) emissions and optimising vessels' earnings across the tramp shipping sector.

Is the shipping industry's R&D climate fund a Trojan Horse? Faig Abbasov. *Climate Home*

News. 8 January 2020. Available from: <https://www.climatechangenews.com/2020/01/08/shipping-industrys-rd-climate-fund-trojan-horse/> A proposed \$500 million annual fund for climate innovation in shipping is welcome, but falls far short of a strategy to cut rising emissions.

The shipping industry: Its role and unique needs. Ambassador Carlos Salinas. *Manila Times*.

8 January 2020. Available from: <https://www.manilatimes.net/2020/01/08/business/maritime-business/the-shipping-industry-its-role-and-unique-needs/672490/> Most people just don't realize how significant the role that shipping plays in our everyday lives.

Shipping faces 'less frightening supply situation' at start of decade: Clarksons. Marcus Hand.

Seatrade Maritime News. 9 January 2020. Available from: <https://www.seatrade-maritime.com/shipbuilding/shipping-faces-less-frightening-supply-situation-start-decade-clarksons> In 2019 the global shipping fleet passed 2bn dwt as a whole, however, the new decade starts with a "less frightening supply situation", according to Clarksons Research Services.

Liberian Registry harnesses technology to cut ship registration times in half. Grant Rowles.

Splash 247.com. 9 January 2020. Available from: <https://splash247.com/liberian-registry-harnesses-technology-to-cut-ship-registration-times-in-half/> Liberian Registry, the world's second largest flag, has unveiled a new Expedited Registration Process (ERP), that streamlines the registration of vessels.

DECADE AHEAD: Tanker owners brace for regulatory challenges and turbulence in 2020s.

Jonathan Boonzaier, Eric Martin, Trond Lillestolen, Gary Dixon, Max Tingyao Lin and Julian Bray. *TradeWinds*. 9 January 2020. Available from: <https://www.tradewindsnews.com/tankers/decade-ahead-tanker-owners-brace-for-regulatory-challenges-and-turbulence-in-2020s/2-1-721906>

The large crude tanker sector will face numerous and multiple challenges over the next decade. Firstly — and most critically — will be meeting the stringent emissions targets set by the IMO.

DECADE AHEAD: Finance sector forecasts greater focus on environment. Holly Birkett and

Joe Brady. *TradeWinds*. 9 January 2020. Available from: <https://www.tradewindsnews.com/finance/decade-ahead-finance-sector-forecasts-greater-focus-on-environment/2-1-722634> One of the biggest challenges facing the shipping industry as we head into the 2020s is the uncertainties surrounding new regulations and new technology.

DECADE AHEAD: 2020s seen as 'transformational' for boxships. Ian Lewis. *TradeWinds*.

9 January 2020. Available from: <https://www.tradewindsnews.com/containerships/decade-ahead-2020s-seen-as-transformational-for-boxships/2-1-722864> This represents the challenges and opportunities of a carbon-neutral global shipping industry — with the 2020s poised to be the decade for us to identify and develop the new, bold solutions that will get us on track to deliver on the Herculean effort that decarbonisation requires.

How analytical statistics lead to standard specifications. *Gard*. 9 January 2020. Available from: <http://www.gard.no/web/updates/content/28989211/how-analytical-statistics-lead-to-standard-specifications> One of the central tenets of analytical science is that the tests conducted have been verified and can be repeated by other scientists using the same methods and equipment.

What happens when IMO 2020 collides with cargo slump? Greg Miller. *Freight Waves*. 10 January 2020. Available from: <https://www.freightwaves.com/news/what-happens-when-imo-2020-collides-with-cargo-slump> The Jan. 1 implementation of IMO 2020, the global switch to low-sulfur marine fuel, is coinciding with a seasonal cargo-demand slump.

New IMO low-sulphur rules overshadow Hapag-Lloyd's 2020 profit outlook: CEO. Jan Schwartz. *Reuters*. 10 January 2020. Available from: <https://reut.rs/2OAoRuC> Tougher rules on sulphur emissions from ships set by the International Maritime Organisation (IMO) from January burden the profit outlook for Germany's container shipping line Hapag-Lloyd this year after a good 2019, its chief executive said.

Lack of low sulphur bunker to halt ship operations on east coast. P Manoj. *Hindu BusinessLine (India)*. 12 January 2020. Available from: <https://www.thehindubusinessline.com/economy/logistics/lack-of-low-sulphur-bunker-to-halt-ship-operations-on-east-coast/article30548813.ece> Coastal shipping operations along India's eastern coast will come to a halt this week due to lack of availability of low sulphur fuel oil- which ships are mandated to use as per a new global rule that came into force from January 1 to cut emissions.

Container carriers must make room for 23 ultra-large ships this year. Katrine Grønvald Raun. *ShippingWatch*. 13 January 2020. Available from: <https://shippingwatch.com/secure/carriers/Container/article11872340.ece> Container shipowners face another year in which new tonnage must be deployed on the routes.

Grappling with the high cost of greening marine transportation. Timothy Renshaw. *Business in Vancouver (Canada)*. 14 January 2020. Available from: <https://biv.com/article/2020/01/grappling-high-cost-greening-container-cargo-shipping-and-other-marine> For consumers at the end of the global shipping chain, the question will be how much the shift to greener ocean carrier fuels will add to their shopping bills, because it is going to significantly increase the operating costs of container ships, tankers and other ocean carriers.

Commentary: What 'The Box' teaches us about revolutionary change. Harry Sangree. *Freight Waves*. 14 January 2020. Available from: <https://www.freightwaves.com/news/commentary-what-the-box-teaches-us-about-revolutionary-change> "The Box – How the Shipping Container Made the World Smaller and the World Economy Bigger" by Marc Levinson makes the case that the shipping container and its global intermodal use was one of the most important innovations of the second half of the 20th century.

Smooth sailing for ships after historic fuel switch. Costas Paris. *Wall Street Journal*. 14 January 2020. Available from: <https://www.wsj.com/articles/smooth-sailing-for-ships-after-historic-fuel-switch-11579019829> Costs for low-sulfur fuel have soared, but questions over fuel availability and engine performance for ocean-going vessels have largely been set aside.

Shipping's big bang sends two global industries spinning. Jack Wittels. *gCaptain*. 14 January 2020. Available from: <https://gcaptain.com/shippings-big-bang-sends-two-global-industries-spinning/> Two weeks ago, the vast majority of the world's ships were forced to change the fuel they use.

‘NIOC supplies enough low-sulfur fuel for maritime fleet’. *Tehran Times (Iran)*. 15 January 2020. Available from: <https://www.tehrantimes.com/news/444190/NIOC-supplies-enough-low-sulfur-fuel-for-maritime-fleet> “The Islamic Republic of Iran Shipping Line [IRISL] and National Iranian Tanker Company [NITC] are cooperating for storing tin [low-sulfur] fuel,” Yahya Ziaei, who represents IRSOU, said.

Shipping will weather the storm over IMO 2020 marine fuel switch. Terry Macalister. *TradeWinds*. 16 January 2020. Available from: <https://www.tradewindsnews.com/opinion/shipping-will-weather-the-storm-over-imo-2020-marine-fuel-switch/2-1-738050> The IMO 2020 sulphur cap is a “devastating monster” that is “sabotaging global shipping and the economy”.

S Korea cleaner marine fuels market to grow on new ECA. Su Ling Teo, Surabhi Sahu and Charles Lee. *S&P Global Platts*. 16 January 2020. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/petrochemicals/011620-s-korea-cleaner-marine-fuels-market-to-grow-on-new-eca> Demand for cleaner bunker fuels, including marine gasoil, in South Korea is expected to increase further, with fuel bills for shipowners likely to rise, as a result of plans to create an impending emission control area, or ECA, industry sources told S&P Global Platts.

This Week In Commodities: IMO2020 Fuel Rules for Shippers. *Bloomberg*. 16 January 2020. Available from: <https://www.bloomberg.com/news/audio/2020-01-16/this-week-in-commodities-imo2020-fuel-rules-for-shippers>  Sweeping measures to clean up the world’s shipping industry are driving up the cost of trade—even as they lower pollution. Bloomberg’s Jack Wittels and Danielle Bochove discuss.

Roaring 2020s seem uncertain prospect after turbulent 2019. Jack Jordan. *Ship & Bunker*. 16 January 2020. Available from: <https://shipandbunker.com/news/world/706674-feature-roaring-2020s-seem-uncertain-prospect-for-bunker-industry-after-turbulent-2019> After facing upheaval in 2019 from the imminent change in the IMO’s sulfur limit and general financial volatility, the bunker industry is entering the 2020s somewhat tentatively.

Low sulphur fuel found to have higher black carbon emissions than HSFO. Sam Chambers. *Splash 247.com*. 20 January 2020. Available from: <https://splash247.com/low-sulphur-fuel-found-to-have-higher-black-carbon-emissions-than-hsfo/> Mandated into law for less than three weeks and very low sulphur fuel oil (VLSFO), shipping’s new number one bunkering choice, is already facing calls to be banned, especially in Arctic waters.

Shell endorses carbon pricing for shipping. Michelle Wiese Bockmann. *Lloyd’s List*. 20 January 2020. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1130705/Shell-endorses-carbon-pricing-for-shipping> Oil company Royal Dutch Shell, the world’s second-largest tanker charterer, has come out in support of carbon pricing in shipping, saying any offsets could buy the industry time as alternative maritime fuels are developed for commercial application.

Insight: What price are we paying for the cruise industry? Farah Johnson. *The Tribune (Bahamas)*. 20 January 2020. Available from: <http://www.tribune242.com/news/2020/jan/20/insight-what-price-are-we-paying-cruise-industry/?opinion> Luxury cruise brands operated by Carnival Corporation & PLC emitted 10 times more air pollution in Europe than all of the continent’s vehicles combined, according to an international study.

Shipping 'must do more than talk about saving the environment'. Michael Juliano. *TradeWinds*. 21 January 2020. Available from: <https://www.tradewindsnews.com/ship-management/shipping-must-do-more-than-talk-about-saving-the-environment/2-1-737623> The maritime industry must stop paying lip service to sustainability if it wants to make any headway in tackling environmental concerns, according to Synergy Group chief executive Rajesh Unni.

Fraught with environmental baggage, the cruise industry is trying to go green, but is it enough? Morgan Hines. *USA Today*. 21 January 2020. Available from: <https://eu.usatoday.com/story/travel/cruises/2020/01/21/cruise-ship-environmental-impacts-how-industry-going-green/2844697001/> The cruise industry has come under fire for its environmental footprint from environmental organizations, and the U.S. Department of Justice has taken up cases against specific lines for environmental violations.

BNP Paribas and Credit Suisse join leading global shipping banks in support of UN climate targets. *Poseidon Principles*. 22 January 2020. Available from: <https://www.poseidonprinciples.org/news/bnp-paribas-and-credit-suisse-join-leading-global-shipping-banks-in-support-of-un-climate-targets/> With the signing by BNP Paribas and Credit Suisse, Signatories of the Poseidon Principles represent around \$140 billion in loans to international shipping – about 30% of the total global ship finance portfolio.

How decarbonizing shipping could unlock a global energy transition. Johannah Christensen. *World Economic Forum*. 22 January 2020. Available from: <https://www.weforum.org/agenda/2020/01/decarbonizing-shipping-global-energy-transition/> Climate change requires urgent action in all sectors of the economy - including maritime shipping, which carries close to 80% of global trade and accounts for 2-3% of global greenhouse gas emissions (GHG) annually.

Maersk raises fuel surcharge for customers following large price hikes. Tomas Kristiansen and Christian Carlsen. *ShippingWatch*. 22 January 2020. Available from: <https://shippingwatch.com/secure/carriers/Container/article11892184.ece> Large price hikes on new fuels make Maersk, in an extraordinary move, raise its bunker adjustment factor for its customers.

The shipping industry: Its role and unique needs. Carlos Salinas. *Manila Times*. 22 January 2020. Available from: <https://www.manilatimes.net/2020/01/22/business/maritime-business/the-shipping-industry-its-role-and-unique-needs-2/676383/> The American writer E. B. White often cited an expression about the weather that sailors are fond of: “the weather is a great bluffer... things can look dark, then a break shows in the clouds, and all is changed, sometimes rather suddenly.”

Cruise Lines International Association (CLIA) shares findings of recent studies confirming limited impact of scrubber technology on marine environments. *Cruise Lines International Association (CLIA)*. 23 January 2020. Available from: <https://cruising.org/news-and-research/press-room/2020/january/clia-shares-findings-of-recent-studies> Three independent analyses released in 2019 found minimal impact of Exhaust Gas Cleaning Systems (EGCS) operated in open-loop mode, including on water and sediment quality and marine life.

The case for direct air capture: Decarbonising shipping. David Izikowitz. *Medium*. 24 January 2020. Available from: <https://medium.com/carbon-infinity/the-case-for-direct-air-capture-decarbonising-shipping-18e87e51c92c> The first in this ‘The Case for’ series touched on the merits of using direct air capture (DAC) technology as a means to decarbonise the aviation industry.

‘Floating feedlots’: animals spending weeks at sea on ships not fit for purpose. Naomi Larsson and Tom Levitt. *The Guardian*. 26 January 2020. Available from: <https://www.theguardian.com/environment/2020/jan/26/floating-feedlots-animals-spending-weeks-at-sea-on-ships-not-fit-for-purpose> The live export trade carrying millions of sheep and cattle across the seas each year is plagued by “old” and “inferior” ships that are a threat to animal welfare, claims a leading shipping company.

Container lines struggling to pass sulfur bill on to customers. Katrine Grønvald Raun. *ShippingWatch*. 27 January 2020. Available from: <https://shippingwatch.com/secure/carriers/Container/article11900759.ece> The container shipping lines have not been able to push the costs of the new sulfur regulations on to customers in January.

Martin Stopford: Four-point plan to modernise shipping’s business models. Paul Bartlett. *Seatrade Maritime News*. 27 January 2020. Available from: <https://www.seatrade-maritime.com/technology/martin-stopford-four-point-plan-modernise-shippings-business-models> Eminent shipping economist, Dr Martin Stopford, has set out a four-point plan to modernise shipping’s business models which, he says, are 50 years old and badly in need of a revamp.

The climate implications of using LNG as a marine fuel. Nikita Pavlenko, Bryan Comer, Yuanrong Zhou, Nigel Clark and Dan Rutherford. *International Council on Clean Transportation (ICCT)*. 28 January 2020. Available from: <https://theicct.org/publications/climate-impacts-LNG-marine-fuel-2020> More and more ships, including container ships and cruise ships, are being built to run on liquefied natural gas (LNG), which emits approximately 25% less carbon dioxide (CO₂) than conventional marine fuels in providing the same amount of propulsion power. [Working paper 2020-02](#)

Wärtsilä: New ways of operating. *Splash 247.com*. 28 January 2020. Available from: <https://splash247.com/wartsila-new-ways-of-operating/> As the clock ticks over on a new decade, a monumental shift is occurring in shipping.

Greek shipowners urged to seek EU funding for low carbon ships. David Glass. *Seatrade Maritime News*. 29 January 2020. Available from: <https://www.seatrade-maritime.com/environmental/greek-shipowners-urged-seek-eu-funding-low-carbon-ships> One of Greece’s most respected shipping voices is urging the industry to chase European Green Deal funding to support the building of low-carbon tonnage.

Shipping’s green \$1trn is a profitable investment, not a cost. Marie Hubatova. *Splash 247.com*. 30 January 2020. Available from: <https://splash247.com/shippings-green-1trn-is-a-profitable-investment-not-a-cost/> Marie Hubatova, a research analyst at the Environmental Defense Fund, discusses the zero-carbon shipping opportunity ahead of us.

Tankers leave Libya empty as hopes fade for end to blockade. Julian Lee. *ShippingWatch*. 30 January 2020. Available from: <https://shippingwatch.com/secure/carriers/Tanker/article11909649.ece> Tanker vessels are now leaving Libya without oil cargoes after waiting for days in vain for the blockade of the country’s export terminals to end.

Charting a course: Women in modern maritime industries. Laura Durston. *Cayman Compass (Cayman Islands)*. 30 January 2020. Available from: <https://www.caymancompass.com/2020/01/30/charting-a-course-women-in-modern-maritime-industries/> The journey of women to find a place in maritime industries has not been an easy one.

RESEARCH

Ivanova SV, Kessel ST, et al. **Shipping alters the movement and behavior of Arctic cod (*Boreogadus saida*), a keystone fish in Arctic marine ecosystems.** *Ecological Applications*. 10 December 2019. Available from:

<https://esajournals.onlinelibrary.wiley.com/doi/abs/10.1002/eap.2050> Abstract Anthropogenic noise associated with shipping has emerged as a major disruptor of aquatic animal behavior worldwide.

Johansen DF and Vestvik RA. **The cost of saving our ocean - estimating the funding gap of sustainable development goal 14.** *Marine Policy*. 31 December 2019. Available from: <http://www.sciencedirect.com/science/article/pii/S0308597X19305111> While there have been estimates for the overall funding needs of the Sustainable Development Goals (SDGs) and for specific SDGs, there has been no attempt to estimate the funding needs of SDG 14, life below water, despite an impressive mobilization of financial sources the last couple of years.

Clark TD, Raby GD, et al. **Ocean acidification does not impair the behaviour of coral reef fishes.** *Nature*. 8 January 2020. Available from: <https://doi.org/10.1038/s41586-019-1903-y> The partial pressure of CO₂ in the oceans has increased rapidly over the past century, driving ocean acidification and raising concern for the stability of marine ecosystems.

Sèbe M, Kontovas CA, et al. **Reducing whale-ship collisions by better estimating damages to ships.** *Science of The Total Environment*. 10 January 2020. Available from: <http://www.sciencedirect.com/science/article/pii/S0048969720301534> Collisions between ships and whales raise environmental, safety, and economic concerns.

Cheng L, Abraham J, et al. **Record-Setting Ocean Warmth Continued in 2019.** *Advances in Atmospheric Sciences*. 13 January 2020. Available from: <https://doi.org/10.1007/s00376-020-9283-7> Human-emitted greenhouse gases (GHGs) have resulted in a long-term and unequivocal warming of the planet (IPCC, 2019).

Maxwell SM, Gjerde KM, et al. **Mobile protected areas for biodiversity on the high seas.** *Science*. 17 January 2020. Available from: <https://science.sciencemag.org/content/sci/367/6475/252.full.pdf> A new agreement is being negotiated under the 1982 United Nations Convention on the Law of the Sea (UNCLOS) to provide legally binding mechanisms to protect the marine environment and to conserve and ensure the sustainable use of marine biodiversity on the high seas (international waters in areas beyond national jurisdiction).

Weimerskirch H, Collet J, et al. **Ocean sentinel albatrosses locate illegal vessels and provide the first estimate of the extent of nondeclared fishing.** *Proceedings of the National Academy of Sciences*. 27 January 2020. Available from: <https://www.pnas.org/content/pnas/early/2020/01/21/1915499117.full.pdf> New technological approaches to improving remote surveillance of the oceans are necessary if we are to implement effective conservation.

Bourtsoukidis E, Pozzer A, et al. **The Red Sea Deep Water is a potent source of atmospheric ethane and propane.** *Nature Communications*. 28 January 2020. Available from: <https://doi.org/10.1038/s41467-020-14375-0> Non-methane hydrocarbons (NMHCs) such as ethane and propane are significant atmospheric pollutants and precursors of tropospheric ozone, while the Middle East is a global emission hotspot due to extensive oil and gas production.
