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.

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IMO NEWS & EVENTS

WHAT’S NEW

Precautionary approach over marine geoengineering solutions for climate change

Adding iron or other nutrients into the oceans to enhance natural processes to draw carbon from the atmosphere and creating foams which float on the surface of the sea to reflect sunlight back into the atmosphere are among a wide range of geoengineering practices which have been put forward as potential tools for countering climate change.

But, in a new report, marine and social scientists are urging a precautionary approach towards these techniques which involve deliberate large-scale manipulation of the environment.

The report, published by the Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection (GESAMP), a body that advises the United Nations system on the scientific aspects of marine environmental protection, says that a coordinated framework for proposing and assessing marine geoengineering activities should be developed. More...

IMO MEETINGS FOR 2019

Legal Committee (LEG), 106th session 27-29 March 2019

Sub-Committee on Ship Systems and Equipment (SSE), 6th session 4-8 March 2019

LATEST PRESS BRIEFINGS

GloFouling project kicks off to protect marine biodiversity
Briefing: 05, March 22, 2019

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Legal Committee (LEG), 106th session 27-29 March 2019 (Opening Speech)

European Community Shipowners Association seminar, Brussels, Belgium, 7 March 2019 (Opening Remarks)

10th IPTA-Navigate Chemical and Product Tanker Conference, London, 5 March 2019

IMO NEWS MAGAZINE (Winter 2018)

IMO PUBLISHING Just Published 2019 March 2019 Newsletter
UNITED NATIONS


Annual UN women activists' summit opens with focus on services, infrastructure. UN News. 11 March 2019. Available from: https://news.un.org/en/story/2019/03/1034441 Addressing the 63rd session of the UN Commission on the Status of Women (CSW) in a joint speech, Muniba Mazari and Mary Fatiya, both asked for basic social protections to be extended to women and girls around the world, based on need, and in line with their inalienable human rights.


UN launches ‘South-South Galaxy’ knowledge-sharing platform in Buenos Aires. UN News. 19 March 2019. Available from: https://news.un.org/en/story/2019/03/1035001 When countries of the Global South forged an historic technical cooperation deal among themselves 40 years ago, digital technology was a thing of the future, but developing nations have come a long way since then.

UN launches drive to highlight environmental cost of staying fashionable. UN News. 25 March 2019. Available from: https://news.un.org/en/story/2019/03/1035161 When we think of industries that are having a harmful effect on the environment, manufacturing, energy, transport and even food production might come to mind.

‘Revved up climate action’ needed to counter ‘prolonged’ and deadly storms like Cyclone Idai: Guterres. UN News. 26 March 2019. Available from: https://news.un.org/en/story/2019/03/1035431 “Such events are becoming more frequent, more severe and more widespread, and this will only get worse if we do not act now”, said the UN chief.

CASUALTIES


Alarm over failure to deal with Solomon Islands oil spill threat. By Lisa Martin. The Guardian. 1 March 2019. Available from: https://www.theguardian.com/world/2019/mar/01/solomon-islands-oil-spill-threat-failure The environmental damage from an oil spill in the Solomon Islands has been worsened by a bauxite mining company’s continued loading operations near the site where a 30m bulk carrier went aground last month.

Russian cargo ship slams into highway bridge in Busan. By Jason Jiang. Splash 247.com. 1 March 2019. Available from: https://splash247.com/russian-cargo-ship-slams-into-highway-bridge-in-busan/ A Russian cargo ship sailed off course and slammed into a bridge in Busan, South Korea yesterday with the captain found to be under the influence of alcohol.


Australia ramps up help for Solomons’ oil spill. By Evan Wasuka. ABC (Australia). 4 March 2019. Available from: [https://www.abc.net.au/radio-australia/programs/pacificbeat/australia-ramps-up-help-for-solomons-oil-spill/10866470](https://www.abc.net.au/radio-australia/programs/pacificbeat/australia-ramps-up-help-for-solomons-oil-spill/10866470) Australia will provide further help to Solomon Islands as it struggles to deal with a looming environmental disaster, caused by oil spilling from a grounded ship near the remote island of Rennell in the country’s south.


**Solomons’ laws can’t cope with oil spill - PM.** *Radio New Zealand.* 11 March 2019. Available from: [https://www.radionz.co.nz/international/pacific-news/384470/solomons-laws-can-t-cope-with-oil-spill-pm](https://www.radionz.co.nz/international/pacific-news/384470/solomons-laws-can-t-cope-with-oil-spill-pm) Solomon Islands environmental laws are inadequate for disasters like the Rennell oil spill, the country’s prime minister says.


**Devastating heavy fuel oil spill in Solomon Islands highlights risks of world’s dirtiest fuel.** By Sarah Bobbe. *Ocean Conservancy.* 14 March 2019. Available from: [https://oceanconservancy.org/blog/2019/03/14/devastating-heavy-fuel-oil-spill-solomon-islands-highlights-risks-worlds-dirtiest-fuel/](https://oceanconservancy.org/blog/2019/03/14/devastating-heavy-fuel-oil-spill-solomon-islands-highlights-risks-worlds-dirtiest-fuel/) On February 5th, the MV Solomon Trader (a Hong Kong-flagged bulk carrier) lost its mooring and ran aground on a coral reef off the island of Rennell in the southern Solomon Islands.


**Expert comment on the Grande America oil spill.** *University of Warwick (UK).* 14 March 2019. Available from: [https://warwick.ac.uk/newsandevents/expertcomment/expert_comment_on_the_grande_america_oil_spill](https://warwick.ac.uk/newsandevents/expertcomment/expert_comment_on_the_grande_america_oil_spill) An Italian cargo ship carrying 45 containers of “dangerous materials” has sunk in the Atlantic and leaked a sheet of oil reported as 10 kilometres long and one km wide.

**Abandoned migrant ship sinks in Kato Pyrgos harbour, causes pollution.** By Evie Andreou. *Cyprus Mail.* 15 March 2019. Available from: [https://cyprus-mail.com/2019/03/15/abandoned-migrant-ship-sinks-in-kato-pyrgos-harbour-causes-pollution/](https://cyprus-mail.com/2019/03/15/abandoned-migrant-ship-sinks-in-kato-pyrgos-harbour-causes-pollution/) KATO Pyrgos community council has expressed deep concern after a second boat from those that had carried Syrian refugees and had been seized by authorities sank at the local harbour causing marine pollution.


2 killed, one injured in oil tanker fire off southern coast. *Yonhap News Agency (South Korea).* 20 March 2019. Available from: https://en.yna.co.kr/view/AEN20190320005700315 Two sailors were killed and another injured after a fire broke out on an oil tanker off the southern coast of South Korea on Wednesday, rescue officials said.


Contact with whale by livestock carrier *Angus Express* at Broome, Western Australia on 20 April 2018. *Australian Transport Safety Bureau (ATSB).* 20 March 2019. Available from: https://www.atsb.gov.au/publications/investigation_reports/2018/mair/343-mo-2018-006/ At about 0600 Western Standard Time on 20 April 2018, the 103 m livestock carrier Angus Express (Cover) arrived at the Broome, Western Australia, pilot boarding ground. *Final Report*


Comment: As the Solomon Trader Disaster Shows, 30 Years after Exxon Valdez, Nowhere is Safe from Oil Spills - including the Arctic. Clean Arctic Alliance. 22 March 2019. Available from: https://www.hfofreearctic.org/en/2019/03/22/comment-as-the-solomon-trader-disaster-shows-nowhere-is-safe-from-oil-spills/. This March 24, Alaskans will mark the 30th anniversary of the Exxon Valdez disaster, when, due to human error, a single-hulled oil tanker struck a reef in Prince William Sound, eventually releasing 35,000 tonnes of crude oil.


Crewman killed on ICG ro-pax. TradeWinds. 22 March 2019. Available from: https://www.tradewindsnews.com/casualties/1736138/crewman-killed-on-icg-ro-pax. Police were cited by the Irish Times as saying the incident happened during loading of the 34,000-gt Isle of Inishmore (built 1997) at Rosslare on Thursday.


Solomon Islands oil spill has not reached protected area - UNESCO. Radio New Zealand. 25 March 2019. Available from: https://www.radionz.co.nz/international/pacific-news/385525/solomon-islands-oil-spill-has-not-reached-protected-area-unesco. The UN’s cultural body, UNESCO, says no oil from a disastrous spill in the Solomon Islands has reached a protected heritage site.


Two years on from Stellar Daisy sinking and we are none the wiser. By Nidaa Bakhsh. Lloyd's List. 28 March 2019. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1126811/Two-years-on-from-Stellar-Daisy-sinking-and-we-are-none-the-wiser This week marks a significant moment for the shipping world, but for all the wrong reasons.

ENVIRONMENT

Climate change shrinks many fisheries globally, Rutgers-Led study finds. Rutgers University (US). 27 February 2019. Available from: https://news.rutgers.edu/climate-change-shrinks-many-fisheries-globally-rutgers-led-study-finds/20190221 Climate change has taken a toll on many of the world's fisheries, and overfishing has magnified the problem, according to a Rutgers-led study in the journal Science today.


UAE governs healthiest oceans in region according to latest Ocean Health Index, says Abdullah bin Zayed. Emirates News Agency (UAE). 5 March 2019. Available from: http://wam.ae/en/details/1349302744665 With effective and timely action, the world's most valuable resource - its oceans - could be saved.


Research key to boosting benefits of large marine protected areas. By Angelo O'Connor Villagomez. Pew Charitable Trusts. 7 March 2019. Available from: https://www.pewtrusts.org/en/research-and-analysis/articles/2019/03/07/research-key-to-boosting-benefits-of-large-marine-protected-areas Although much scientific study and planning is involved at every stage of creating large, remote, offshore marine protected areas (MPAs), even ocean science experts concede they have limited knowledge of these regions.
Did you know that streaming a film online, or searching for the answer to a question, costs the environment?


Flipflopi drops anchor at UN Environment Assembly to inspire decision makers to reimagine the world. United Nations Environment Programme (UNEP). 12 March 2019. Available from: https://www.unenvironment.org/news-and-stories/story/flipflopi-drops-anchor-un-summit-inspire-decision-makers-reimagine-world As delegates made their way into the UN Environmental summit in Nairobi this week, many were pulled up short by the sight of a rainbow-hued traditional dhow boat resting serenely on the grass.

Can we tweak marine chemistry to help stave off climate change? By Wil Burns and Greg H. Rau. The Conversation. 12 March 2019. Available from: https://theconversation.com/can-we-tweak-marine-chemistry-to-help-stave-off-climate-change-93174 The world’s nations are nowhere near to meeting the global Paris Agreement’s goals on climate change of holding global temperature increases to 2 degrees Celsius compared to 19th-century averages, much less its more aspirational goal of holding temperatures to a 1.5°C rise.

Human health in dire straits if urgent actions are not made to protect the environment, warns landmark UN report. United Nations Environment Programme (UNEP). 13 March 2019. Available from: https://www.unenvironment.org/news-and-stories/press-release/human-health-dire-straits-if-urgent-actions-are-not-made-protect The most comprehensive and rigorous assessment on the state of the environment completed by the UN in the last five years was published today, warning that damage to the planet is so dire that people’s health will be increasingly threatened unless urgent action is taken. Global Environment Outlook 6

Why scientists should support the youth climate strike. Scientific American. 14 March 2019. Available from: https://blogs.scientificamerican.com/observations/why-scientists-should-support-the-youth-climate-strike/ Over the past few months, young people around the world have been protesting inaction on climate change by leaving their classrooms and marching in the streets.


Leaders told to bring plans, not speeches to UN climate summit. By Karl Mathiesen. 

State of the Climate in 2018 shows accelerating climate change impacts. 

World Meteorological Day The Sun, the Earth and the Weather 23 March 2019. 
The Sun delivers the energy that powers all life on Earth.

**ENVIRONMENTAL POLLUTION**


Airlines lack clear flight path to lower carbon emissions: researchers. By Shannon Larson. *Reuters.* 5 March 2019. Available from: https://reut.rs/2VnHZgt Some of the world's largest airlines have yet to set long-term targets to reduce their climate-changing emissions, climate and economic researchers warned Tuesday.


Rising global maritime traffic could lead to sharp increases in invasive species around the world over the next 30 years, according to a new study by McGill University researchers.


Stakeholders within the local energy sector are working to advance Guyana’s oil spill readiness through the creation of the National Oil Spill Contingency Plan, as the country prepares to become an oil-producing nation next year.


Blank Rome’s Jeanne Grasso and Joan Bondareff discuss how some of the biggest ship-related organisations plan to reduce the amount of garbage that ends up in the sea.


Responding to news that the cruise ship *Viking Sky*, owned by Viking Cruises, had reached safe harbour in Molde, Norway, Dr Sian Prior, Lead Advisor to the Clean Arctic Alliance said: "With a new season of cruise ships poised to enter Arctic waters, the *Viking Sky* crisis should serve as a wake-up call."


APL today announced that it is providing free shipping to The Ocean Cleanup, a non-government, non-profit organisation working to develop advanced technologies to rid the world’s oceans of plastic.


French and Spanish specialists are still scrambling to tackle an oil spill in the Bay of Biscay after a cargo ship sank there two weeks ago.

**HEALTH & SAFETY**


The shipping industry is in an interesting position when it comes to the mental health of seafarers.


The U.S. Supreme Court has ruled that manufacturers have a duty to warn about potential dangers of parts with asbestos that were later added onto their products by third parties under maritime law.


The Seafarer Happiness Index resulted to the fact that seafarers’ satisfaction levels when at sea dropped to 6.32 out of 10, revealing a decrease of more than 5%, in comparison to the 6.69 figure recorded this time last year.

**IMO**


Listen: The rundown on the shipping markets in the run-up to IMO 2020. S&P Global Platts. 28 February 2019. Available from: https://bit.ly/2TYWyFI The tremors of IMO 2020 - The mandated shift to low sulfur marine fuel which officially kicks in January 1, 2020 - will begin to be felt months from now and have already begun to work their way into the fabric of the already complex dynamics of the shipping sector.


IMO 2020 will cause upheaval for shippers and refiners. By Chris Midgley. Houston Chronicle (US). 8 March 2019. Available from: https://www.chron.com/business/energy/article/IMO-2020-will-cause-upheaval-for-shippers-and-13672058.php With fuel oil recently trading at a premium to motor gasoline, one may be excused for asking what all the fuss is about the forthcoming fuel oil specification changes for the shipping industry?

High-sulphur fuel oil demand to fall 60 percent next year on IMO rules - IEA. By Julia Payne. Reuters. 11 March 2019. Available from: https://reut.rs/2OQ1YIC High-sulphur fuel oil demand will fall 60 percent next year while marine gasoil demand will more than double due to new international regulations on shipping fuel, the International Energy Agency forecast on Monday.


BIMCO says efficiency gains will be key to meeting IMO’s CO2 targets. Knect365 Maritime. 20 March 2019. Available from: https://bit.ly/2CZVWKx BIMCO’s Deputy Secretary General, Lars Robert Pedersen, has issued a strong message on the shipping industry’s commitment to tackling CO2 emissions.


LAW & POLICY

Paradise lost? Travel and tourism industry takes aim at plastic pollution but more action needed. United Nations Environment Programme (UNEP). 27 February 2019. Available from: https://www.unenvironment.org/news-and-stories/story/paradise-lost-travel-and-tourism-industry-takes-aim-plastic-pollution-more With some of the world’s most beautiful beaches paying a heavy price for our plastic addiction, the travel and tourism industry is taking action to reduce its plastic footprint and encourage its customers to do the same.


World Congress on Maritime Heritage to discuss ocean governance. Maritime Executive. 4 March 2019. Available from: https://www.maritime-executive.com/corporate/world-congress-on-maritime-heritage-to-discuss-ocean-governance For centuries, humans have sought to create order in the oceans to facilitate trade, to use its resources and to govern the conduct of nations on the vast waters.

NIMASA committed to developing blue economy through capacity building - Dakuku.  


Protection for high seas is crucial to safeguarding vulnerable coastal communities - new research. *UK National Oceanography Centre (NOC)*. 12 March 2019. Available from: [https://www.noc.ac.uk/news/protection-high-seas-crucial-safeguarding-vulnerable-coastal-communities-new-research](https://www.noc.ac.uk/news/protection-high-seas-crucial-safeguarding-vulnerable-coastal-communities-new-research) Key areas of the Indian Ocean, Bay of Bengal and the Pacific should be designated protected areas in order to safeguard vulnerable coastal communities’ livelihoods, new research published this week reveals.


Three Russian shipyards sanctioned over Kerch Strait incident. Maritime Executive. 18 March 2019. Available from: https://www.maritime-executive.com/article/russian-shipyards-sanctioned-over-kerch-strait-incident Canada, the United States and the EU have imposed new sanctions on Russian entities in response to the Kerch Strait incident, including three shipyards.


Arctic black carbon work hampered by U.S. and Russia, says Finland. By Tarmo Virki and Anne Kauranen. Reuters. 20 March 2019. Available from: https://reut.rs/2UFXHhk The Arctic region's co-operation in the battle against global warming by reducing black carbon emissions is being hampered by the United States and Russia, the Finnish foreign ministry said on Wednesday.


**Will large protected areas save the oceans or politicize them?** By Fred Pearce. *Yale Environment 360.* 25 March 2019. Available from: [https://e360.yale.edu/features/will-large-protected-areas-save-the-oceans-or-politicize-them](https://e360.yale.edu/features/will-large-protected-areas-save-the-oceans-or-politicize-them) In the last decade, governments have been pushing to create vast Marine Protected Areas large enough to protect species from overfishing and other threats.

**To the future and back: Future governance of environmental risk.** By Øyvind Rinaldo, Rune Bergstrøm, and Vivian Jakobsen. *Independent Barents Observer (Norway).* 25 March 2019. Available from: [https://thebarentsobserver.com/en/node/5211](https://thebarentsobserver.com/en/node/5211) How can we manage environmental risk across 1 979 179 km² of the ocean and 100 915 km of coastline?

**Increased cooperation, special attention to developing states must steer talks on new high seas treaty, delegates say as conference opens second session.** *United Nations.* 25 March 2019. Available from: [https://www.un.org/press/en/2019/sea2093.doc.htm](https://www.un.org/press/en/2019/sea2093.doc.htm) Increased cooperation and recognizing the needs of developing states must lead discussions towards a legally binding convention to govern the high seas, delegates said, as an intergovernmental conference to draft the first-ever treaty addressing the ocean's biological diversity opened its second substantive session.

**Can international law protect the Arctic from oil spills?** By Daria Shapovalova. *Arctic Institute.* 26 March 2019. Available from: [https://www.thearcticinstitute.org/international-law-protect-arctic-oil-spills](https://www.thearcticinstitute.org/international-law-protect-arctic-oil-spills) Offshore oil development in the Arctic is still in its nascent phase, with production occurring in Russia and Norway, but on hold in Canada, the US, and Greenland.


Guyana must implement int'l maritime policies, regulations - Regional Advisor. *Kaieteur News (Guyana).* 28 March 2019. Available from: [https://www.kaieteurnewsonline.com/2019/03/28/guyana-must-implement-intl-maritime-policies-regulations-regional-advisor/](https://www.kaieteurnewsonline.com/2019/03/28/guyana-must-implement-intl-maritime-policies-regulations-regional-advisor/) Foreign Affairs Minister, Carl Greenidge, disclosed a few months ago that Guyana signed on to several conventions and ratified a few protocols which will help to protect the country from most of the environmental risks that are associated with the operations of oil companies.

Monaco Blue Initiative explores requirements and benefits of marine protected areas. *By Lynn Wagner.* *International Institute for Sustainable Development (IISD).* 28 March 2019. Available from: [https://sdg.iisd.org/news/monaco-blue-initiative-explores-requirements-and-benefits-of-marine-protected-areas/](https://sdg.iisd.org/news/monaco-blue-initiative-explores-requirements-and-benefits-of-marine-protected-areas/) Participants at the tenth edition of the Monaco Blue Initiative discussed the ambition and actions needed to set the scene for the post-2020 period when the current target to conserve at least ten percent of coastal and marine areas is to be achieved, the importance of ecological and social networks for ensuring the effectiveness of MPAs, and the links between MPAs and the economy of the ocean.

**MARINE TECHNOLOGY**

Maersk Tankers to install scrubbers on four ships. *By Niklas Krigslund.* *ShippingWatch.* 1 March 2019. Available from: [https://shippingwatch.com/carriers/Tanker/article11223212.ece](https://shippingwatch.com/carriers/Tanker/article11223212.ece) Just four LR2 tankers will have scrubbers installed.

LNG in shipping: could space tech lighten the load? *Ship-Technology.com.* 4 March 2019. Available from: [https://www.ship-technology.com/features/lng-shipping-space-tech/](https://www.ship-technology.com/features/lng-shipping-space-tech/) As the International Maritime Organization (IMO), the European Union and national governments around the world continue the gradual process of tightening emissions standards for commercial vessels, liquefied natural gas (LNG) is starting to gain traction as an early alternative to traditional, highly polluting fuels such as heavy fuel oil and marine gasoil.


**DNV GL rolls out remote surveys for all vessels.** *DNV GL.* 11 March 2019. Available from: [https://www.dnvgl.com/news/dnv-gl-rolls-out-remote-surveys-for-all-vessels-142769](https://www.dnvgl.com/news/dnv-gl-rolls-out-remote-surveys-for-all-vessels-142769) Leading classification society DNV GL announced today that all DNV GL classed vessels are now able to utilize the possibility of remote surveys for some inspections through the Veracity data platform.


**Automation & Seafarers: The end of a profession, or its evolution?** By Dimitrios Lyrakos. *Safety4Sea.* 15 March 2019. Available from: [https://safety4sea.com/automation-seafarers-the-end-of-a-profession-or-its-evolution/](https://safety4sea.com/automation-seafarers-the-end-of-a-profession-or-its-evolution/) Based on a recent study by the University of Oxford (2019) in the UK, it has been determined that 50% of the current job positions, worldwide, will be lost in the coming decades due to automation and new advances in technology.

**Shipping’s Y2K bug?** By Sam Chambers. *Splash 247.com.* 25 March 2019. Available from: [https://splash247.com/shippings-y2k-bug/](https://splash247.com/shippings-y2k-bug/) The Y2K bug was meant to be Armageddon for computers as it was feared many programs could not switch to the 2000 date.


MARITIME EDUCATION & TRAINING

Speed of technological change overtaking scope of STCW. By Alan R. Earls.

Govt secures Ksh 1.2B to equip youth with Blue economy skills. By Allan Aoko.


Ship repair company partners with CMU to undertake skills training programme.


New funding to support young women into maritime careers. By Nusrat Ghani.

Are merchant seafarer training standards fit for purpose? By Julian Turner.
Now, mandatory for maritime institutes to offer on board training to students. By Mamuni Das. *The Hindu (India)*. 19 March 2019. Available from: [https://www.thehindubusinessline.com/news/education/now-mandatory-for-maritime-institutes-to-offer-on-board-training-to-students/article26583257.ece](https://www.thehindubusinessline.com/news/education/now-mandatory-for-maritime-institutes-to-offer-on-board-training-to-students/article26583257.ece) In a development that is expected to help maritime students, the government has made maritime training institutes (MTIs) responsible for providing practical training aboard a vessel.

KMA certifies three institutions to offer maritime courses. By Philip Mwakio. *Standard Digital (Kenya)*. 21 March 2019. Available from: [https://www.standardmedia.co.ke/article/2001317546/kma-certifies-three-institutions-to-offer-maritime-courses](https://www.standardmedia.co.ke/article/2001317546/kma-certifies-three-institutions-to-offer-maritime-courses) Three learning institutions have so far been fully accredited by the country’s maritime regulator to offer specialised training in Maritime Transport and Logistics (MTL).


**MARITIME SAFETY**


Ship Operators Raise Alarms over String of Vessel Fires. Hellenic Shipping News. 25 March 2019. Available from: https://www.hellenicshippingnews.com/ship-operators-raise-alarms-over-string-of-vessel-fires/ The international shipping industry is wrestling with a spate of fires aboard vessels at sea in recent months that have crippled several big cargo ships, killed a number of seafarers and cost companies and their customers hundreds of millions of dollars in damages.

Enclosed space entry. Skuld. 25 March 2019. Available from: https://www.skuld.com/topics/ship/safety/enclosed-space-entry/ Failure to comply with company procedures regarding entry into enclosed spaces can be fatal.


TasPorts vows to improve culture in response to safety concerns and staff pressures. By Georige Burgess. ABC (Australia). 26 March 2019. Available from: https://www.abc.net.au/news/2019-03-26/tasports-culture-called-into-question/10920672 The culture within Tasmania’s state-owned ports operator has been called into question amid an exodus of managers, staff being "stressed beyond belief" and safety concerns.

Towards a zero-injury shipping industry. UK Chamber of Shipping. 28 March 2019. Available from: https://www.ukchamberofshipping.com/latest/towards-zero-injury-shipping-industry/ No other maritime organisation has shifted the conversation around safety like the UK Chamber has in its work to help shipping companies understand and implement safer working cultures at sea and ashore.

Viking Sky incident raises concerns over Solas failings. By Adam Corbett. TradeWinds. 28 March 2019. Available from: https://www.tradewindsnews.com/casualties/1739662/viking-sky-incident-raises-concerns-over-solas-failings The dramatic air evacuation of the cruise ship Viking Sky, which was caught in a storm without power off Norway putting 1,300 lives at risk, will raise serious questions over the adequacy of industry safety regulations.

Viewpoint: Learning lessons on ferry safety. By Michael Grey. Lloyd's List. 28 March 2019. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1126658/Viewpoint-Learning-lessons-on-ferry-safety Official statistics show 1,200 people die every year in ferry disasters and given that such events mostly take place in developing nations, the true toll is usually higher.

CHIRP Maritime FEEDBACK No.54 3/2019. CHIRP Maritime. March 2019. Available from: https://www.chirpmaritime.org/wp-content/uploads/2019/03/CHIRP-MFB-54-Final-v2.pdf 📈 We have received several reports which outline position anomalies between a vessel’s AIS and ECDIS, and positions obtained from a PPU or by visual/radar position fixing.
Three crew kidnapped from tanker off Guinea. By Dale Wainwright and Gary Dixon.


Three Romanian seafarers have been kidnapped by pirates from a product tanker in the Gulf of Guinea.

Somali piracy and countering other organised crimes at sea. By Carina Bruwer.


Nevada National Guard, Fiji, sign Peacekeeping, Maritime Security MOU. By Kelera Sovasiga.


Nor- Shipping Director: Norsk Hydro cyber attack a wake up call for maritime industry. *World Maritime News*. 22 March 2019. Available from: https://worldmaritimeneWS.com/archives/273651/nor-shipping-director-norsk-hydro-cyber-attack-a-wake-up-call-for-maritime-industry/ This week’s cyber attack on Norwegian aluminium producer Norsk Hydro is a sign of the growing threat facing firms within the maritime and ocean industries, according to Per Martin Tanggaard, Director of Nor-Shipping.


**MIGRANTS**


OM, the UN Migration Agency, reports that 9,286 migrants and refugees have entered Europe by sea through the first 62 days of 2019, about a 10 per cent decrease from the 10,330 arriving during the same period last year.


IOM, the UN Migration Agency, reports that 9,826 migrants and refugees have entered Europe by sea through 10 March, a 15 per cent decrease from the 11,636 arriving during the same period last year.


IOM reports that 10,308 migrants and refugees have entered Europe by sea through 13 March, a 16 per cent decrease from the 12,318 arriving during the same period last year.


Since 2017—when CNN released a groundbreaking report on migrant slave auctions in Libya, and Italy and Libya's Government of National Accord reached a migration deal (one of two in the country)—migrants' misery continues and may have intensified.


An Italian charity ship was escorted into the port of Lampedusa by police on Tuesday after rescuing 49 Africans in the Mediterranean, with Interior Minister Matteo Salvini calling for the crew to be arrested.


The IOM reports that 11,292 migrants and refugees have entered Europe by sea through 20 March, a 13 per cent decrease from the 13,043 arriving during the same period last year.


The International Organization for Migration (IOM) reports that 11,901 migrants and refugees have entered Europe by sea through 27 March.


The number of people crossing European borders and applying for asylum has dropped but the hundreds of deaths en route and civil society's halted rescue attempts have been flagged by the EU's agency for human rights.
NAVIGATION & COMMUNICATIONS

ECDIS safety study highlights major concerns. *Nautilus International.* 28 February 2019. Available from: https://www.nautilusint.org/en/ecdisafety The International Maritime Organisation is set to face calls for sweeping changes to the rules governing the use of electronic chart display and information systems (ECDIS) following in-depth research into the problems experienced by masters and officers.

CEFAS scientists create first UK map of shipping 'noise'. By David Whiteley. *BBC News.* 4 March 2019. Available from: https://www.bbc.co.uk/news/uk-england-suffolk-47375006 The first UK-wide map of underwater noise made by ships has been created, marine scientists have said.


Inmarsat sold to private equity group for $3.4bn. *Lloyd's List.* 25 March 2019. Available from: https://lloydslist.maritimeintelligence.informa.com/L1126764/Inmarsat-sold-to-private-equity-group-for-34bn The private equity group buying Inmarsat have reaffirmed the British satellite communications company will meet its obligations to provide the Global Maritime Distress and Safety System.


**PIRACY**


**PORT STATE CONTROL**

**PORTS & HARBOURS**


Interview: Belt and Road Initiative can benefit all, Piraeus port a good example: experts. **By Maria Spiliopoulou.** *Xinhuanet (China).* 3 March 2019. Available from: [http://www.xinhuanet.com/english/2019-03/03/c_137863792.htm](http://www.xinhuanet.com/english/2019-03/03/c_137863792.htm) The Belt and Road Initiative (BRI) can benefit all countries, all peoples, and Piraeus port project in Greece is a good example, two Chinese experts told Xinhua on the sidelines of the fourth annual Delphi Economic Forum running to Sunday here.


Yemen - port situation. **By Eric Watkins.** *Gard.* 8 March 2019. Available from: [http://www.gard.no/web/content/yemen-port-situation](http://www.gard.no/web/content/yemen-port-situation) There have been no major changes to the status of Yemeni ports, or to the port entry clearance conditions, since the Hodeidah ceasefire agreement entered into force on 18 December 2018.


Shoreham Port leads work on attracting more women to maritime jobs. **By Elaine Hammond.** *Shoreham Herald (UK).* 18 March 2019. Available from: [https://www.shorehamherald.co.uk/news/transport/shoreham-port-leads-work-on-attracting-more-women-to-maritime-jobs-1-8853365](https://www.shorehamherald.co.uk/news/transport/shoreham-port-leads-work-on-attracting-more-women-to-maritime-jobs-1-8853365) Shoreham Port celebrated International Women's Day by inviting female staff across all departments to share images of themselves on social media.

NPA remains committed to women empowerment - Managing Director. Nigerian Ports Authority. 20 March 2019. Available from: http://nigerianports.gov.ng/2019/03/20/npa-remains-committed-to-women-empowerment-managing-director/. The Managing Director of the Nigerian Ports Authority, Hadiza Bala Usman has stated that the Organisation is fully committed to the welfare of women especially those in the Maritime sub sector.

Insight: Are VGM demands weighing on ports? Port Technology International. 21 March 2019. Available from: https://www.porttechnology.org/news/first-airborne-noise-notation/. Two and a half years ago, Port Technology’s traffic was going wild for container weighing as ports across the world rushed to watch our video insight explaining the rule.

GP Global to offer 0.5% fuel from April to major bunkering ports. By Lee Hong Liang. Seatrade Maritime News. 28 March 2019. Available from: https://bit.ly/2FHawZI. UAE-based GP Global will make 0.5% sulphur content bunker fuel available from April this year to major ports including Fujairah, Singapore and the ARA region, in response to the upcoming IMO 2020 regulation.


REGULATIONS


Container-shipping industry needs to offset up to $10 billion in costs accompanying new international sulfur regulation, says AlixPartners study. AlixPartners. 28 February 2019. Available from: https://www.alixpartners.com/media-center/press-releases/container-shipping-industry-needs-to-offset-10-billion-in-costs/. To offset the costs of IMO 2020, carriers plying Asia-Europe routes last year would have had to increase their surcharges 40%, while those on eastbound Asia-Americas routes would have had to increase them 33%.


The biggest change in global fuel regulations since leaded gas went away could cause price shocks. By Patti Domm. CNBC (US). 1 March 2019. Available from: https://www.cnbc.com/2019/03/01/biggest-change-in-fuel-since-leaded-gas-went-away-could-raise-prices.html. Tens of thousands of ships sailing the world's oceans currently burn more than 3 million barrels a day of a high sulfur, sludge-like fuel, but starting next year the shipping industry will have to comply with rules to dramatically reduce sulfur emissions.


IMO 2020 full sail ahead: Incoming waves for refiners, shipowners. By James Morgan. Hellenic Shipping News. 13 March 2019. Available from: https://www.hellenicshippingnews.com/imo-2020-full-sail-aheadIncoming-waves-for-refiners-shipowners As of January 1, 2020, the International Maritime Organization (IMO) will begin enforcing a new regulation that caps the allowable sulfur content of all marine fuels from its current level of 3.5% m/m (mass/mass) to 0.5% m/m.


Ship owners worry about clean fuel bill as ports ban 'scrubbers'. By Jonathan Saul and Nina Chestney. Reuters. 19 March 2019. Available from: https://reut.rs/2uOLwsJ More ports around the world are banning ships from using a fuel cleaning system that pumps waste water into the sea, one of the cheapest options for meeting new environmental shipping rules.
The International Maritime Organization sulfur cap is fast approaching.


Today sees the launch of a special IMO 2020 compliance guide published by sister title Maritime CEO in association with Cockett Marine Oil.


The effects of changes to marine fuel sulfur limits in 2020 on energy markets. *US Energy Information Administration (EIA)*. 27 March 2019. Available from: [https://www.eia.gov/outlooks/studies/imo/](https://www.eia.gov/outlooks/studies/imo/) With a planned effective date of January 1, 2020, the International Maritime Organization's (IMO) new regulations (IMO 2020) limit the sulfur content in marine fuels that ocean-going vessels use to 0.5% by weight, a reduction from the previous limit of 3.5% established in 2012. Report


**SALVAGE**

Why ship owners are reluctant to help distress colleagues. By Godfrey Bivbere. *Vanguard (Nigeria).* 13 March 2019. Available from: [https://www.vanguardngr.com/2019/03/why-ship-owners-are-reluctant-to-help-distress-colleagues/](https://www.vanguardngr.com/2019/03/why-ship-owners-are-reluctant-to-help-distress-colleagues/) Ship owners’ reluctance to assist in salvage operations when other vessels are in distress has been attributed to an aspect of the law which empowers the owner of the distressed vessel to sue the rescuer in case of damages to vessel in distress or loss of lives.


**SEAFARERS**


Conclusions on the recruitment and retention of seafarers and the promotion of opportunities for women seafarers. *International Labour Organization (ILO).* 4 March 2019. Available from: [https://bit.ly/2H0kJBJ](https://bit.ly/2H0kJBJ) Shipping is the engine of global trade, carrying over 90 per cent of world trade in terms of tonnage and the movement of millions of passengers.


International Women's Day: aiming to increase the proportion of women on tankers to 5%. By Craig Jallal. *Tanker Shipping & Trade.* 7 March 2019. Available from: https://bit.ly/2FR0aEV It is estimated that women only form 2% of the fleet-wide tanker crew while forming the majority of backroom shore-based staff in many shipmanagement companies.


Ship crew stranded off UAE coast in legal dispute lose hope for return. By Nick Webster. *The National (United Arab Emirates).* 12 March 2019. Available from: https://www.thenational.ae/uae/transport/ship-crew-stranded-off-uae-coast-in-legal-dispute-lose-hope-for-return-1.836025 Families of more than 30 seafarers stranded on abandoned ships anchored off the UAE coast are losing hope that their legal cases will be resolved and their loved ones be allowed to return home.

Shipping disputes and suicides at sea are a global issue. By Nick Webster. *The National (United Arab Emirates).* 12 March 2019. Available from: https://www.thenational.ae/uae/shipping-disputes-and-suicides-at-sea-are-a-global-issue-1.836224 Shipping disputes that expose vulnerable seafarers to drawn-out legal cases that leave them stranded at sea without pay are not exclusive to the UAE.

Five crew reportedly kidnapped from OSV off Nigeria. By Dale Wainwright. *TradeWinds.* 13 March 2019. Available from: https://www.tradewindsnews.com/casualties/1727487/five-crew-reportedly-kidnapped-from-ovs-off-nigeria Five crew are reported to have been kidnapped from an offshore support vessel off Nigeria following an attack by armed pirates.

**SIU of Canada aims to bring hundreds of skilled workers on board.** *Seafarers’ International Union of Canada.* 15 March 2019. Available from: [https://www.seafarers.ca/siu-canada-aims-bring-hundreds-skilled-workers-board/](https://www.seafarers.ca/siu-canada-aims-bring-hundreds-skilled-workers-board/) With the opening of maritime shipping season only a few weeks away, the SIU of Canada has an immediate need to hire hundreds of skilled workers to address an ongoing labour shortage in Canada’s fast-growing marine shipping industry.


**PH risks dropping out of global maritime list.** By Carmela I. Huelar. *Manila Times.* 18 March 2019. Available from: [https://www.manilatimes.net/ph-risks-dropping-out-of-global-maritime-list/527167/](https://www.manilatimes.net/ph-risks-dropping-out-of-global-maritime-list/527167/) The jobs of 400,000 Filipino seafarers and the country’s good standing in the global maritime community are at stake because of the country’s supposed failure to comply with global reporting standards.


**UK seafarer tickets will be invalid after Brexit.** By David Osler. *Lloyd’s List.* 19 March 2019. Available from: [https://www.lloydslist.maritimeintelligence.informa.com/LL1126696/UK-seafarer-tickets-will-be-invalid-after-Brexit](https://www.lloydslist.maritimeintelligence.informa.com/LL1126696/UK-seafarer-tickets-will-be-invalid-after-Brexit) Seafarers with British certificates of competence will lose the automatic right to work on European Union and European Economic Area flag ships after the UK leaves the bloc, it has emerged.


**Abandoned Indian Seafarer Family Statement on behalf of AB Mayur Gawade off UAE Coast.** *Human Rights at Sea (HRAS).* 24 March 2019. Available from: [https://www.humanrightsatsea.org/2019/03/24/abandoned-indian-seafarer-family-statement-on-behalf-of-ab-mayur-gawade-off-uae-coast/](https://www.humanrightsatsea.org/2019/03/24/abandoned-indian-seafarer-family-statement-on-behalf-of-ab-mayur-gawade-off-uae-coast/) Following on from two previously issued Indian seafarer abandonment case studies from vessels currently off the UAE coast, today, Human Rights at Sea publishes the third family statement on behalf of AB Mayur Gawade. *Abandonment Case Study*
Sailors recall ordeal: ‘Cleaned floors, battled depression in Greek jail’.
https://timesofindia.indiatimes.com/city/mumbai/cleaned-floors-battled-depression-in-greek-jail/articleshow/68553800.cms  We lost 13 precious months of our lives for no fault of ours Indian crew members of the Tanzania-flagged merchant cargo vessel, *M V Andromeda,* who were sent to jail after their ship was detained in Greece in January 2018 for carrying 'explosive material'.

**German bulk carrier detained after crew complain of no food, bullying and denial of shore leave.**  *International Transport Workers’ Federation (ITF).* 27 March 2019.  Available from:  


**SEARCH & RESCUE**

**Sophia in limbo: political games limit sea rescues.**  By Tobias Pietz.  *EU Observer.* 4 March 2019.  Available from:  
https://euobserver.com/opinion/144304  There are only few weeks left until the mandate of the EU's naval mission in the Mediterranean, EUNAVFOR Med [Operation Sophia], will expire on 31 March.

**Plan of action: Twenty steps for a fair and predictable rescue system in the Mediterranean sea.**  *Human Rights Watch (HRW).* 6 March 2019.  Available from:  

**'Migrant-rescuing' firefighter’s 'vortex of worry' over human trafficking probe.**  By Marta Rodriguez Martinez.  *Euronews.* 7 March 2019.  Available from:  

**Celebrating women in maritime search and rescue.**  *International Maritime Rescue Federation.* 8 March 2019.  Available from:  
https://www.international-maritime-rescue.org/News/celebrating-women-in-maritime-search-and-rescue  It’s fifty years since a woman first qualified as a RNLI lifeboat crew member and Rebecca Sweeney, Executive Officer with IMRF, knows what it’s like to be on a lifeboat in all weathers.

**EU discord over Operation Sophia cast doubts on fate of Mediterranean migrants.**  By Taylor Heyman.  *The National (United Arab Emirates).* 16 March 2019.  Available from:  
https://www.thenational.ae/world/europe/eu-discord-over-operation-sophia-cast-doubts-on-fate-of-mediterranean-migrants-1.837463  As the renewal deadline for the EU's military anti-smuggling operation in the Mediterranean draws near, disagreements between EU nations are putting the mission at risk.

**Italy’s Salvini lays down law for migrant rescue ships.**  *France.* 24. 19 March 2019.  Available from:  
https://www.france24.com/en/20190319-italys-salvini-lays-down-law-migrant-rescue-ships  Italian Interior Minister Matteo Salvini on Monday launched a fresh crackdown on charity ships which rescue migrants off Libya and bring them to Italy.
**SHIP RECYCLING**

Here is an overview of how many ships were scrapped last year. By Simon Valeur. *ShippingWatch.* 5 March 2019. Available from: [https://shippingwatch.com/secure/carriers/Container/article11230276.ece](https://shippingwatch.com/secure/carriers/Container/article11230276.ece) Scarping of container and dry bulk ships was record-low in 2018, while a large number of tanker and offshore vessels were sent to the scrap yards.


Norway wealth fund’s watchdog turns spotlight on India shipbreaking. By Gwladys Fouche. *Reuters.* 13 March 2019. Available from: [https://reut.rs/2G2GOhp](https://reut.rs/2G2GOhp) The ethics watchdog for Norway’s $1-trillion wealth fund will focus this year on shipbreaking on India’s beaches, which endangers workers and pollutes the sea and sand, and will also look into pollution caused by pharmaceutical companies.

Ship recycling yards in Southeast Asia close to get EU approval, amid sector refocus and increased scrutiny for ship owners. By Nikos Roussanoglu. *Hellenic Shipping News.* 14 March 2019. Available from: [https://bit.ly/2Kb95q0](https://bit.ly/2Kb95q0) Ship recycling in Southeast Asia is moving forward with plans to better comply to safety regulations, in a period during which scrutiny for ship owners is getting bigger and bigger.

Russian official confirms plans for behemoth icebreaker. By Charles Digges. *Maritime Executive*. 28 February 2019. Available from: [https://www.maritime-executive.com/editorials/russian-official-confirms-plans-for-behemoth-icebreaker](https://www.maritime-executive.com/editorials/russian-official-confirms-plans-for-behemoth-icebreaker) Russian officials have said they will back the overhaul of an ailing Far Eastern shipyard in order to build an enormous nuclear icebreaker the Kremlin hopes will cement its control of Arctic waterways, the official Tass newswire reported this week.


Greening the shipping sector. *ING*. 28 February 2019. Available from: [https://www.ing.com/Newsroom/All-news/Greening-the-shipping-sector.htm](https://www.ing.com/Newsroom/All-news/Greening-the-shipping-sector.htm) Shipping carries more than 90 percent of the world's trade, accounting for a significant proportion of the global climate change problem.


LNG does offer pathway to IMO 2050. *SEA\LNG*. 1 March 2019. Available from: https://sealng.org/lng-does-offer-pathway-to-imo-2050/ SEA\LNG, the multi-sector industry coalition aiming to accelerate the widespread adoption of liquefied natural gas (LNG) as a marine fuel, believes LNG is a viable pathway to meet the IMO's 2050 Greenhouse Gas (GHG) targets.


"2019 is a year for dry cargo owners to prepare their vessels in view of landmark changes in shipping". *International Association of Dry Cargo Shipowners (INTERCARGO)*. 5 March 2019. Available from: https://www.intercarg.org/wp-content/uploads/2019/03/INTERCARGO-MEDIA-RELEASE_05_03_2019-1.pdf INTERCARGO held its Executive and Technical Committee meetings in Hong Kong on 4 and 5 March 2019, along with the Dinner Reception on the first day for Members and Guests.


IMO 2020 - Majority of smaller bunkering ports won't have compliant fuel. By Marcus Hand. *Seatrade Maritime News*. 6 March 2019. Available from: https://bit.ly/2TY7S4U Despite assurances from fuel suppliers over the availability of compliant fuel to meet IMO 2020 from 1 January next year, industry executives warn that logistics will be a mess and the majority of smaller bunkering ports will not have low sulphur fuel.


Viewpoint: Facing green consequences. By Michael Grey. Lloyd's List. 7 March 2019. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1126465/Viewpoint-Facing-green-consequences The saying goes that there is no such thing as a free lunch, so in the feverish efforts to de-carbonise the world and make the air we breathe cleaner, there is no such thing as a quick fix.


Clean Shipping Alliance hits 35 members. By Trine Vestergaard. ShippingWatch. 8 March 2019. Available from: https://shippingwatch.com/secure/carriers/article11240227.ece A total of 35 members have joined Clean Shipping Alliance after Wallenius Wilhelmsen entered the scrubber advocacy group now counting 2,500 ships.

Women’s year in shipping 2019 makes a big splash right from the beginning. All About Shipping. 8 March 2019. Available from: http://www.allaboutshipping.co.uk/2019/03/08/womens-year-in-shipping-2019-makes-a-big-splash-right-from-the-beginning/ You all know that I owe everything in shipping to women; they all acted and continue to act as a lifebuoy every single day of my life.

European shipowners present priorities for EU shipping policy for the next five years. European Community Shipowners’ Associations (ECSA). 8 March 2019. Available from: https://www.ecsa.eu/news/european-shipowners-present-priorities-eu-shipping-policy-next-five-years The European Community Shipowners’ Associations (ECSA) has unveiled its strategic priorities for EU shipping policy, which will guide the association’s activities vis-à-vis International and European regulators for the next five years.


The Lloyd's List Podcast: Consolidation, costs and how to capitalise on shipping's talent. Lloyd's List. 8 March 2019. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1126534/The-Lloyds-List-Podcast-Consolidation-costs-and-how-to-capitalise-on-shippings-talent It has been another busy week for the Lloyd's List team, jetting between the big box conflag on the US west coast, in an out of finance meetings in Shanghai and a hectic schedule of interviews and research into the impact of digital tech on the too often overlooked human element of our industry.


Toxic fumes from ships linked to thousands of UK deaths. By Josh Gabbatiss. The Independent. 11 March 2019. Available from: https://www.independent.co.uk/environment/ship-air-pollution-deaths-uk-asthma-heart-lung-disease-a8812486.html The UK is one of the most vulnerable nations to the toxic fumes spewed out by ships, according to a new study.

Baltic comes under attack with claims indices are being kept low to suit charterers. By Sam Chambers. Splash 247.com. 11 March 2019. Available from: https://splash247.com/baltic-comes-under-attack-with-claims-indices-are-being-kept-low-to-suit-charterers/ Shiping's Twittersphere erupted over the weekend with the launch of a new account, @ActionBaltic, which has made a number of claims that London's Baltic Exchange is rigged and needs urgent change.


Time to encourage women in maritime. By Maclean Kwofi. Graphic Online (Ghana). 12 March 2019. Available from: https://www.graphic.com.gh/business/business-news/time-to-encourage-women-in-maritime.html Last Friday, Ghana joined the rest of the world to mark another International Women's Day, the day set aside to celebrate the economic, political, social and cultural achievements of women across the globe and a call-to-action to progression of gender parity all over the world.


Together with the introduction of new expedition cruise catalogues for the 2020-2021 season, Hapag-Lloyd Cruises has also announced that low-pollutant marine gas oil (MGO) will be used exclusively on all routes sailed by its expedition ships in the fleet - the HANSEATIC nature, the HANSEATIC inspiration and the BREMEN from July 2020.


**This is why shipping companies support the “sulfur exception”.** By Tomas Kristiansen. *ShippingWatch.* 15 March 2019. Available from: [https://shippingwatch.com/secure/carriers/article11254744.ece](https://shippingwatch.com/secure/carriers/article11254744.ece) When there was mention of allowing ships without scrubbers to carry traditional fuel oil on board, shipping companies objected.


**Drewry: Sulphur cap to trigger slow steaming, transhipment.** *World Maritime News.* 18 March 2019. Available from: [https://worldmaritimene.ws/archives/273341/](https://worldmaritimene.ws/archives/273341/) The shipping industry could see more slow steaming and transhipment being triggered as part of the IMO 2020 sulphur rule, according to shipping consultancy Drewry.

**Shippers far from agree on support for added sulfur charge.** By Tomas Kristiansen and Christian Carlsten. *ShippingWatch.* 18 March 2019. Available from:[https://shippingwatch.com/secure/carriers/Container/article11259531.ece](https://shippingwatch.com/secure/carriers/Container/article11259531.ece) Several of the world's largest shipping lines, such as Hapag-Lloyd and Maersk, say that customers seem to accept the extra cost of low-sulfur fuel oil.

**Shipping2030: transforming shipping through digitalisation.** By Iain Gomersall. *Knect365 Maritime.* 18 March 2019. Available from: [https://knect365.com/shipping/article/85aeef0a-b236-4826-9f5d-ad72ac5b2f99/shipping2030-transforming-shipping-through-digitalisation](https://knect365.com/shipping/article/85aeef0a-b236-4826-9f5d-ad72ac5b2f99/shipping2030-transforming-shipping-through-digitalisation) With a large variety of technologies, trends, business strategies and operational processes transforming shipping through digitalisation, it is important to think big, start small but scale fast.

Adopt a ship. InterManager. 18 March 2019. Available from: https://www.intermanager.org/adopt-a-ship/  Increasing awareness of the international shipping sector, ship operation and the role of the seafarer should hopefully benefit the industry, boost future recruitment and encourage more women into shipping roles.


Tough conditions created a wave of digital innovation in shipping. By Simon Valeur. ShippingWatch. 19 March 2019. Available from: https://shippingwatch.com/secure/suppliers/article11261299.ece Startups are popping up everywhere in the shipping industry, which has to be innovate and digital like never before.


Carbon pricing options for international maritime emissions. NewClimate Institute (Germany). 19 March 2019. Available from: https://newclimate.org/2019/03/19/carbon-pricing-options-for-international-maritime-emissions/ A carbon price can play an important role in steering the international maritime sector towards decarbonisation – a task that is both feasible and necessary to reach global objectives to limit climate change to 1.5°C. New Climate MBM for Maritime Emissions

Boxships are major contributor to GHG emissions. By Nigel Lowry. Lloyd's List. 19 March 2019. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1126694/Boxships-are-major-contributor-to-GHG-emissions A third of all greenhouse gas emissions linked to shipping engaged in oceangoing cargo trades are the result of just 2,000 vessels — all of them containerships, according to a new academic study.


New OECD report casts doubts on liner companies block exemption. By Christian Carlsen. ShippingWatch. 20 March 2019. Available from: https://shippingwatch.com/secure/carriers/Container/article11265325.ece Only a few of the liner sector’s consortia cooperation on trade routes to and from Europe are small enough to benefit from the unique consortia block exemption that otherwise applies in the EU, concludes the International Transport Forum, ITF, in a new report.


Shipping must act on Greta’s call for urgency over climate change. By Terry Macalister. TradeWinds. 20 March 2019. Available from: https://www.tradewindsnews.com/weekly/1733288/shipping-must-act-on-gretas-call-for-urgency-over-climate-change School pupils were on strike in London at the end of last week angry about perceived inaction by politicians on climate change.


Maersk to test biofuel on ultra-large container ship. By Niklas Krigslund. ShippingWatch. 22 March 2019. Available from: https://shippingwatch.com/secure/carriers/Container/article11269896.ece The project is part of the shipping company's target of zero net emissions in 2050, carried out in collaboration with major companies such as Shell, Heineken and Unilever.


INSIGHT: Fuel testing considerations for IMO2020. By Steve Bee. Ship & Bunker. 22 March 2019. Available from: https://shipandbunker.com/news/world/424442-insight-fuel-testing-considerations-for-im02020 As IMO2020 draws ever closer, it is widely anticipated throughout the shipping industry that due to the increased range of new fuel types, cutter stocks and additives, coming to the market during 2019 and beyond, the demand for laboratory testing will inevitably increase.


Norway considers expanding scrubber ban. By Niklas Krigslund. *ShippingWatch.* 22 March 2019. Available from: https://shippingwatch.com/secure/suppliers/article11270633.ece The ban on open-loop scrubbers in Norway could be expanded to more than the five fjords where it is currently prohibited to eject wash water, reports Lloyd's List.


Examining Ship Engine Failures on Stormy Seas. By Harry Valentine. *Maritime Executive.* 25 March 2019. Available from: https://www.maritime-executive.com/editorials/examining-ship-engine-failures-on-stormy-seas When the Viking Sky encountered difficulty and an engine shut down in the storm off the Norwegian coast on Saturday, the freight ship that sailed to its assistance through identical wave conditions also experienced an engine shutdown, raising the possibility of common factors having caused engines to shut down aboard both ships.


United Nations praises InterManager's schools project. *InterManager.* 25 March 2019. Available from: https://www.intermanager.org/2019/03/united-nations-praises-intermanagers-schools-project/ A pioneering project to involve schoolchildren in the shipping industry has been praised by the United Nations as a good example of how to educate young people about ocean life.

Steps for Cyprus shipping to stay competitive. *Hellenic Shipping News.* 26 March 2019. Available from: [https://www.hellenicshippingnews.com/steps-for-cyprus-shipping-to-stay-competitive/](https://www.hellenicshippingnews.com/steps-for-cyprus-shipping-to-stay-competitive/) Four are the steps the Deputy Ministry of Shipping pushes forward in a bid to ensure Cyprus’ competitiveness.


Shippers need to accept IMO2020 bunker surcharges start now. *Ship & Bunker.* 26 March 2019. Available from: [https://shipandbunker.com/news/world/214035-shippers-need-to-accept-imo2020-bunker-surcharges-start-now](https://shipandbunker.com/news/world/214035-shippers-need-to-accept-imo2020-bunker-surcharges-start-now) Shippers have already been airing their grievances with carriers’ IMO2020 bunker surcharge plans, but they need to accept they will have to start paying them now and not just from January 1, 2020 when the new global sulfur cap comes into force.


European carriers disagree on how to measure CO2 emissions. By Tomas Kristiansen. *ShippingWatch.* 27 March 2019. Available from: [https://shippingwatch.com/secure/carriers/article11281767.ece](https://shippingwatch.com/secure/carriers/article11281767.ece) Now, it is up to the EU and ultimately the new European Parliament to decide what to do.


Green revolution for the world's shipping fleet comes not a moment too soon. By David Dodwell. *South China Morning Post.* 29 March 2019. Available from: [https://www.scmp.com/comment/insight-opinion/article/3003785/future-shipping-should-include-used-cooking-oil-and-cleaner](https://www.scmp.com/comment/insight-opinion/article/3003785/future-shipping-should-include-used-cooking-oil-and-cleaner) Out of sight, out of mind, out on the open oceans, the world’s shipping fleet is bracing for an environmental revolution.


RESEARCH

Fisheries provide food and support livelihoods across the world.

The UN General Assembly has made a unanimous decision to start negotiations to establish an international, legally-binding instrument for the conservation and sustainable use of marine biological diversity within Areas Beyond National Jurisdiction (ABNJ).

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maritimeknowledgecentre@imo.org

About the cover

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