About the MKC Current Awareness Bulletin (CAB)

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

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

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

The 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

Day of the Seafarer campaign (25th June): #SupportSeafarersWellbeing

Seafarers are the unsung heroes of shipping, the industry on which everyone, everywhere relies for the goods and commodities we all need and want. But it’s a tough and demanding job which sometimes can put pressure on mental health.

This is why, this year, in 2018, IMO is joining the growing momentum within shipping to address the important issue of seafarers’ wellbeing. Full Story Day of the Seafarer 2018

Poland’s World Maritime Day Parallel Event

How to create better shipping for a better future was a theme running throughout the 2018 IMO World Maritime Day Parallel Event (13-15 June), held in Szczecin, Poland. Full Story

Special event on ports and Symposium on port security operations

Global trade by sea is dependent on the interconnection between ships, ports and people - and everyone needs to be involved, from port operators, to regulators, to maritime security experts and innovators in technology. The theme of mutual cooperation and collaboration was highlighted throughout a special event on ports, held at IMO Headquarters (11 June). The Event was supported by IMO Secretary-General Kitack Lim, in collaboration with the International Association of Ports and Harbors. (IAPH). Full Story (includes presentations and audio files of the debate)

IMO MEETINGS FOR 2018

Technical Cooperation Committee, 68th session, 18 - 20 June 2018
Facilitation Committee (FAL), 42nd session 5 - 8 June 2018

LATEST PRESS BRIEFINGS

MEPSEAS project launched to protect South-East Asia marine environment
Briefing: 11, June 26, 2018

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

International Harbour Masters’ Association (IHMA) Congress 2018
London, 25 - 28 June 2018

6th Analyst & Investor Capital Link Shipping Forum (part of Posidonia 2018 seminars)
Piraeus, 4 June 2018

Posidonia 2018 - Opening Address, 4 June 2018

IMO NEWS MAGAZINE (Spring 2018)

IMO PUBLISHING Just Published: 2018 June 2018 Newsletter
UNITED NATIONS

Countries back ‘ambitious and comprehensive’ reform of UN development system. UN News. 31 May 2018. Available from: https://news.un.org/en/story/2018/05/1011111 The UN Secretary-General said the reform package paved the way for a new era of "national ownership" of development, supported by the whole UN system, in a tailored fashion, allowing countries to pursue sustainable economic and social development.


The world is being 'swamped' by harmful plastic waste says UN chief, marking Environment Day. UN News. 4 June 2018. Available from: https://news.un.org/en/story/2018/06/1011351 In his message marking the day on 5 June, he said a healthy planet was essential for a prosperous and peaceful future, spelling out that: "We all have a role to play in protecting our only home."


UN Global Compact launches new action platform for Sustainable Ocean Business and development. UN Global Compact. 8 June 2018. Available from: https://www.unglobalcompact.org/news/4387-06-08-2018 Friday, on World Oceans Day, the United Nations Global Compact launched the newly formed Sustainable Ocean Business Action Platform - a three-year global programme bringing together business, civil society, the UN and Governments to advance the ocean economy and sustainable development.

As Security Council imposes sanctions on six human traffickers in Libya, UN chief calls for more accountability. UN News. 8 June 2018. Available from: https://news.un.org/en/story/2018/06/1011751 Those now subject to asset freezes, and a travel ban, under Council sanctions resolutions and measures relating to Libya, include the head of a regional coast guard unit in Libya, according to reports, as well as two Eritrean nationals.

At least 2.5 million migrants were smuggled in 2016, first UN global study shows. United Nations Office on Drugs and Crime (UNODC). 13 June 2018. Available from: https://bit.ly/2u8Yv7J Migrant smuggling occurred in all parts of the world, generated an income of up to $7 billion - equivalent to the amount the United States or the European Union spent on humanitarian aid that year - according to the UN agency that fights drugs and crime.

UNHCR warns against repeat of Aquarius disembarkation standoff as boat arrives in Spain. United Nations High Commissioner for Refugees. 17 June 2018. Available from: https://bit.ly/2NpVsAR UNHCR, the UN Refugee Agency, applauds Spain for its actions today in bringing to an end a sea-rescue crisis on the Mediterranean after a ship, the Aquarius, was refused permission to land and disembark elsewhere more than 600 rescued people.

IOM, UNHCR appeal for region-wide action by EU countries over Mediterranean tragedies. United Nations High Commissioner for Refugees. 27 June 2018. Available from: http://www.unhcr.org/uk/news/press/2018/6/5b33d8f64 Concerned with the ongoing human tragedy in which almost 1,000 refugees and migrants have perished while being smuggled across the Mediterranean this year, UNHCR, and IOM, the UN Migration Agency, are today appealing to European Union countries for concerted, region-wide action to greatly reduce neededless loss of life.


What’s wrong with this system? By Nidaa Bakhsh.  *Lloyd’s List*. 31 May 2018. Available from: [https://lloydslist.maritimeintelligence.informa.com/LL1122820/Whats-wrong-with-this-system](https://lloydslist.maritimeintelligence.informa.com/LL1122820/Whats-wrong-with-this-system) Investigation reports into shipping accidents can take an awfully long time for a variety of legitimate reasons such as the availability of witnesses, the difficulty of root cause determination, and the fear of being used in criminal or civil prosecution, among others.


Cargo vessel suffers explosion, fire off Kolkata.  *World Maritime News*. 14 June 2018. Available from: [https://worldmaritimenews.com/archives/254910](https://worldmaritimenews.com/archives/254910) There were no reports of an oil spill in the area, according to the Indian Coast Guard, however, relevant parties are on stand-by in case an oil slick is spotted.
‘Political monster’ casualties more expensive because of unlimited liability. By David Osler. Lloyd's List. 14 June 2018. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1123023/Political-monster-casualties-more-expensive-because-of-unlimited-liability. Political interference can make casualties covered by P&I clubs ready to take on unlimited liability more expensive than would have been the case had they been insured commercially, an industry audience has been told.

8 crew evacuated from sinking Turkish freighter off Croatia. World Maritime News. 17 June 2018. Available from: https://worldmaritimenews.com/archives/254981. The distress call was sent early Sunday morning at around 04.00 a.m. after the ship started taking on water, which flooded the ship’s engine room.


Damaged Turkish cargo ship on its way to Croatian shipyard. Hellenic Shipping News. 19 June 2018. Available from: https://www.hellenicshippingnews.com/damaged-turkish-cargo-ship-on-its-way-to-croatian-shipyard/. The Turkish cargo ship that suffered damage near Jabuka island off southern Croatia on Sunday morning will be dragged to the Trogir shipyard during the night, Split maritime police commissioner Joso Vujic told the media.


Grounded tanker breaks up off Kaohsiung. Maritime Executive. 19 June 2018. Available from: https://www.maritime-executive.com/article/grounded-tanker-breaks-up-off-kaohsiung#. The product tanker Shine Luck, which grounded off Kaohsiung, Taiwan during a storm last week, has broken up.

Singapore waters see significant drop in ‘major incidents’ over last 10 years. By Marcus Hand. Seatrade Maritime News. 20 June 2018. Available from: http://www.seatrade-maritime.com/news/asia/singapore-waters-see-significant-drop-in-major-incidents-over-last-10-years.html. Speaking at the opening of the International Safety@Sea Conference, Lam Pin Min, Singapore Senior Minister of State for Transport said that safety of sea was a critical area of focus for the country with 830,000 vessel movements last year.


MAIB investigation report 11-2018: *Ruyter*. 


**Why are ferry accidents common in Indonesia?** *Deutsche Welle (Germany)*. 26 June 2018. Available from: [https://www.dw.com/en/why-are-ferry-accidents-common-in-indonesia/a-44403800](https://www.dw.com/en/why-are-ferry-accidents-common-in-indonesia/a-44403800) With some 17,000 islands in the vast archipelago, Indonesia is a country that relies heavily on water transportation.


ENVIRONMENT

Stanford scientists develop tool to improve fishing efficiency and sustainability.
Worldwide, fishing fleets discard as many as two of every five sea creatures they catch.

Of the U.N.’s 17 goals to make the world a better place by 2030, one goal gets much less respect than the others.

Do leaders, citizens and donors agree on the most important development challenges that need to be solved in the countries where they work?

Earlier this week, the European Commission put forward a proposal to ban almost all single-use plastics.

Many things we didn't know turned out to hurt us.

Orcas are charismatic, playful and well-publicized, and they might be British Columbia’s best-known animals.

This Friday marks World Oceans Day, an opportunity to celebrate the essential bodies of water that cover two-thirds of this place we call home.

8 June, 2018 World Oceans Day has been celebrated each year since 1992.

Once thought devoid of life, scientists now estimate that the high seas could be home to millions of undiscovered species.

Earlier this year, a study was published suggesting that humpback whales are making a comeback.


Climate change has fish moving faster than regulations can keep up. By Katherine Came. University of British Columbia (Canada). 14 June 2018. Available from: https://news.ubc.ca/2018/06/14/climate-change-has-fish-moving-faster-than-regulations-can-keep-up/ The world’s system for allocating fish stocks is being outpaced by the movement of fish species in response to climate change, according to a study undertaken by an international team of marine ecologists, fisheries and social scientists, and lawyers.


Project Forward receives 'Most Sustainable Project' award at Maritime2020 Summit in Copenhagen. Hellenic Shipping News. 20 June 2018. Available from: https://www.hellenicshippingnews.com/project-forward-receives-most-sustainable-project-award-at-maritime2020-summit-in-copenhagen/ Project Forward received the Maritime2020 Summit Award for The Most Sustainable Project, "awarded for a project that stood out for its environmentally conscious techniques and processes that ensure sustainability in the maritime industry."


Shipping and airline travel must be eliminated in their current forms to stop climate change, scientists warn. By Josh Gabbatiss. The Independent. 28 June 2018. Available from: https://ind.pn/2MvLJb4 Airline travel and long-haul shipping are among the "tough-nut" sectors that will require a radical rethink if humanity is to stand any chance of avoiding climate catastrophe.
ENVIROMENTAL POLLUTION

Shipping container debris washes ashore at Nelson Bay prompting local clean up.


World Oceans Day: Noise in Indian seas will double every 10 years, affect marine life.
By Badri Chatterjee. *Hindustan Times (India)*. 8 June 2018. Available from: https://www.hindustantimes.com/mumbai-news/world-oceans-day-noise-in-indian-seas-will-double-every-10-years-affect-marine-life/story-VdqL8yhxYziGoz4M1fZMpN.html. Ship movement in the Arabian Sea, Bay of Bengal and Indian Ocean will cause noise levels to double every 10 years, affecting marine life, according to a study by Maritime Research Centre (MRC), Pune, under the Indian Maritime Foundation that was released a day before the World Oceans Day (June 8).


How tankers are working to minimise plastics at sea. *Global Cause*. May 2018. Available from: http://www.globalcause.co.uk/plastic/how-tankers-are-working-to-minimise-plastics-at-sea. Thirty years ago, the International Maritime Organization (IMO) introduced a total prohibition on the disposal of plastics into the seas through its MARPOL Convention.

President of Seychelles shocks G7 meeting with photos of ocean trash.
By Betymie Bonnelame. *Seychelles News Agency*. 11 June 2018. Available from: http://www.seychellesnewsagency.com/articles/9274/President+of+Seychelles+shocks+G+meeting+with+photos+of+ocean+trash. The President of Seychelles, Danny Faure, shocked the leaders of the Group of Seven (G7) nations with photographs of the damage being done to the island nation's Aldabra atoll by plastic pollution and other types of litter coming from the rest of the world.

Finnish president demands Arctic Summit to stop dangerous black carbon emissions.
Study reveals underwater noise is reduced when ships slow down, offering new science that could protect at-risk whales. Port of Vancouver. 13 June 2018. Available from: https://www.portvancouver.com/news-and-media/news/ study-reveals-underwater-noise-is-reduced-when-ships-slow-down-offering-new-science-that-could-protect-at-risk-whales/ Results released today by the Vancouver Fraser Port Authority-led Enhancing Cetacean Habitat and Observation (ECHO) Program's Vessel Slowdown Trial show that when vessels slow down, underwater noise that may interfere with the ability of whales to feed is reduced. ECHO Program: Voluntary Vessel Slowdown Trial


London ferries produce same pollution as hundreds of buses and trucks - but are not policed by tough new emission regulations. By Josh Gabbatiss. The Independent. 25 June 2018. Available from: https://www.independent.co.uk/environment/air-pollution-river-thames-boats-transport-shipping-ferries-nitrogen-dioxide-sadiq-khan-a8411561.html Ferries used by commuters and tourists in the centre of London are spewing out pollution equivalent to hundreds of buses and trucks every day.

New research in biofilms: Fighting nature with nature. By Kira Coley. MarineLink. 29 June 2018. Available from: https://www.marinelink.com/news/new-research-biofilms-fighting-nature-439089 Anti-fouling coatings have the potential to reduce millions of tonnes of greenhouse emissions each year, but the industry is yet to find an effective method that is also environmentally friendly.

HEALTH & SAFETY

Sailors' Society launches Wellness at Sea e-learning. Sailors’ Society. 21 June 2018. Available from: https://www.sailors-society.org/about-us/press-room/e-learning/ The e-learning platform opens up the globally renowned course, which until now was only available in a classroom setting, to thousands more seafarers for just $3(US) per user.


Ebola outbreak in Democratic Republic Congo is 'largely contained'. WHO. UN News. 26 June 2018. Available from: https://news.un.org/en/story/2018/06/1013122 A total of 55 cases of Ebola have been recorded during the current outbreak of the often-deadly viral infection and 28 people have died, according to the World Health Organization (WHO).


'The next 30 years will see more change than in the past 100 years': IMO secretary-general. By Sam Chambers. Splash 247.Com. 4 June 2018. Available from: https://splash247.com/next-30-years-will-see-change-past-100-years-imo-secretary-general/ Kitack Lim, secretary general of the International Maritime Organization (IMO), made his pitch today to keep the UN body at the centre of global shipping regulations.

Verifavia shipping first independent verifier authorised by the Panama Maritime Authority for IMO DCS verification services. Verifavia Shipping. 6 June 2018. Available from: https://bit.ly/2kSz4mF Verifavia, the world’s leading emissions verification company for the transport sector (aviation and shipping), announced today during Posidonia 2018, that it has become the first independent verifier authorised by the Panama Maritime Authority to conduct the IMO’s Data Collection System (DCS) verification services for vessels registered in Panama.


IMO reform push recruits leading flag states. By Anastassios Adamopoulos. Lloyd’s List. 15 June 2018. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1123039/IMO-reform-push-recruits-leading-flag-states Australia’s push for reform of the IMO has been boosted by the support of Liberia and the Bahamas, which are the world’s third and seventh-largest flag states respectively.

IMO member states must progress on key sulphur cap issues at critical meeting in July. International Chamber of Shipping (ICS). 18 June 2018. Available from: http://www.ics-shipping.org/news/press-releases/2018/06/18/imo-member-states-must-progress-on-key-sulphur-cap-issues-at-critical-meeting-in-july The shipping industry - as represented by its international trade associations (BIMCO, ICS, INTERCARGO, INTERTANKO and WSC) - calls on the Member States of the International Maritime Organization (IMO) to make progress on key challenges around the global sulphur cap to avoid compromising safety or unfairly penalising individual ships.


LAW & POLICY


Indonesia targets illegal fishing vessel owners under new bill. By Basten Gokkon. Mongabay. 31 May 2018. Available from: https://news.mongabay.com/2018/05/indonesia-targets-illegal-fishing-vessel-owners-under-new-bill/ The owners of ships engaged in illegal fishing in Indonesia could finally face criminal justice under proposed amendments to the country's fisheries law, as the government seeks to foster a sustainable industry in one of the world's richest fisheries.


Sweden will fine sulfur violators upwards of SEK 1 million. By Louise Vogdrup-Schmidt. ShippingWatch. 5 June 2018. Available from: https://shippingwatch.com/secure/carriers/article10661001.ece Violating the sulfur directive in Swedish waters can now cost upwards of SEK 1 million (USD 114,260), depending on engine size and sulfur content in fuel.

Patenting marine genetic resources: Who owns ocean biodiversity? Science Daily. 6 June 2018. Available from: https://www.sciencedaily.com/releases/2018/06/180606143739.htm Marine organisms have evolved to thrive in various ocean environments, resulting in unique adaptations that make them the object of commercial interest.


Regulations are being finalised to ban disposal of plastic at sea, says Minister Koonjoo. Government of Mauritius. 8 June 2018. Available from: http://www.govmu.org/English/News/Pages/Regulations-are-being-finalised-to-ban-disposal-of-plastic-at-sea,-says-Minister-Koonjoo.aspx The Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping is finalising the Regulations which will be promulgated to give legal force to Annex V of the International Convention for the Prevention of Pollution from Ships (MARPOL) which was signed by Mauritius in 1995.


Ocean science and policy. Nature Sustainability. 14 June 2018. Available from: https://doi.org/10.1038/s41893-018-0091-3 Societal commitment to protect our seas has never been higher, but it will not succeed unless coordination across the various regulatory bodies involved is achieved.
Fisheries Minister says local fishermen must take advantage of deep-sea resources. 
By Garwin Davis. *Jamaica Information Service*. 14 June 2018. Available from: 
resources/ Minister of Industry, Commerce, Agriculture and Fisheries, Hon. Audley Shaw, says local 
fishermen should focus less on nearshore practices and instead take advantage of opportunities 
offered out in the deep ocean.

Media reports on draft IPCC Special Report on Global Warming of 1.5 ºC. 
*Intergovernmental Panel on Climate Change (IPCC)*. 14 June 2018. Available from: 
http://ipcc.ch/news_and_events/st_sr15_fgd.shtml The IPCC notes that news articles have 
appeared citing the final draft of the Special Report on Global Warming of 1.5 ºC.

emissions/news-story/ecd311c9f84ad6cd0c230e25e3d8415e Australia’s ports are taking steps to 
encourage shipping to cut greenhouse gas (GHG) emissions, which will have to be halved by 2050 if 
they are to meet new global targets.

Sustainability and corporate social responsibility. By Craig Jallal. *Tanker Shipping & Trade*. 
corporate-social-responsibility_52152.htm Corporate Social Responsibility (CRS) is the term used 
to describe policies that ensure companies conduct their business in a way that is ethical.

OW court decision could create difference between foreign and Danish shipowners. 
https://shippingwatch.com/secure/Services/article10694115.ece Three foreign shipping companies 
won a case related to price agreements that could create a unique difference going forward.

EU countries off target in fighting climate change. *Climate Action Network Europe*. 
ambition and progress in fighting climate change’, assesses both the role that Member States play 
in setting ambitious climate and energy targets and policies, and what progress they are making in 
reducing carbon emissions and promoting renewable energy and energy efficiency at home. 
Off target: Ranking of EU countries’ ambition and progress in fighting climate change 5.

Executive Order Regarding the Ocean Policy to Advance the Economic, Security, and 
https://www.whitehouse.gov/presidential-actions/executive-order-regarding-ocean-policy-advance-
economic-security-environmental-interests-united-states/ The ocean, coastal, and Great Lakes 
waters of the United States are foundational to the economy, security, global competitiveness, and 
well-being of the United States.

Kenya) maritime delimitation case at the Hague as directed by the court on February 2.

analysis/articles/2018/06/19/southern-ocean-conservation-body-must-lean-on-science-expert-says 
The Southern Ocean is one of the last wildernesses on the planet, with abundant marine life that 
thrives in icy waters and includes species found nowhere else.

They are tiny nation states, which largely depend upon the assistance of their large and prosperous neighbours to help them out with the necessaries of modern life.

Trump drowns ocean protections during National Ocean Month. By Chris D'Angelo. 
*Huffington Post UK*. 20 June 2018. Available from: [https://www.huffingtonpost.co.uk/entry/trump-ocean-executive-order-national-ocean-month_us_5b2a8ddbe4b0f0b9e9a7e186](https://www.huffingtonpost.co.uk/entry/trump-ocean-executive-order-national-ocean-month_us_5b2a8ddbe4b0f0b9e9a7e186)
The president revoked an Obama-era order aimed at protecting and restoring ocean and coastal health.


Ukraine - Fines for Dirty Ballast Water - Further Update. *West of England P&I Club*. 20 June 2018. Available from: [https://www.westpandi.com/Publications/News/ukraine---fines-for-dirty-ballast-water---further-update/](https://www.westpandi.com/Publications/News/ukraine---fines-for-dirty-ballast-water---further-update/) The Club has published a number of articles previously on the situation in the Ukraine regarding access to vessels for ecological inspectors to check certification and take samples of segregated ballast water for analysis, and the imposition of fines where it is alleged that contaminated ballast water has been discharged.

'It's 2018 and deemed acceptable to treat human beings like cargo'. By Sorcha Pollak. 


Paris meeting offers opportunity for leadership on high-seas agreement. By Liz Karan. 
*EurActiv*. 21 June 2018. Available from: [https://www.euractiv.com/section/energy-environment/opinion/paris-meeting-offers-opportunity-for-leadership-on-high-seas-agreement/](https://www.euractiv.com/section/energy-environment/opinion/paris-meeting-offers-opportunity-for-leadership-on-high-seas-agreement/) Today (21 June) in Paris, government officials from France, Monaco, Spain, and the European Union will join civil society representatives to take another step toward a critical goal—developing an international treaty to protect the high seas.


Indonesia names captain, three officials as suspects in deadly ferry disaster. Reuters. 26 June 2018. Available from: https://www.reuters.com/article/us-indonesia-ferry/indonesia-names-captain-three-officials-as-suspects-in-deadly-ferry-disaster-idUSKBN1JM0FF Indonesian police have named four people as suspects in a criminal probe into the sinking of an overloaded ferry on a volcanic lake in which it is believed some 200 people died.


Leaked final government draft of UN 1.5C climate report - annotated. By Karl Mathiesen, Megan Darby, and Soila Apparicio. Climate Home News. 27 June 2018. Available from: http://www.climatechangenews.com/2018/06/27/new-leaked-draft-of-un-1-5c-climate-report-in-full-and-annotated/ The 2015 Paris climate deal outlined two distinct goals: Holding the increase in the global average temperature to well below 2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels, recognising that this would significantly reduce the risks and impacts of climate change.

Maritime Technology

**Fit scrubbers and ballast water management systems now or later? By Craig Jallal.**

Only 7.1% of the global fleet has been fitted with ballast water management systems, and only 300 vessels or 0.3% of the global fleet are known to be fitted with SOx scrubbers.


These guidelines incorporate basic elements on concept design safety for automated ship operation systems.


The CMA CGM Group, a leading worldwide shipping Group, is pleased to announce its collaboration, since the beginning of the year, with Shone, a San Francisco-based startup that is specializing in the use of artificial intelligence for maritime transportation.


Airbus and Wilhelmsen Ships Service have entered into a strategic collaboration to drive the development of an end-to-end service for safe deliveries of parcels with an unmanned aircraft system (UAS), in the maritime industry.


Mitsubishi Heavy Industries, Ltd (MHI) Monday says it has partnered with China COSCO Shipping for a demonstration test of its rectangular scrubber.

**Shipyard aims to print components within one year.** By Niklas Krigslund. **ShippingWatch.** 7 June 2018. Available from: [https://shippingwatch.com/secure/carriers/article10654069.ece](https://shippingwatch.com/secure/carriers/article10654069.ece)

A US shipbuilder aims to print finished parts for ships within the upcoming year by using a 3D printing technology with the potential to change the ship building industry.


All vessels, regardless of whether they are autonomous or not, should comply with the COLREGs, said Captain Ghulam Hussain FNI, head of The Nautical Institute’s delegation to the IMO as the debate into MASS started in earnest at the IMO.


With a myriad of emergent new technologies on the horizon of the maritime industry, such as autonomous vessels, it is vital that regulations are established to ensure the safety, security and efficiency of a new generation of ships.


**MARITIME EDUCATION & TRAINING**


**MARITIME SAFETY**


Can a lithium-ion battery fire be put out on a vessel? By John De Roche. *Government Europa.* 13 June 2018. Available from: [https://www.governmenteuropa.eu/lithium-ion-battery-fire-vessel/88384/](https://www.governmenteuropa.eu/lithium-ion-battery-fire-vessel/88384/) Of all the threats that universally scare ship captains the most, sinking is probably at the top of the list.


New initiatives to enhance safety at sea in Singapore. *Maritime and Port Authority of Singapore* 20 June 2018. Available from: [https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/131c9f9b-46a5-44c2-b219-315e41bf7763](https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/131c9f9b-46a5-44c2-b219-315e41bf7763) The Maritime and Port Authority of Singapore (MPA) will be embarking on several new initiatives as part of continued efforts to enhance safety at sea, especially in the Port of Singapore.

Crack discovered on 'SSL Kolkata' container ship. *Safety4Sea*. 26 June 2018. Available from: [https://safety4sea.com/crack-discovered-on-ssl-kolkata-container-ship/](https://safety4sea.com/crack-discovered-on-ssl-kolkata-container-ship/) This discovery changed the plans of the team as they decided to empty the ship of the containers and the fuel before towing it to a port, local media inform.

**MARITIME SECURITY**


Ship hack ‘risks chaos in English Channel’. By Leo Kelion. BBC News. 7 June 2018. Available from: https://www.bbc.co.uk/news/amp/technology-44397872 Ken Munro has suggested that the vulnerability could be exploited to block the English Channel.

Hacking, tracking, stealing and sinking ships. By Ken Munro. Pen Test Partners LLP. 4 June 2018. Available from: https://www.pentestpartners.com/security-blog/hacking-tracking-stealing-and-sinking-ships/ At Infosecurity Europe this year, we demonstrated multiple methods to interrupt the shipping industry, several of which haven’t been demonstrated in public before, to our knowledge.


Why 50,000 ships are so vulnerable to cyberattacks. By Keith Martin and Rory Hopcraft. The Conversation. 13 June 2018. Available from: https://theconversation.com/why-50-000-ships-are-so-vulnerable-to-cyberattacks-98041 The 50,000 ships sailing the sea at any one time have joined an ever-expanding list of objects that can be hacked.


**MIGRANTS**


At least 48 migrants dead after boat sinks off Tunisian coast. By Tarek Amara. *Reuters*. 3 June 2018. Available from: [https://www.reuters.com/article/us-europe-migrants-tunisia/at-least-46-migrants-dead-after-boat-sinks-off-tunisian-coast-idUSKCN1IZ0F7](https://www.reuters.com/article/us-europe-migrants-tunisia/at-least-46-migrants-dead-after-boat-sinks-off-tunisian-coast-idUSKCN1IZ0F7) At least 48 migrants were killed when their boat sank off Tunisia’s coast and 67 others were rescued by the coast guard, officials said on Sunday, one of the worst migrant boat accidents in recent years.


Mediterranean migrant arrivals reach 33,400 in 2018; Deaths reach 785. *International Organization for Migration (IOM)*. 8 June 2018. Available from: [https://www.iom.int/news/mediterranean-migrant-arrivals-reach-33400-2018-deaths-reach-785](https://www.iom.int/news/mediterranean-migrant-arrivals-reach-33400-2018-deaths-reach-785) IOM reports that 33,400 migrants and refugees entered Europe by sea as of 6 June 2018. So far this month, 1,190 arrivals to Italy, Greece and Spain have been recorded, the majority of which arrived in Spain (47% of total European arrivals).


Spain to accept disputed migrant ship *Aquarius*. By Guy Hedgecoe and Kevin Connolly. *BBC News*. 12 June 2018. Available from: [https://www.bbc.co.uk/news/world/europe-44441386](https://www.bbc.co.uk/news/world/europe-44441386) Pedro Sánchez said he would give "safe harbour" to the *Aquarius* and the 629 people on board, after Italy and Malta both refused to let the ship dock.

IOM Director General welcomes Spain's offer of safe harbour for migrants aboard *Aquarius*. *International Organization for Migration (IOM)*. 12 June 2018. Available from: [https://www.iom.int/news/iom-director-general-welcomes-spains-offer-safe-harbour-migrants-aboard-aquarius](https://www.iom.int/news/iom-director-general-welcomes-spains-offer-safe-harbour-migrants-aboard-aquarius) IOM has welcomed the decision by Spain to offer a safe harbour to over six hundred migrants – including scores of children and seven pregnant women – who have been waiting aboard a rescue vessel since Sunday (10/06).

*Aquarius* instructed to sail to Spain to reach a port of safety: 629 people rescued in the Mediterranean to be disembarked in Valencia. *SOS Mediterranee*. 12 June 2018. Available from: [https://sosmediterranee.com/aquarius-instructed-to-sail-to-spain-to-reach-a-port-of-safety-629-people-rescued-in-the-mediterranean-to-be-disembarked-in-valencia/](https://sosmediterranee.com/aquarius-instructed-to-sail-to-spain-to-reach-a-port-of-safety-629-people-rescued-in-the-mediterranean-to-be-disembarked-in-valencia/) Following the exchanges with Italian and Spanish maritime authorities during the night of Monday to Tuesday 12 June and after more than 36 hours of standby in the international waters 27 nautical miles away from Malta and 35 nautical miles from Sicily, the *Aquarius* received the official instruction to set sail for the port of Valencia in Spain, indicated as "port of safety" by the competent maritime authorities for the landing of 629 men, women and children rescued at sea off Libya on Saturday 9 June 2018.


Italy demands Netherlands recall NGO migrant rescue ships. By Philip Pullella. *Reuters*. 16 June 2018. Available from: [https://uk.reuters.com/article/uk-europe-migrants-italy/italy-demands-netherlands-recall-ngo-migrant-rescue-ships-idUKKBN1JC0H0](https://uk.reuters.com/article/uk-europe-migrants-italy/italy-demands-netherlands-recall-ngo-migrant-rescue-ships-idUKKBN1JC0H0)  Italy on Saturday demanded that the Netherlands recall two Dutch-flagged migrant rescue ships after one of the non-governmental organisations that operate them called Rome's interior minister a fascist.


Migrants on Maersk vessel disembarked safely on Sicily. By Ritzau Finans. ShippingWatch. 26 June 2018. Available from: https://shippingwatch.com/secure/carriers/article10713833.ece. Danish container ship Alexander Mærsk has, on the night between Monday and Tuesday, returned more than 100 migrants to land in Pozzallo on Sicily, informs Maersk Group Tuesday morning CET.

EU migrants: Malta allows migrant ship to dock after EU deal. BBC News. 26 June 2018. Available from: https://www.bbc.co.uk/news/world/europe-44613344. Malta's PM said the Lifeline would arrive on Wednesday, after his country and seven other EU states agreed to take a share of those on board.


Libyan coastguard says 100 migrants may have drowned near Tripoli. By Ahmed Elumami. Reuters. 29 June 2018. Available from: https://www.reuters.com/article/us-europe-migrants-libya/libyan-coastguard-says-100-migrants-may-have-drowned-near-tripoli-idUSKBN1JP1AI. Around 100 people are thought to have drowned from a migrant boat off Libya's western coast, a coastguard official said on Friday.

Funded by the European GNSS Agency (GSA) under Horizon 2020, the H2H system will combine sensor information with 3D models to create digital models of vessels and other objects of interest.


S. Korea to promote int’l efforts to set up worldwide e-Navigation system. Yonhap News Agency (South Korea). 3 June 2018. Available from: http://english.yonhapnews.co.kr/news/2018/06/03/0200000000AEN20180603004500320.html South Korea plans to actively promote efforts by the international community to set up a viable worldwide e-Navigation system that could greatly improve efficiency and safety in the shipping industry, the government said Sunday.

Under the sea, Microsoft tests a datacenter that's quick to deploy, could provide internet connectivity for years. By John Roach. Microsoft. 5 June 2018. Available from: https://news.microsoft.com/features/under-the-sea-microsoft-tests-a-datacenter-thats-quick-to-deploy-could-provide-internet-connectivity-for-years/ Microsoft is leveraging technology from submarines and working with pioneers in marine energy for the second phase of its moonshot to develop self-sufficient underwater datacenters that can deliver lightning-quick cloud services to coastal cities.

Inmarsat Research Programme offers unique maritime IoT insights. Inmarsat. 6 June 2018. Available from: https://www.inmarsat.com/press-release/inmarsat-research-programme-offers-unique-maritime-iot-insights/ Original research commissioned by Inmarsat suggests that the maritime industry is more amenable to adopting analytic, management and operational tools applied through the Internet of Things (IoT) than many commentators have supposed.


Satellites track vanishing Antarctic ice. *Scripps Institution of Oceanography.* 13 June 2018. Available from: [https://scripps.ucsd.edu/news/satellites-track-vanishing-antarctic-ice](https://scripps.ucsd.edu/news/satellites-track-vanishing-antarctic-ice) Scientists from the University of Leeds, the University of California San Diego, and University of Maryland reviewed decades of satellite measurements to reveal how and why Antarctica’s glaciers, ice shelves, and sea ice are changing.


**PIRACY**


PORT STATE CONTROL

Foreign flagged ships detained in the UK during May 2018. UK Maritime & Coastguard Agency. 8 June 2018. Available from: https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-may-2018 During May, there were four new detentions of foreign flagged vessels in a UK port, three vessels remained under detention from previous months.


PORTS & HARBOURS


SealIntel: Mediterranean ports gaining on North Europe's ports. By Katrine Grønvald Raun. *ShippingWatch*. 11 June 2018. Available from: [https://shippingwatch.com/secure/Ports/article10676425.ece](https://shippingwatch.com/secure/Ports/article10676425.ece) Mediterranean ports such as Algeciras and Tangier in Morocco have noted a rise the number of deep-sea vessels that call in the ports, according to an analysis by SealIntel, which has analyzed the developments of the European and the difference between the ones in North Europe and those in the Mediterranean.


**Port community to cooperate for a stronger voice in IMO - IAPH President delivers his 'maiden speech'.** *International Association of Ports and Harbors (IAPH)*. 12 June 2018. Available from: [https://www.iaphworldports.org/news/4920](https://www.iaphworldports.org/news/4920) "The port community is represented in IMO through various organisations, including port authorities, cargo handling companies, harbour masters, maritime pilots, port community systems, ship agents and port police."


Standing up to bullies in ports. Hellenic Shipping News. 25 June 2018. Available from: https://www.hellenicshippingnews.com/standing-up-to-bullies-in-ports/ Recent headline-grabbing reports of investigations into allegations of workplace bullying in Australia’s Southern Ports Authority and England’s Port of Dover begs the questions, is the issue endemic and are such cultures engrained in the port sector?

Expanded Panama Canal commemorates two year anniversary. Panama Canal Authority. 26 June 2018. Available from: http://www.pancanal.com/eng/pr/press-releases/2018/06/26/pr653.html Today, the Panama Canal marked the two-year anniversary of the inauguration of its Canal Expansion, the largest enhancement project in the waterway’s 103-year history.


REGULATIONS


Vast majority fear introduction of the sulphur cap will be an ‘unholy mess’. By Sam Chambers. Splash 247.Com. 12 June 2018. Available from: https://splash247.com/vast-majority-fear-introduction-sulphur-cap-will-unholy-mess/ With less than 18 months to go until the start of IMO’s global sulphur cap an overwhelming 86% of Splash voters believe the new law will suffer a disastrous introduction.

Face-off over sulphur cap is turning ugly. By Richard Clayton. Lloyd’s List. 13 June 2018. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1122992/Faceoff-over-sulphur-cap-is-turning-ugly Edmund Hughes, the head of air pollution and energy efficiency at the International Maritime Organization’s Marine Environment Division, is in no mood for compromise.


Panagopulos: LNG as fuel perfect bridge until 2050. By Jasmina Ovcina Mandra. World Maritime News. 19 June 2018. Available from: https://worldmaritimeneews.com/archives/255097 2050 has been set as the deadline by which the international shipping community is required to halve its carbon footprint when compared to the 2008 levels of emissions, as prescribed by the International Maritime Organization (IMO).

Global sulphur cap is a revolution whose time has come. By Richard Clayton. Lloyd’s List. 21 June 2018. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1123111/Global-sulphur-cap-is-a-revolution-whose-time-has-come You wait ages for a revolution, then three come along at once.
Notice of policy implementing the 2016 Amendments to STCW in support of the Polar Code.  
*US Coast Guard Maritime Commons.*  22 June 2018.  Available from:  

**IBIA continues to promote sensible approach to sulphur testing and compliance verification at IMO.**  *By Unni Einemo.*  *International Bunker Industry Association (IBIA).*  25 June 2018.  Available from:  
[https://ibia.net/ibia-continues-to-promote-sensible-approach-to-sulphur-testing-and-
compliance-verification-at-imo/](https://ibia.net/ibia-continues-to-promote-sensible-approach-to-sulphur-testing-and-compliance-verification-at-imo/)  IBIA is continuing its efforts for IMO to adopt guidelines ahead of 2020 that will promote a uniform approach to fuel oil testing and reporting protocol for the verification of compliance with MARPOL Annex VI sulphur limits.

**EnSys and Navigistics still see major impacts and big risks from the IMO 2020 Sulphur Rule in Full Update to 2016 Study.**  *By Connor Ross.*  *EnSys Energy.*  25 June 2018.  Available from:  
[https://www.ensysenergy.com/posts/ensys-navigistics-still-see-major-impacts-big-risks-imo-2020-
sulphur-rule-full-update-2016-study/](https://www.ensysenergy.com/posts/ensys-navigistics-still-see-major-impacts-big-risks-imo-2020-sulphur-rule-full-update-2016-study/)  EnSays Energy and Navigistics Consulting just completed a full update of their Supplemental Marine Fuel Availability Study covering the IMO's 2020 marine fuel regulation limiting Sulphur content to 0.5% - unless subject to the 0.1% limit inside of special Emission Control Areas (ECAs).

**Piecemeal regulation hinders the adoption of green technologies.**  *By Conte Cicala and Mike Jacob.*  *Institute of Marine Engineering, Science and Technology (IMarEST).*  27 June 2018.  Available from:  
[https://www.imarest.org/policy-news/institute-news/item/4317](https://www.imarest.org/policy-news/institute-news/item/4317)  67% of respondents believe "differences in regional and international regulation will impede adoption" of green technologies.

**IMO 2020 poses 'big risks'.**  *By Michael Juliano.*  *TradeWinds.*  27 June 2018.  Available from:  

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**SEAFARERS**

**New ratings training expands maritime sector job opportunities for SA youth.**  *South African Maritime Safety Authority (SAMSA).*  2 June 2018.  Available from:  

**Human factor critical to the success of shipping - NIMASA DG …charges ILO to consider geopolitical peculiarities in reviewing Labour Convention.**  *By Isichei Osamgbi.*  *Nigerian Maritime Administration and Safety Agency (NIMASA).*  4 June 2018.  Available from:  
[https://bit.ly/2LbLpxS](https://bit.ly/2LbLpxS)  The Director General of NIMASA Dr. Dakuku Peterside has stressed the importance of human factors to successful shipping, stating that it is one of the most important elements in achieving competitive edge and safety in the maritime industry.

**Lloyd's Register invests in the future performance of today's seafarers.**  *Sailors' Society.*  4 June 2018.  Available from:  
[https://bit.ly/2N0TCoZ](https://bit.ly/2N0TCoZ)  Lloyd's Register (LR) has committed to make a donation to Sailors' Society for every new registration to use their digital table that they receive at their stand during this year's Posidonia.


Seafarers' Happiness Index: Q1 2018. *Mission to Seafarers*. June 2018. Available from: [https://www.missiontoseafarers.org/Handlers/Download.ashx?idMF=23e96ae5-8f59-47a9-90a3-04b1d13f99b9](https://www.missiontoseafarers.org/Handlers/Download.ashx?idMF=23e96ae5-8f59-47a9-90a3-04b1d13f99b9). This is an ongoing study measuring how happy people are about the various elements of their working life gives a picture of the real successes and problems within seafaring.


Sailors stranded off UAE coast rescued after more than a year at sea. By Nick Webster. *The National (United Arab Emirates)*. 6 June 2018. Available from: [https://www.thenational.ae/uae/sailors-stranded-off-uae-coast-rescued-after-more-than-a-year-at-sea-1.737388](https://www.thenational.ae/uae/sailors-stranded-off-uae-coast-rescued-after-more-than-a-year-at-sea-1.737388). A financial dispute that left sailors stranded on board a ship anchored off Sharjah has been resolved and the crew have been allowed to return home.


Singapore celebrates 'Day of Seafarer 2018' to thank seafarers. *Maritime and Port Authority of Singapore (MPA)*. 25 June 2018. Available from: [https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/1e156558-fb66-43e9-b094-3dac4cdd8164](https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/1e156558-fb66-43e9-b094-3dac4cdd8164) In conjunction with the 'Day of Seafarer 2018', Jurong Port (JP), the Maritime and Port Authority of Singapore (MPA), PSA, the Singapore Maritime Officers' Union (SMOU), and the Singapore Organisation of Seamen (SOS) will jointly present 600 gift hampers to ships calling at Singapore.


Seafaring as a profession. By Brenda V.Pimentel. *Manila Times*. 26 June 2018. Available from: [http://www.manilatimes.net/seafaring-as-a-profession/412605/](http://www.manilatimes.net/seafaring-as-a-profession/412605/) By the time this article sees print we would have celebrated the Day of the Seafarer meant to give tribute to all seafarers, regardless of nationality, gender and rank.


Protecting seafarers' welfare - the Mentoring Seafarers Project. Solent University (UK). 26 June 2018. Available from: https://www.youtube.com/watch?v=OiimlVV_yWw&feature=youtu.be. With seafarers' wellbeing one of the focuses of National Seafarers Week 2018, Solent researchers are looking at how mentoring schemes can ensure long-term benefits in education and wellbeing - improving retention and creating a safer, more efficient industry.

Nautilus spotlight on maritime careers transitions. Nautilus International. 27 June 2018. Available from: https://www.nautilusint.org/en/news-insight/news/nautilus-spotlight-on-maritime-careers-transitions/. To help members get the information they need to progress in their maritime careers, Nautilus has put together some case studies from seafarers who share insights on what was helpful to them in transitioning to different roles within the industry.


SEARCH & RESCUE

MISC crew rescues fisherman adrift for twenty days. Maritime Executive. 30 May 2018. Available from: https://maritime-executive.com/article/misc-crew-rescues-fisherman-adrift-for-twenty-days. A Filipino fisherman stranded in the middle of the North Pacific Ocean, more than 400 nautical miles from Philippines coast, was rescued on Saturday, May 26, 2018 thanks to the efforts of the crew of MISC's LNG vessel, Seri Begawan.


New age in emergency response arrives. By Adam Corbett. TradeWinds. 7 June 2018. Available from: http://www.tradewindsnews.com/casualties/1502941/new-age-in-emergency-response-arrives. There are likely to be two new providers of global maritime distress and safety systems (GMDSS) by 2020 as shipping's regulator attempts to bring the near 30-year-old system up to date with advanced satellite and communications technology.


**22 rescued from burning ship after 10-hour drama.** By Jayanta Gupta. *Times of India*. 15 June 2018. Available from: [https://timesofindia.indiatimes.com/city/kolkata/22-rescued-from-burning-ship-after-10-hour-drama/articleshow/64598971.cms](https://timesofindia.indiatimes.com/city/kolkata/22-rescued-from-burning-ship-after-10-hour-drama/articleshow/64598971.cms) MV SSL *Kolkata*, a cargo vessel carrying 464 containers from Krishnapatnam to Kolkata, caught fire shortly before midnight on Wednesday nearly 160km from Kolkata and 30km downstream from the anchorage at the Sandheads, forcing the 22-member crew to abandon the ship on Thursday morning.

**The Lloyds List podcast: Migrant crisis.** *Lloyd’s List*. 15 June 2018. Available from: [https://bit.ly/2Lbtlnv](https://bit.ly/2Lbtlnv) Following a diplomatic furore this week when Italy and Malta refused to take in a vessel full of migrants in the Mediterranean, International Chamber of Shipping secretary-general Peter Hinchliffe has called for joined up government in Europe to provide a policy, and a long term strategy, on migration by sea.


**Italy migrants: Who is responsible for helping out at sea?** *BBC News*. 17 June 2018. Available from: [https://www.bbc.co.uk/news/world-europe-44458441](https://www.bbc.co.uk/news/world-europe-44458441) Malta’s Prime Minister Joseph Muscat said Italy had broken international rules, and the plight of the Aquarius led to a diplomatic row between Italy and France.


**The Aquarius and its historic precedents: Rescue at sea and the politics of disembarkation.** By Katy Budge. *Huffington Post UK*. 22 June 2018. Available from: [https://www.huffingtonpost.co.uk/entry/the-aquarius-and-its-historic-precedents-rescue-at_uk_5b2a3bd1e4b061fc68707f94](https://www.huffingtonpost.co.uk/entry/the-aquarius-and-its-historic-precedents-rescue-at_uk_5b2a3bd1e4b061fc68707f94) Shortly after dawn on Sunday 17 June 2018, the 629 people rescued in the Mediterranean by *The Aquarius* were disembarked in the Spanish port of Valencia.

**Italy migrant row: ’Inhumane’ Malta refuses rescue ship.** *BBC News*. 22 June 2018. Available from: [https://www.bbc.co.uk/news/world-europe-44571150](https://www.bbc.co.uk/news/world-europe-44571150) Italian authorities said the *Lifeline* and *Seefuchs*, operated by the German migrant rescue group Mission Lifeline, were “illegally” flying the Dutch flag.


European shipowners call upon authorities to disembark the migrants on board the *Alexander Maersk* as soon as possible. *European Community Shipowners’ Associations (ECSA)*. 25 June 2018. Available from: [https://www.ecsa.eu/news/european-shipowners-call-upon-authorities-disembark-migrants-board-alexander-maersk-soon](https://www.ecsa.eu/news/european-shipowners-call-upon-authorities-disembark-migrants-board-alexander-maersk-soon) ECSA, the European Community shipowners’ associations, expressed on the 12th of June its concern about the problems the *Aquarius* vessel faced to disembark migrants in Malta and Italy and warned that also merchant vessels could be faced with this situation.


European government policies condemn people to be locked up in Libya or drown at sea. Médecins Sans Frontières (MSF). 29 June 2018. Available from: https://www.msf.org/european-government-policies-condemn-people-be-locked-libya-or-drown-sea. European governments must come to their senses and end policies which trap extremely vulnerable people in Libya or leave them to die at sea, said MSF as governments gather for the European Council Summit today.

SHIP RECYCLING

Photos: Shipbreaking on the beaches of Alang. gCaptain. 31 May 2018. Available from: http://gcaptain.com/photos-shipbreaking-in-alang-india/. Reuters’ photographer Amit Dave has published a series of photos taken just this week at a shipbreaking yard in Alang, India, where many of the world’s ships continue to be sent at the end of their operational lives.


Abandon ship: oil tanker scrappage to hit multi-year high as earnings sink. By Jessica Jaganathan. Reuters. 3 June 2018. Available from: https://reut.rs/2JnJ0Th. The shipping industry will this year scrap the largest number of oil tankers in over half-a-decade, driven by weak earnings, firm prices for scrap steel and the need to prepare fleets for strict new environmental regulations.


Shipping industry presses to undermine European Ship Recycling Regulation. NGO Shipbreaking Platform. 20 June 2018. Available from: http://www.shipbreakingplatform.org/platform-news-shipping-industry-pressts-to-undermine-european-ship-recycling-regulation/. On Monday, the EU member states' experts on ship recycling met in Brussels to discuss the latest developments, six months ahead of the application of the 2013 Ship Recycling Regulation.

European Shipowners encourage the European Commission to have sufficient recycling capacity on the EU approved ship recycling yards list. European Community Shipowners’ Associations (ECSA). 22 June 2018. Available from: https://bit.ly/2zxJQc3. All vessels sailing under an EU flag will eventually be required to use an approved ship recycling facility, once the EU Ship Recycling Regulation effectively applies.
**SHIPBUILDING & SHIPREPAIR**


**SHIPPING**


Historic growth in Danish shipping registries continues. Danish Maritime Authority. 1 June 2018. Available from: https://www.dma.dk/Presse/Nyheder/Sider/Historic-growth-in-Danish-shipping-registries-continues.aspx Even though Denmark is not the world's biggest ship registry, we are now in front when it comes to growth rate over the past year, which means that in just one month, the Danish International Shipping Register has grown from 20 mio. BT to 20,5, and that there is now more than 700 ships registered in DIS.


Sustainable shipping: Best practices. Safety4Sea. 3 June 2018. Available from: https://safety4sea.com/cm-sustainable-shipping-best-practices/ Sustainable shipping should be part of organizations' corporate strategy; it recommends beneficial actions for various stakeholders that the organization relates with by achieving simultaneously financial, social and environmental benefits.


Posidonia 2018: Dry bulk owners united in call for slower vessel speeds. By Nicola Good. Fairplay. 4 June 2018. Available from: https://fairplay.ihs.com/bulk/article/4302621/posidonia-2018-dry-bulk-owners-united-in-call-for-slower-vessel-speeds It's time to go slower, not only because it is good for the environment, but also because it will help stabilise fleet capacity with demand.


LR: zero emission ships' main challenge lies in fuel storage. World Maritime News. 4 June 2018. Available from: https://worldmaritimenesw.com/archives/254222 The shipping sector recently took a giant leap toward decarbonisation as the International Maritime Organization's (IMO) member states agreed on the requirement which would see the industry reduce its emissions by at least 50 pct by 2050 compared to 2008.

This is why the green transition is challenging to shipping. By Louise Vogdrup-Schmidt. ShippingWatch. 4 June 2018. Available from: https://shippingwatch.com/secure/carriers/article10659070.ece Shipping is slow to implement and complete the green transition, a process currently being undertaken across all sectors.

Maritime Philippines in international shipping. By Brenda V.Pimentel. *Manila Times.* 5 June 2018. Available from: [http://www.manilatimes.net/maritime-philippines-in-international-shipping/404624/](http://www.manilatimes.net/maritime-philippines-in-international-shipping/404624/) Last week I participated in the Round Table Discussions (RTD) for international shipping convened by the National Coast Watch Council (NCWC) and the Movement for Maritime Philippines (MMP) and where I had the rare chance of meeting Ambassador Carlos C. Salinas, erstwhile Philippine envoy to Spain and now International Maritime Organization (IMO) Ambassador.


Growing a vibrant maritime entrepreneurial and innovation ecosystem through PIER71. *Maritime and Port Authority of Singapore (MPA).* 6 June 2018. Available from: [https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/a316c30f-7339-468c-a7bb-cea9aadd287a](https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/a316c30f-7339-468c-a7bb-cea9aadd287a) Port Innovation Ecosystem Reimagined @ Block71 - was officially launched today by Dr Lam Pin Min, Senior Minister of State, Ministry of Transport and Ministry of Health.


Shipping lags behind in new tech adoption, but change is inevitable Posidonia 2018 experts agree. *Posidonia Exhibitions SA.* 6 June 2018. Available from: [http://posidonia-events.com/press-releases/posidonia/article/76/shipping-lags-behind-new-tech-adoption-change-inevitable-posidonia-2018-experts-agree](http://posidonia-events.com/press-releases/posidonia/article/76/shipping-lags-behind-new-tech-adoption-change-inevitable-posidonia-2018-experts-agree) Digital Transformation in Shipping Industry Digitalization, cyber technologies, autonomous mobility and artificial intelligence (AI) are the driving forces shaping tomorrow’s shipping industry today, as dozens of Internet service providers and AI specialist firms are attracting much attention this week on the exhibition floor of Posidonia 2018, the world’s most prestigious shipping event, which is hosting a total of 2,010 exhibitors from 92 countries…


WISTA AMERICAS 2018, growing the regional community. MundoMaritimo. 11 June 2018. Available from: http://www.mundomaritimo.net/noticias/wista-americas-2018-growing-the-regional-community To be held June 18-20 in Buenos Aires, Argentina, WISTA AMERICAS 2018 will unite women in shipping and trade from all over the continent to meet and develop relationships that can further the efforts of inclusion and gender equality throughout the region.

Stena Line eyes AI on ships to reduce fuel consumption. Safety4Sea. 11 June 2018. Available from: https://safety4sea.com/stena-line-eyes-ai-on-ships-to-reduce-fuel-consumption/ The partnership will see a team of Hitachi experts review the existing digital architecture, in close collaboration with Stena Line, and advise the ferry company as it aims to become the world's leading cognitive shipping company by 2021.


Shipowners call for support from new EU budget. By Mette Mandrup. ShippingWatch. 14 June 2018. Available from: https://shippingwatch.com/secure/carriers/article10685220.ece EUR 100 billion of the coming EU budget for 2021-2027 will be earmarked for research, says the EU Commission, which last week presented its latest budget proposal.


IBIA comment on current problem fuels from the US Gulf. International Bunker Industry Association (IBIA). 15 June 2018. Available from: https://ibia.net/ibia-comment-on-current-problem-fuels-from-the-us-gulf/ A significant number of ships have experienced serious operational problems - chiefly sticking/seizing fuel pumps and in some cases filter blockages - after lifting bunker fuels from the US Gulf region since late March and during April/May.

Recent legal developments in ship management. By Jan Rossi. Times of Malta. 16 June 2018. Available from: https://www.timesofmalta.com/articles/view/20180616/business-news/recent-legal-developments-in-ship-management.681905 Ship management is a major sector of the shipping industry, with ship managers establishing themselves in a number of locations with notable ship management centres present in Cyprus, the Netherlands, Singapore and Hong Kong.


LNG preferred as transport fuel, but lack of infrastructure a barrier. Deloitte. 20 June 2018. Available from: https://www2.deloitte.com/au/en/pages/media-releases/articles/lng-preferred-transport-fuel-lack-infrastructure-barrier-200618.html. Switching to liquefied natural gas (LNG) is the preferred solution for shipping companies to adopt in order to meet the International Maritime Organization’s (IMO) stringent new international emissions standards for marine bunker fuels, according to the findings of a survey by Deloitte.


China and Denmark join forces to further maritime digitalization. Danish Maritime Authority. 20 June 2018. Available from: https://bit.ly/2udghl2. As part of the maritime cooperation between Denmark and China, the Danish Maritime Authority (DMA) and China Maritime Safety Administration (China MSA) hold a joint seminar in China on e-navigation.

Alphaliner Chief Analyst: Cosco’s new vessels are biggest threat facing container shipping. By Lasse Karner. ShippingWatch. 20 June 2018. Available from: https://shippingwatch.com/secure/carriers/Container/article10701756.ece. Despite solid global growth and a surge in demand, the biggest liner shipping companies are on track for negative bottom lines for the rest of the year, says one of the container sector’s premier analysts.

More leaders than laggards’ in maritime digitalisation race. The Motorship. 21 June 2018. Available from: http://www.motorship.com/news101/industry-news/more-leaders-than-laggards-in-maritime-digitalisation-race. At a press preview of the findings hosted at its office in Ålesund, western Norway, Inmarsat noted that the industry’s reputation for being conservative was perhaps unjustified.

EU’s $250m marine LNG spending spree is a climate dead end. UMAS. 22 June 2018. Available from: https://u-mas.co.uk/Latest/Post/383/EU-s-250m-marine-LNG-spending-spree-is-a-climate-dead-end. A new study released by UMAS estimates that the EU has, to date, directly spent $250 million on Liquefied Natural Gas (LNG) projects in the marine sector, providing 50% partnership funding with the private sector to support a total of $500 million investment.

LNG as a marine fuel in the EU: Market, bunkering infrastructure investments and risks in the context of GHG reductions. UMAS (Commissioned by Transport & Environment). 22 June 2018. Available from: https://u-mas.co.uk/LinkClick.aspx?fileticket=yVGOF-ct68s%3d&portalid=0. In light of the recently adopted initial IMO strategy on reduction of GHG emissions and the Paris Agreement, there is a need to better understand the potential market for LNG as a marine fuel, bunkering infrastructure investments required and associated risks in the context of shipping GHG reduction.


Q&A: Nusrat Ghani MP. Seafarers UK. 26 June 2018. Available from: https://www.seafarers.uk/news/qa-nusrat-ghani-mp/. Parliamentary Under-Secretary (Department for Transport) and UK Maritime Minister Nusrat Ghani MP talks about her experiences working with the maritime industry.
The future of green shipping in the Baltic Sea. By Markus Helavuori and Alexey Bakhtov. 
The density of shipping in the Baltic Sea is steadily growing, with already more than 2000 ships navigating simultaneously at any given moment.

All About Shipping. 28 June 2018. Available from: https://bit.ly/2maOP97 During two days representatives of shipping companies, charterers, shipping agencies, traders, logistics operators, ship suppliers, insurance and ship brokers, lawyers, public administration civil servants and many other persons from the shipping related sector; gathered together to enjoy thematic panels that addressed the current challenges being faced by the maritime-port industry…

At last, the shipping industry begins cleaning up its dirty fuels. By Maria Gallucci. 
Yale Environment 360. 28 June 2018. Available from: https://bit.ly/2tNnWvh By 2020, the global shipping fleet will be required to slash the noxious emissions from thick, sulfur-laden “bunker” fuel, a move that is expected to sharply reduce air pollution and prevent millions of cases of childhood asthma and other respiratory ailments.


International law poses problems for negative emissions research. Brent K, McGee, J et al. 
Nature Climate Change. (2018). Available from: https://doi.org/10.1038/s41558-018-0181-2 New international governance arrangements that manage environmental risk and potential conflicts of interests are needed to facilitate negative emissions research that is essential to achieving the large-scale CO2 removal implied by the Paris Agreement targets.

Corporate control and global governance of marine genetic resources. 

Governance Solutions to the Tragedy of the Commons That Marine Plastics Have Become.

Residual fossil CO2 emissions in 1.5-2 °C pathways. 
Luderer G, Vrontisi, Z et al. Nature Climate Change. (2018). Available from: https://doi.org/10.1038/s41558-018-0198-6 The Paris Agreement—which is aimed at holding global warming well below 2 °C while pursuing efforts to limit it below 1.5 °C—has initiated a bottom-up process of iteratively updating nationally determined contributions to reach these long-term goals.

Net-zero emissions energy systems. 
Davis SJ, Lewis, NS et al. Science. (2018). Available from: http://science.sciencemag.org/content/360/6396/eaas9793.abstract Models show that to avert dangerous levels of climate change, global carbon dioxide emissions must fall to zero this century.
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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.