About the MKC Current Awareness Bulletin (CAB)

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

The MKC Current Awareness Bulletin is disseminated monthly and issues from the current and the past years are free to download from this page.

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

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

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IMO NEWS & EVENTS

WHAT’S NEW

IMO Assembly elects new 40-Member Council

The Assembly of the International Maritime Organization has elected the following States to be Members of its Council for the 2020-2021 biennium:

Category (a) 10 States with the largest interest in providing international shipping services:
China, Greece, Italy, Japan, Norway, Panama, Republic of Korea, Russian Federation, United Kingdom, United States.

Category (b) 10 States with the largest interest in international seaborne trade:
Argentina, Australia, Brazil, Canada, France, Germany, India, the Netherlands, Spain and the United Arab Emirates. More…

IMO Secretary-General opens 31st Assembly with a call for concrete action

The Secretary-General of the International Maritime Organization (IMO), Mr. Kitack Lim, has opened the Organization's 31st Assembly session, calling for concrete action to address climate change and other challenges.

"In so many areas, we are now at a crossroads. In the next biennium, IMO will need to deliver tangible and concrete action – to ensure our strategies, plans and roadmaps are achieved. I am confident that, together, we can succeed," Mr. Lim said. More…

Preparations intensify as 1 January 2020 global cut in sulphur in ship’s fuel oil looms

"IMO 2020" requirements for ships to cut sulphur oxide emissions enter into effect in just over one month's time. This will significantly reduce air pollution from ships with positive benefits for human health and the environment.

The new requirement means that the global limit for sulphur in fuel oil used on board ships will be reduced to 0.50% m/m (mass by mass). Within designated emission control areas (ECAs), the limit will remain at 0.10%. The new limit will be mandatory, under a regulation in Annex VI of IMO's MARPOL convention for the prevention of pollution from ships. More…

IMO MEETINGS FOR 2019

Council Extraordinary Session, 30th session, 21-22 November 2019

IMO Assembly, 31st session, 25 November-4 December 2019
LATEST PRESS BRIEFINGS

India accession brings ship recycling convention a step closer to entry into force
Briefing: 31, November 28, 2019

International Maritime Prize for 2018 presented to Mr. Joseph J. Angelo (United States)
Briefing: 30, November 26, 2019

American rescuer who saved four recognized with IMO bravery accolade
Briefing: 29, November 26, 2019

IMO pushes forward with work to meet ship emission reduction targets
Briefing: 26, November 15, 2019

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Assembly 31st session, 25 November-4 December 2019 (Opening address)

World Maritime University Graduation 2019, Malmö, Sweden, 3 November 2019

IMO NEWS MAGAZINE  (Autumn 2019)

IMO PUBLISHING  Just Published 2019  November 2019 Newsletter
UN Climate Change Statement on COP25. United Nations Framework Convention on Climate Change (UNFCCC). 30 October 2019. Available from: https://unfccc.int/news/un-climate-change-statement-on-cop25 Earlier today, I was informed of the decision by the Government of Chile not to host COP25 in view of the difficult situation that the country is undergoing.

Climate experts pledge to scale up high-altitude fight against mountain melt. UN News. 31 October 2019. Available from: https://news.un.org/en/story/2019/10/1050361 In a call for action at the end of this week’s High Mountain Summit to tackle the global warming causing glaciers to retreat, along with snow fields, permafrost and associated ecosystems - collectively called the cryosphere - the World Meteorological Organisation and partners announced they would step up commitments on the issue of water security and natural disasters linked to melting ice in mountain regions.


COP25: UN climate change conference, 5 things you need to know. UN News. 29 November 2019. Available from: https://news.un.org/en/story/2019/11/1052251 Climate change is happening—the world is already 1.1°C warmer than it was at the onset of the industrial revolution, and it is already having a significant impact on the world, and on people’s lives.
CASUALTIES

Three killed in explosion on Russian tanker. Gary Dixon. TradeWinds. 4 November 2019. Available from: https://www.tradewindsnews.com/casualties/three-killed-in-explosion-on-russian-tanker/2-1-699732 The chief officer and two colleagues were thrown into the sea by the blast on the 3,300-dwt Zaliv Amerika (built 1989) at Nakhodka on Saturday, Russian media reported.


Prosecution to launch special probe into Sewol ferry sinking. Yonhap News Agency (South Korea). 6 November 2019. Available from: https://m-en.yna.co.kr/view/AEN20191106007400315 South Korea's state prosecution on Wednesday announced plans to establish a special unit to investigate the 2014 Sewol ferry sinking, one of the country's worst maritime disasters that killed more than 300.


Moby ferry runs aground off Stockholm after power failure. Dale Wainwright. TradeWinds. 7 November 2019. Available from: https://www.tradewindsnews.com/casualties/moby-ferry-runs-aground-off-stockholm-after-power-failure/2-1-702162 The incident involved Moby SPL’s 37,600-gt Princess Anastasia (built 1986) which was said to be carrying around 1,000 passengers at the time of the incident.


Part one report on the collision on 8 November 2018 between the frigate HNoMS Helge Ingstad and the oil tanker Sola TS outside the Sture Terminal in the Hjeltefjord in Hordaland county. Accident Investigation Board Norway (AIBN). 8 November 2019. Available from: https://www.aibn.no/Marine/Published-reports/2019-08-eng The AIBN’s investigation has shown that the situation in the Hjeltefjord was made possible by a number of operational, technical, organisational and systemic factors. Summary Report


One Korean dead, two Russians rescued in ship accident. *Yonhap News Agency (South Korea)*. 25 November 2019. Available from: https://en.yna.co.kr/view/AEN20191125003800315 A South Korean seaweed farmer was found dead on a small capsized boat in waters off the southwestern coast Monday, while his two Russian colleagues were rescued after hours of drifting in freezing weather, maritime police said.


ENVIRONMENT


Ocean could be key to future food security. *High Level Panel for a Sustainable Ocean Economy (HLP).* 19 November 2019. Available from: [https://oceanpanel.org/ocean-could-be-key-future-food-security](https://oceanpanel.org/ocean-could-be-key-future-food-security). A new scientific paper(1) written for the High Level Panel a Sustainable Ocean Economy(2) finds that, with better management and technological innovation, the ocean could provide over six times more food than it does today - more than two thirds(3) of the animal protein that will be needed to feed the future global population, according to estimates from the Food and Agriculture Organization of the United Nations (FAO). [The Future of Food from the Sea](https://theconversation.com/how-melting-ice-in-antarctica-affects-indonesia-ipcc-scientist-explains-126618) Scientists, politicians and people of Iceland recently placed a plaque mourning the loss of Okjokull glacier.


Whales are vital to curb climate change - this is the reason why. Katharine Rooney. *World Economic Forum*. 29 November 2019. Available from: [https://www.weforum.org/agenda/2019/11/whales-carbon-capture-climate-change/](https://www.weforum.org/agenda/2019/11/whales-carbon-capture-climate-change/) Whales store huge amounts of CO2; they support the growth of phytoplankton, which stores 40% of all carbon produced; a 1% increase in phytoplankton productivity is equivalent to 2 billion mature trees.


**ENVIRONMENTAL POLLUTION**

Greece probes five vessels in connection with Brazil oil spill. Harry Papachristou. *TradeWinds*. 6 November 2019. Available from: [https://www.tradewindsnews.com/casualties/greece-probes-five-vessels-in-connection-with-brazil-oil-spill/2-1-701316](https://www.tradewindsnews.com/casualties/greece-probes-five-vessels-in-connection-with-brazil-oil-spill/2-1-701316) Four Greek shipmanagement companies, all of them top names in the tanker business, were identified as potential suspects in connection with an oil spill in Brazil and have been asked to provide data to authorities.


Brazil adds four other tankers as suspects for oil spill. Renee Maltezou and Marcelo Teixeira. *Reuters*. 7 November 2019. Available from: [https://www.reuters.com/article/us-brazil-oil-spill/brazil-adds-four-other-tankers-as-suspects-for-oil-spill-idUSKBN1XH009](https://www.reuters.com/article/us-brazil-oil-spill/brazil-adds-four-other-tankers-as-suspects-for-oil-spill-idUSKBN1XH009) After initially naming only one ship, Brazilian authorities have added four more tankers as suspects in the investigation into the source of oil tarring its coastline over the past two months, according to a document on Wednesday.


In its 57th issue CHIRP pays attention to deliberate acts of pollution allegedly carried out on a nightly basis on board a vessel, as reported by a member of the engine room crew.

When it comes to cleaning up the Oceans, technology may be good but education is even better. Denis Loctier. *Euronews*. 15 November 2019. Available from: [https://www.euronews.com/2019/11/15/when-it-comes-to-cleaning-up-the-oceans-technology-may-be-good-but-education-is-even-better](https://www.euronews.com/2019/11/15/when-it-comes-to-cleaning-up-the-oceans-technology-may-be-good-but-education-is-even-better)

Every year, volunteers gather to clean up some of the mess.


Sir David was speaking as he and the BBC’s Natural History Unit (NHU) were announced as the winners of the prestigious Chatham House Prize for their Blue Planet II series of documentaries.


A VLCC has been identified as a possible culprit in the oil spill off the country’s northeast coast in July, according to researchers at a satellite image analysis centre in Brazil.


The Sea Grant Oil Spill Science Center and the Gulf Research Program of the National Academies of Sciences, Engineering, and Medicine convened the workshops starting in 2018.


Members of The Women’s International Shipping and Trading Association (WISTA), Women in Maritime Association- Caribbean (WiMAC) and the Caribbean Marine Environment Protection Association (CARIBMEPA) met up to clean portions of 7-Milea beach in Grand Cayman last week.


Oil spills in the ocean can cause devastation to wildlife, so effective cleanup is a top priority. One method to clean up oil spills is by burning, which only works if the oil is heavily concentrated in one area.
HEALTH & SAFETY

How organisations can better support lone workers and reduce mental ill-health risk. 
Cardiff University (UK). 6 November 2019. Available from: https://www.iosh.com/more/news-listing/how-organisations-can-better-support-lone-workers-and-reduce-mental-ill-health-risk/ Long working hours, isolation and extended periods of time away from home could be putting workers at risk of developing mental health issues such as anxiety and depression.


IMO

IMO's pollution chief says environmental barriers will trump trade. Anastassios Adamopoulos. Lloyd's List. 1 November 2019. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1129785/IMOs-pollution-chief-says-environmental-barriers-will-trump-trade IMO official is confident the sector is well prepared for the 2020 sulphur cap — despite acknowledging there will likely be implementation issues at the start — and stresses to governments that regulatory certainty will be necessary if the organisation is to maintain credibility.


IMO Secretary-General: "Without Sustainability, We Cannot Survive". World Maritime News. 5 November 2019. Available from: https://worldmaritimenes.com/archives/285888/imo-secretary-general-without-sustainability-we-cannot-survive/ At the opening ceremony of the international conference on “Sustainable Maritime Development Towards 2030 and Beyond” being held in Jeddah, World Maritime News had the opportunity to speak to Mr. Kitack Lim, IMO Secretary-General.


Greek shipping minister urges ‘practical solutions’ to 2020 implementation issues.


IMO revs up carbon campaign as regulators meet. Adam Corbett. TradeWinds. 11 November 2019. Available from: https://www.tradewindsnews.com/regulation/imo-revs-up-carbon-campaign-as-regulators-meet/2-1-704132 Shipping regulators from around the world are gathering at the IMO in London this week hoping to make progress on developing a series of mandatory measures to dramatically reduce shipping’s carbon footprint.

The IMO should give clear direction on the preferred short-term measures to cut emissions. UK Chamber of Shipping. 11 November 2019. Available from: https://www.ukchamberofshipping.com/latest/imo-should-give-clear-direction-preferred-short-term-measures-cut-emissions/ Shipping is six times more efficient than trucks and over 40 times more efficient than a freight aircraft as a mode of transport, but we know there is more to do to cut emissions and that is why we have called for a green industrial revolution to make the UK a world leader in developing the green technologies of tomorrow.


IMO makes positive progress in agreeing a goal-based approach to help cut emissions. UK Chamber of Shipping. 15 November 2019. Available from: https://www.ukchamberofshipping.com/latest/imo-makes-positive-progress-agreeing-goal-based-approach-help-cut-emissions/ The IMO, which met in London this week to discuss how the shipping industry can continue to decarbonise, has agreed that a mandatory goal-setting approach is the best way to reduce carbon emissions in the short-term.

Shipping climate talks in the slow lane over speed reduction measures. Eoin Bannon. Transport & Environment. 15 November 2019. Available from: https://www.transportenvironment.org/press/shipping-climate-talks-slow-lane-over-speed-reduction-measures The lack of progress and low ambition shown at this week’s round of negotiations to reduce shipping’s contribution to the climate crisis is deeply concerning and disappointing, the Clean Shipping Coalition (CSC)[1][2] has said.
ECSA: "IMO Intersessional Working Group was good and fruitful preparatory work". European Community Shipowners’ Associations (ECSA). 15 November 2019. Available from: https://www.ecsa.eu/news/ecsa-imo-intersessional-working-group-was-good-and-fruitful-preparatory-work During this week’s Intersessional meeting, a majority of ambitious member states, particularly from Europe, decided to cooperate closely with core states from Asia and South America in order to be able to adopt concrete CO2 reduction measures as early as next spring for the MEPC 75.


IMO needs to clarify ‘ambiguous’ decarbonisation goals, expert warns. Holly Birkett. TradeWinds. 19 November 2019. Available from: https://www.tradewindsnews.com/regulation/imo-needs-to-clarity-ambiguous-decarbonisation-goals-expert-warns/2-1-708604 The IMO needs to clarify whether shipping will be required to decarbonise by choosing to meet either technical and operational goals, or by combining both approaches, a leading academic has told TradeWinds.


Lacking consensus, IMO’s CO2 talks enter a difficult phase. Max Tingyao Lin. TradeWinds. 20 November 2019. Available from: https://www.tradewindsnews.com/regulation/lacking-consensus-imo-s-co2-talks-enter-a-difficult-phase/2-1-709678 IMO discussions over decarbonisation measures have entered a tough phase, with member states and industry stakeholders clashing over the best technical and operational means to reduce greenhouse gas (GHG) emissions.


**LAW & POLICY**


**Nigerian Damilola Ogunbiyi gets top UN sustainable energy job.** Chloé Farand. *Climate Home News.* 30 October 2019. Available from: [https://www.climatechangenews.com/2019/10/30/nigerian-damilola-ogunbiyi-gets-top-un-sustainable-energy-job/](https://www.climatechangenews.com/2019/10/30/nigerian-damilola-ogunbiyi-gets-top-un-sustainable-energy-job/) Damilola Ogunbiyi, the first woman head of the Nigerian Rural Electrification Agency, has been appointed to lead the UN’s efforts to bring clean energy to the world’s poorest.

Wellington ferry company fined $380,000 after grounding. *Maritime New Zealand.*


Available from: [https://barbadostoday.bb/2019/11/03/regional-maritime-security-strategy-coming/](https://barbadostoday.bb/2019/11/03/regional-maritime-security-strategy-coming/) Maritime security must expand its scope beyond the traditional threats of illicit drugs and arms trafficking to include economic enablers that contribute to the blue economy.

Available from: [https://splash247.com/italy-votes-for-a-mediterranean-eca/](https://splash247.com/italy-votes-for-a-mediterranean-eca/) Following Spain and France, Italy has now voted for the creation of an ECA in the Mediterranean basin.

Canada’s Oceans Protection Plan Needs Improvement. *Chamber of Shipping of British Columbia.*


Saudi Arabia gives priority to maritime growth. Mohammed Al-Kinani. *Arab News (Saudi Arabia).*

6 November 2019. Available from: [https://www.arabnews.com/node/1579666/saudi-arabia](https://www.arabnews.com/node/1579666/saudi-arabia) Saudi Arabia has highlighted the importance of developing the maritime industry, not only locally but also internationally — as well as preserving the sustainable growth of the “blue economy.”


Economic opportunity should see US get on board with shipping clean-up. Heather Zichal. *Climate Home News*. 12 November 2019. Available from: [https://www.climatechangenews.com/2019/11/12/economic-opportunity-see-us-get-board-shipping-clean/](https://www.climatechangenews.com/2019/11/12/economic-opportunity-see-us-get-board-shipping-clean/) However much the current administration tries to unwind that progress, everyone now pretty much accepts that we don’t have to damage our kids’ health in order to secure our power supply – we simply have better options.


United States sitting out race to mine ocean floor for metals essential to electronics. *CBS News (US)*. 13 November 2019. Available from: [https://cbsn.ws/36ghiiY](https://cbsn.ws/36ghiiY) China and other countries are racing to be the first to mine trillions of dollars worth of metals used in cell phones, supercomputers and more, while the U.S. is on the sidelines.


Available from: [https://www.rivieramm.com/news-content-hub/sts---are-tankers-sanction-busting-56799](https://www.rivieramm.com/news-content-hub/sts---are-tankers-sanction-busting-56799) A huge crude oil slick washing up on the beaches of Brazil has been blamed on secretive STS operations off the coast of Venezuela, begging the question, is enough being done to monitor such actions?


Chagos Islands dispute: UK misses deadline to return control. *BBC News.* 22 November 2019. Available from: [https://www.bbc.co.uk/news/uk-50511847](https://www.bbc.co.uk/news/uk-50511847) The UK has been called an illegal colonial occupier by Mauritius after it ignored a deadline to return control of an overseas territory to the island nation.

Vella: EU leadership on oceans governance is a priority for my successor. Gerardo Fortuna. *EurActiv.* 25 November 2019. Available from: [https://www.euractiv.com/section/agriculture-food/interview/vella-eu-leadership-on-oceans-governance-is-a-priority-for-my-successor/](https://www.euractiv.com/section/agriculture-food/interview/vella-eu-leadership-on-oceans-governance-is-a-priority-for-my-successor/) The EU’s outgoing Fisheries Commissioner, Karmenu Vella, warned that climate change and biodiversity loss were putting the earth’s ecosystems dangerously close to a tipping point, and pleaded for his successor to carry on the International Ocean Governance (IOG) put in place during his five-year mandate.


**MARINE TECHNOLOGY**


Adoption of fully automated shipping will take decades, not years. *Kennedys Law LLP.* 27 November 2019. Available from: [https://www.kennedyslaw.com/news/adoption-of-fully-automated-shipping-will-take-decades-not-years/](https://www.kennedyslaw.com/news/adoption-of-fully-automated-shipping-will-take-decades-not-years/) The UK is the second least supportive nation in their attitude towards the development of unmanned vessels, according to our study across six territories (United Kingdom, United States, Australia, China, Singapore and Hong Kong), and the least supportive of autonomous vehicles more generally.


**MARITIME EDUCATION & TRAINING**


Addressing training requirements on LNG fuelled ships. *Safety4Sea*. 4 November 2019. Available from: [https://safety4sea.com/cm-addressing-training-requirements-on-lng-fueled-ships/](https://safety4sea.com/cm-addressing-training-requirements-on-lng-fueled-ships/) During the 2019 SAFETY4SEA Athens Forum, Mr. Stavros Niotis, Principal Engineer OEP, ABS, discusses the STCW requirements of seafarers’ training, noting the three training types and the importance of seafarer competency and knowledge of people on board the sea.


All Hands Must be on Deck for Educational Development, Says Dakuku. Ahamefula Ogbu. *This Day (Nigeria)*. 16 November 2019. Available from: [https://www.thisdaylive.com/index.php/2019/11/16/all-hands-must-be-on-deck-for-educational-development-says-dakuku/](https://www.thisdaylive.com/index.php/2019/11/16/all-hands-must-be-on-deck-for-educational-development-says-dakuku/) The Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA) Dr. Dakuku Peterside has called on well-meaning Nigerians and Corporate Organisations to support education at all levels in the country, as education was the major panacea for the growth and development of Nigeria.
MoU Signed with the International Maritime Academy, Lebanon. World Maritime University (WMU). 18 November 2019. Available from: https://www.wmu.se/news/mou-signed-international-maritime-academy-lebanon The World Maritime University (WMU), established within the framework of the International Maritime Organization (IMO), and the International Maritime Academy (IMA) of Lebanon have signed a Memorandum of Understanding (MoU) regarding their mutual interests in marine and maritime education and training, maritime safety, security and marine environmental management.


Competence assurance for ship’s crew. Robert Rayner. Splash 247.com. 22 November 2019. Available from: https://splash247.com/competence-assurance-for-ships-crew/ Competence assurance is well understood and practiced in the offshore oil and gas sector, so this article by Robert Rayner from IDESS Interactive Technologies is aimed more at the shipping sector, where it does not seem to be so widely practiced.

VR in maritime training: focus on what motivates learning not the technology. Marcus Hand. Seatrade Maritime News. 22 November 2019. Available from: https://www.seatrade-maritime.com/technology/vr-maritime-training-focus-what-motivates-learning-not-technology As innovations such as VR and gamification are introduced into maritime training people should not get too caught up in the technology, but instead focus on what motivates individuals to learn.


**MARITIME SAFETY**


Can shipping merge digital solutions with traditional ones safely? Samantha Fisk.  
Cyber-awareness and safety needs to be at the fore for shipping and maritime companies as new fast and connected digital technologies mix with more traditional ones in ways no one has really seen before.

CS criticised for failing to act on 'lax' ferry bosses. Moses Njagih. Standard Digital (Kenya).  
Transport Cabinet Secretary James Macharia was at pains to explain why the management of Kenya Ferry Services (KFS) was still in office even after the State corporation's board was sent packing following a recent disaster.

The European Union (EU) is providing €12m ($13.3m) of funding for a project to find a solution to the continuing problem of fires on ro-ro vessels.

The ABS Guide for Fire-Fighting Systems for Cargo Areas of Container Carriers has just been published, in an industry first.

The risk of shipboard fire may have increased as more lithium-battery powered devices find their way on board and as a result of vessels being left unattended in lay-up.

Ferry crew find 25 stowaways in UK-bound refrigerated container. BBC News.  
Police in the Netherlands have arrested a Romanian lorry driver after 25 stowaways were found in a refrigerated container on a ferry bound for the UK.

In a rapidly-evolving maritime sector, attention needs to be paid to the safety of seafarers, said Vice Admiral R.B. Pandit, Chief of Staff of the Western Naval Command.

InterManager thanks seafarers for supporting its Enclosed Spaces Campaign. InterManager.  
A key component for InterManager's campaign to address these dangers is feedback received from the seafarers who regularly face these risks.

New safety guidance for stowage of dangerous goods on containerships. GARD.  
Container ship fires are a growing concern. Fires, originating from dangerous goods in containers, whether wrongly declared or not, occur with alarming frequency.

**MARITIME SECURITY**


Joint ECSA-ICS Statement on the attack to the Norwegian ‘MV BONITA’. European Community Shipowners’ Associations (ECSA). 4 November 2019. Available from: https://www.ecsa.eu/news/joint-ecsa-ics-statement-attack-norwegian-mv-bonita The Norwegian flagged bulk carrier ‘MV BONITA’, owned by Ugland Shipping AS was boarded by pirates, while she was at anchor off Cotonou in Benin, early Saturday morning. Nine crewmembers, including the captain were taken off the vessel.

UAE to take over Indian Ocean maritime and trade group this week. The National (United Arab Emirates). 4 November 2019. Available from: https://www.thenational.ae/uae/government/uae-to-take-over-indian-ocean-maritime-and-trade-group-this-week-1.933184 The UAE will take over the chair of an international group of nations focused on maritime security and trade this week.

2 Filipino seafarers, 2 others kidnapped by suspected pirates off Togo: navy. ABS-CBN (Philippines). 4 November 2019. Available from: https://news.abs-cbn.com/overseas/11/04/19/2-filipino-seafarers-2-others-kidnapped-by-suspected-pirates-off-togo-navy Four sailors, including 2 Filipinos, were kidnapped and a guard was shot and wounded when suspected pirates stormed an oil tanker off the coast of Togo on Monday, the country’s navy said.
US Emphasizes International Resolve to Protect Gulf Security. *Asharq Al-Awsat.*

BIMCO and ICS publish new cyber security guide for crew on board. *Aron Soerensen. BIMCO.*


Costs of abduction and ransom pile pressure on insurers. *Adam Corbett. TradeWinds.*

Iran says 3 tankers attacked in Red Sea in six-month period, warns route unsafe. *Times of Israel.* 7 November 2019. Available from: [https://www.timesofisrael.com/iran-says-three-tankers-attacked-in-red-sea-in-six-month-period](https://www.timesofisrael.com/iran-says-three-tankers-attacked-in-red-sea-in-six-month-period) Iranian tankers have been targeted in the Red Sea three times in the past six months, the Islamic Republic said last week, warning the international community the shipping route was unsafe.

UK lowers security level for its ships in Strait of Hormuz. *Kate Holton, Guy Faulconbridge and Jonathan Saul. Reuters.*
7 November 2019. Available from: [https://reut.rs/2sUHsJC](https://reut.rs/2sUHsJC) Britain lowered its security risk level for UK-flagged ships travelling through the Strait of Hormuz on Thursday, more than a month after one of its tankers was finally released from detention by Iran.


Iran warns IMO of "unsafe" waters following ship attack. *Søren Pico. ShippingWatch.*
8 November 2019. Available from: [https://shippingwatch.com/secure/carriers/Tanker/article11744246.ece](https://shippingwatch.com/secure/carriers/Tanker/article11744246.ece) Iran has approached the UN's International Maritime Organization, IMO, to warn about what the country describes as "unsafe" commercial routes in the Red Sea, writes the Wall Street Journal, based on a letter sent by Iran on Oct. 30, according to the media.


Mombasa holds high level meeting to implement Maritime Security. *Kenya Broadcasting Corporation (KBC).* 14 November 2019. Available from: https://www.kbc.co.ke/mombasa-holds-high-level-meeting-to-implement-maritime-security/ A high level meeting is underway in Mombasa to implement the Djibouti Code of Conduct (DCoC) that has been instrumental in repressing piracy and armed robbery against ships in the western Indian Ocean and the Gulf of Aden.


2 S. Koreans seized by Houthi rebels in Red Sea: Seoul officials. Yonhap News Agency (South Korea). 19 November 2019. Available from: https://en.yna.co.kr/view/AEN20191119002851325 Houthi rebels in Yemen seized three boats carrying two South Koreans and 14 others in the Red Sea this week, and all of them have been confirmed to be safe, Seoul’s foreign ministry said Tuesday.

Civilian CSDP: coordinating international support for maritime security in Somalia. 


**MIGRANTS**


Channel migrants: Border Force intercepts boat carrying 22 people at Dover. *BBC News.* 11 November 2019. Available from: [https://www.bbc.co.uk/news/uk-england-kent-50367348](https://www.bbc.co.uk/news/uk-england-kent-50367348) Border Force said it was alerted to an inflatable boat travelling across the English Channel towards the coast at about 07:00 GMT.

IOM reports that 91,568 migrants and refugees have entered Europe by sea through 13 November, roughly an 11 per cent decrease from the 103,347 arriving during the same period last year.


IOM reports that 95,600 migrants and refugees have entered Europe by sea through 20 November, roughly an 8 per cent decrease from the 104,535 arriving during the same period last year.


Italian coast guards on Saturday said they had rescued 143 migrants off the island of Lampedusa although around 20 others were apparently missing according to the survivors.


Twenty-one people lost their lives in a shipwreck off the coast of Lampedusa, Italy, on Saturday (23/11) when a boat, carrying 170 Europe-bound migrants, capsized 1.6km from the island as it was being escorted by the coast guard.

**NAVIGATION & COMMUNICATIONS**


During a recent transit past disputed Scarborough Shoal in the South China Sea, the Greek-owned tanker *Green Aura* was harassed by Chinese government vessels, her master told Philippine media last week.


When ships burn fossil fuels, they release airborne particles containing various naturally occurring chemicals, including sulphur.


An overtaking situation might not be clear cut every time.


Norway's JJ Ugland is considering whether it will continue to operate off West Africa following the abduction of nine crew from its bulker *Bonita* on Saturday.


Arctic Ocean could be ice-free for part of the year as soon as 2044. Katharine Reich. *University of California.* 18 November 2019. Available from: [https://www.universityofcalifornia.edu/news/arctic-ocean-could-be-ice-free-part-year-soon-2044](https://www.universityofcalifornia.edu/news/arctic-ocean-could-be-ice-free-part-year-soon-2044) But according to a new study by UCLA climate scientists, human-caused climate change is on track to make the Arctic Ocean functionally ice-free for part of each year starting sometime between 2044 and 2067.


3D technologies used for the first time to map Seychelles’ Fregate island marine habitats. Salifa Karapetyan. *Seychelles News Agency.* 21 November 2019. Available from: [http://www.seychellesnewagency.com/articles/11988/D+technologies+used+for+the+first+time+to+map+Seychelles+Fregate+island+marine+habitats](http://www.seychellesnewagency.com/articles/11988/D+technologies+used+for+the+first+time+to+map+Seychelles+Fregate+island+marine+habitats) State of the art technologies, such as 3D virtual reef mosaics, will be used to raise public awareness of the threats facing coral reefs and marine conservation.


**PIRACY**


He was hijacked by pirates - and then mistaken for one. Tomi Oladipo. *Mail & Guardian (South Africa)*. 8 November 2019. Available from: [http://atavist.mg.co.za/he-was-hijacked-by-pirates-and-then-mistaken-for-one](http://atavist.mg.co.za/he-was-hijacked-by-pirates-and-then-mistaken-for-one) The Gulf of Guinea, off the West African coastline, is probably the world’s most dangerous sea route.


**PORT STATE CONTROL**


**PORTS & HARBOURS**


Belgium’s Euronav picks Malaysia port as eastern supply base for marine fuels. Roslan Khassawneh. *Reuters*. 12 November 2019. Available from: [https://reut.rs/35agMTG](https://reut.rs/35agMTG) Belgian tanker operator Euronav signed a service agreement on Tuesday making Malaysia’s Linggi Port its supply base providing low-sulphur marine fuels and other services for ships plying East-of-Suez routes, the port operator said.


Ports survey shows importance of spending on climate-resistant infrastructure. Sam Chambers. Splash 247.com. 13 November 2019. Available from: https://splash247.com/ports-survey-shows-importance-of-spending-on-climate-resistant-infrastructure/ Ports covering every major ocean as well as inland ports and waterways have confirmed the increase in frequency and severity of extreme weather events and the serious impact these have had on infrastructure and operations.


Ports of Los Angeles and Copenhagen Malmö Port sign collaborative agreement on sustainability, environment. Port of Los Angeles. 18 November 2019. Available from: https://www.portoflosangeles.org/references/news_111819_copenhagen_mou The Ports of Los Angeles and Copenhagen Malmö Port AB (CMP) have entered into a five-year Memorandum of Understanding (MOU) to collaborate on sustainability and environmental issues.


REGULATIONS


Sulfur cap 2020 update. The American Club. 30 October 2019. Available from: https://www.american-club.com/files/files/MA_103019_Sulfur_Cap_2020_Update.pdf In view of the fast approaching IMO 2020 legislation, Members are reminded of some important issues to consider and ensure to have in place prior to January 1, 2020 including preparations for port State control (PSC) inspections.


Sulphur 2020: Checkpoint for charterers. Lloyd’s Register. 5 November 2019. Available from: https://www.lr.org/en/insights/articles/sulphur-2020-checkpoint-for-charterers/ With the clock ticking, Chris Hughes, LR’s Global Lead, Shipping Markets, appointed in September, hopes to provide charterers and cargo interests with the tools to seek assurances that the right measures have been put in place to mitigate the risk of port detention due to non-compliance with MARPOL Annex VI Regulation 14.1.3.


Ministries respond to public concerns. Government of China. 7 November 2019. Available from: http://english.www.gov.cn/statecouncil/ministries/201911/07/content_WS5dc36fcd6d0bcbf8c4c16ad5.html In order to implement the International Maritime Organization's guidance on sulfur limits, the plan clarifies the measures to be taken in dealing with ships that do not meet fuel standards, establishes a nationwide system to report information about ship fuel, and strengthens the supervision of ships on international routes arriving in Chinese waters.


Indonesia Ministry of Transport confirms country’s IMO 2020 decision. 


**SALVAGE**

Now, Goa chief minister Pramod Sawant says Dutch firm to remove naphtha from *Nalini*.  
Chief minister Pramod Sawant said on Tuesday that the Netherlands-based company Marine Masters would salvage *Nu-Shi Nalini*, which is stranded off Dona Paula, and remove the naphtha from it.

**SEAFARERS**

From Papua New Guinea to Singapore, New Caledonia, Fiji and Australia, five young Papua New Guinean women are following their dreams of becoming future deck officers in the maritime industry.

Mr. Harald Solberg, chief executive officer of the Norwegian Shipowners’ Association (NSA), says the Norwegian shipowners will continue to hire seafarers from the Philippines.

For the first time the study also identified a link between depression, anxiety and suicidal thoughts and a likely increase in injury and illness. Final Report

The International Transport Workers’ Federation (ITF) and the Kingdom of Saudi Arabia have committed to work closer together to support seafarers calling in all Saudi Arabia ports.

A vessel owned by Norwegian shipping firm J.J. Ugland was boarded by pirates while at anchor off the coast of Benin on Saturday, and nine crew members were kidnapped, the company said on Sunday.

Pirates have hit a second vessel within days in West Africa kidnapping four seafarers from the Greek tanker *Elka Aristotle* off Lome, Togo.

The Department of Labor and Employment (DOLE) on Tuesday said the employer of the two Filipino seafarers who were reportedly abducted by armed pirates in Greece is coordinating with local authorities for the safety and immediate release of the captives.
Seafarers’ mental health and wellbeing. *Institution of Occupational Safety and Health (IOSH)*. 6 November 2019. Available from: [https://www.iosh.com/seafarerswellbeing](https://www.iosh.com/seafarerswellbeing) This research, conducted by Cardiff University, set out to discover the extent of mental health risks on vessels, what the causes are and what can be done to improve mental wellbeing among seafarers.

Summary Report [🔗] Full Report [🔗]


Seafarer survey shows internet access is a key benefit for senior staff. *Danica Maritime Services*. 18 November 2019. Available from: [http://www.danica-maritime.com/index.php?id=67](http://www.danica-maritime.com/index.php?id=67) Shipping companies should be aware that it is not only salary levels that determine which employer a seafarer selects– fringe benefits are playing an important role in attracting and keeping senior staff, a crew survey has revealed.

A new partnership between ISWAN and ShipMoney providing relief to seafarers in need. *Hellenic Shipping News*. 18 November 2019. Available from: [https://www.hellenicshippingnews.com/a-new-partnership-between-iswan-and-shipmoney-providing-relief-to-seafarers-in-need/](https://www.hellenicshippingnews.com/a-new-partnership-between-iswan-and-shipmoney-providing-relief-to-seafarers-in-need/) The initiative will launch on November 18th at the Crew Connect conference in Manila and will be available to seafarers and their families—including parents, spouses, children, and siblings—who can demonstrate that they or their family are experiencing some form of hardship that impacts their livelihood or income.


Looking after seafarers’ wellbeing over the festive season should be a priority, says Hanseaticsoft. *Hellenic Shipping News*. 28 November 2019. Available from: [https://www.hellenicshippingnews.com/looking-after-seafarers-wellbeing-over-the-festive-season-should-be-a-priority-says-hanseaticsoft/](https://www.hellenicshippingnews.com/looking-after-seafarers-wellbeing-over-the-festive-season-should-be-a-priority-says-hanseaticsoft/) With the festive season approaching the wellbeing of seafarers is something shipping companies should prioritise as it can be a very challenging time for those who are away from family and friends over Christmas, says Alexander Buchmann, Managing Director of Hanseaticsoft GmbH.

**SEARCH & RESCUE**


‘We have to get these seafarers back home’. Kim Link-Wills. *Freight Waves*. 19 November 2019. Available from: [https://www.freightwaves.com/news/we-have-to-get-these-seafarers-back-home](https://www.freightwaves.com/news/we-have-to-get-these-seafarers-back-home) In 2018, 188 seafarers around the globe died on the job, according to Anuj Chopra, vice president of the Americas for RightShip, a maritime risk management and environmental assessment organization.


Rescuers race to save 14,600 sheep after cargo ship capsizes in Black Sea *The Guardian*. 25 November 2019. Available from: [https://www.theguardian.com/world/2019/nov/25/rescuers-race-to-save-14600-sheep-after-cargo-ship-capsizes](https://www.theguardian.com/world/2019/nov/25/rescuers-race-to-save-14600-sheep-after-cargo-ship-capsizes) Rescuers were struggling to save 14,600 sheep after the cargo ship they were being carried on capsized in the Black Sea off the coast of Romania.

**SHIP RECYCLING**


Maersk has to explain re-flagging of scrapped ships to Danish authorities. Niklas Krigslund. *ShippingWatch*. 21 November 2019. Available from: [https://shippingwatch.com/secure/carriers/Container/article11771502.ece](https://shippingwatch.com/secure/carriers/Container/article11771502.ece) The Danish Environmental Protection Agency has asked Maersk to explain why the company out-flagged four ships from Denmark which were then shortly thereafter scrapped on the beaches in the Indian coastal region Alang.

Consultant urges EU to approve Indian yards. Niklas Krigslund. *ShippingWatch*. 22 November 2019. Available from: [https://shippingwatch.com/secure/carriers/article11773024.ece](https://shippingwatch.com/secure/carriers/article11773024.ece) A leading Danish recycling consultant says that India’s best shipbreaking yards have improved so much that the EU should approve them for scrapping European ships.

Minister says Maersk’s out-flagging of scrapped ships is striking. Niklas Krigslund. *ShippingWatch.* 26 November 2019. Available from: [https://shippingwatch.com/secure/carriers/article11781453.ece](https://shippingwatch.com/secure/carriers/article11781453.ece) It could seem striking that Maersk has out-flagged four ships from Denmark which less than a year later wound up as scrap in Alang, says Danish Minister for the Environment Lea Wermelin.


**SHIPBUILDING & SHIPREPAIR**


Shipbuilding social partners call for urgent action to safeguard European industry and its workers! *IndustriALL Global Union.* 8 November 2019. Available from: [https://news.industriall-europe.eu/Article/384](https://news.industriall-europe.eu/Article/384) At their meeting today, the European social partners for the maritime technology sector, industriAll Europe and SEA Europe, are once again joining forces and call for a strong commitment from EU policy makers to defend European industry and protect European jobs. [European Social Partners Manifesto Maritime Technology: A Strategic Sector for Europe](https://news.industriall-europe.eu/Article/384)


A midlife crisis? Ships above 15 years may miss the cut for ballast water system installation.
William Burroughs. Splash 247.com. 19 November 2019. Available from: https://splash247.com/a-midlife-crisis-ships-above-15-years-may-miss-the-cut-for-ballast-water-system-installation/ Analysis from classification society ABS suggests that vessels up to 15 years of age are likely to be the oldest to install a ballast water management system (BWMS), with owners of ships aged 16-20 years and 21 years and above more likely to opt for scrapping.


Why more and more maritime companies are making the move towards E-vessels. Cyril Fourneris. Euronews. 25 November 2019. Available from: https://www.euronews.com/2019/11/25/why-more-and-more-maritime-companies-are-making-the-move-towards-e-vessels Ellen, the world’s most powerful all-electric ferry, has been linking two Danish islands for a few months.

Wind gets important again in ship design. Michael Grey. Seatrade Maritime News. 27 November 2019. Available from: https://www.seatrade-maritime.com/environmental/wind-gets-important-again-ship-design Any navigator with more than a few month’s experience knows that when the wind is forward of the beam, it affects the speed of the ship.

**SHIPPING**


Legislation is the biggest threat to Maersk and Cargill's ambition of CO2-free ships. Christian Carlsen and Søren Pico. ShippingWatch. 30 October 2019. Available from: https://shippingwatch.com/secure/carriers/article11722502.ece Nearly 100 different players now back the plan to launch the world's first zero-emission deep-sea ship before 2030.

UN calls for shipping ‘propulsion revolution’ to avoid ‘environmental disaster’. UN News. 30 October 2019. Available from: https://news.un.org/en/story/2019/10/1050251 If emissions from the maritime industry are not cut, we are headed for “an environmental disaster”, Isabelle Durant, the deputy head of the UN trade body, UNCTAD, told the Global Maritime Forum summit on Wednesday.


The search for shipping’s green tipping point. Richard Meade. Lloyd’s List. 30 October 2019. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1129714/The-search-for-shippings-green-tipping-point The rapid development of zero-emission vessels is an entirely feasible ‘moonshot’ for the shipping industry to reach for; but influencing the wider energy system and creating an infrastructure where dependable future fuel production can be relied upon is the challenge where the maritime sector has limited agency.


A global shipping revolution is weeks away — Here are the likely winners and losers. Sam Meredith. CNBC (US). 30 October 2019. Available from: https://www.cnbc.com/2019/10/30/imo-2020-the-winners-and-losers-of-a-global-shipping-revolution.html The biggest shake-up to the oil and shipping industry in decades is set to come into force in just over two months’ time.


Maritime decision-makers are taking the lead to shape the future of global seaborne trade. *Global Maritime Forum*. 31 October 2019. Available from: https://www.globalmaritimeforum.org/press/maritime-decision-makers-are-taking-the-lead-to-shape-the-future-of-global-seaborne-trade Decarbonization has been at the center of the discussions over the past two days at the Global Maritime Forum’s second Annual Summit in Singapore, where leaders from the entire maritime spectrum have gathered.


In line with the new cycle of the EU institutions where the European Parliament has just started its mandate and the European Commission’s College is being composed, ECSA publishes its new strategic priorities for 2019-2024.

**Sailing Ahead: European shipping sets ambitious goals for its next chapter**

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**Worldwide Price Announcement – IMO 2020 Transition Charge (ITC).** Hapag-Lloyd. 31 October 2019. Available from: https://www.hapag-lloyd.com/en/news-insights/news/2019/10/worldwide-price-announcement--imo-2020-transition-charge--itc.html The maritime industry is facing great changes, entailing a radical transformation: to remain fully compliant with latest IMO requirements, vessels may only use marine fuel (LSFO) with a maximum sulphur content of 0.5 percent, as opposed to the current capping of 3.5 percent.

**Michael Parker predicts up to 90% of shipping banks will sign up to the Poseidon Principles.** Sam Chambers. *Splash 247.com*. 31 October 2019. Available from: https://splash247.com/michael-parker-predicts-up-to-90-of-shipping-banks-will-sign-up-to-the-poseidon-principles/ One of the founders of shipping’s key green finance move, the Poseidon Principles, has said he expects the vast majority of shipping banks to sign up to the initiative soon.


Carbon levy should fund cleaner shipping fuels, say top executives. *EurActiv.*

A way to close the loop on shipping emissions that doesn’t cost the earth. *Hellenic Shipping News.* 4 November 2019. Available from: [https://www.hellenicshippingnews.com/a-way-to-close-the-loop-on-shipping-emissions-that-doesnt-cost-the-earth/](https://www.hellenicshippingnews.com/a-way-to-close-the-loop-on-shipping-emissions-that-doesnt-cost-the-earth/) Much recent focus has been on road vehicles but, with around 90 per cent of the world’s trade in goods transported by ships, it’s increasingly evident that tackling maritime emissions is essential, particularly in international waters, where no single country has jurisdiction.


ECSA’s new president does not want CO2 quotas for shipping. Metter Mandrup. *ShippingWatch.* 8 November 2019. Available from: [https://shippingwatch.com/secure/regulation/article11743737.ece](https://shippingwatch.com/secure/regulation/article11743737.ece) The EU’s MRV legislation requiring shipping companies to measure their CO2 emissions is working as intended, at least according to Claes Berglund, head of Public Affairs at Stena, who will take over the position as president of the European Community Shipowners’ Association, ECSA, from the turn of the year.

Fareed Al-Qahtani, vice chairman responsible for maritime transport at the Saudi Public Transport Authority (PTA), said the Kingdom was also supporting global efforts to protect the environment, reduce marine pollution and increase the number of women working in the sector.

The plastic continent—and how to tackle it—may be hogging the headlines, but the shipping industry—frowned upon as a notorious polluter on a massive scale—is also being effectively reined in and compelled by law to go green. EU legislation and the International Maritime Organisation (IMO) are wielding their increasingly environmental sustainability vision and doing so in a holistic manner that is impacting shipping worldwide.

Members of the Asian Feeder Discussion Group (AFDG) have unveiled plans for a bunker adjustment factor (BAF) ahead of the IMO 2020 implementation deadline.

As the International Maritime Organization’s (IMO) environmental work group gathers in London for its annual conference this week, delegates are being urged to consider new regulations to reduce ship speeds.

A lot of the stuff we buy in the U.S. comes by ship, ships that use a particularly dirty kind of fuel.

New major trends like sustainability, demographic change, urbanisation, globalisation and information technologies have already reached the shipping industry (Jahn, Brümmerstedt, Fiedler, & Renken, 2018), requiring traditional and risk averse actors to rethink their strategies.

Ahead of Marintec China Seatrade Maritime talks to Nick Brown, marine & offshore director for Lloyd’s Register, about the mega-trends of digitalisation and decarbonisation and how the classification society is positioning to help its customers with these challenges.

Microbial monitoring specialist LuminUltra recently highlighted concerns over the quality of some IMO 2020 compliant fuels blended by biodiesel with high sulphur fuel oil (HSFO) and distillates.
Maersk forced to change course in global race for environmental gains. Leonora Beck. *ShippingWatch.* 13 November 2019. Available from: https://shippingwatch.com/secure/carriers/article11752841.ece In the fight to keep costs down, A.P. Moeller-Maersk has begun to install numerous of the exhaust gas cleaning systems, scrubbers, which the group has in the past otherwise severely criticized.


German Shipowners’ association welcomes onshore power plans: VDR offers to assist with ecologically and economically sound implementation. *German Shipowners’ Association.* 13 November 2019. Available from: https://www.reederverband.de/en/press/press-release/artikel/translate-to-english-reederverband-begruessst-landstrom-plaene.html Last week the German federal government took a step to make onshore power in seaports more attractive; this week the environment ministers of the federal and state governments will be meeting in Hamburg to discuss onshore power initiatives in Germany.


Ocean freight customers face significant fuel price rise next month British International Freight Association (BIFA). 18 November 2019. Available from: https://www.bifa.org/news/articles/2019/nov/ocean-freight-customers-face-significant-fuel-price-rise-next-month Shippers and forwarders are preparing to help carriers cover the extra cost of next year’s low-sulphur fuel, including some customers on annual contracts also being asked to start paying an IMO BAF from 1 December, reports Drewry.

Barrier-Breaking. History-Making. Celebrity Cruises to Set Sail with First-Ever All-Female Bridge and Officer Team. Celebrity Cruises. 18 November 2019. Available from: https://www.celebritycruisespresscenter.com/press-release/1147/barrier-breaking-history-making-celebrity-cruises-to-set-sail-with-first-ever-all-female-bridge-and-officer-team/ While progress has been made, the reality is that only 2% of the world’s mariners are women. #BRIDGETheGap

Stand up for Shipping: UK Chamber of Shipping launches its 2019 election manifesto. UK Chamber of Shipping. 18 November 2019. Available from: https://www.ukchamberofshipping.com/latest/stand-shipping-uk-chamber-shipping-launches-its-2019-election-manifesto/ In its ‘Stand up for Shipping’ manifesto, the Chamber calls for more investment to make the UK a world leader in green maritime technology and tax credits for companies who invest in research and development to help cement the UK as a world leading shipping nation.


European Commission to Extend Liner Consortia Block Exemption. World Maritime News. 21 November 2019. Available from: https://worldmaritimene.ws/archives/286809/european-commission-to-extend-liner-consortia-block-exemption/ The European Commission is proposing to extend the regulation exempting liner shipping consortia from EU antitrust rules by another four years, having concluded that the current measure is “still adequate”.

Vessels will avoid areas lacking cleaner maritime fuel: panel. Collin Eaton. Reuters. 21 November 2019. Available from: https://www.reuters.com/article/us-shipping-imo-2020-fueloil/vessels-will-avoid-areas-lacking-cleaner-maritime-fuel-panel-idUSKBN1XV01U Shortages of low-sulfur fuel oil could appear at some ports in Africa, South America and Southeast Asia next year, but most major ports around the world will have adequate supplies, panellists at a shipping industry conference said on Wednesday.

Shipowners Struggling to Get 2020-Compliant Fuel. Hellenic Shipping News. 21 November 2019. Available from: https://www.hellenicshippingnews.com/shipowners-struggling-to-get-2020-compliant-fuel/ Ships hauling everything from iron ore to coal and grains are struggling to obtain the fuels they need to test them in time for the start of sweeping environmental legislation that takes effect in six weeks’ time, a situation that could ultimately result in vessels having to temporarily halt trading.

Scrubber proponents see focus moving from SOx to CO2. Paul Berill. TradeWinds. 21 November 2019. Available from: https://www.tradewindsnews.com/technology/scrubber-proponents-see-focus-moving-from-sox-to-co2/2-1-708839 Evidence is growing that scrubbers work well, save money and do not cause significant pollution, claims a ship operator that has used them for 10 years.


The London-based International Chamber of Shipping (ICS), which represents the interests of commercial shipowners worldwide, has established its first overseas office in Hong Kong as China’s status as a global maritime power rises.


The time is upon us. Davide Ippolito. Seatrade Maritime News. 25 November 2019. Available from: https://www.seatrade-maritime.com/environmental/time-upon-us The changing SOx regulations are imminent and in just over one month the International Maritime Organization’s (IMO) 0.5 per cent sulphur (SOx) emissions cap comes into force.


Wartsila on meeting the challenges ahead for shipping. Seatrade Maritime News. 25 November 2019. Available from: https://www.seatrade-maritime.com/environmental/wartsila-meeting-challenges-ahead-shipping Ahead of Marintec China we talk to Osten Lindell, Director, Marine Unit East Asia & China, Wärtsilä Corporation, about what he sees as the top issues facing the industry in 2020 and beyond, and how Wärtsilä is positioning to help its customers with these challenges.


Planning For IMO 2020: The Cost of Non-Compliance. Hellenic Shipping News. 26 November 2019. Available from: https://www.hellenicshippingnews.com/planning-for-imo-2020-the-cost-of-non-compliance/ The regulation stipulates that oceangoing vessels must use either a cleaner bunker fuel, have on-board gas stack scrubbers to clean the higher sulfur fuel or use an alternative marine fuel such as LPG, LNG or methanol.


CO2 emissions reduction still too slow, experts warn. Sam Chambers. Splash 247.com. 29 November 2019. Available from: https://splash247.com/co2-emissions-reduction-still-too-slow-experts-warn/ News carried on Splash yesterday that shipping is on course to cut its CO2 emissions by 1.1% this year, according to Clarkson estimates, has drawn a mixed reaction from around the world.


RESEARCH


Thackeray CW and Hall A. An emergent constraint on future Arctic sea-ice albedo feedback. Nature Climate Change. 11 November 2019. Available from: https://doi.org/10.1038/s41558-019-0619-1 Arctic sea ice has decreased substantially over recent decades, a trend projected to continue.