About the MKC Current Awareness Bulletin (CAB)

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

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

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The MKC Current Awareness Bulletin (CAB) is compiled 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

Energy efficiency in shipping - why it matters!

All industries are looking to becoming cleaner, greener and more energy efficient – and shipping is no exception. Improved energy efficiency means less fuel is used, and that means less harmful emissions.

The International Maritime Organization (IMO) – the United Nations specialized agency with responsibility for safe, secure and environment-friendly shipping - is leading a European Union funded project designed to help shipping move into a new era of low-carbon operation.

IMO has launched a video outlining how the Global MTCC Network (GMN) initiative is uniting technology centres – Maritime Technology Cooperation Centres (MTCCs) – in targeted regions into a global network. Together, they are promoting technologies and operations to improve energy efficiency in the maritime sector. Full Story

IMO MEETINGS FOR 2018

Sub-Committee on Ship Systems and Equipment (SSE)
5th session, 12/03/2018 – 16/03/2018

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Intersessional Working Group on Reduction of GHG Emissions from Ships
3rd Meeting, 3 - 6 April 2018 Opening Remarks

IMO PRESS BRIEFINGS

UN maritime organization celebrates 70 years with Her Majesty Queen Elizabeth II
Briefing: 04, March 6, 2018

MARPOL amendments enter into force - ship fuel oil reporting requirements, garbage classification and IOPP certificate
Briefing: 03, March 5, 2018

IMO NEWS MAGAZINE (Winter 2017)

IMO PUBLISHING Just Published: 2018 March 2018 Newsletter
UNITED NATIONS

With proposed reforms, UN closer than ever to a development system that is 'fit for purpose'. UN News. 27 February 2018. Available from: https://news.un.org/en/story/2018/02/1003712 In his address to the opening of the annual operational segment of the Economic and Social Council (ECOSOC), Mr. Guterres warned that the world is facing a crisis of legitimacy, confidence and trust, rooted in legitimate fears.

UN chief appoints former New York Mayor as Special Envoy for Climate Action. UN News. 5 March 2018. Available from: https://news.un.org/en/story/2018/03/1004152 "[Mr. Bloomberg’s actions have] has made an enormous difference, and makes us believe that we will soon be running faster than climate change, that we will soon be starting to defeat climate change, that the Paris Agreement [on climate change] can be fully implemented but with an enhanced ambition," Secretary-General Guterres told reporters at UN Headquarters in New York.


CASUALTIES


Coast Guard: Containership loses about 70 containers overboard off U.S. East Coast. By Mike Schuler. gCaptain. 4 March 2018. Available from: http://gcaptain.com/containership-loses-about-70-containers-overboard-off-us-east-coast/ A 10,000 TEU containership lost about 70 containers overboard on Saturday night while about 17 miles off Oregon Inlet, North Carolina.

MSC ContainershipCollides with RoRo in the Netherlands. By Mike Schuler. gCaptain. 5 March 2018. Available from: http://gcaptain.com/msc-containership-collides-with-ro-ro-in-the-netherlands/ Authorities in the Netherlands are investigating a collision involving an MSC containership and a DFDS roll-on/roll-off cargo ship over the weekend.


The MV Herald of Free Enterprise capsized 30 years ago today. gCaptain. 6 March 2018. Available from: http://gcaptain.com/the-ms-herald-of-free-enterprise-capsized-30-years-ago-today/ Today, March 6, 2017, marks 30 years since the capsizing of car and passenger ferry Herald of Free Enterprise with loss of 193 people off the Belgian coast, which led to new international regulations and the formation of the Marine Accident Investigation Branch (MAIB).


Four crew missing from giant fire-stricken Maersk boxship. World Maritime News. 7 March 2018. Available from: https://worldmaritimeneuws.com/archives/246607 After being unsuccessful in their firefighting efforts, the crew sent out a distress signal and 23 of a total of 27 crew members were evacuated to the nearby vessel ALS Ceres, which arrived at the scene.
Hope dwindles in search for missing seafarers after Maersk Honam fire. By Ole Andersen. ShippingWatch. 8 March 2018. Available from: https://shippingwatch.com/secure/carriers/Container/article10390509.ece Despite large-scale search and rescue efforts by numerous vessels and the Indian coast guard, chances of finding the four missing seafarers from burning container ship Maersk Honam alive are dwindling, says Maersk in an update Thursday afternoon CET.


Indian among 4 missing 24 hours after fire on ship. By Narayan Namboodiri. Times of India. 8 March 2018. Available from: https://timesofindia.indiatimes.com/city/mumbai/indian-among-4-missing-24-hrs-after-fire-on-ship/articleshow/63209153.cms A seafarer from Karnataka and three foreign nationals are feared dead after all 27 crew members of a merchant ship, Maersk Honam, jumped into the Arabian Sea, about 800 nautical miles off Mumbai, following a major fire on Tuesday.

Boeing P8i launched to find missing crew members of Maersk Container. New Indian Express. 7 March 2018. Available from: http://www.newindianexpress.com/nation/2018/mar/07/boeing-p8i-launched-to-find-missing-crew-members-of-maersk-container-1783495.html The Indian Navy Boeing P8i was launched on Wednesday from Tamil Nadu’s Arakkonam to look for the four missing crew members of Maersk Container.

USS John S McCain collision in Singapore waters due to 'sudden turn' by US warship, says MOT. Channel News Asia. 8 March 2018. Available from: https://www.channelnewsasia.com/news/singapore/uss-john-s-mccain-collision-investigation-report-10024870 A collision between US Navy destroyer USS John S McCain (JSM) and an oil tanker in Singapore territorial waters on Aug 21 was due to a "sudden turn to the left" made by the warship.


Toxic fumes affect container ship Maersk Honam crew. The Hindu (India). 8 March 2018. Available from: http://www.thehindu.com/news/national/toxic-fumes-affect-container-ship-maersk-honam/article22986244.ece A Thai national, who was among the 23 seamen rescued from the container ship Maersk Honam that caught fire in the Arabian Sea off the Lakshadweep coast, has died, authorities said on Thursday.

Fire prevention in the dock after Maersk Honam inferno. By Janet Porter. Lloyd’s List. 8 March 2018. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1121750 Moving the bridge and accommodation block towards the fore of large boxships was designed to provide better sight lines for the crew over huge stacks of containers.


Maersk confirms another three casualties from Honam fire. By Daniel Logan Berg-Munch and Louise Vogdrup-Schmidt. ShippingWatch. 12 March 2018. Available from: https://shippingwatch.com/secure/carriers/article10401224.ece. Maersk Line now confirms that the company has found the human remains of three of the four crew members missing after the fire on board container ship Maersk Honam.

Remains of three out of four of the missing crew members found onboard Maersk Honam. Maersk. 12 March 2018. Available from: https://www.maersk.com/press/press-release-archive/remains-of-three-out-of-four-of-the-missing-crew-members-found-onboard-maersk-honam. Given the time passed and the severe fire damages of the vessel we must conclude by now that we have lost all four colleagues who have been missing since the fire onboard Maersk Honam which began on 6 March.


Insurers brace for multi-million-dollar claims as Maersk Honam is towed to port. By Mike Wackett. The Loadstar. 13 March 2018. Available from: https://theloadstar.co.uk/insurers-brace-multi-million-dollar-claims-maersk-honam-towed-port/. The insurance industry is bracing itself for hundreds of millions of dollars of claims from the biggest container vessel casualty to date – but some shippers will not have been insured.


Maersk Line changes dangerous cargo procedures after *Honam* fire. By Gretchen Pedersen. *ShippingWatch*. 16 March 2018. Available from: [https://shippingwatch.com/secure/carriers/Container/article10420817.ece](https://shippingwatch.com/secure/carriers/Container/article10420817.ece) Soon it will be time to tow *Maersk Honam* to land, maybe to India, and the initial investigations have also begun into why the fire started.


SCDF puts out oil storage tank fire on Pulau Busing after 'intense' 6-hour battle. By Lydian Lam. *Straits Times*. 20 March 2018. Available from: [http://www.straitstimes.com/singapore/fire-breaks-out-at-pulau-busing](http://www.straitstimes.com/singapore/fire-breaks-out-at-pulau-busing) A blaze involving an oil storage tank on Pulau Busing, off the south-western coast of Singapore, was finally extinguished on Tuesday night (March 20) after six hours of what the Singapore Civil Defence Force (SCDF) described on Facebook as "intense firefighting operations".


Chinese sand-dredger capsizes off Muar; 1 dead, 14 believed alive in sunken hull [NSTTV].
One crew member was killed and 14 others, most of them Chinese, were missing Wednesday after a sand-dredging vessel capsized off Muar, Johor with some believed trapped alive inside the sunken hull.

(Update) Capsized sand-dredger: SAR operation continues despite rough seas [NSTTV].
The search and rescue (SAR) operation for the missing crew of a Chinese sand-mining vessel which capsized off Parit Jawa near here will continue despite strong winds and rough seas.

The hull of an overturned cargo ship that collided with a fishing vessel is being towed out of the way of shipping lanes in the English Channel.

The fire-damaged Maersk Honam is to be towed to Jebel Ali in the UAE.

One of the world's biggest quality assurance and risk management companies, DNV GL, does not recommend towing vessels side by side as was done by Maersk Supply Service in relation to a shipwreck in 2016.

Some anniversaries are somber, not celebratory.

The wreck of the cargo ship Britannica HAV has been tied to a dock at the port of Le Havre now two days after the ship capsized after a collision with a fishing vessel.

A passenger ship carrying 163 people became stuck on rocks in waters off South Korea's southwestern coast Sunday, but all on board were rescued, the Coast Guard said.

The accident-prone partners of the 2M alliance have been involved in another smash.

On Monday, the fishing vessel Princess Hawaii went down about 400 miles north of the island of Hawaii.


Longshoreman killed during cargo ops at Port of Houston. Maritime Executive. 28 March 2018. Available from: https://www.maritime-executive.com/article/longshoreman-killed-during-cargo-ops-at-port-of-houston#gs.hJ_p_GM On Tuesday morning, a longshoreman was killed in an accident during cargo operations on the geared bulker Grebe Bulker at the Port of Houston.

ENVIRONMENT


Prince Albert of Monaco: 'Blue economy' must be a priority to conserve the ocean. By Hayley Dunning. Imperial College London. 1 March 2018. Available from: http://www.imperial.ac.uk/news/185068/prince-albert-monaco-blue-economy-must/ HSH Prince Albert II of Monaco has advocated for ocean science and protection through several local and international schemes, including acting as International Patron for the UN ‘Year of the Dolphin, helping to set up Marine Protected Areas in the Mediterranean, and forming the Prince Albert II of Monaco Foundation to protect the environment and to encourage sustainable development.


Why are the world's climate funds ignoring coral reefs? By Helena Wright. Climate Home News. 6 March 2018. Available from: http://www.climatechangenews.com/2018/03/06/worlds-climate-funds-ignoring-coral-reefs/ With the Ocean Summit in Mexico 7-9 March, and with 2018 dubbed the International Year of the Reef, the world's coral reefs are getting extra attention.
International recognition of shipping noise impact on marine life sparks study.  
*Murdoch University (Australia).* 7 March 2018.  Available from:  
Research on the measurement of shipping noise and its potential impact on whales and other marine animals has received funding under the Australian Government’s National Environmental Science Program (NESP).

Bali’s battle against plastic pollution.  *BBC News.* 7 March 2018.  Available from:  
http://www.bbc.co.uk/news/world-asia-43312464  
The footage captured earlier this week by Rich Horner showed him swimming in Manta Point, a famous diving site about 20km from the popular tourist island.

World Summit of the Oceans 2019 to be held in Abu Dhabi.  *By Nick Webster.*  
*The National (United Arab Emirates).* 11 March 2018.  Available from:  
Helping a “blue economy” to thrive will be a key objective when the sixth edition of the World Summit of the Oceans comes to Abu Dhabi in 2019.

What is biodiversity and why does it matter to us?  *By Damian Carrington.*  
*The Guardian.* 12 March 2018.  Available from:  
It is the variety of life on Earth, in all its forms and all its interactions.

Key biological mechanism is disrupted by ocean acidification.  
*J Craig Venter Institute (US).* 14 March 2018.  Available from:  
A team led by scientists from Scripps Institution of Oceanography at the University of California and the J. Craig Venter Institute (JCVI) has demonstrated that the excess carbon dioxide added to the atmosphere through the combustion of fossil fuels interferes with the health of phytoplankton which form the base of marine food webs.

Coral reef experiment shows: Acidification from carbon dioxide slows growth.  
*Carnegie Institution for Science (US).* 14 March 2018.  Available from:  
Ocean acidification will severely impair coral reef growth before the end of the century if carbon dioxide emissions continue unchecked, according to new research on Australia’s Great Barrier Reef led by Carnegie’s Ken Caldeira and California Academy of Sciences’ Rebecca Albright.

*By Davide Borelli and Tomaso Gaggero.*  
*Frontiers in Marine Science.* 16 March 2018.  Available from:  
Aim of this Frontiers research topic is to analyse the different aspects of the impact of noise emitted by human activities and ships in particular.

RightShip and CBL markets deliver carbon neutral shipping solution for Incitec Pivot Limited.  
*RightShip.* 20 March 2018.  Available from:  
By marrying a carbon offset programme with its proprietary solution for measuring scope 3 emissions, RightShip, in partnership with CBL Markets, has assisted global diversified chemicals manufacturer Incitec Pivot Limited (IPL) to operate its shipping requirements as a carbon neutral activity.

Great Barrier Reef cruise ship 'close call' coupled with expected 250pc rise in traffic sparks concerns.  
*By Brendan Mounter and Kier Shorey.*  
*ABC (Australia).* 20 March 2018.  Available from:  
Projections of a 250 per cent increase in shipping on the Great Barrier Reef over the next 20 years, coupled with a recent navigational infringement by a cruise ship, has prompted calls for a review of the marine park’s maritime management.


Arctic Ocean ice near record low for winter, boost for shipping. By Alister Doyle and Timothy Gardner. Reuters. 23 March 2018. Available from: http://news.trust.org/item/20180323183521-sce4o/ Winter sea ice on the Arctic Ocean covered the second smallest area on record this year, part of a thaw that is opening the region to shipping and oil exploration and may be disrupting weather far to the south, scientists said on Friday.

Arctic wintertime sea ice extent is among lowest on record NASA. 23 March 2018. Available from: https://www.nasa.gov/feature/goddard/2018/arctic-wintertime-sea-ice-extent-is-among-lowest-on-record On March 17, the Arctic sea ice cover peaked at 5.59 million square miles (14.48 million square kilometers), making it the second lowest maximum on record, at about 23,200 square miles (60,000 square kilometers) larger than the record low maximum reached on March 7, 2017.

The government’s marine park plans are diabolical for ocean protection. By Jessica Meeuwig. The Guardian. 23 March 2018. Available from: https://www.theguardian.com/commentisfree/2018/mar/24/the-governments-marine-park-plans-are-diabolical-for-ocean-protection On 20 March, the environment minister, Josh Frydenberg, released the management plans for Australian Marine Parks "for all Australians", indicating that these plans demonstrate a "balanced and scientific evidence-based approach to ocean protection".

ENVIRONMENTAL POLLUTION


**UPDATE 1:** Unified Command responds to oil spill in Shuyak Strait, Alaska. *United States Coast Guard*. 28 February 2018. Available from: [https://content.govdelivery.com/accounts/USDHSCG/bulletins/1dea0cf](https://content.govdelivery.com/accounts/USDHSCG/bulletins/1dea0cf) A Unified Command consisting of Coast Guard and Alaska Department of Environmental Conservation personnel, continues their response to an oil spill in Shuyak Strait, 49 miles north of Kodiak, but efforts have been hampered by inclement weather.


**KPT establishes collective expertise for oil spill preparedness.** *Pakistan Observer*. 5 March 2018. Available from: [https://pakobserver.net/kpt-establishes-collective-expertise-oil-spill-preparedness/](https://pakobserver.net/kpt-establishes-collective-expertise-oil-spill-preparedness/) Karachi Port Trust (KPT) has worked over 7 decades to establish collective expertise for oil spill preparedness to secure safe shipping on clean oceans.


**Ships in the English Channel have highest rate of sulphur violations in northern Europe.** *EurekAlert!* 22 March 2018. Available from: [https://www.eurekalert.org/pub_releases/2018-03/cuot-siti032118.php](https://www.eurekalert.org/pub_releases/2018-03/cuot-siti032118.php) Researchers at Chalmers University of Technology have shown that between 87 and 98 percent of ships comply with the tougher regulations for sulphur emissions that were introduced in northern Europe in 2015.

**Air is getting cleaner around Puget Sound ports even as greenhouse-gases emissions remain about the same.** By Hal Bernton. *Seattle Times (US)*. 22 March 2018. Available from: [https://www.seattletimes.com/seattle-news/environment/you-can-breathe-cleaner-around-puget-sound-ports-report-finds/](https://www.seattletimes.com/seattle-news/environment/you-can-breathe-cleaner-around-puget-sound-ports-report-finds/) The air is generally getting cleaner around Puget Sound ports, which over the decades have been a significant source of pollutants that increase the risk of respiratory problems and cancer.


HEALTH & SAFETY

New report indicates a quarter of seafarers show signs of depression. *Sailors’ Society.*

IMO

The International Maritime Organization (IMO) is moving forward with a marked reduction in the global maximum sulfur content of marine fuel (aka bunker fuel oil) on January 1, 2020.

Hong Kong Pacific Basin Shipping dismisses using scrubbers to meet IMO 2020 rule.

IMO is coming next year. *Island Sun (Solomon Islands).* 1 March 2018. Available from: [http://theislandsun.com.sb/imo-coming-next-year/](http://theislandsun.com.sb/imo-coming-next-year/) IMO external auditors are interested in assessing how well this country is implementing obligations under maritime conventions it signed.

IMO celebrates 70 years as shipping’s guiding beacon. *Fairplay.* 6 March 2018. Available from: [https://fairplay.ihs.com/safety-regulation/article/4298446/imo-celebrates-70-years-as-shipping-s-guiding-beacon](https://fairplay.ihs.com/safety-regulation/article/4298446/imo-celebrates-70-years-as-shipping-s-guiding-beacon) Anniversaries are rarely important, but in the case of the International Maritime Organization, the standing of the organisation and its development over the last 70 years are mirrored in the changes to the industry itself, and those changes cannot be understated with an initial focus on vessel safety also incorporating marine pollution and later the broader environmental challenges.


Argentina, Brazil, India and Saudi Arabia row back on shipping's climate targets.
A group of four big countries have set out to limit climate targets due to be discussed at the IMO's Marine Environment Protection Committee (MEPC) gathering next month.

Call for regulatory sandbox to help shipping and IMO navigate digitalisation.


SEALNG voices support for IMO carriage ban of non-compliant fuels. SEALNG. 13 March 2018. Available from: https://sea-lng.org/sealng-voices-support-imo-carriage-ban-non-compliant-fuels/ SEALNG, the multi-sector industry coalition aiming to accelerate the widespread adoption of liquefied natural gas (LNG) as a marine fuel, today voiced its support for the carriage ban on non-compliant fuels proposed by the IMO when the 0.50% sulphur fuel limit comes into force in January 2020.


IMO defends its position on cyber. By Sam Chambers. Splash 247.com. 15 March 2018. Available from: http://splash247.com/imo-defends-position-cyber/ Discussion at yesterday’s Asia Pacific Maritime (APM) exhibition in Singapore that the International Maritime Organization could lose its legitimacy if it fails to show leadership on cyber matters has prompted a response from the UN body.


The US has changed its IMO course under Trump. By Niklas Krigslund. ShippingWatch. 15 March 2018. Available from: https://shippingwatch.com/secure/carriers/article10416157.ece The US will be more reticent than in the past when the IMO member states gather next month to try to settle on a much-awaited climate strategy for shipping.


International Maritime Organization may mandate slow streaming, ultimately raising costs for shippers and creating supply chain issues. Supply Chain Digest. 20 March 2018. Available from: http://www.scdigest.com/ONTARGET/18-03-20-1.PHP With the 72nd session of the International Maritime Organization’s (IMO) Marine Environment Protection Committee set to take place in London April 9-13, delegates from countries around the world are considering a number of issues to go into a draft text towards a global agreement to reduce maritime greenhouse gas emissions.
Canada moves to dilute Finnish bid to ban dirty fuels from the Arctic. By Levon Sevunts.

Canadian Broadcasting Corporation (CBC). 20 March 2018. Available from: http://www.cbc.ca/news/politics/finland-canada-fuel-arctic-1.4585050. As the world maritime body prepares to consider a Canadian proposal to mitigate the risks of heavy fuel oil pollution in the Arctic, Ottawa is trying to water down a plan by Finland for an outright ban of the highly polluting fuel - used by most ships plying the rapidly warming Arctic.

Japan's Cosmo to expand coker, slash HSFO output as IMO low-sulfur deadline nears.


Nations need to be ambitious on gas emissions at IMO meeting. By Nusrat Ghani.

TradeWinds. 22 March 2018. Available from: http://www.tradewindsnews.com/weekly/1455838/nations-need-to-be-ambitious-on-gas-emissions-at-imo-meeting. Millions of ordinary people around the UK rely on shipping - for the food in their cupboards, the energy that heats their homes, and more.

Governments need to compromise or risk having no IMO CO2 strategy at all.

International Chamber of Shipping (ICS). 26 March 2018. Available from: http://www.ics-shipping.org/news/press-releases/2018/03/26/governments-need-to-compromise-or-risk-having-no-imo-co2-strategy-at-all. Ahead of critical meetings at the UN International Maritime Organization (IMO) which commence on 3 April, the ICS says that governments must compromise to help IMO agree an ambitious strategy for the further reduction of CO2 emissions by shipping that will match the expectations of the Paris Agreement on climate change.

ICS sets new course on climate policy. By Louise Vogdrup-Schmidt and Katrine Grønvald Raun.

ShippingWatch. 26 March 2018. Available from: https://shippingwatch.com/secure/carriers/article10451638.ece. The International Chamber of Shipping, ICS, has changed its stance on the policy to reduce shipping’s CO2 emissions going forward.


INDUSTRY OPINION: Australian shippers reject mandatory slow steaming measures.

ECSA urges parties at IMO to conclude on ambitious GHG reduction targets. 


ECSA has always maintained that shipping has to contribute substantially to global efforts to reduce greenhouse gas (GHG) emissions and will always be committed to most proactive and realistic reduction aspirations.


IMO is the right organization to regulate maritime industry: BIMCO. By Esther Ng. S&P Global Platts. 26 March 2018. Available from: https://www.platts.com/latest-news/shipping/singapore/imo-is-the-right-organization-to-regulate-maritime-27940531 The maritime industry needs global regulations for a global industry, which makes the International Maritime Organization, or IMO, the right organization for this task, BIMCO's chief shipping analyst Peter Sand told S&P Global Platts.

MEPC72: Mandatory slow(er) steaming "Only measure on the table" for shipping to address GHG emissions. Ship & Bunker. 28 March 2018. Available from: https://bit.ly/2H9KzjV As shipping contemplates efforts to reduce its GHGs emissions as part of implied obligations under the COP21 climate deal, the idea of imposing speed limits on the world's fleet is gaining momentum.

Greek shipping union hits back on emissions. By Gary Dixon. TradeWinds. 28 March 2018. Available from: http://www.tradewindsnews.com/incoming/1461417/greek-shipping-union-hits-back-on-emissions The Union of Greek Shipowners (UGS) has said it strongly supports the IMO's emissions targets as it hit back at claims the country was the least committed of all EU member states to tackling climate change.

EU countries aim high in CO2 proposal ahead of London meeting. By Tomas Kristiansen. ShippingWatch. 27 March 2018. Available from: https://shippingwatch.com/secure/carriers/article10461699.ece EU countries that would normally not stand together on environmental matters relating to shipping have now settled on an ambitious negotiation paper to bring to IMO headquarters in London on April 3.

Intertanko plans to submit ballast water contingency measures to IMO. By Esther Ng. S&P Global Platts. 29 March 2018. Available from: https://www.platts.com/latest-news/shipping/singapore/intertanko-plans-to-submit-ballast-water-contingency-27944344 The Intertanko, have come up with a standard procedure on how port-states should respond when a tanker's ballast water management system is not working and plans to submit the procedure to the International Maritime Organization, Intertanko director Tim Wilkins told S&P Global Platts Thursday.

IMO 2020 sulfur cap expected to lead to higher freight rates: SGX event. By Hector Forster. S&P Global Platts. 28 March 2018. Available from: https://www.platts.com/latest-news/shipping/london/imo-2020-sulfur-cap-expected-to-lead-to-higher-26924798 The IMO's 2020 sulfur cap on fuel oil will result in higher vessel operating costs, which are likely to be passed onto freight rates, according to a Singapore Exchange seminar in London last week.

Encouraging international support for improvement to maritime laws. *Times of Malta.* 27 February 2018. Available from: https://www.timesofmalta.com/articles/view/20180227/business/encouraging-international-support-for-improvement-to-maritime-laws.671912. Representatives from 58 countries were in Malta on Tuesday to discuss an important step forward for the international maritime industry: the recognition of judicial sales.


Transport Secretary outlines goal for UK to be at the heart of a maritime technology revolution. *UK Government.* 28 February 2018. Available from: https://www.gov.uk/government/news/transport-secretary-outlines-goal-for-uk-to-be-at-the-heart-of-a-maritime-technology-revolution. Britain’s maritime industry is on the verge of a technological revolution that could make shipping faster, safer and more environmentally friendly, the Transport Secretary will say today (28 February 2018).

Thaw in accord: As Arctic ice melts, territorial disputes are hotting up, too. By Jessica Brown. *The Independent.* 1 March 2018. Available from: http://www.independent.co.uk/environment/geopolitical-consequences-of-melting-arctic-ice-russia-canada-us-northern-sea-route-shipping-natural-a8229306.html. Anyone kept awake at night by climate change-fuelled existential crises won’t have welcomed the news that a ship has just sailed through the Arctic's Northern Sea Route without an icebreaker – the first time this has happened in winter.

To help save our oceans, include women in the conversation. By Farah Obaidullah. *Huffington Post.* 1 March 2018. Available from: https://www.huffingtonpost.com/entry/to-help-save-our-oceans-listen-to-women_us_5a96c7d4e4b0e6a52303b84f. Every other breath we take comes from our oceans - and our oceans are dying.


Driving Singapore's next phase of growth as a global maritime hub. *Maritime and Port Authority of Singapore (MPA)* 7 March 2018. Available from: [https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/7b5c0dcb-0cdc-44ae-83f1-86be5e4b33f6](https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/7b5c0dcb-0cdc-44ae-83f1-86be5e4b33f6) To continue growing the maritime cluster and capturing new opportunities, the MPA will strengthen the connectivity and inter-linkages of Singapore's maritime cluster, build a vibrant innovation ecosystem and develop a future-ready and skilled maritime workforce.


Int'l probing into Maldives flag flying tanker case. By Mohamed Rehan. *Avas Online (Maldives).* 11 March 2018. Available from: [https://avas.mv/en/46030](https://avas.mv/en/46030) Defense Minister Adam Shareef on Sunday has claimed the case of a high-seas ship-to-ship (STS) transfer between two vessels - one identified a North Korean vessel with the other hoisting Maldives flag - has become an international investigation.


On Sunday, a spokesman for Libyan warlord General Khalifa Haftar said that an unnamed foreign vessel was seized off Sousse, a small town near Derna.


Kenya invites Cuba to co-host Blue Economy Conference. By Beth Nyaga. *Kenya Broadcasting Corporation (KBC)*. 19 March 2018. Available from: http://www.kbc.co.ke/kenya-invites-cuba-co-host-blue-economy-conference/ Speaking when she met the Cuban Minister for Trade and Investment, Rodrigo Malmierca, Foreign Affairs Cabinet Secretary Monica Juma said the Conference will provide a platform to engage on action-oriented strategies pertaining to a sustainable blue economy that is people-centric with ocean driven investments.


Italy: Migrant rescue ship impounded. *Human Rights Watch (HRW)*. 19 March 2018. Available from: https://www/hrw.org/news/2018/03/19/italy-migrant-rescue-ship-impounded Italy has impounded a rescue ship and threatened criminal charges against two members of its crew and the coordinator of the organization after they refused to turn migrants over to Libyan forces, fearing that they would be abused.
China’s oceanic authority calls for measures on rising sea levels. *China Daily.Com.*
19 March 2018. Available from: [http://europe.chinadaily.com.cn/a/201803/19/WS5aafaf0a3106e7dcc142908.html](http://europe.chinadaily.com.cn/a/201803/19/WS5aafaf0a3106e7dcc142908.html)
China’s oceanic authority on Monday called for measures to cope with rising sea levels.

**Future of the sea: Foresight report looking at the important future trends, challenges and opportunities for the UK from the sea. *UK Government.***
This report considers the role that science and technology can play in understanding and providing solutions to the long-term issues affecting the sea. Future of the Sea - Report from the Government Chief Scientific Adviser

The value of world's oceans is set to double to £2.14tn by 2030.

UAE blacklists local owner over crew abandonment. By Sam Chambers. *Splash 247.com.*
The United Arab Emirates (UAE) has taken action against another shipowner with a history of abandoning crews.

Court allows conservation, Alaska native groups to challenge Trump's reversal of Arctic, Atlantic drilling bans. *Center for Biological Diversity.*
Conservation and Alaska native groups have a green light to hold President Trump accountable to the rule of law over his attempt to jettison a permanent ban on new offshore oil and gas drilling in the Arctic and Atlantic oceans.

UN advisor criticizes Maersk's shipment for North Korea. By Ole Andersen and Tomas Kristiansen. *ShippingWatch.*
23 March 2018. Available from: [https://shippingwatch.com/secure/Services/article10433790.ece](https://shippingwatch.com/secure/Services/article10433790.ece)
It is not acceptable for subsidiaries in major international transport companies to claim that they did not know what they were transporting when the case involves illegal products from nations under a UN arms embargo such as North Korea, New York-based Enrico Carisch tells ShippingWatch.

Danish Shipping: New trade restrictions are deeply worrying. *Danish Shipping.*
The United States and China are the two largest markets for the Danish shipping sector with annual total exports amounting to 38.5 billion DKK.

Container ship **MSC Kia Ora** banned from Australian ports. *Australian Maritime Safety Authority.*
AMSA inspected the ship in the Port of Brisbane on Wednesday, 14 March 2018 after receiving a complaint which alleged that crew had been underpaid.

South China Sea remains a security challenge, Philippine defence chief says. *South China Morning Post.*
The territorial dispute with Beijing over the South China Sea remained a security challenge despite an improvement in bilateral ties, the Philippine defence chief said on Monday as he accepted three maritime surveillance planes from Japan.

Commission on Limits of Continental Shelf concludes forty-sixth session. *United Nations.*
The Commission on the Limits of the Continental Shelf held its forty-sixth session at United Nations Headquarters from 29 January to 16 March.


**Ocean energy - a sustainable blue growth opportunity for Europe.** *European Commission*. 28 March 2018. Available from: [https://ec.europa.eu/maritimeaffairs/content/ocean-energy-%E2%80%93-sustainable-blue-growth-opportunity-europe_en](https://ec.europa.eu/maritimeaffairs/content/ocean-energy-%E2%80%93-sustainable-blue-growth-opportunity-europe_en). A strong supporter of renewable forms of energy "made in Europe", the Commissioner reaffirmed his belief that by 2030 the oceans could provide energy to millions of Europeans, and his ambition to consolidate and expand the European Union's position as a world leader in ocean energy.

**MARINE TECHNOLOGY**

**DNV GL drone inspection on the Rowan Gorilla VI.** *DNV GL*. 28 February 2018. Available from: [https://www.youtube.com/watch?v=u5r4Xe9pkrI](https://www.youtube.com/watch?v=u5r4Xe9pkrI). DNV GL surveyors recently used drones to inspect the *Rowan Gorilla VI*, a Super Gorilla Class Jack-up owned by Rowan Companies.

**The drone squad for ship surveys.** *All About Shipping*. 2 March 2018. Available from: [http://www.allaboutshipping.co.uk/2018/03/02/the-drone-squad-for-ship-surveys/](http://www.allaboutshipping.co.uk/2018/03/02/the-drone-squad-for-ship-surveys/). Since DNV GL carried out its first production drone survey, June 2016, it has become the leading provider in the field.


Upheaval in the modern maritime sector can be compared to changes in the 19th century, when relatively efficient steam-powered engines replaced giant sails dependent on gusts of wind.

LR has released a new underwater noise notation and ShipRight procedure on underwater radiated noise with the intention of helping shipowners minimise underwater noise emissions when operating in sensitive environments.

Autonomous vessels are generating increasing interest in the shipping industry, both due to novelty and promising commercial benefits.

Since its introduction to the market in 2009, the Electronic Chart Display and Information System (ECDIS) has become the de-facto navigational chart system used by naval vessels and ships worldwide.

After years of standstill, digitalization efforts now seem to have taken off for real in the container sector, where a growing number of players are now investing large sums in finding new solutions for themselves and for customers.

Autonomous coastal shipping can help reduce the amount of cargo transported by road and rail across nations.

A new series of classification notations, guidelines and services enable owners to comply with regulatory requirements, safeguard their crews and protect their assets from both malfunction and malicious attack.

A planned two-year regulatory scoping exercise at the International Maritime Organization (IMO) on autonomous ships is months away and already the US Coast Guard (USCG) is receiving heat from unions representing vessel crews on Jones Act and other US-flag ships.

It will take a long time before batteries become an actual possibility for commercial ships sailing on the major deep sea trade routes.
Maritime CEO Forum: Shipping anywhere from 30 to 500 years behind the technology curve.

Shipping has been warned it's nearer to Kodak than Uber in its slow adoption of technology.

Wärtsilä acquires Transas to accelerate its Smart Marine Ecosystem vision.

The technology group Wärtsilä is to acquire Transas, a global company headquartered in the U.K.


The world's first 100-percent electric barges are set to start chugging between the busy ports of Antwerp, Amsterdam, and Rotterdam in Belgium and the Netherlands by the end of the year, cutting down the numbers of diesel-powered trucks transporting goods.


Imagine having access to every bit of information on your ship - from engine performance to hull integrity - available at a glance throughout the full lifetime of the vessel.


Digitalisation has become a key enabler for making the maritime industries more innovative, efficient and fit for future operations.


Rolls-Royce has completed the £1.3 million MAXCMAS (MAchine eXecutable Collision regulations for Marine Autonomous Systems) research project, demonstrating that the operation of autonomous vessels can meet, if not exceed, current collision avoidance (COLREG) rules.


The latest generation of MTU's Series 4000 engines equipped with the SCR system for ships has successfully completed the IMO Tier III certification tests.


Commodities trader Trafigura will install scrubbers on its fleet of newbuild tankers to comply with new regulations from 2020 that will slash sulphur levels that ships are allowed to burn, a company spokesperson told Reuters on Monday.


This week, I visited Rolls-Royce's research and development centre for autonomous ships in Finland's oldest city, Turku.
MARITIME EDUCATION & TRAINING


UK businesses gear up to promote maritime careers on Tidal Tuesday. By Holly Birkett. *UK Chamber of Shipping.* 2 March 2018. Available from: [https://www.ukchamberofshipping.com/latest/uk-businesses-gear-promote-maritime-careers-tidal-tuesday/](https://www.ukchamberofshipping.com/latest/uk-businesses-gear-promote-maritime-careers-tidal-tuesday/) Less than a week remains before shipping businesses around the UK will throw open their doors to promote maritime careers on Tidal Tuesday (6th March), as part of National Careers Week.


MARITIME SAFETY


MARITIME SECURITY


Omamo appeals for more resources to improve maritime security. By Martin Mukangu. Daily Nation (Kenya). 1 March 2018. Available from: https://www.nation.co.ke/news/Omamo-more-resources-improve-sea-security/1056-4325012-o8hilnz/index.html The lack of security in the maritime domain will not allow for the development of the blue economy which is part of President Uhuru Kenyatta's "Big Four" deliverables he unveiled during his Jamhuri Day Address.

Invading the system: How to address cyber threats. Manila Times. 6 March 2018. Available from: http://www.manilatimes.net/invading-system-address-cyber-threats/384321/ There is no denying that threats accompany the op-portunities presented to the Philippine maritime industry, and these include cyberattacks.

Pen Test Partners' top 10 tactical tips to reduce the risks of cyber hacking. Ship Management International. 7 March 2018. Available from: http://shipmanagementinternational.com/pen-test-partners-top-10-tactical-tips-to-reduce-the-risks-of-cyber-hacking/ Ethical hackers Pen Test Partners have spent a lot of time highlighting cyber vulnerabilities within the maritime sector by speaking at various shipping conferences and events to promote the need for better cyber security.


Maritime transport in Africa: Efforts to avoid illegal passengers. *Cameroon Tribune*. 21 March 2018. Available from: [https://www.cameroon-tribune.cm/articles/17602/fr/](https://www.cameroon-tribune.cm/articles/17602/fr/) International experts and port managers are meeting in a workshop in Yaounde to analyse the current situation of stowaways passengers on ships and define strategies to reduce their number.


Seychelles hosts high-level forum on maritime security. *Seychelles Nation*. 22 March 2018. Available from: [http://www.nation.sc/article.html?id=258148](http://www.nation.sc/article.html?id=258148) Maritime security is not just one nation's concern but an international priority that can be tackled only by working together in a concerted manner.


MIGRANTS

Mediterranean migrant arrivals reach 10,243 in 2018; Deaths reach 418.

Mediterranean migrant arrivals reach 10,949 in 2018; Deaths reach 442.


Mediterranean migrant arrivals reach 11,636 in 2018; Deaths reach 462.


Mediterranean migrant arrivals reach 12,983 in 2018; Deaths reach 495.
*International Organization for Migration (IOM)*. 20 March 2018. Available from: [http://www.iom.int/news/mediterranean-migrant-arrivals-reach-12983-2018-deaths-reach-495](http://www.iom.int/news/mediterranean-migrant-arrivals-reach-12983-2018-deaths-reach-495) IOM reports that 12,983 migrants and refugees have entered Europe by sea through the first 11 weeks of 2018, with about 47 per cent arriving in Italy and the remainder divided between Greece (30%) Spain (22%) and Cyprus (less than 1%).
"My crew saved 218 migrants from drowning - so why are we the enemy?" By Lorenzo Tondo. The Guardian. 24 March 2018. Available from: https://www.theguardian.com/world/2018/mar/24/proactiva-open-arms-rescue-boat-saved-218-from-drowning-mediterranean-migrants Captain Marc Reig’s ship is stuck in a Sicilian port, and a hostage to Italy’s resurgent right, as charities become a target for their role in rescuing refugees

Mediterranean migrant arrivals reach 13,043 in 2018; Deaths reach 497. International Organization for Migration (IOM). 23 March 2018. Available from: https://www.iom.int/news/mediterranean-migrant-arrivals-reach-13043-2018-deaths-reach-497 reports that 13,043 migrants and refugees have entered Europe by sea through the first 80 days of 2018, with about 47 per cent arriving in Italy and the remainder divided between Greece (30%) Spain (22%) and Cyprus (less than 1%).

NAVIGATION & COMMUNICATIONS


Experts: tenfold increase of Northern Sea Route’s cargo turnover possible. TASS Russian News Agency. 2 March 2018. Available from: http://tass.com/economy/992425 Building up the cargo turnover along the Northern Sea Route (NSR) to 80 million tonnes by 2025 is a realistic task, which may be achieved by developing infrastructures and the icebreaker fleet, experts in the transport sector told TASS.

This nuclear-powered ship will break through two meter thick Arctic ice at 12 knots speed. Port News. 2 March 2018. Available from: http://en.portnews.ru/digest/19694/ It was icebreakers which was the prime interest of the Russian President as he this week met with Aleksey Likhachev, leader of state nuclear power company Rosatom.


Seabed mapping to improve Tonga's blue economy. Matangi Tonga Online. 5 March 2018. Available from: http://matangitonga.to/2018/03/05/seabed-mapping-improve-tongas-blue-economy Key areas of Tonga's seabed approaching the harbor in Nuku'alofa, are currently being mapped by state-of-the-art multibeam sonar equipment chartered by the UK Hydrographic Office (UKHO) to update nautical charts and publications.


Navy's Hydrographic Service prepares first Nautical Chart. Government of Sri Lanka. 10 March 2018. Available from: http://www.defence.lk/new.asp?fname=Navys_Hydrographic_Service_prepares_first_Nautical_Chart_20180310_01 According to Navy media, the new chart covering the 'Kachchativu' island was officially handed over to the Commander of the Navy, Vice Admiral Sirimevan Ranasinghe by the Navy's Chief Hydrographer, Rear Admiral Sisira Jayakody during a brief ceremony.


Arctic sea ice becoming a spring hazard for North Atlantic ships. University of Manitoba (Canada). 19 March 2018. Available from: http://news.umanitoba.ca/arctic-sea-ice-becoming-a-spring-hazard-for-north-atlantic-ships/ More Arctic sea ice is entering the North Atlantic Ocean than before, making it increasingly dangerous for ships to navigate those waters in late spring, according to new research led by the University of Manitoba.
Correct use of ECDIS. Skuld. 22 March 2018. Available from: https://www.skuld.com/topics/ship/navigation/correct-use-of-ecdis/ Skuld would like to bring to our Members’ attention the United Kingdom's Marine Accident Investigation Branch’s (MAIB) Accident Investigation Report 22/2017 which highlights the dangers of misuse of an electronic chart display and information system (ECDIS) in passage planning and monitoring.


HMM to concentrate on services for European and Indian routes. By Jung Min-hee. Business Korea (South Korea). 26 March 2018. Available from: http://www.businesskorea.co.kr/english/news/industry/21272-instead-east-coast-na-hmm-concentrate-services-european-and-indian-routes According to the maritime industry and Chosun Biz on March 26, Hyundai Merchant Marine (HMM) decided to stop negotiations for route services to the east coast of North America with Israeli shipping company ZIM, and accordingly there will be no national flag carrier to provide the services for a while.


Ice-breaking LNG carrier "Vladimir Rusanov" for Yamal LNG project started the first loading operation in the Yamal LNG plant at Sabetta Port. Mitsui O.S.K.Lines (MOL). 29 March 2018. Available from: http://www.mol.co.jp/en/pr/2018/18021.html MOL President & CEO: Junichiro Ikeda today announced that from March 27 to March 28 the first loading operation of the Ice-Breaking LNG Carrier Vladimir Rusanov, which was jointly ordered by MOL and China COSCO Shipping Corporation Limited (China COSCO Shipping), was conducted in the Yamal LNG plant at Sabetta port.
PIRACY

After Somali piracy, is sailing the Western Indian Ocean safe again? By Christian Bueger and Timothy Edmunds. The Conversation. 28 February 2018. Available from: https://theconversation.com/after-somali-piracy-is-sailing-the-western-indian-ocean-safe-again-91578 This year marks the 10th anniversary of the international campaign against Somali piracy.


Yet another tanker is attacked off Nigeria. By Cichen Shen. Lloyd's List. 16 March 2018. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1121860/Yet-another-tanker-is-attacked-off-Nigeria The waters off Nigeria have seen yet another attack on a merchant vessel, as piracy activities ramp up in the region.


PORT STATE CONTROL


Nigeria may lose out from Abuja MoU over low shipping capacity, infrastructure. Business Highlights (Nigeria). 26 March 2018. Available from: http://businesshighlightsonline.com.ng/nigeria-may-lose-out-from-abuja-mou-over-low-shipping-capacity-infrastructure/ Ahead of new drive to harmonize port state control inspection procedures that will lead to the elimination of substandard shipping in the West and Central Africa sub-region, the Abuja Memorandum of Understanding (MoU) will host its 3rd Ministerial Conference and 9th Port state Control Committee Meeting soon.

CURRENT AWARENESS BULLETIN | Vol. XXX | No. 3 | March 2018

PORTS & HARBOURS


Djibouti signs port deal with Singapore-based Pacific International Lines. Reuters. 6 March 2018. Available from: https://af.reuters.com/article/topNews/idAFKCN1GI1G6-OZATP Djibouti's Doraleh Container Terminal Management Company has signed a deal with Singapore-based Pacific International Lines to raise by a third the amount of cargo handled at the port, the country's Ports and Zones Authority said on Tuesday.

Ports of Bremen and Bremerhaven sign up to Arctic commitment. Bremenports GmbH & Co.KG. 7 March 2018. Available from: http://bremenports.de/en/ports-of-bremen-and-bremerhaven-sign-up-to-arctic-commitment/ The ports of Bremen and Bremerhaven, Germany, have joined an ambitious campaign to a ban on heavy fuel oil (HFO) from Arctic shipping – along with more than 80 companies, organisations, politicians, NGOs and explorers.


Largest construction ever shipped via the Port of Gothenburg. *Port of Gothenburg.*

15 March 2018. Available from: [https://worldmaritimenews.com/archives/247300/](https://worldmaritimenews.com/archives/247300/) The European Commission is expected to publish a proposal for a revision of the RFD in early May 2018 that is intended to remedy the current costly, unharmonised and burdensome reporting requirements facing ships calling at EU ports.

Ports & shipowners: gas development deal in Italy. *MediTelegraph (Italy).* 14 March 2018. Available from: [http://www.themeditelegraph.com/en/shipping/shipowners/2018/03/14/ports-shipowners-gas-development-deal-italy-bOyL2f49w0xkz5x9umFzK/index.html](http://www.themeditelegraph.com/en/shipping/shipowners/2018/03/14/ports-shipowners-gas-development-deal-italy-bOyL2f49w0xkz5x9umFzK/index.html) An agreement on the use of liquefied natural gas in port areas was approved by Italy's shipowners' associations (Confitalm e AssArmatori) and the associations of the gas sector (Federchimica-Assogasliquidi and Assocostieri) - under the coordination of Assoporti - and has been signed by all parties.

Djibouti sees China involvement in port as no threat to U.S. By Nizar Manek. *Bloomberg.*


Consortium of shipping giants perform blockchain tests. *Port Technology International.*

Hamad Port reaches 1mn TEU milestone in record time. By Peter Alagos. *Gulf Times (Qatar).*
19 March 2018. Available from: [http://www.gulf-times.com/story/585688/Hamad-Port-hits-one-million-containers-mark](http://www.gulf-times.com/story/585688/Hamad-Port-hits-one-million-containers-mark) Hamad Port has reached the 1mn TEU (twenty-foot equivalent unit) mark in only under 14 months, a significant milestone described as "one of the fastest in the region" achieved amidst an economic blockade imposed on Qatar in June 2017.

21 March 2018. Available from: [https://af.reuters.com/article/commoditiesNews/idAFN8N1R1257](https://af.reuters.com/article/commoditiesNews/idAFN8N1R1257) Upgrading Asia-Pacific's biggest ports to cope with the effects of climate change will cost up to $49 billion, but the bill could be even higher if no action is taken, researchers said.


REGULATIONS

Garbage disposal and handling of residues from solid bulk cargoes. Gard. 28 February 2018. Available from: http://www.gard.no/web/updates/content/25062775/garbage-disposal-and-handling-of-residues-from-solid-bulk-cargoes- The current version of MARPOL Annex V entered into force on 1 January 2013 and prohibits the discharge of all garbage into the sea in general.

Refiners need cleaner fuels to meet environmental regulations. By Inderpreet Walia. Lloyd's List. 2 March 2018. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1121660 Refiners avoid the topic of producing cleaner bunker fuels leaving shipowners to shoulder the burden of impending marine fuel regulations, claimed participants at the Mare Forum in Singapore.


20|20 Marine Energy and BunkerMetric sign agreement to launch predictive analysis technology for 2020 compliance. Hellenic Shipping News. 8 March 2018. Available from: https://www.hellenicshippingnews.com/2020-marine-energy-and-bunkermetric-sign-agreement-to-launch-predictive-analysis-technology-for-2020-compliance/ 20|20 Marine Energy and BunkerMetric announced the signing of a Memorandum of Understanding (MoU), which will see the launch of a new predictive analysis tool that enables ship owners, operators and fuel buyers to understand the financial and operational impact of the impending MARPOL Annex VI global 0.5% sulphur cap on their fleets when it comes into force on 1st January 2020.
Brazil fights emissions cap for shipping, citing cost concerns. By Megan Darby.


BP expects strong compliance for marine sulphur emissions caps. By Devika Krishna Kumar.

*Reuters.* 13 March 2018. Available from: [https://uk.reuters.com/article/uk-usa-fuel-shipping/bp-expects-strong-compliance-for-marine-sulphur-emissions-caps-idUKKCN1GP2RK](https://uk.reuters.com/article/uk-usa-fuel-shipping/bp-expects-strong-compliance-for-marine-sulphur-emissions-caps-idUKKCN1GP2RK) Oil major BP Plc expects more than 90 percent of the world’s shipping fleet will comply with new regulations slashing sulphur levels ships are allowed to burn starting 2020, a company executive said on Tuesday.

Uncertainty looms over extent of scrubber use ahead of IMO 2020 rule. By Surabhi Sahu and Ether Ng.


Emissions regulations: 'It's not easy being green'. By Robert Kunkel.

*Maritime Propulsion.* 15 March 2018. Available from: [https://www.maritimepropulsion.com/news/emissions-regulations-not-easy-535114](https://www.maritimepropulsion.com/news/emissions-regulations-not-easy-535114) Whether your marine operation is a major corporation or a family "mom and pop" company, the type of fuel you now burn or for that matter what emanates from your stack each day after the burn has now become a major source of confusion.

LSFO set to be default bunker fuel choice as IMO 2020 rule nears: Bimco exec. By Surabhi Sahu, Eric Yep, Sameer Mohindru, and Irene Tang.


LNG group jumps on carriage ban bandwagon. By Jamey Bergman.


Ship Owners’ Multibillion-Dollar Quandary: Buy Cleaner Fuel or a Fuel Cleaner?

*Hellenic Shipping News.* 21 March 2018. Available from: [https://www.hellenicshippingnews.com/ship-owners-multibillion-dollar-quandary-buy-cleaner-fuel-or-a-fuel-cleaner/](https://www.hellenicshippingnews.com/ship-owners-multibillion-dollar-quandary-buy-cleaner-fuel-or-a-fuel-cleaner/) The owners of 60,000 cargo ships are bracing for tighter emissions rules that are forcing them to make a multibillion-dollar choice: Start buying cleaner-burning fuel or invest in a device that treats the ship's exhaust before letting it out.

IMO2020 rule lets sophisticated refineries print money: Wood Mackenzie.


**SALVAGE**


SEAFARERS


What's it like being a female cadet? By Holly Birkett.  *UK Chamber of Shipping*. 8 March 2018. Available from: [https://www.ukchamberofshipping.com/latest/whats-it-being-female-cadet/](https://www.ukchamberofshipping.com/latest/whats-it-being-female-cadet/) We hear so much about shipping being a male-dominated industry, especially at sea - does this translate to being a hostile environment for women to work?


Interview: Shore-based jobs big opportunity for women to join maritime.  *World Maritime News*. 12 March 2018. Available from: [https://worldmaritimene.com/archives/246969](https://worldmaritimene.com/archives/246969) Although things have changed when looking at the global industry, the maritime sector is still a comparatively dangerous one even in countries in which women are encouraged to play an active role in the workforce.


Seafarers Happiness Index Q4 2017. Mission to Seafarers. 20 March 2018. Available from: https://www.missiontoseafarers.org/Handlers/Download.ashx?IDMF=1bac527c-bf8e-4fea-a622-82d375f64d02 As this is the first of a new set of Seafarer Happiness Index reports, there is no current Mission to Seafarers data set to compare with.


Celebrations as Malaviya Seven crew finally paid. By Kieran Beattie. Press and Journal (UK). 27 March 2018. Available from: https://www.pressandjournal.co.uk/wp/news/aberdeen/1441759/celebrations-as-malaviya-seven-crew-finally-paid/ A routine inspection in June 2016 found the 12 seafarers on board the Malaviya Seven offshore supply vessel had not been paid in months, and the ship was forbidden from leaving Aberdeen Harbour.
SEARCH & RESCUE

Canada's northern people deserve better Arctic SAR capabilities. By Pierre Leblanc.  

SHIP RECYCLING

Major shipping companies and banks to shed light on scrapping. By Louise Vogdrup-Schmidt.  
*ShippingWatch*. 7 March 2018. Available from: [https://shippingwatch.com/secure/carriers/article10385208.ece](https://shippingwatch.com/secure/carriers/article10385208.ece) A group of major shipping companies has joined forces with two financial institutions and Lloyd's Register to launch a project Wednesday aimed at making the process of scrapping vessels more transparent.

New transparency initiative launched to accelerate responsible ship recycling practices. By Ulrike Stein.  

Berlin should back IMO scrap deal and reject Brussels. By Julian Bray.  

Perils of ship breaking in Bangladesh. By Baibhav Mishra.  

A European road map of ship recycling. By Nikos Mikelis.  
*Hellenic Shipping News*. 19 March 2018. Available from: [https://www.hellenicshippingnews.com/a-european-road-map-of-ship-recycling/](https://www.hellenicshippingnews.com/a-european-road-map-of-ship-recycling/) In 2011 the European Union through the European Commission concluded that the regulation of ship recycling activities through the European Regulation on Shipments of Waste (EC) No 1013/2006 was not effective as 91% of the ships that should be controlled by the Regulation during their study period had evaded its provisions (presumably the remaining 9% being mostly small ships and also government owned ships).
SHIPBUILDING & SHIPREPAIR


Europe sails towards electrified shipping fleets. *Hellenic Shipping News*. 12 March 2018. Available from: [https://www.hellenicshippingnews.com/europe-sails-towards-electrified-shipping-fleets/](https://www.hellenicshippingnews.com/europe-sails-towards-electrified-shipping-fleets/). Since early 2015, a mid-sized car ferry, the *MS Ampere*, has been traversing the Sognefjord in western Norway from early morning to evening, seven days a week - without a whiff of smokestack exhaust or a decibel of engine roar.


Hurtigruten boss: consolidation and retirement of old ships in expedition sector.

Hyundai Samho Heavy Industries ready to deliver its green oil tanker. By Woo Je-yoon and Lee Eun-joo. Pulse (South Korea). 14 March 2018. Available from: http://pulsenews.co.kr/view.php?year=2018&no=166349 South Korea's Hyundai Samho Heavy Industries Co. affiliated with the country's largest shipbuilder Hyundai Heavy Industries Co. has completed building a very large crude-oil carrier (VLCC) fitted with an exhaust gas cleaning system that can meet stricter restrictions on sulphur oxide emissions that will come into force in 2020.

Change is in the wind with ship that promises zero emissions. By Paul Berrill. TradeWinds. 14 March 2018. Available from: http://www.tradewindsnews.com/shipsales/1447025/change-is-in-the-wind-with-ship-that-promises-zero-emissions An attempt to create not just the world's first zero-emissions ship but a whole fleet of them is set to be unveiled this year.


Sink or sail? - shipbuilders face critical point for survival. By Park Jae-hyuk. Korea Times. 18 March 2018. Available from: https://www.koreatimes.co.kr/www/tech/2018/03/693_245782.html The nation's shipbuilding industry officials are maintaining a cautious outlook, despite growing expectations about recovery following an increase in the number of orders that shipbuilders have obtained this year.


Integration of ecosystems. By Vitaly Chernov. Port News. 22 March 2018. Available from: http://portnews.ru/comments/2471/ Amid the growing geopolitical tension Russian shipbuilding is keeping its way towards closer integration with Finland, its historical partner in this industry.

SHIPPING


Amid growing concern about bad Arctic weather, more shipping companies move into area without icebreakers. By Atle Staalesen. Independent Barents Observer (Norway). 5 March 2018. Available from: https://thebarentsobserver.com/en/arctic/2018/03/amid-growing-concern-about-bad-arctic-weather-more-shipping-companies-move-area A quickly growing number of ships are confronting the thick ice and tough climatic conditions on Russia’s Northern Sea Route, and pressure on the country’s fleet of icebreakers is mounting.

Reports of the death of slow-steaming by box carriers are greatly exaggerated. By Mike Wackett. The Loadstar. 5 March 2018. Available from: https://theloadstar.co.uk/reports-death-slow-steaming-greatly-exaggerated/ “It’s not something that we plan to do”, said the Maersk Group chief executive last week, referring to the growing clamour from shippers to drop slow-steaming and improve transit times and schedule reliability.

More ferry firms swap bunkers for batteries. Ship & Bunker. 5 March 2018. Available from: https://shipandbunker.com/news/emea/578809 The reality of battery-powered ULCCs may still be some way into the future, but ferry firms are among an increasing number of companies operating smaller vessels that are swapping traditional oil-based bunkers for battery power.

EU Member States in call to end crippling reporting formalities for ships. Danish Shipping. 8 March 2018. Available from: https://www.danishshipping.dk/en/press/news/eu-member-states-in-call-to-end-crippling-reporting-formalities-for-ships  The current directive introduced the concept of National Single Windows as a way to harmonise reporting obligations from ships to a single electronic system in each Member State but failed to harmonise data requirements or the mechanisms for sending them thus creating more burdens on maritime carriers in EU.


Shipping urged to modernise business models and create money 'beyond the vessel'. By Tanya Blake. Fairplay. 8 March 2018. Available from: https://bit.ly/2tsVEa  By following traditional cyclic business models, shipping is at risk of losing out on revenue being created by digital innovation.


Dualog says shipping must prepare for a different future. By Sarah Carter. ShipInsight. 12 March 2018. Available from: https://shipinsight.com/dualog-says-shipping-must-prepare-for-a-different-future/  Morten Lind-Olsen, Norwegian entrepreneur and CEO of Dualog, said that while the drivers for greater innovation and efficiencies are now the asset owners because they know that whosoever of them 'has the better digital strategy will be the one to succeed', companies like Amazon will demand that the perception of logistics from their point of view is fully understood.

New Hebron offshore oil platform a Canadian engineering marvel. By Greg Naterer. The Conversation. 12 March 2018. Available from: https://theconversation.com/new-hebron-offshore-oil-platform-a-canadian-engineering-marvel-90626  Incredible feats of engineering and construction have been accomplished by Canadians throughout our history - the Confederation Bridge, the CN Tower, the transcontinental railway, Rideau Canal, the CANDU nuclear reactor and Canadarm, to name just a few.

The maritime HR crunch in Singapore. By Jason Jiang. Splash 247.com. 13 March 2018. Available from: http://splash247.com/maritime-hr-crunch-singapore/ Singapore has been one of the major maritime clusters in the world for years and the maritime industry contributes around 7% of Singapore's GDP and employs more than 170,000 people.


"Carriers risk becoming the Uber drivers of seaborne freight". By Niklas Krigslund. Shipping Watch. 14 March 2018. Available from: https://shippingwatch.com/secure/carriers/article10411114.ece Shipping companies need to develop new services for customers if they want to avoid being reduced to underpaid middlemen in the global supply chain, says Christopher Rex, Head of Research at Danish Ship Finance.


ICS publishes latest Flag State Performance Table (With New Criteria Included). International Chamber of Shipping (ICS). 15 March 2018. Available from: https://bit.ly/2FJQcUs The Table provides a helpful indication of the performance of individual flag states worldwide, which analyses how the administrations included deliver against a number of criteria such as port state control records, ratification of international maritime Conventions and attendance at IMO meetings. Flag State Performance Table:2017/2018 Interactive Flag State Performance Table


Sir Michael Bibby elected President of the UK Chamber. UK Chamber of Shipping. 16 March 2018. Available from: https://www.ukchamberofshipping.com/latest/sir-michael-bibby-elected-president-uk-chamber/ Sir Michael Bibby was elected President of the UK Chamber of Shipping at the organisation's Annual General Meeting in London on Thursday.
NGO: Why shipping investors need to get involved in the climate. By Katrine Grønvald Raun. ShippingWatch. 16 March 2018. Available from: https://shippingwatch.com/secure/carriers/article10396662.ece Just a few years ago, the climate was probably one of the last things to be discussed when banks and carriers met to discuss loan terms and funding of vessels.

Incentive schemes for promoting green shipping. By Renilde Becque. Splash 247.com. 16 March 2018. Available from: http://splash247.com/incentive-schemes-promoting-green-shipping/ With 40% of the world's population living within 100 km of a coast, millions of people are subject to air pollution from ships in ports and coastal waters and studies have shown that these pollutants can travel hundreds of kilometres inland.

Incentive schemes for promoting green shipping: Discussion Paper. Natural Resources Defense Council (NRDC). January 2018. Available from: https://www.nrdc.org/sites/default/files/incentive-schemes-promoting-green-shipping-ip.pdf In various countries and cities around the world, ports have in recent years introduced their own incentive programs to encourage ships calling at their ports to use cleaner marine fuels or in other ways reduce air emissions while in the port area.

Capt. Antonio M. Padrón on the "Sea of Opportunities" project. All About Shipping. 18 March 2018. Available from: http://www.allaboutshipping.co.uk/2018/03/18/capt-antonio-m-pardon-on-the-sea-of-opportunities-project/ During the meeting, the need to bring to the youth the benefits of the maritime sector was highlighted and new ideas for collaborations between the IMO Maritime Ambassador and FACOCIP in this matter have been outlined.


Serious incidents in the oil sector spurs growth at petroleum authority. By Katrine Grønvald Raun. ShippingWatch. 19 March 2018. Available from: https://shippingwatch.com/secure/Offshore/article10427470.ece While several oil companies have scaled down their workforce significantly in recent years, the Petroleum Safety Authority Norway has noted the exact opposite development.

Megaships' impact on PH maritime industry. Manila Times. 20 March 2018. Available from: http://www.manilatimes.net/megaships-impact-on-ph-maritime-industry/387325/ The Philippine maritime industry may see a literally huge change in the future of shipping as more cargo companies are investing in large-scale vessels or megaships.


"Shipping has been too much fat and too much inefficiency" . By Tomas Kristiansen. ShippingWatch. 20 March 2018. Available from: https://shippingwatch.com/secure/carriers/article10426925.ece Shipping has suffered from inefficiency over the last 10 to 15 years, if you ask the dual management team of German Zeaborn, which apart from operating a growing fleet of multi-purpose vessels entered technical ship management of container vessels earlier this year.

Shipping plays key role in achieving global climate targets. By Søren Pico. ShippingWatch. 21 March 2018. Available from: https://shippingwatch.com/secure/Services/article10433762.ece The shipping sector must supply far more energy-efficient vessels in the future for there to be any hope at all of achieving the global climate targets, concludes DNV GL's report Energy Transition Outlook.


EU governments' support for 70-100% shipping emissions cut welcomed. *Transport & Environment*. 26 March 2018. Available from: [https://www.transportenvironment.org/press/eu-governments%E2%80%99-support-70-100-shipping-emissions-cut-welcomed](https://www.transportenvironment.org/press/eu-governments%E2%80%99-support-70-100-shipping-emissions-cut-welcomed)  EU member states’ decision to support a 70-100% reduction in maritime greenhouse gas emissions worldwide by 2050, compared to 2008 levels, has been welcomed by sustainable transport group Transport & Environment (T&E).


China’s belt road initiative and the demise of the 20,000 teu boxship. By Andre Wheeler. *Splash 247.com*. 27 March 2018. Available from: [http://splash247.com/chinas-belt-road-initiative-demise-20000-teu-boxship/](http://splash247.com/chinas-belt-road-initiative-demise-20000-teu-boxship/)  Having been on a speaking trip in China to discuss the China Belt Road Initiative (BRI), it still amazes me that there are senior maritime executives that argue shipping will return to 'normal' and is currently going through 'just another shipping cycle'.

OECD: How shipping can be CO2 neutral by 2035. By Katrine Grønvald Raun. *ShippingWatch*. 27 March 2018. Available from: [https://shippingwatch.com/secure/carriers/article10462744.ece](https://shippingwatch.com/secure/carriers/article10462744.ece)  When the calendar says 2035, the global shipping industry may have taken a major step in reducing CO2 emissions.


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Increasing Mobility of High Arctic Sea Ice Increases Marine Hazards Off the East Coast of Newfoundland. Barber DG, Babb, DG et al. Geophysical Research Letters. (2018). Available from: https://doi.org/10.1002/2017GL076587 Heavy ice conditions along Canada's east coast during spring 2017 presented hazardous conditions for the maritime industry and required the Canadian Coast Guard to pull its research icebreaker, CCGS Amundsen, off its scientific cruise to provide ice escort services and conduct search and rescue operations along Newfoundland's northeast coast.

International law and policy considerations for shipping’s contribution to climate change mitigation. Aldo Chircop, Meinhard Doelle et al. SSRN. (2018). Available from: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3113274 This report investigates the international law and policy challenges to the determination of the international shipping industry's contribution to climate change mitigation efforts through the International Maritime Organization (IMO), a specialized agency of the United Nations and the competent intergovernmental organization with respect to shipping in international law.

Evidence that the Great Pacific Garbage Patch is rapidly accumulating plastic. Lebreton L, Slat, B et al. Scientific Reports. (2018). Available from: https://doi.org/10.1038/s41598-018-22939-w Ocean plastic can persist in sea surface waters, eventually accumulating in remote areas of the world's oceans.


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About the cover

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