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 subject areas related to the work of IMO. Each CAB issue presents headlines from the previous month. For copyright reasons, the Current Awareness Bulletin (CAB) contains excerpts only. Links to the complete articles or abstract on publishers' sites are included when available, though access may require payment or subscription.

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

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

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

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IMO / UNITED NATIONS NEWS & EVENTS

WHAT’S NEW

International Maritime Prize for 2016 goes to Koji Sekimizu, former IMO Secretary-General

The prestigious International Maritime Prize for 2016 is to be awarded to former Secretary General of the International Maritime Organization (IMO), Mr. Koji Sekimizu, for his contribution to the work of IMO over many years.

The Council unanimously decided to award the Prize to Mr. Sekimizu, IMO Secretary-General Emeritus, in recognition of his invaluable contribution to the work and objectives of the Organization and the international maritime community as a whole. Mr. Sekimizu held a long and distinguished career with the Organization, culminating in his four-year stewardship as Secretary-General from 2012 to 2016.

In nominating his candidature for the International Maritime Prize, the Government of Japan recognized Mr. Sekimizu's lifetime dedication to promoting safety of life at sea and protecting the marine environment, as well as his outstanding leadership and contribution to the work and objectives of IMO.

Mr. Sekimizu joined the IMO Secretariat in 1989 and worked in both the Maritime Safety and Marine Environment Divisions, holding the post of Director for each before going on to be elected Secretary-General. Full Story: Briefing 19-02/08/2017

World Maritime Day 2017

“Connecting Ships, Ports and People” has been selected as the World Maritime Day theme for 2017 and will be formally celebrated at IMO on 28 September 2017

IMO MEETINGS FOR 2017

Sub-Committee on Carriage of Cargoes and Containers (CCC) (11/09/2017 – 15/09/2017)


IMO PRESS BRIEFINGS

New global project to address bioinvasions via ships' hulls
Briefing: 20, August 7, 2017

Flame-defying maritime pilots recognized with IMO bravery accolade
Briefing: 18, August 1, 2017
RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

“Strategies for Professional Development of Seafarers and Global Shipping”
27 August 2017, Bangladesh

Seminar on "IMO’s current panorama, perspective and global challenges"
22 August 2017, Mexico

World Maritime Day celebration 21 August 2017, Mexico
UNITED NATIONS NEWS


CASUALTIES


USS John S. McCain collides with merchant ship near Strait of Malacca **UPDATE 12:10 p.m. JST, Aug. 21, 2017**. United States Navy. 21 August 2017. Available from: http://www.c7f.navy.mil/Media/News/Display/Article/1283892/ The guided-missile destroyer USS John S. McCain (DDG 56) was involved in a collision with the merchant vessel Alnic MC while underway east of the Straits of Malacca and Singapore on Aug. 21.


Four workers killed in explosion at southeastern shipyard. Yonhap News Agency (South Korea). 20 August 2017. Available from: http://www.goo.gl/SX1Rrk Four workers were killed in an explosion at a shipyard in the southeastern city of Changwon on Sunday, the national fire agency said.


Crunch time. By Alex Hughes. *Port Strategy.* 22 August 2017. Available from: [http://www.portstrategy.com/news101/port-operations/planning-and-design/vessel-quay-strike-article](http://www.portstrategy.com/news101/port-operations/planning-and-design/vessel-quay-strike-article) In recent months, there have been a number of high profile cases of ships striking a quay, either while at berth or while attempting to berth; *Chittagong* (Bangladesh), Vaasa (Finland), *Jebel Ali* (UAE) and *Luka Koper* (Slovenia) all got a bit to close to comfort with their customers.


Maersk vessels collided for 36 hours before dramatic shipwreck. By Niklas Krigslund. *ShippingWatch*. 30 August 2017. Available from: [http://shippingwatch.com/secure/Offshore/article9829451.ece](http://shippingwatch.com/secure/Offshore/article9829451.ece) The two Maersk vessels which sank off the coast of France shortly before new year, collided continuously for up to 36 hours and were severely damaged for at least one day before the dramatic shipwreck.

**ENVIRONMENT**


2 more dead North Atlantic right whales found in western Newfoundland. *Canadian Broadcasting Corporation (CBC)*. 31 July 2017. Available from: [http://www.cbc.ca/news/canada/newfoundland-labrador/right-whales-dead-newfoundland-1.4228614](http://www.cbc.ca/news/canada/newfoundland-labrador/right-whales-dead-newfoundland-1.4228614) Three North Atlantic right whales have washed ashore on western Newfoundland's coast in the last few weeks, according to the Department of Fisheries and Oceans (DFO), with the number of recent confirmed deaths of the endangered animals in Atlantic Canada now at nine.


Sh10 billion lost to illegal fishing yearly in exclusive zone — Bett. By Charles Mghenyi. The Star (Kenya). 3 August 2017. Available from: http://www.thestar.co.ke/news/2017/08/03/sh10-billion-lost-to-illegal-fishing-yearly-in-exclusive-zone-bett_c1609024. Kenya is losing up to Sh10 billion annually due to increased illegal, unreported and unregulated fishing activities within the country’s exclusive economic zone, Agriculture CS Willy Bett has said.


’#Overshoot day’ for over-exploited #Adriatic Sea. EU Reporter. 3 August 2017. Available from: https://www.eureporter.co/environment/2017/08/03/overshoot-day-for-over-exploited-adriatic-sea. In response, 21 NGOs representing thousands of citizens (including international, Italian, Greek, Croatian and Slovenian associations) have written to European Commissioner Vella asking him to close trawling in the Jabuka/Pomo Pit between Italy and Croatia, one of the most important areas for the reproduction of species of fish in the Adriatic, such as hake and Norway lobsters (scampi).


The conservation and sustainable use of marine biological diversity. Times of Malta. 8 August 2017. Available from: http://www.goo.gl/apq7b5. The European Network of Maritime Knowledge Centre (ENMC) and the European Commission held their traditional annual meeting on blue growth for the third time.


Marine noise pollution stresses and confuses fish. Phys Org. 10 August 2017. Available from: https://phys.org/news/2017-08-marine-noise-pollution-stresses-fish.html Researchers at Newcastle University (UK) found that European sea bass experienced higher stress levels when exposed to the types of piling and drilling sounds made during the construction of offshore structures.


Arctic waters get long-sought protection. By Gloria Galloway. Globe and Mail (Canada). 14 August 2017. Available from: https://www.theglobeandmail.com/news/politics/arctic-waters-get-long-sought-protection-after-ottawa-inuit-group-reach-agreement/article35956671/ The federal government has reached an agreement with local Inuit that will lead to the protection and management of a massive swath of northern sea in one of the most ecologically sensitive regions of the Canadian Arctic.


Statement by Ministers Garneau and LeBlanc on actions taken to address the deaths of whales in the Gulf of St. Lawrence. Government of Canada. 11 August 2017. Available from: http://www.goo.gl/a5dA8m Canada takes the protection, conservation, and recovery of endangered species very seriously

Government of Canada's actions to date on North Atlantic right whales. Government of Canada. 11 August 2017. Available from: http://www.goo.gl/LA9AoM To find more permanent solutions to the recent deaths of North Atlantic right whales in the Southern Gulf of St. Lawrence, the Government of Canada will work with scientific experts, industry, environmental groups, and the National Oceanic and Atmospheric Administration.

20 million seabirds in Barents Sea - Greenpeace protests northernmost oil drilling.  
By Thomas Nilsen.  Independent Barents Observer (Norway). 17 August 2017.  Available from:  
On Thursday, activists from the Greenpeace vessel «Arctic Sunrise» put kayaks and inflatable boats on the water near Statoil's oil rig «Songa Enabler».

New study: West Coast ships kill more than 80 endangered whales annually.  
Far more whales die in collisions with ships off the West Coast than ever wash up on beaches, a new study has found.

Short-notice whale speed cap surprises St. Lawrence lines.  
By Anne Kalosh.  Seatrade Cruise News. 21 August 2017.  Available from:  
This 10-knot cap means ships may have to abbreviate port calls or even miss a port to keep their schedule.

Big mammals, big problems: Why are so many right whales dying?  
http://thechronicleherald.ca/novascotia/1496915-big-mammals-big-problems-why-are-so-many-right-whales-dying  
University researchers, government agencies and non-profit groups are all working to reduce North Atlantic right whale deaths, but one researcher says the problem is so big it's not going to be easy finding solutions.

Obituary: Tony de Brum, Marshallese climate and anti-nuclear crusader.  
By Karl Mathiesen.  Climate Home. 22 August 2017.  Available from:  
When he was still a child the US, the colonial power in the Marshalls at the time, conducted a programme of 67 nuclear tests that saw many hundreds of Marshallese displaced after their atolls were blown up and irradiated.

Harvard researchers say Exxon misled public on climate science.  
By Emily Flitter.  Reuters. 23 August 2017.  Available from:  
https://www.reuters.com/article/us-usa-climatechange-exxon-idUSKCN1B31TR  
Two Harvard University researchers said in a study published on Wednesday they had collected data proving that Exxon Mobil Corp made "explicit factual misrepresentations" in newspaper ads it purchased to convey its views on the oil industry and climate science.

Technologies driving CLIA cruise line members’ environmental protection efforts.  
Cruise Lines International Association (CLIA). 22 August 2017.  Available from:  
Cruise lines are transforming the modern fleet with new technologies and designs to protect the oceans, air and destinations that millions of cruise passengers enjoy each year.

Small island nations fiercest defenders of our oceans.  
By Jyoti Pratibha.  Fiji Sun Online. 24 August 2017.  Available from:  
Our oceans, and the life they sustain, face threats more severe than at any time in our history.
What Kenya’s government can do to protect, and benefit from, ocean resources.
By David Obura. The Conversation. 23 August 2017. Available from:
http://theconversation.com/what-kenyas-government-can-do-to-protect-and-benefit-from-ocean-resources-82397 Kenya earns around USD$2.5 billion per year from its ocean – less than 4% of its GDP.

Fast action on climate means ships must stay slow.

Toxic cloud on Sussex coast may have come from ship, say sources.
By Matthew Weaver. The Guardian. 29 August 2017. Available from: https://www.theguardian.com/environment/2017/aug/29/investigators-believe-toxic-cloud-on-sussex-coast-came-from-ship Authorities investigating the cause of Sunday’s chemical cloud are working on the assumption that it came from a ship in the Channel after environmental monitoring sites picked up a localised spike in pollution levels.

UK Maritime & Coastguard Agency. 27 August 2017. Available from: http://hmcoastguard.blogspot.co.uk/2017/08/maritime-coastguard-agency-statement.html A ‘haze’ that is causing discomfort for people along the coast from Eastbourne to Birling Gap in Sussex has prompted emergency services to warn people to stay away from the beaches and to keep doors and windows closed, if living near the coast.

Stimulus programme for LNG-powered ships will benefit the environment.

Caspian Sea evaporating as temperatures rise, study finds.

ENVIRONMENTAL POLLUTION

Port of Los Angeles expands incentive grant program to reduce ship emissions.
Port of Los Angeles. 27 July 2017. Available from: https://www.portoflosangeles.org/newsroom/2017_releases/news_072717_Grant_Speed_Reduction.asp The Port of Los Angeles and other participating Environmental Ship Index (ESI) incentive providers have expanded their rewards programs for vessel operators willing to go above and beyond regulatory standards to cut harmful emissions from ships.

Port of Southampton sets up monitoring stations to measure air quality.

**FOBAS Alert: Off-Specification Sulphur Results for ECA Fuels at Antwerp.**
By Chris Manuel, FOBAS Specialist. *Ship & Bunker*. 31 July 2017. Available from: https://shipandbunker.com/news/world/263281-fobas-alert-off-specification-sulphur-results-for-eca-fuels-at-antwerp. In the last week FOBAS has tested a number of ISO-D-DMA samples bunkered at Antwerp in which, based on single test result, the sulphur contents determined exceeded the limit of 0.10% m/m required for Emission Control Area for SOx (ECA-SOx) operations.

**ACP Highlights Expanded Panama Canal’s Fuel, Emission, and Cost Savings.**


**Gas costs capital’s port of entry.** *Fiji Times*. 2 August 2017. Available from: http://www.fijitimes.com/story.aspx?id=411157. The Port of Suva produces 3100 tonnes of greenhouse gas (CO2-e) energy which was the port’s third highest expense, after labour and machinery.


**Funding for first system to monitor the hidden dangers of ships’ ballast.** *Phys Org*. 3 August 2017. Available from: https://phys.org/wire-news/263184935/funding-for-first-system-to-monitor-the-hidden-dangers-of-ships-ballast.html. It is estimated that between five to 10 billion tonnes of ships’ ballast water is moved around the world globally - ballast water which has become inadvertent transport for invasive non-native species, harmful pathogens and antibacterial resistance.

**Oil spill at Malta Freeport Terminals.** *Times of Malta*. 1 August 2017. Available from: https://www.timesofmalta.com/articles/view/20170801/local/oil-spill-at-malta-freeport-terminals.654641. An oil spill clean-up operation is under way at Malta Freeport Terminals after the toxic liquid leaked into the sea while a berthed vessel underwent bunkering operations.


German carbon emissions seen 1.2% higher on transport in H1: Agora. By Andreas Franke. *S&P Global Platts*. 7 August 2017. Available from: [https://www.platts.com/latest-news/electric-power/london/german-carbon-emissions-seen-12-higher-on-transport-26784079](https://www.platts.com/latest-news/electric-power/london/german-carbon-emissions-seen-12-higher-on-transport-26784079) Germany’s CO2 emissions increased by 1.2% or almost 5 million mt in the first half of 2017 to 428 million mt, making it less likely for Germany to achieve its national climate targets by 2020 without additional action, think-tank Agora Energiewende said Monday based on first statistics for energy usage in H1 2017.

As the Isle of Man considers building a landing stage for big cruise ships, a warning from Friends of the Earth about pollution. By John Turner. *IOM Today (Isle of Man)*. 8 August 2017. Available from: [http://www.iomtoday.co.im/article.cfm?id=35244&headline](http://www.iomtoday.co.im/article.cfm?id=35244&headline) Group spokesman Pete Christian voiced concerns about ships' emissions and sewage discharges and the impact of transporting large numbers of tourists around the island.

**EMSA launches a monitoring, reporting and verification system to help reduce CO2 emissions from shipping at EU level.** *European Maritime Safety Agency (EMSA)*. 7 August 2017. Available from: [http://www.goo.gl/STSP4M](http://www.goo.gl/STSP4M) THETIS-MRV goes live today marking the first of several steps in the EU's efforts to include the maritime transport sector in its overall policy to reduce greenhouse gas emissions. [Infographic](http://www.goo.gl/STSP4M)

**Kassinger Comments on Shipping GHGs Draws Praise and Criticism.** *Ship & Bunker*. 10 August 2017. Available from: [https://shipandbunker.com/news/world/290034-kassinger-comments-on-shipping-gghs-draws-praise-and-criticism](https://shipandbunker.com/news/world/290034-kassinger-comments-on-shipping-gghs-draws-praise-and-criticism) The Carbon War Room were among those to reiterate the warnings of a failure to act on emissions, while others rallied around the idea that there was a little to be gained from such GHG reductions.

Norway, California ink environmental agreement. *Green4Sea*. 9 August 2017. Available from: [https://www.green4sea.com/norway-california-ink-environmental-agreement/](https://www.green4sea.com/norway-california-ink-environmental-agreement/) The Norwegian Ministry of Climate and Environment and the US state of California signed an environmental agreement, as part of their efforts to reduce greenhouse gas emissions and to promote climate action at all levels.
Hong Kong scoops up 158 tonnes of palm oil; reopens five beaches. By Farah Master. Reuters. 11 August 2017. Available from: https://www.reuters.com/article/us-hongkong-pollution-idUSKBN1AR0A4 Hong Kong has reopened five of 13 beaches closed since last Sunday following a palm oil spill, after authorities collected more than 150 tonnes of acrid-smelling clumps in one of the Chinese territory’s worst environmental disasters.

Denmark reports Maersk Oil to police for discharging chemicals into North Sea. By Stine Jacobsen. Reuters. 10 August 2017. Available from: https://www.reuters.com/article/us-maersk-environment-idUSKBN1AQ1FG The Danish environmental protection agency (DEPA) said on Thursday it had reported Maersk Oil, the oil unit of A.P. Moller-Maersk (MAERSKb.CO), to the police for discharging chemicals into the North Sea in connection with oil production.

Kuwait to finish cleaning up oil spill this week: report. By Ahmed Hagagy. Reuters. 13 August 2017. Available from: https://www.reuters.com/article/us-oil-kuwait-spill-idUSKCN1AT0I7 Kuwait will finish cleaning up a crude oil spill in the country’s southern waters in the Gulf this week, a Kuwaiti newspaper report said on Sunday, quoting the country’s oil minister.

Japanese-owned tanker and Singapore container ship identified as vessels in collision leading to palm oil spill. By Ernest Kao. South China Morning Post. 15 August 2017. Available from: http://www.scmp.com/news/hong-kong/environment/article/2106702/japanese-owned-tanker-and-singapore-container-ship A Japanese-owned chemical tanker registered in Panama and a Singaporean container ship have been identified as the two vessels involved in a collision in mainland Chinese waters that led to the recent palm oil spill that has inundated Hong Kong's beaches with globs of stearin.


34,000 gallons of oil spill off Kuwait. Kuwait Times. 16 August 2017. Available from: http://news.kuwaittimes.net/website/34000-gallons-oil-spill-off-kuwait/ An analysis of satellite imagery by a US-based non-profit organization suggest at least 34,000 gallons of oil have leaked out during a spill off the coast of Kuwait.


Think diesel cars are dirty? Try ships! By Harald Franzen. Deutsche Welle (Germany). 29 August 2017. Available from: http://www.dw.com/en/think-diesel-cars-are-dirty-try-ships/a-40278610 Steel-blue skies and a "balmy" 14 degrees celsius (57 degrees Fahrenheit): As far as I can tell after eight days at sea, that's August at its finest in Cuxhaven, a port town just west of where the Elbe river meets the sea.

New view of dispersants used after Deepwater Horizon oil spill. US National Science Foundation (NSF). 28 August 2017. Available from: https://www.nsf.gov/news/news_summ.jsp?cntn_id=242909 New research has uncovered an added dimension to the decision to inject large amounts of chemical dispersants above the crippled seafloor oil well during the Deepwater Horizon disaster in 2010.

HEALTH AND SAFETY

Another gastro outbreak hits Sun Princess cruise ship, docked in Brisbane. By Robyn Ironside. ABC (Australia). 9 August 2017. Available from: http://www.abc.net.au/news/2017-08-10/another-gastro-outbreak-on-sun-princess-cruise-ship-brisbane/8795178 As many as 91 cruisegoers have been struck down by a norovirus aboard the Sun Princess cruise ship, which experienced back-to-back norovirus outbreaks in February.


IMO


IMO Has Made 2020 Compliance Unnecessarily Complicated: Inatech. Ship & Bunker. 9 August 2017. Available from: https://shipandbunker.com/news/world/145908-imo-has-made-2020-compliance-unnecessarily-complicated-inatech When the new rules come into force in 2020, ships will no longer be permitted to burn a marine fuel that has a sulfur content greater than 0.50% by weight, unless they also use technology such as an exhaust gas cleaning system to achieve an equivalent level of compliance when using otherwise noncompliant fuel.

**LAW AND POLICY**

**China set for easy ride from ASEAN on disputed South China Sea.** *Reuters.* 3 August 2017. Available from: [http://www.reuters.com/article/us-asean-philippines-southchinasea-idUSKBN1AJ0WX](http://www.reuters.com/article/us-asean-philippines-southchinasea-idUSKBN1AJ0WX) Southeast Asian ministers meeting this week are set to avoid tackling the subject of Beijing’s arming and building of manmade South China Sea islands, preparing to endorse a framework for a code of conduct that is neither binding nor enforceable.

**Somali pirates get 7 years in jail, to be deported soon.** By Sharmeen Hakim. *Mumbai Mirror (India).* 3 August 2017. Available from: [http://mumbaimirror.indiatimes.com/mumbai/crime/somali-pirates-get-7-years-in-jail-to-be-deported-soon/articleshow/59890245.cms](http://mumbaimirror.indiatimes.com/mumbai/crime/somali-pirates-get-7-years-in-jail-to-be-deported-soon/articleshow/59890245.cms) Six years after a group of Somali pirates were arrested while attempting to hijack a ship off Lakshadweep islands, 15 of them have been found guilty and sentenced to seven years imprisonment by a sessions court in Mumbai.


**ASEAN overcomes communique impasse, urges non-militarisation in South China Sea.** By Martin Petty and Manuel Mogato. *Reuters.* 6 August 2017. Available from: [http://www.reuters.com/article/us-asean-philippines-southchinasea-state-idUSKBN1AM0IR](http://www.reuters.com/article/us-asean-philippines-southchinasea-state-idUSKBN1AM0IR) Southeast Asian foreign ministers ended an impasse on Sunday over how to address disputes with China in the South China Sea, issuing a communique that called for militarization to be avoided and noting concern about island-building.

The overspill limit. Shipowners’ Club. 8 August 2017. Available from: https://www.shipownersclub.com/the-overspill-limit/ The term 'overspill' means that a loss has spilled over, or exceeded, the limits of liability available through the General Excess of Loss Reinsurance Programme which protects mutual Members of the International Group of P&I Clubs.

Who Governs the High Seas? By Peter Neill, Director, World Ocean Observatory. Huffington Post. 9 August 2017. Available from: http://www.huffingtonpost.com/entry/who-governs-the-high-seas_us_598b73f1e4b030f0e267c9a5 The earth's surface is more than 70% ocean, more water than land, a mass of blue connecting disconnected green.


SPC Focusses on 7 PICs to strengthen maritime boundaries in the region. Secretariat of the Pacific Community (SPC). 21 August 2017. Available from: http://www.spc.int/blog/spc-focusses-on-7-pics-to-strengthen-maritime-boundaries-in-the-region/ The Pacific Community (SPC) aims to focus on 7 Pacific Island Countries (PICs), who have yet to negotiate their portions of the maritime boundaries, over the next five years.


Government denies entry to Defend Europe vessel because of 'everything it stands for'. 


Terms of reference. *By Jonathan Goulding, Associate & Mariner, Holman Fenwick Willan LLP. Bunkerspot.* 22 August 2017. Available from: [https://www.bunkerspot.com/global/44594](https://www.bunkerspot.com/global/44594) The pace of development in autonomous and remote-controlled shipping is intensifying, but much work remains to be done to create a robust and comprehensive regulatory framework to accommodate this cutting edge technology.


**MARINE TECHNOLOGY**


Wärtsilä engines and propulsion solutions to power two new fishing trawlers.  
The technology group Wärtsilä has been contracted to provide the engines and the complete propulsion package, including the propulsion control system for two new fishing trawlers being built for Murmansk, Russia based Nord Pilgrim Ltd.

RINA has classed the last two Concordia ships designed specifically to transport heavy wind power components around Europe.

**World-class AUV launched: a new dimension to Antarctic science.**  *Australian Maritime College*. 21 August 2017.  Available from:  [http://www.goo.gl/8t2o5g](http://www.goo.gl/8t2o5g)  
During an official ceremony, the $5 million polar vehicle was granted the name *nupiri muka*, which means 'Eye of the Sea' in palawa kani, the language of Tasmanian Aborigines.

The Maritime and Port Authority of Singapore (MPA) and IBM today announced at the opening of the International Safety@Sea Conference that they have jointly completed the pilot trial of three modules under the MPA-IBM SAFER project, which will be rolled out progressively beginning September 2017.

Japan's largest container line plans to test a remote-controlled vessel across the Pacific Ocean in 2019 as it pursues fully autonomous technology that could disrupt the global shipping industry.

**MARITIME SAFETY**

In general, the transport of oil and gas is quite safe by all modes we examine: pipeline, rail, and tanker, though there are differences between the modes that should be considered when developing infrastructure.

**RightShip seeks industry input to develop an ISGOTT equivalent for the dry bulk sector.**  *RightShip*. 26 July 2017.  Available from:  [http://www.goo.gl/3G1xCg](http://www.goo.gl/3G1xCg)  
To raise standards in the marine solid bulk cargo sector, there needs to be consensus and articulation of best practice.

**Coast Guard and National Cargo Bureau sign Memorandum of Agreement.**  By John Hannon, Domestic Compliance Division, Office of Commercial Vessel Compliance, USCG.  *US Coast Guard Maritime Commons*. 1 August 2017.  Available from:  [http://www.goo.gl/uWW6jy](http://www.goo.gl/uWW6jy)  
Rear Admiral Paul Thomas, assistant commandant for prevention and Mr. Ian Lennard, president of the National Cargo Bureau (NCB), recently signed a Memorandum of Agreement (MOA) for inspection and plan review performed on commercial cargo vessels by NCB on behalf of the Coast Guard.  [Memorandum of Agreement](#)


Safe maritime operations under extreme conditions: the Arctic case. *European Commission.* 23 May 2017. Available from: [http://cordis.europa.eu/project/rcn/210139_en.html](http://cordis.europa.eu/project/rcn/210139_en.html) SEDNA will develop an innovative and integrated risk-based approach to safe Arctic navigation, ship design and operation, to enable European maritime interests to confidently fully embrace the Arctic's significant and growing shipping opportunities, while safeguarding its natural environment.


Recap of Coast Guard remarks at the 7th Symposium on Impacts of an Ice-Diminishing Arctic. US Coast Guard Maritime Commons. 14 August 2017. Available from: http://mariners.coastguard.dodlive.mil/2017/08/14/8142017-recap-of-coast-guard-remarks-at-the-7th-symposium-on-impacts-of-an-ice-diminishing-arctic/ Last month, Maritime Commons attended the 7th Symposium on the Impacts of an Ice-Diminishing Arctic to bring you, our readers, the latest on Arctic-related topics affecting maritime industry.


MARITIME SECURITY


Cyber risks at sea: Getting ahead before you are adrift. By John Boles and James Bickley, Navigant Consulting. Splash 24/7. 2 August 2017. Available from: http://splash247.com/cyber-risks-sea-getting-ahead-adrift/ Last year, the International Maritime Organization (IMO) released its interim cyber security guidelines, and earlier this month, the Baltic and International Maritime Council (BIMCO) published its own recommendations based on the IMO directives.

Blockchain Cryptocurrency Launches for Shipping Security.
*Port Technology International.* 2 August 2017. Available from: [https://www.porttechnology.org/news/shipping_cryptocurrency_launches_to_provide_blockchain_security](https://www.porttechnology.org/news/shipping_cryptocurrency_launches_to_provide_blockchain_security). A new blockchain-based technology is making a move to revolutionize the way in which the container shipping industry is paying for services by introducing a cryptocurrency into the market.

**SOFTimpact: Why maritime is so vulnerable to cyber attacks.** *Splash 24/7.* 9 August 2017. Available from: [http://splash247.com/softimpact-maritime-vulnerable-cyber-attacks](http://splash247.com/softimpact-maritime-vulnerable-cyber-attacks). The maritime industry appears to be specifically vulnerable to cyber attacks due to several factors including the fact that IT systems onboard were designed with a 'the system must work under all conditions' instead of the 'system must work securely' mind set, argues Markus Schmitz, the managing director of Cyprus-based IT provider SOFTimpact in today's Maritime CEO interview.

Maritime industry moves from awareness to action on cyber security.


Iranian drone comes within 100 feet of US fighter jet in Persian Gulf.

ICHCA community to discuss how to protect global cargo chain against physical and cyber attacks. **International Cargo Handling Coordination Association (ICHCA).** 10 August 2017. Available from: [http://ichca.com/ichca-community-discuss-protect-global-cargo-chain-physical-cyber-attacks](http://ichca.com/ichca-community-discuss-protect-global-cargo-chain-physical-cyber-attacks). Following the Petya attack in June, one of the biggest cyber-attacks ever experienced in global shipping which crippled A.P. Moller-Maersk’s computer systems worldwide for 5 days, the need to protect against both cyber and physical threats to critical maritime infrastructures has been topmost on the minds of many in the cargo handling industry.


Drone enthusiast 'amazed' as he lands device on deck of £3bn *HMS Queen Elizabeth* without being detected. By Harry Yorke. *The Telegraph*. 12 August 2017. Available from: [http://www.telegraph.co.uk/news/2017/08/12/drone-enthusiast-avoids-detection-lands-vehicle-3bn-hms-elizabeth/](http://www.telegraph.co.uk/news/2017/08/12/drone-enthusiast-avoids-detection-lands-vehicle-3bn-hms-elizabeth/) This week the Royal Navy was left blushing after it emerged that an amateur enthusiast managed to land a £300 drone on the deck of *HMS Queen Elizabeth* without anyone raising the alarm.


Terror on the seas. By Adrian Raj, Southeast Asia Regional Director, International Association for Counterterrorism & Security Professional-Centre for Security Studies (IACSP). *New Straits Times Online (Malaysia)*. 14 August 2017. Available from: [https://www.nst.com.my/opinion/columnists/2017/08/267590/terror-seas](https://www.nst.com.my/opinion/columnists/2017/08/267590/terror-seas) The Sea Lanes of Communication, or the maritime milieu, has been referred to as "ground zero" of the asymmetric security threats, such as piracy, terrorism and organised crime.


We can never drop our vigil against drugs. *Gulf News*. 15 August 2017. Available from: [http://gulfnews.com/opinion/editorials/we-can-never-drop-our-vigil-against-drugs-1.2074755](http://gulfnews.com/opinion/editorials/we-can-never-drop-our-vigil-against-drugs-1.2074755) For all the focus on the international fight against terror, there is another equally important law-and-order campaign that needs to be waged — against drug barons and warlords.

How hackers are targeting the shipping industry. By Chris Baraniuk.  
*BBC News.*  
18 August 2017. Available from:  
Whenever one of the firm’s fuel suppliers would send an email asking for payment, the virus simply changed the text of the message before it was read, adding a different bank account number.

WhatsApp came in handy at Maersk after cyber blackout. By Nick Roumpis.  
*TradeWinds.*  
17 August 2017. Available from:  
AP Moller-Maersk’s new structure was one of the main reasons that helped the company limit the impact of the June cyber-attack, which cost the Danish giant between $200m and $300m.

NATO Ships Sweep Seafloor for Old Ordnance.  
*NATO Maritime Command.*  
17 August 2017. Available from:  
Standing NATO Mine Countermeasures Group One (SNMCMG1) completed four days of Historical Ordnance Disposal (HOD) Operations along with Estonian minehunter ENS Admiral Cowan in Estonian territorial waters August 17.

NIMASA reaches 96% ISPS compliance level, lists facilities on GISI. By Godwin Oritse.  
*Vanguard (Nigeria).*  
17 August 2017. Available from:  
The Nigerian Maritime Administration and Safety Agency, NIMASA, has said that Nigeria is currently compliant to the International Ship and Port Security, ISPS, Code, following a renewed enforcement drive.

Exercise enhances cooperative maritime security efforts.  
*US Department of Defense.*  
21 August 2017. Available from:  
[https://www.defense.gov/News/Article/Article/1284477/](https://www.defense.gov/News/Article/Article/1284477/)  
The 16th annual Southeast Asia Cooperation and Training exercise, known as SEACAT, began today in Singapore, Brunei and the Philippines, focusing on shared regional maritime security challenges.

Royal Navy leads international efforts to seize drugs worth £400M.  
*UK Government Ministry of Defence.*  
20 August 2017. Available from:  
The UK and France commanded a multinational naval task force which has scored eight drugs busts over the period, seizing 1.75 tonnes of narcotics worth nearly £400m, including 265kg of heroin and 455kg of hashish worth £65m by the Royal Navy Type 23 frigate, *HMS Monmouth.*

Hacked off. By Jason Jiang.  
*Splash 24/7.*  
24 August 2017. Available from:  
With the acceleration of digitalisation across maritime, the cyber threat to shipping is racing ahead of efforts by industry bodies and regulators to combat the menace.

Iran, Indonesia stress coop. on fighting maritime terrorism.  
*MEHR News Agency (Iran).*  
24 August 2017. Available from:  
During the visit, held on the sidelines of the 3rd International Maritime Security Symposium in Bali, Commander Sayyari commended Indonesia for hosting the Symposium underlining that Iran attaches high importance to maritime security gatherings as the sole way to benefit from maritime sources in providing their security.
Attacks on global supply chains by terrorist groups have hit the highest rate ever as have associated costs, according to a report released today by BSI.

Indian Register of Shipping develops class rules and cyber safety guidelines - Addresses cyber risks of emerging technologies. Indian Register of Shipping (IRClass). 28 August 2017. Available from: http://www.goo.gl/6TS4CH  Indian Register of Shipping (IRClass), leading classification society, in a bid to address the cyber risks of emerging technologies that are being introduced to the Indian maritime industry, has developed class rules based on guidelines set by International Maritime Organization (IMO), as well as appropriate standards such as the National Institute of Standards and Technology – US Department of Commerce (NIST).


France targets ports with 'Maritime Surveillance'. Port Technology International. 31 August 2017. Available from: https://www.porttechnology.org/news/france_uses_maritime_surveillance  Advanced technology must be used to increase the capabilities of maritime surveillance, Augier noted in an interview.


**MARITIME TRAINING**


University of Cyprus preparing maritime science, technology, and economy faculty. *Famagusta Gazette (Cyprus)*. 22 August 2017. Available from: http://famagusta-gazette.com/university-of-cyprus-preparing-maritime-science-technology-and-economy-fa-p41816-69.htm. During their meeting on Monday, Christofides told the Minister that an international advisory committee has been set up and will soon meet in Cyprus to prepare the proposal.


MIGRANTS


Are migrants paying price as EU targets smugglers in the Med? By Rami Ruhayem. BBC News. 27 July 2017. Available from: http://www.bbc.co.uk/news/world-europe-40706957. There was a serene, enchanting glow to the view from the Vos Prudence search-and-rescue ship as it slowed to a standstill off the Libyan coast a few hours after sunset.

C Star owner denies ship will block rescue of migrants. By Adam Corbett. TradeWinds. 26 July 2017. Available from: http://www.tradewindsnews.com/casualties/1314108/c-star-owner-denies-ship-will-block-rescue-ofmigrants. The owner of the C Star — the vessel hired by controversial right-wing group Defend Europe amid allegations it will be used to disrupt the work of non-governmental organisations (NGOs) in helping migrants safely cross the Mediterranean Sea — says the ship's crew will abide by the laws of the sea.


Italian parliament approves Libya naval mission. The Local (Italy). 2 August 2017. Available from: [https://www.thelocal.it/20170802/italian-parliament-approves-libya-naval-mission](https://www.thelocal.it/20170802/italian-parliament-approves-libya-naval-mission) The Italian parliament gave the go-ahead on Wednesday to a naval mission aimed at boosting the Libyan coastguard in its fight against human traffickers and further reducing the number of migrant arrivals on Italy's coasts.


Anti-migrant boat follows NGO vessel off Libya. The Local (Italy). 6 August 2017. Available from: [https://www.thelocal.it/20170806/anti-migrant-boat-follows-neg-vessel-off-libya](https://www.thelocal.it/20170806/anti-migrant-boat-follows-neg-vessel-off-libya) A ship carrying far-right campaigners who aim to turn migrant boats back to Africa followed an NGO rescue vessel with an AFP reporter on board on Saturday in waters off Libya.


Early this morning (09/08), a human smuggler, in charge of the boat, forced more than 120 Somali and Ethiopian migrants into the pitching sea as they approached the coast of Shabwa, a Yemeni Governorate along the Arabian Sea.


Italy applauds Libya's decision on migrant 'search and rescue' zone. *The Local (Italy)*. 13 August 2017. Available from: [https://www.thelocal.it/20170813/italy-applauds-libyas-decision-on-migrant-search-and-rescue-zone](https://www.thelocal.it/20170813/italy-applauds-libyas-decision-on-migrant-search-and-rescue-zone) The Italian government on Sunday welcomed Libya's decision to bar foreign vessels from a stretch of water off its coast, as both countries struggle with a migrant crisis that has engulfed Europe in recent years.

SOS MEDITERRANEE continues its search and rescue activities. *SOS Mediterranee - European Association for Rescue of Life in the Mediterranean Sea*. 13 August 2017. Available from: [http://sosmediterranee.org/aquarius-continues-search-and-rescue-activities/?lang=en](http://sosmediterranee.org/aquarius-continues-search-and-rescue-activities/?lang=en) On Thursday, the 10th August, Libyan authorities announced their intention to establish a search and rescue (SAR) zone, thereby wishing to restrict access to the international waters off Libya to all foreign ships, including humanitarian vessels.


More Survivors, Remains of Deceased Migrants Found by UN Migration Agency on Yemen Beach. International Organization for Migration (IOM). 15 August 2017. Available from: http://www.iom.int/news/more-survivors-remains-deceased-migrants-found-un-migration-agency-yemen-beach Over the past three days, staff from IOM, the UN Migration Agency, have found more survivors, as well as the remains of more victims, from last week’s tragic incidents.


Migratory flows in July: Numbers fall in Italy, remain high in Spain. Frontex European Border and Coast Guard Agency. 14 August 2017. Available from: http://frontex.europa.eu/news/migratory-flows-in-july-numbers-fall-in-italy-remain-high-in-spain-X4OFNn In July, there were 15 400 detections of illegal border crossings on the four main migratory routes into the EU as the number of migrants arriving in Italy fell by more than half from the previous month. Spain continued to see the heaviest migratory pressure since 2009.

Save the Children's search and rescue vessel to dock in Malta, as Libyan Navy assume control of international waters. Save the Children. 13 August 2017. Available from: https://www.savethechildren.net/article/save-children-s-search-and-rescue-vessel-dock-malta-libyan-navy-assume-control-international Save the Children’s Search and Rescue operation has saved the lives of many vulnerable people who are risking their lives to flee to Europe, including unaccompanied children and babies with their parents.


EU 'trying to move border to Libya' using policy that breaches rights – UN experts. 
Two United Nations human rights experts have expressed serious concern over a new European Commission policy on Mediterranean Sea rescues, warning that more people will drown.

Libyan marine rescue zone aims to 'organise' NGOs: navy. France 24. 16 August 2017. Available from: 
Libya is not "preventing" NGOs from carrying out migrant rescue operations off its coast, but has set up a coastal search and rescue zone to "organise" their work, its navy said Wednesday.

Migrant rescue NGO accuses the EU of 'hiding the dirt' under the Mediterranean. EurActiv. 16 August 2017. Available from: 
Speaking about the refugee crisis and the Libyan and Syrian conflicts, Oscar Camps, director of the Spanish NGO Proactiva Open Arms, accused the EU of "hiding the dirt under the carpet" of international waters in the Mediterranean sea.

IOM, the UN Migration Agency, reports that 119,069 migrants and refugees entered Europe by sea in 2017 through 16 August, with almost 83 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Impossible Choice: Why We Cannot Stand Behind Returns To Libya. By Gemma Parkin, Save the Children. Huffington Post (UK). 17 August 2017. Available from: 
http://www.huffingtonpost.co.uk/gemma-parkin/libya-refugee-crisis_b_17772566.html
It's a strange question to kick off the working day on board Save the Children's rescue ship: Would we rather stop our search and rescue operations completely, and risk people drowning, than return migrants and refugees back to Libya?


Armed group stopping migrant boats leaving Libya. By Ahmed Elumami. Reuters. 21 August 2017. Available from: 
https://www.reuters.com/article/us-europe-migrants-libya-italy-exclusive-idUSKCN1B11XC
An armed group is stopping migrant boats from setting off across the Mediterranean from a city west of Tripoli that has been a springboard for people smugglers, causing a sudden drop in departures over the past month, sources in the area said.

IOM Libya reports that 102 migrants (95 men and 7 women) were rescued at sea off Sabratha on 21 August by the Libyan Coast Guard.

No migrant deaths at sea in last 20 days as Mediterranean arrivals reach 121,517 for 2017. International Organization for Migration (IOM). 29 August 2017. Available from: 
http://www.goo.gl/VhFwGqh
Since 9 August, IOM, the UN Migration Agency, has not received any reports of migrant deaths in the Mediterranean.
DFDS CEO on migrants: This is a completely unsustainable situation.
DFDS is currently stuck in limbo after a group of migrants sneaked on board the Ropax ferry Kaunas on July 27 en route between Ukraine and Turkey.

Italy denied on Wednesday that it supported a deal to pay armed groups implicated in human trafficking to prevent migrants crossing the Mediterranean.

NAVIGATION AND COMMUNICATIONS

Commenting on the recent study by Nautilus International regarding connectivity onboard, Global Navigation Solutions suggested that despite estimates that communications account for just 1% of daily operating costs, the relative cost of bandwidth and equipment made some shipowners unwilling to provide connectivity to seafarers.


The risk of cyber attacks targeting ships' satellite navigation is pushing nations to delve back through history and develop back-up systems with roots in World War Two radio technology.

Five questions for your maritime connectivity provider. By Malcolm McMaster, President, Globecomm Maritime. Splash 24/7. 15 August 2017. Available from: http://splash247.com/five-questions-maritime-connectivity-provider/ In common with other sectors of the shipping industry, suppliers of maritime communication services have felt their share of pain during the near-decade long slump in vessel earnings.

IMO has decreed that the shipping industry has until 1 September to ensure ECDIS on all ships are updated to the new International Hydrographic Organization (IHO) standards and crew are trained.

Indian Regional Navigation Satellite System or IRNSS (NavIC) is designed to provide accurate real-time positioning and timing services to users in India as well as region extending up to 1,500 km from its boundary.


**PIRACY**


ReCAAP urges crews for extra vigilance in Sulu-Celebes Sea. Safety 4 Sea. 24 August 2017. Available from: https://www.safety4sea.com/recaap-urges-crews-for-extra-vigilance-in-sulu-celebes-sea/ The Star Lily bulk carrier was sailing at eastbound lane of the Straits of Malacca and Singapore, on 21 August, when the crew sighted four perpetrators armed with machete, boarding the vessel from a craft.

PORT STATE CONTROL


Imposition of conditions of entry for certain vessels arriving to the US from the Federated States of Micronesia. US Federal Register. 21 August 2017. Available from: http://www.gpo.gov/fr2X7pm The Coast Guard announces that it will impose conditions of entry on vessels arriving from the Federated States of Micronesia.


PORTS AND HARBOURS

Frustrated shippers say there’s no end in sight to barge congestion at ports. By Alexander Whiteman. The Loadstar. 27 July 2017. Available from: https://theloadstar.co.uk/frustrated-shippers-say-theres-no-end-sight-barge-congestion-ports/ Shippers say they feel powerless over the barge congestion crisis in northern Europe – one believing there may be no early solution.


Shore power project completed: Cruise ships can now be powered by electricity at the Port of Montreal. *Port of Montreal*. 11 August 2017. Available from: [http://www.port-montreal.com/en/shore-power-en.html](http://www.port-montreal.com/en/shore-power-en.html) The Montreal Port Authority (MPA) is pleased to announce that its shore power project has been completed and that vessels docking at the Port of Montreal's new cruise terminal can now be powered by electricity.

Singapore geared up to keep its spot as major port. By Jacqueline Woo. *Straits Times*. 21 August 2017. Available from: [http://www.straitstimes.com/business/spore geared up to keep its spot as major port](http://www.straitstimes.com/business/spore geared up to keep its spot as major port) Work is well under way to secure Singapore's future as a key port of call - most prominently in the form of the new Tuas mega port.


**ABB technology to enable shore to ship power supply at Canada's largest port.** 22 August 2017. Available from: [http://new.abb.com/news/detail/1960/abb-technology-to-enable-shore-to-ship-power-supply-at-canadas-largest-port](http://new.abb.com/news/detail/1960/abb-technology-to-enable-shore-to-ship-power-supply-at-canadas-largest-port) ABB has been awarded a contract by the Vancouver Fraser Port Authority to provide a technology solution that will enable power to be supplied from shore to the Global Container Terminal (GCT) Deltaport.

**Sealntel: Here are the winning ports with the new alliances. By Søren Pico.** *ShippingWatch.* 28 August 2017. Available from: [http://shippingwatch.com/carriers/Tanker/article9822209.ece](http://shippingwatch.com/carriers/Tanker/article9822209.ece) There are both winners and losers among the European and Asian ports after the new container alliances on Asia-Europe emerged, according to Sealntel in its latest publication.


**UPDATE: Coast Guard, partners updates port conditions in effective Hurricane Harvey areas.** *United States Coast Guard.* 29 August 2017. Available from: [https://content.govdelivery.com/accounts/USDHSCG/bulletins/1b3d57a](https://content.govdelivery.com/accounts/USDHSCG/bulletins/1b3d57a) The Coast Guard along with the U.S. Army Corps of Engineers and the Texas General Land Office have the current port conditions set within the effected areas of Hurricane Harvey and surrounding areas of the Gulf of Mexico, Tuesday.

**Squaring up for port competition.** *Straits Times.* 29 August 2017. Available from: [http://www.straitstimes.com/opinion/st-editorial/squaring-up-for-port-competition](http://www.straitstimes.com/opinion/st-editorial/squaring-up-for-port-competition) A navigational record set this month by a Russian tanker taking the Arctic route portends a shipping future that will be characterised by more options than are now available.

**China's war on smog shakes up ports; Tianjin loses, rivals benefit. By Josephine Mason and Meng Meng.** *Reuters.* 30 August 2017. Available from: [https://www.reuters.com/article/us-china-coal-port-idUSKCN1BA1DB](https://www.reuters.com/article/us-china-coal-port-idUSKCN1BA1DB) China's war on smog is shaking up the country's busiest ports, which handle billions of tonnes of cargo a year, forcing Tianjin to overhaul its business as northern rivals snare a greater share of vast coal and iron ore shipments, results show.
RECYCLING OF SHIPS

Shipbreaking is a vital industry, but environmental reform is needed.


Alang Yards Receive Ultimatum to Improve Facilities. World Maritime News. 1 August 2017. Available from: http://worldmaritimeneews.com/archives/226338/alang-yards-receive-ultimatum-to-improve-facilities/ India's Gujarat Maritime Board (GMB) has issued an ultimatum to Alang yards that have yet to modernize and improve their facilities under the guidelines laid out in the Hong Kong Convention (HKC) for ship recycling.

REGULATIONS

SEA|LNG calls for compliance and enforcement commitment as 2020 sulphur cap looms. Sea|LNG. 3 August 2017. Available from: http://sea-lng.org/sea-lng-calls-compliance-enforcement-commitment-2020-sulphur-cap-looms/ SEA|LNG, the multi-sector industry coalition working to facilitate and accelerate the widespread adoption of liquefied natural gas (LNG) as a marine fuel, today urged the industry as a whole to redouble its commitment to compliance with, and enforcement of, IMO Marpol VI Regulations.


2020 Regs Make LNG Bunkers "Most Effective Global Solution" for Future Vessels: Sovcomflot. Ship & Bunker. 3 August 2017. Available from: https://shipandbunker.com/news/world/347269-2020-regs-make-lng-bunkers-most-effective-global-solution-for-future-vessels-sovcomflot With the global sulfur cap on marine fuel set to fall to 0.50 percent in 2020, PAO Sovcomflot (SCF Group) says the most effective global solution for future vessels to comply with the new rules is to switch to using liquefied natural gas (LNG) bunkers, the Russian tanker owner has told Ship & Bunker.

Shell mulls German refinery upgrade to meet 2020 IMO sulphur rules. By Ahmad Ghaddar. Reuters. 4 August 2017. Available from: https://www.reuters.com/article/us-shell-refinery-idUSKBN1AK1PB Royal Dutch Shell is considering expanding the capacity of one of its German refineries to make oil products that meet an upcoming cap on the sulphur content of fuels used in shipping.


New low-sulfur requirements for marine bunker fuels causing scramble. 

**SALVAGE**

Fuel Removal from Grounded *Kea Trader* Could Be Completed Next Week. World Maritime News. 2 August 2017. Available from: http://worldmaritimewnews.com/archives/226430/fuel-removal-from-grounded-kea-trader-could-be-completed-next-week/ Twenty-one days after the grounding of *Kea Trader* on a reef off New Caledonia, the removal of heavy fuel oil from the 2017-built containership is now underway and could be completed next week, Lomar Shipping, the ship’s owner, informed.

Fuel removal from stranded Lomar boxship completed. By Jason Jiang. Splash 24/7. 11 August 2017. Available from: http://splash247.com/fuel-removal-stranded-lomar-boxship-completed/ Work to extract 750 tonnes of heavy fuel oil from Lomar Shipping’s stranded container ship *Kea Trader* has been completed and efforts are already underway to remove containers from the vessel.

Lost crew of 18th Century Dutch treasure ship found off coast of Kent. By Sarah Knapton. The Telegraph. 18 August 2017. Available from: http://www.telegraph.co.uk/science/2017/08/17/lost-crew-18th-century-dutch-treasure-ship-found-coast-kent/ The lost crew of an 18th century Dutch merchant ship has been found by marine archaeologists who were racing against time to preserve the wreck before it is destroyed forever by an invasive sea worm.

**SEAFARERS**


Maritime workers to confront shipping companies over MLC 2006 non-implementation. Nigerian Tribune. 3 August 2017. Available from: http://tribuneonlineng.com/maritime-workers-confront-shipping-companies-mlc-2006-non-implementation/ The Maritime Workers Union of Nigeria (MWUN) and its senior staff counterpart, the Nigeria Merchant Navy Officers and Water Transport Senior Staff Association, have emphasised the need to tackle non-compliance of ship owners to the Maritime Labour Convention (MLC 2006) and the existence of fake manning agents in Nigeria.

*Malaviya Seven: Families suffer as sailors stuck in Scotland*. By Dan Vevers. *STV News (Scotland)*. 10 August 2017. Available from: https://stv.tv/news/features/1395412-malaviya-seven-how-crew-was-stranded-for-months-without-pay/ He is one of a dozen men who have been marooned aboard the supply ship *Malaviya Seven* in Aberdeen since October.

*Stranded Aberdeen harbour crew tell of life on board ship*. *BBC News*. 10 August 2017. Available from: http://www.goo.gl/LPqcBth The crew of a ship detained in Aberdeen harbour, for more than a year, have been speaking about life on board.

*Interview: Do Seafarers Really Matter?* *World Maritime News*. 14 August 2017. Available from: http://worldmaritimene... Interview with Katie Higginbottom, ITF - However, seafarers across the globe still face various challenges when they venture out to sea ranging from poor communication provision, including lack of internet connection, continuous stress, fatigue, long working hours, and isolation.

*BD to seek IMO help for employing more seafarers*. By Mehdi Musharraf Bhuiyan. *Financial Express (Bangladesh)*. 16 August 2017. Available from: http://print.thefinancialexpress-bd.com/2017/08/16/180745 Bangladesh is set to make a strong case for tapping global job markets for its mariners during the upcoming visit of the Secretary General of International Maritime Organisation (IMO) later this month, according to Shipping Ministry sources.

*Over 1,300 seafarers abandoned in five years*. *World Maritime News*. 22 August 2017. Available from: http://worldmaritimene... Over the last five years, 12 to 19 crew abandonment incidents were reported annually and 1,013 seafarers were involved in total, the International Labour Organization (ILO) told World Maritime News.


*Suicide at Sea - Special Maritime OB*. *BBC World Service*. 25 August 2017. Available from: http://www.bbc.co.uk/programmes/w172vzhzw4y02k7r Dan Damon reports live from Southampton docks in southern England on the rising rates of mental health issues and suicides amongst people working at sea and on the threats of piracy to mariners in this globally vital but sometimes under reported industry.

*Why has the threat of Somali piracy lessened?* *BBC World Service*. 25 August 2017. Available from: http://www.bbc.co.uk/programmes/p05d9cxt Somali piracy was a big threat to seafarers before 2011, but that threat has diminished in recent years. Dan Damon spoke to Jamal Osman, a freelance Somali journalist who knows pirates better than most.


**Libya says detained Filipino seafarers being treated well.** *Republic of the Philippines Department of Foreign Affairs*. 30 August 2017. Available from: [https://dfa.gov.ph/newsroom/dfa-releasesupdate/13765](https://dfa.gov.ph/newsroom/dfa-releasesupdate/13765) Libyan authorities have assured the Philippine Embassy in Tripoli the 20 Filipino seafarers who were taken into custody on Sunday are in good condition and are being treated well.


**Fishing ship crew supported in Kenya.** *Apostleship of the Sea (AoS)*. 31 August 2017. Available from: [http://www.apostleshipofthesea.org.uk/fishing-ship-crew-supported-kenya](http://www.apostleshipofthesea.org.uk/fishing-ship-crew-supported-kenya) Apostleship of the Sea (AoS) Mombasa Coordinator George Sunguh has spoken about how he provided spiritual support to the crew of a fishing vessel who were not paid their wages, denied shore leave and had to endure poor living conditions on board ever since their ship was detained at the port more than two years ago.

**Peterhead FC to host stranded Malaviya Seven sailors.** *BBC News*. 30 August 2017. Available from: [http://www.bbc.co.uk/news/uk-scotland-north-east-orkney-shetland-41095020](http://www.bbc.co.uk/news/uk-scotland-north-east-orkney-shetland-41095020) The *Malaviya Seven* was detained in June last year as crew members had not been paid.

**Ship detained in Gloucestershire after officials find conditions 'close to modern day slavery'.** *SouthWest Business (UK)*. 31 August 2017. Available from: [http://www.gov.gi/9myiyQh](http://www.gov.gi/9myiyQh) Concerned officials have detained a troubled ship in Gloucestershire after its crew were living off sea water and out of date food.
SEARCH AND RESCUE


German NGO halts migrant rescue operations off Libya. The Local (Germany). 13 August 2017. Available from: https://www.thelocal.de/20170813/german-ngo-halts-migrant-rescue-operations-off-libya The German aid group Sea Eye on Sunday said it was suspending its migrant rescue operations in the Mediterranean, citing security concerns after Libya barred foreign vessels from a stretch of water off its coast.

Australian agency believes it can locate MH370 with 'unprecedented precision'. By Tom Westcott and Rozanna Latiff. Reuters. 16 August 2017. Available from: http://www.reuters.com/article/us-malaysia-airlines-mh-idUSKCN1AW0HW Australia’s main scientific agency said on Wednesday it believed with "unprecedented precision and certainty" that a missing Malaysia Airlines aircraft crashed into the sea northeast of an area scoured in a fruitless two-year underwater search.

Coast Guard reintroduces shipboard diving capabilities to Arctic. US Coast Guard. 10 August 2017. Available from: https://content.govdelivery.com/accounts/USDHSCG/bulletins/1b01586 U.S. Coast Guardsmen and U.S. Navy sailors conducted shipboard dive operations from a Coast Guard cutter in the Arctic July 29 for the first time since two Coast Guard divers perished in a subsurface accident almost 11 years ago.

Joint Coast Guard-Navy dive team conduct cold water ice dives in the Arctic. Defense Video Imagery Distribution System (DVIDS). 1 August 2017. Available from: https://www.dvidshub.net/video/542790/joint-coast-guard-navy-dive-team-conduct-cold-water-ice-dives-arctic A joint Coast Guard-Navy dive team, deployed to the Coast Guard Cutter Healy, dives in the Arctic during the Healy’s 2017 Arctic deployment.


Life-savers MOAS vow to continue mission at sea, three years on. By Matthew Vella. Malta Today. 22 August 2017. Available from: http://www.maltatoday.com.mt/news/national/79930/lifesavers_moas_vow_to_continue_mission_at_sea_three_years_on Three years have passed since the 30 August 2014, when the brainchild of an Italo-American philanthropist couple was pioneered right here from Malta: the Migrant Offshore Aid Station (MOAS) went on to effect its first rescue of a group of migrants and refugees in the Mediterranean.

**SHIPBUILDING AND SHIPREPAIR**


**SHIPPING**


Social media increasingly driving the shipping news agenda. **By Sam Chambers.**


SSA's Poulsson rouses cross-industry effort over low sulphur fuel. **By Abdul Hadhi.**

*Lloyd's List.* 1 August 2017. Available from: [https://lloydslist.maritimeintelligence.informa.com/LL110678/SSAs-Poulsson-rouses-cross-industry-effort-over-low-sulphur-fuel](https://lloydslist.maritimeintelligence.informa.com/LL110678/SSAs-Poulsson-rouses-cross-industry-effort-over-low-sulphur-fuel)  Singapore Shipping Association president Esben Poulsson has called for a co-ordinated effort by the international maritime sector to address key concerns over availability of fuels and equipment, as well as pricing.

Maritime UK calls for public spending on National Maritime Research Centre. **By Helen Kelly.**


Ghana Chamber of shipping to champion interest of shipping industry. **GhanaWeb.**


Korea's 14 container shipping lines to form national partnership. **By Wei Zhe Tan.**

*Lloyd's List.* 4 August 2017. Available from: [https://lloydslist.maritimeintelligence.informa.com/LL110755/Koreas-14-container-shipping-lines-to-form-national-partnership](https://lloydslist.maritimeintelligence.informa.com/LL110755/Koreas-14-container-shipping-lines-to-form-national-partnership)  AMID a slow recovery in the sector, South Korea's container shipping companies are banding together to present a united front in the face of an increasingly competitive global market and in light of Hanjin Shipping's demise.


The Arctic’s fabled passage is opening up. This is what it looks like. By Chris Mooney. *Washington Post*. 7 August 2017. Available from: [https://www.washingtonpost.com/news/energy-environment/wp/2017/08/07/the-arctics-fabled-passage-is-opening-up-this-is-what-it-looks-like/](https://www.washingtonpost.com/news/energy-environment/wp/2017/08/07/the-arctics-fabled-passage-is-opening-up-this-is-what-it-looks-like/) The Canadian icebreaker — a ship about as long as a football field — shudders as it makes contact, and then crashes through what appears to be more than five feet of ice, bound for a stretch of ocean the scientists on board have been trying to study for years.


LR joins project to build world's biggest sailing cargo ship. *Lloyd's Register.*
LR has joined the Quadriga sustainable shipping project – an initiative from Hamburg-based Sailing Cargo, which aims to build the world's biggest sailing cargo ship.

Cloud-technology introduced Cloud Fleet Manager as it recognised that sustainable competitive advantage in the future could among other things be achieved with the use of modern and intuitive software.

The 50 Years of Victory nuclear-powered icebreaker has set a speed record in the northern route, covering the distance from Murmansk to the North Pole in 79 hours.

A six-member all-woman team of the Indian Navy will set sail in early September to circumnavigate the globe on the sailing vessel, *INSV Tarini.*

Dedicated sustainability site features new 2016 sustainability report detailing key initiatives and progress from the company and its 10 brands, furthering its strong commitment to corporate responsibility. [Sustainability from Ship to Shore - Report](https://www.maritime-executive.com/editorials/the-end-of-container-shipping-a-thought-experiment)

With the enthusiastic and inevitable march of so called "FinTech" we are increasingly exposed to new 'concept terms' which are predicted to permanently settle into our daily vocabulary.

About 10 days ago, a cargo ship caught in rough swells off the Brazilian coast lost 45 shipping containers.

What could happen in the future that would either completely wipe out the shipping industry as we know it… or massively disrupt it?

Blockchain initiative 300cubits has created a new type of cryptocurrency to solve liner shipping's US$23bn "booking shortfall" conundrum.


A rich tapestry: LNG projects and the LNG carrier fleet. By Karl Williams. *Clarksons Research Shipping Intelligence Network*. 18 August 2017. Available from: [https://sin.clarksons.net/features/details/49496](https://sin.clarksons.net/features/details/49496) The development of the global merchant fleet is affected by a very broad range of interwoven supply and demand factors, including shipping and commodity cycles, investor sentiment, regulatory concerns, yard capacity and so on.

Warming Arctic spurs battles for riches, shipping routes. By Frank Jordans. *Associated Press (AP)*. 23 August 2017. Available from: [https://www.apnews.com/b5c7212832c54eb497db3e3fc82436dde](https://www.apnews.com/b5c7212832c54eb497db3e3fc82436dde) From a distance, the northern shores of Baffin Island in the Arctic appear barren — a craggy world of snow-capped peaks and glaciers surrounded by a sea of floating ice even in the midst of summer.


**Christophe de Margerie LNG tanker covers Northern Sea Route in record 6.5 days.** *TASS Russian News Agency.* 22 August 2017. Available from: [http://tass.com/economy/961438](http://tass.com/economy/961438) The Christophe de Margerie tanker built for transportation of liquefied natural gas (LNG) as part of the Yamal-LNG project, has completed the first commercial trip covering the Northern Sea Route in a record time of 6.5 days, the press service of Russia’s largest shipping company Sovcomflot reported.

**Verifavia Shipping first independent verifier to provide IMO DCS Verification Services.** *Verifavia Shipping.* 24 August 2017. Available from: [http://www.goo.gl/2biAuyh](http://www.goo.gl/2biAuyh) Verifavia, the world’s leading emissions verification company for the transport sector (aviation and shipping), announced today that it has signed a strategic cooperation agreement with the Liberian Registry to conduct IMO DCS and EU MRV verification services for Liberian-flagged vessels.

**Women bring reality to London Shipping Week.** *All About Shipping.* 24 August 2017. Available from: [http://www.allaboutshipping.co.uk/2017/08/24/women-bring-reality-to-london-shipping-week/](http://www.allaboutshipping.co.uk/2017/08/24/women-bring-reality-to-london-shipping-week/) Expert speakers from the maritime, shipping and logistics world including cargo owners will take on the issues and lead the debates in a conference organised by WISTA UK – the founding country of WISTA (Women’s International Shipping & Trading Association) an international organisation for women in management positions involved in the maritime sector and related trades worldwide.


**Energising the shipbuilding industry.** By Md Shakhawat Hossain, General Secretary, Association of Export Oriented Shipbuilding Industry of Bangladesh. *Financial Express (Bangladesh).* 22 August 2017. Available from: [http://www.thefinancialexpress-bd.com/2017/08/22/80435](http://www.thefinancialexpress-bd.com/2017/08/22/80435) Shipbuilding has in recent years emerged in Bangladesh as a significant means of export diversification.

**ABP and Flogas join forces to bunker ships with LNG in UK first.** *Associated British Ports (ABP).* 24 August 2017. Available from: [http://www.abports.co.uk/newsarticle/495/](http://www.abports.co.uk/newsarticle/495/) Flogas Britain has partnered with Associated British Ports (ABP) to bunker a ship with liquefied natural gas (LNG) for the first time ever in the UK.

**Singapore and Japan deepen cooperation through joint feasibility study for liquefied natural gas (LNG)-fuelled car carriers.** *Maritime and Port Authority of Singapore (MPA).* 28 August 2017. Available from: [http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/5fa28987-8da4-40b9-b7ac-8bdf474240f3](http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/5fa28987-8da4-40b9-b7ac-8bdf474240f3) To promote LNG bunkering in Asia, the Maritime and Port Authority of Singapore (MPA) and the Ports and Harbours Bureau of the Ministry of Land, Infrastructure, Transport, and Tourism of Japan (MLIT) will helm a working group to conduct a feasibility study on LNG bunkering for car carriers plying between Japan and Singapore.


Methanol fuel cell-powered passenger vessel put into operation in Germany. Ship & Bunker. 29 August 2017. Available from: https://shipandbunker.com/news/emea/315877 Innogy SE (innogy) has announced that the excursion vessel MS innogy – said to be the first ship in Germany to be powered by an "environmentally friendly" methanol fuel cell – has been put into operation on Lake Baldeney in the City of Essen.

Greek shipowners would consider relocating to London, says study. UK Chamber of Shipping. 29 August 2017. Available from: https://www.ukchamberofshipping.com/latest/greek-shipowners-would-consider-relocating-london-says-study/ More than half of Greek shipowners would consider relocating their shipmanagement offices out of Greece, according to a new Ernst & Young (EY) study, which cited London as a favoured destination.

Re-positioning Greece as a global maritime capital. Ernst & Young (EY). August 2017. Available from: https://www.ukchamberofshipping.com/documents/795 The shipping industry is by far the most extrovert sector of the national economy, a leading global player, and a major source of income, wealth and prestige for Greece.

RESEARCH


**Petroleum dynamics in the sea and influence of subsea dispersant injection during Deepwater Horizon. By J. Gros, S. A. Socolofsky et al.  *Proceedings of the National Academy of Sciences*. (2017). Available from: http://www.pnas.org/content/early/2017/08/23/1612518114.abstract**  During the Deepwater Horizon disaster, a substantial fraction of the 600,000–900,000 tons of released petroleum liquid and natural gas became entrapped below the sea surface, but the quantity entrapped and the sequestration mechanisms have remained unclear.

**The activity-based methodology to assess ship emissions - A review. By R. A. O. Nunes, M. C. M. Alvim-Ferraz et al.  *Environmental Pollution*. (2017). Available from: http://www.sciencedirect.com/science/article/pii/S0269749117307650**  Several studies tried to estimate atmospheric emissions with origin in the maritime sector, concluding that it contributed to the global anthropogenic emissions through the emission of pollutants that have a strong impact on hu’ health and also on climate change.