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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WHAT’S NEW

World Maritime Day 2017 - Connecting Ships, Ports and People

The maritime sector, which includes shipping, ports and the people that operate them, can and should play a significant role helping Member States to create conditions for increased employment, prosperity and stability ashore through promoting trade by sea; enhancing the port and maritime sector as wealth creators both on land; and through developing a sustainable blue economy at sea. This is the key message being shared around the world today (28 September), as IMO and the global maritime community celebrates the annual World Maritime Day... Full Story

Global treaty to halt invasive aquatic species enters into force (8 September 2017)

The International Convention for the Control and Management of Ships' Ballast Water and Sediments (BWM Convention) requires ships to manage their ballast water to remove, render harmless, or avoid the uptake or discharge of aquatic organisms and pathogens within ballast water and sediments. Full Story Infographic A short film

Frequently-asked questions

IMO MEETINGS FOR 2017


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

IMO PRESS BRIEFINGS

A maritime treaty is adopted or amended – what happens next?
Briefing: 24, September 28, 2017

New warning on hazards of carrying bauxite by ship
Briefing: 22, September 15, 2017

IMO NEWS MAGAZINE (Autumn 2017)

IMO PUBLISHING Just Published: 2017 September 2017 Newsletter

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Sub-Committee on Implementation of IMO Instruments (III) 4th session 25 – 29 September 2017 (Opening address)
UNITED NATIONS NEWS


One year on, UN officials take stock of efforts to address large movements of refugees, migrants. UN News Centre. 20 September 2017. Available from: http://www.un.org/apps/news/story.asp?NewsID=57590 United Nations officials today highlighted the need to continue working together towards more equitable ways to share the responsibility for refugees, as well as achieve safe and orderly migration, at an event to take stock one year after the international community agreed to find solutions to better manage human mobility.

Cluster of extreme weather events leave no doubt climate change is real, Caribbean nations tell UN. UN News Centre. 23 September 2017. Available from: http://www.un.org/apps/news/story.asp?NewsID=57720 The Minister for Foreign Affairs of Trinidad and Tobago, echoing other senior government officials today and throughout the General Assembly’s annual general debate, questioned how, after the spate of recent catastrophic events in the Caribbean, South Asia and elsewhere, one could deny that “climate change is real, and it is upon us.”

'Time to stamp out human trafficking,' says Guterres; UN pledges action to eradicate 'heinous crime'.' UN News Centre. 27 September 2017. Available from: http://www.un.org/apps/news/story.asp?NewsID=57752 With tens of millions of human trafficking victims worldwide, "now is the time to stand together and stamp out this abominable practice," Secretary-General António Guterres today told a high-level meeting at which Member States adopted a political Declaration reaffirming their commitment to implement a United Nations action plan to end the scourge.

CASUALTIES

Marine accident report on MÆRSK BATTLER's loss of tow and the foundering of MÆRSK SEARCHER and MÆRSK SHIPPER. Danish Maritime Authority. 30 August 2017. Available from: http://www.goo.gl/kGWVJJ On the night between 21 and 22 December 2016, the Danish offshore supply ships MÆRSK SEARCHER and MÆRSK SHIPPER capsized and sank in the Bay of Biscay approximately 65 nm off the French coast while being towed by another offshore supply ship, MÆRSK BATTLER, en route to Aliaga, Turkey.


Inspector fired just a few months prior to Maersk wreck. By Niklas Krigslund. ShippingWatch. 5 September 2017. Available from: http://shippingwatch.com/secure/Offshore/article9842489.ece A round of layoffs came in the way when Maersk Supply Service was preparing to tow two vessels which ultimately wound up sinking en route to being scrapped last year.


Five Killed in Shipyard Fire in Batam, Indonesia. gCaptain. 11 September 2017. Available from: http://gcaptain.com/five-killed-shipyard-fire-batam-indonesia/ A fire aboard a tanker that was undergoing repairs at ASL Marine's shipyard in Batam, Indonesia killed five people and injured one last Thursday, the shipbuilder has confirmed.
Collision of TANKER KARTIKA SEGARA and DREDGER JBB DE RONG 19 in Singapore Waters. Maritime and Port Authority of Singapore (MPA). 13 September 2017. Available from: http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/320bce96-f47f-4072-923a-744d180a526f On 13 September 2017, at about 12.40am (Singapore time), the Maritime and Port Authority of Singapore (MPA) was notified of a collision between an Indonesian-registered tanker KARTIKA SEGARA and a Dominican-registered dredger JBB DE RONG 19 in Singapore territorial waters, about 1.7 nautical miles south-west of Sisters Island.

Update 1 - Collision of TANKER KARTIKA SEGARA and DREDGER BB DE RONG 19. Maritime and Port Authority of Singapore (MPA). 13 September 2017. Available from: http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/9a80848b-cb84-4b5e-9e73-ae5090468e45 As of 4pm (Singapore time), divers have recovered two bodies out of the five missing crew of JBB DE RONG 19, following the collision between Indonesian-registered tanker KARTIKA SEGARA and Dominican-registered dredger JBB DE RONG 19 that occurred in Singapore territorial waters at about 12.40am (Singapore time) on 13 September 2017.


Island mayor threatens suit as oil spill spreads. Ekathimerini (Greece). 12 September 2017. Available from: http://www.ekathimerini.com/221600/article/ekathimerini/news/island-mayor-threatens-suit-as-oil-spill-spreads Clean-up crews were scrambling Tuesday to contain the spread of an oil slick on the island of Salamina, near Athens, caused by a small tanker that sank over the weekend in the Saronic Gulf.


Update 2 - Collision of TANKER KARTIKA SEGARA and DREDGER JBB DE RONG 19. Maritime and Port Authority of Singapore (MPA). 14 September 2017. Available from: http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/fd66a3d1-28ec-48a4-8872-c206ea59ad6f As of 6pm (Singapore time), multi-agencies search and rescue (SAR) efforts to locate the remaining three missing crew of Dominican-registered dredger JBB DE RONG 19 are still ongoing. The dredger had collided with Indonesian-registered tanker KARTIKA SEGARA in Singapore territorial waters at about 12.40am (Singapore time) on 13 September 2017, despite collision warnings issued by the Maritime and Port Authority of Singapore (MPA).

Chemical leak onboard boxship at Keelung. By Jason Jiang. Splash 24/7. 18 September 2017. Available from: http://splash247.com/chemical-leak-onboard-boxship-keelung/ Fujian Orient Shipping feeder containership Dong Fang Fu suffered a chemical leak while it was berthing at Taiwan's Keelung Port on Friday.

Cape Town ferry incident under investigation: SAMSA. South African Maritime Safety Authority (SAMSA). 16 September 2017. Available from: https://blog.samsa.org.za/2017/09/16/cape-town-ferry-incident-under-investigation-samsa/ An investigation is underway to determine the cause of the incident involving a tourists cruise ferry in Cape Town from which about 60 people had to be rescued after it got into trouble off Robben Island on Friday, the South African Maritime Safety Authority (SAMSA) has confirmed.


International code of conduct needed for casualty investigation, IUMI told. By David Osler. Lloyd's List. 18 September 2017. Available from: https://lloydslist.maritimeintelligence.informa.com/LL111480/International-code-of-conduct-needed-for-casualty-investigation-IUMI-told An internationally agreed code of conduct is needed to govern casualty investigations, the International Union of Marine Insurance has been told.


Shipping needs to share more information on accidents. By Helix PR Valerie Lim. 
It's usually a split second decision; you share a post with your followers because you think it is useful/funny/interesting to them.

Speculation intensified on Wednesday about the activities of fuel smuggling rackets in Greece following the arrest of the captain and first engineer of a vessel helping to clean up the oil spill from the sunken *Agia Zoni II* tanker.

Following the diesel extraction operation, the officials are now looking to remove the vessel from its grounding spot, where it got stuck in the morning hours of September 23.

Video animation: Route of Greek tanker shown before sinking, spilling oil.  
An oil spill has prompted tricky questions for the Greek central government after tonnes of oil from a sunken tanker turned 40km of Athens' beaches black and prevented bathers and fishermen from using the coastal waters.

The decision was made following the recent damage assessments that have shown that the 2,194-TEU ship cannot be repaired.

**ENVIRONMENT**

Blue Pacific – the Pacific's commitment to the global Agenda 2030. By Lizbeth Cullity, UN Resident Coordinator, UNDP Resident Representative. *Samoa Observer.*  
I am delighted to be invited to speak about the Sustainable Development Goals and the Pacific's commitment to a Blue Economy at this Regional Media Workshop.

Noise from ships, cargo vessels and trawlers is likely to be one of the main reasons behind the increasing casualties of marine mammals, a study has revealed.

Could whale protocols effective in other areas help the Gulf of St. Lawrence?  
Since mid-August all vessels must adhere to a 10-knot restriction across a huge zone that stretches from Québec's north shore to just north of Prince Edward Island.

And one way Pacific nations can help address this is the Cape Town Agreement on the Safety of Fishing Vessels, 2012.


Chile welcomed the largest global meeting on ocean and coastal conservation, the International Marine Protected Areas Congress, IMPAC 4, 2017. 4th International Marine Protected Areas Congress (IMPAC4). 5 September 2017. Available from: http://www.impac4.org/en/chile-welcomed-the-largest-global-meeting-on-ocean-and-coastal-conservation-the-international-marine-protected-areas-congress-impac-4-2017/ With a packed auditorium and a wide presence of representatives from over 80 countries worldwide, including the United States, Australia and France, as well as small islands like The Seychelles and The Maldives, the 4th International Marine Protected Areas Congress IMPAC4 begun at the Enjoy Hotel in Coquimbo, Chile.


Shaping the Next Major UN Climate Science Report: IPCC Agrees Outlines of Sixth Assessment. United Nations Framework Convention on Climate Change (UNFCCC). 11 September 2017. Available from: http://newsroom.unfccc.int/unfccc-newsroom/ipcc-agrees-outlines-of-sixth-assessment-report/ At a Session of the Panel in Montreal, Canada, the IPCC agreed the outlines of the three working group contributions to AR6, which will all be delivered in 2021.

The Forty-Eighth Pacific Islands Forum was held in Apia, Samoa from 5 – 8 September 2017 and was attended by Heads of States, Governments, and Territories from Australia, Cook Islands, Federated States of Micronesia, French Polynesia, Republic of Kiribati, Republic of the Marshall Islands, Republic of Nauru, New Caledonia, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu and Vanuatu.


In response to an annual survey of 63 ships published by German environmental advocacy group Naturschutzbund (NABU) which alleges that the cruise industry has failed to adequately reduce its environmental impact in 2017 or install soot filters as promised, the Cruise Line Industry Association (CLIA) has issued a response that questions the statistics used by NABU.


A new article in the journal Environmental Health Perspectives quantifies the global impact of long-term ozone exposure on respiratory mortality.


Long hailed as a less costly and greener alternative to other means of transporting goods, ships carry close to 90% of the world's trade and are instrumental to the global economy.


A team of researchers is mapping part of Nova Scotia's South Shore coastline in an effort to understand how to protect vulnerable ecosystems if an oil spill ever happened in the province's waters.


Stakeholders in the maritime industry have urged the Federal Government to shift attention to the development of the nation's maritime sector, in its quest for economic diversification.


The Korean Register will now offer Green Award certificate holders a 30 per cent discount on subscriptions to KR CON, its database of International Maritime Organization (IMO) instruments, including conventions, codes, resolutions, and circulars.
CO2 emissions reductions of the shipping – European Shipowners discussing the impact of improved machinery, propulsion, operation and design.  
*European Community Shipowners’ Associations (ECSA). 20 September 2017.*  Available from:  
In the European Shipowners’ seminar on CO2 reductions in the shipping industry one message was clear: in order to achieve CO2 reductions across the world merchant fleet, a combination of different measures is needed.

Dramatic swings in Antarctic sea ice cover pose great danger to cruise ships, experts warn.  
*By Harriet Aird. ABC (Australia). 26 September 2017.*  Available from:  
The distribution of sea ice varies as the seasons change, extending in winter and retreating in warmer months, but this past winter sea ice in Antarctica reached its lowest extent on record.

Mangrove conservation, Kenyan style.  
*United Nations Environment Programme (UNEP). 27 September 2017.*  Available from:  
A project on mangrove conservation and restoration in Gazi Bay on the Kenyan coast is turning heads.

World Bank supports the Eastern Caribbean transition to a Blue Economy.  
*World Bank. 26 September 2017.*  Available from:  
The World Bank approved a US$6.3 million grant to support Eastern Caribbean countries to preserve and strengthen resilience of coastal and marine resources, and implement regional policies to stimulate blue growth.

The Mediterranean Sea: incomparable wealth in steep decline.  
*WWF. 27 September 2017.*  Available from:  
[http://wwf.panda.org/?312450](http://wwf.panda.org/?312450)  
Along its 46,000km coastline, the Mediterranean Sea supports around 150 million people living along its shores.  

Operationalizing the Blue Economy in small states: Lessons from the early movers.  
*By Cyrus Rustomjee. Centre for International Governance Innovation (CIGI). 27 September 2017.*  Available from:  
The blue economy - a concept and framework for economic activity that recognizes and seeks to maximize the potential for economic growth, employment and diversification through the sustainable use of resources from the ocean - has vast economic potential for small states…

Yet another study concludes that global warming is real: This time, it’s a study of rising ocean temperatures.  
*By Bruce Lieberman. Yale Climate Connections. 27 September 2017.*  Available from:  
A new look at historical ocean temperatures confirms what climate models have already said: The ocean - and therefore the world - is heating up.

Inuit will write marine management plan for eastern end of Northwest Passage.  
*By Jackie Dives. Globe and Mail (Canada). 28 September 2017.*  Available from:  
The Inuit of Labrador and the federal government have signed a deal that will see the Inuit use their traditional knowledge to develop a marine-management plan covering more than 380,000 square kilometres of coastal waters on the far eastern end of the Northwest Passage.
ENVIRONMENTAL POLLUTION


Cruise ships showed contempt for customers by breaking clean air pledge, report says. By Naaman Zhou. The Guardian. 5 September 2017. Available from: https://www.theguardian.com/environment/2017/sep/05/cruise-ships-showed-contempt-for-customers-by-breaking-clean-air-pledge-report-says The world's cruise ships have done virtually nothing to reduce their pollution over the past year, with some still emitting as much particulate matter as 1m cars a day, a report says.


U.S. Coast Guard tests new oil spill technology as Arctic waters open up. By Kelsey Lindsey. Arctic Now. 5 September 2017. Available from: http://www.goo.gl/NXQ8kv In late July, the Aqua-Guard Triton RotoX dipped into the icy Beaufort Sea.

Environmental groups call on Arctic cruise industry to reduce pollution in Iceland. By Eilís Quinn. Radio Canada International (RCI). 7 September 2017. Available from: http://www.rcinet.ca/eye-on-the-arctic/2017/09/07/environmental-groups-call-on-arctic-cruise-industry-to-reduce-pollution-iceland-arctic-tourism/ Recent air samples taken in Iceland suggest cruise ships arriving and departing from Reykjavik are negatively affecting air quality, according to environmental groups.


Athenians Swim in Oil Coated Beaches as Pollution Damages Sea-Bed. By Tasos Kokkinidis. Greek Reporter. 18 September 2017. Available from: http://greece.greekreporter.com/2017/09/18/athenians-swim-in-oil-coated-beaches-as-pollution-damages-sea-bed-video/ Despite authorities assuring the people of Greece that the oil spillage caused by the sinking of a tanker last Sunday is gradually being put under control, environmental groups and local authorities in the towns around the Saronic Gulf say that the situation is still critical.


Trends in global CO2 and total greenhouse gas emissions: Summary of the 2017 report. PBL Netherlands Environmental Assessment Agency. 28 September 2017. Available from: http://www.pbl.nl/node/64128 The increase in GHG emissions is mainly due to the rise of non-CO2 emission levels in 2016, which was estimated at around 1%

Greenhouse gas emission levels continued to rise in 2016
FSU researchers receive $2.8M to study fate of BP Oil spill. By Kathleen Haughney.
Florida State University. 28 September 2017. Available from: http://news.fsu.edu/news/science-technology/2017/09/28/fsu-researchers-receive-2-8m-study-fate-bp-oil-spill/ A team of research institutions led by Florida State University has been awarded a $2.8 million grant to expand our understanding of how the 2010 Deepwater Horizon oil spill affected the ecology of the Gulf of Mexico.


HEALTH

Chemicals used in Deepwater Horizon spill are harmful to people, study proves – finally. By Charles Digges. Bellona Foundation. 25 September 2017. Available from: http://bellona.org/news/fossil-fuels/2017-09-chemicals-used-in-deepwater-horizon-spill-are-harmful-to-people-study-proves-finally Last week, the National Institutes of Health in the United States released a report that confirmed people living along the Gulf of Mexico who were very ill, but who for seven years have been told to keep quiet up about it, weren't crazy after all.

HEALTH AND SAFETY

Sleepiness and fatigue are ever-present risks to all on board. Shipowners’ Club. 20 September 2017. Available from: https://www.shipownersclub.com/sleepiness-fatigue-ever-present-risks-board/ The study, ‘Project MARTHA’, has been conducted through an international partnership of researchers and industry professionals over three years with the findings launched at IMO in January 2017.

IMO

ICHCA International to present inaugural John Strang A.O. Memorial Award to International Maritime Organization. International Cargo Handling Coordination Association (ICHCA). 4 September 2017. Available from: http://ichca.com/ichca-international-present-inaugural-john-strang-o-memorial-award-international-maritime-organization The John Strang A.O. Memorial Award was launched by ICHCA International in its 65th year to recognise dedication to the development of the cargo handling industry; achievements that have led to improvements in efficiency, effectiveness, health and safety, as well as the organisation or individual being a catalyst for positive change and innovation within the industry.

"Member states seem to be in denial of their responsibility as polluters". By Niklas Krigslund. ShippingWatch. 14 September 2017. Available from: http://shippingwatch.com/secure/carriers/article9869414.ece The member nations are playing a risky game when they leave responsibility with the IMO to reduce pollution from shipping, says NGO Transport & Environment after the EU Council opposed including shipping in the EU Emissions Trading Scheme.
Call for IMO 'bold vision' on decarbonisation of shipping. By Bob Jaques. 
The International Chamber of Shipping (ICS) has reworked its submission to IMO proposing what form that body's draft initial strategy on reduction of greenhouse gas (GHG) emissions from ships should take.

UN shipping chief hails 'miraculous' progress on CO2 emissions. By Megan Darby. 

IMO Secretary-General Kitack Lim is on a formal visit in Russia. Port News. 18 September 2017. Available from: http://en.portnews.ru/news/245729/ Kitack Lim, Secretary-General of the International Maritime Organization (IMO), is on a formal visit in Russia, where he met the top officials of the Transport Ministry: Maxim Sokolov, Minister of Transport; Victor Olersky, Deputy Minister of Transport – Head of the Federal Marine and River Transport Agency; Vitaly Klyuyev, Director of the Transport Ministry's Department of State Policy for Maritime and River Transport.

IMO Secretary-General Kitack Lim considers Russia to be one of the key players at the IMO. Port News. 20 September 2017. Available from: http://en.portnews.ru/news/245881/ While on the way to London after his first visit to Russia IMO Secretary-General Kitack Lim shared the visit results with IAA PortNews correspondent: During my visit to Russia I had a successful meeting with Transport Minister of the Russian Federation Maxim Sokolov, in the course of which we exchanged opinions and discussed our bilateral relations, the issues Russia and IMO are to deal with.


IMO [Stefan Micallef] clarifies BWMC implementation challenges. Green4Sea. 27 September 2017. Available from: https://www.green4sea.com/imo-clarifies-bwmc-implementation-challenges/ MEPC 71 was a significant milestone for ballast water management, during which many important outcomes were achieved.

Capt. Antonio M. Padrón meets Claus Bihl, CEO of MAERSK TRAINING. All About Shipping. 27 September 2017. Available from: http://www.allaboutshipping.co.uk/2017/09/27/capt-antonio-m-padron-meets-claus-bihl-ceo-of-maersk-training/ Both, the IMO Maritime Ambassador and Mr. Bihl, also held a meeting with H.E. Carlos Alonso, President of the Government of Tenerife and visited the facilities where the Training Center could be located, accompanied by representatives of the Port Authority, University of Tenerife and the Spanish Maritime Safety and Rescue Agency (SASEMAR).

Connecting ships ports and people. By Kitack Lim, Secretary-General, International Maritime Organization. Lloyd's List. 28 September 2017. Available from: https://lloydslist.maritimeintelligence.informa.com/LL111655 Against a background of increasingly complex global challenges, the United Nations has established 17 sustainable development goals which, together, have the potential to transform our world into a better place for us all.
**LAW AND POLICY**

**Two bunker companies lose their license in Singapore.** By Niklas Krigslund. *ShippingWatch*. 1 September 2017. Available from: [http://shippingwatch.com/secure/carriers/Tanker/article9834758.ece](http://shippingwatch.com/secure/carriers/Tanker/article9834758.ece) Two bunker companies have lost their licenses to operate in Singapore, inform local authorities.


**New rules around fishing gear coming to protect right whales: LeBlanc.** By Brett Bundale. *Global News (Canada)*. 30 August 2017. Available from: [http://globalnews.ca/news/3706849/](http://globalnews.ca/news/3706849/) As Canadian officials scramble to determine whether an endangered whale caught in fishing rope off Quebec's Gaspe Peninsula may have freed itself, federal Fisheries and Oceans Minister Dominic LeBlanc is promising a new set of rules around commercial fishing gear to protect the large marine mammals.


EU ministers oppose including shipping in emissions scheme. By Niklas Krigslund. ShippingWatch. 13 September 2017. Available from: http://shippingwatch.com/secure/carriers/article9865627.ece The member states appears to have sided with the shipping industry in the dispute about whether the EU should force shipping to pollute less.

Denmark has fined three carriers for sulfur violations. By Louise Vogdrup-Schmidt. ShippingWatch. 14 September 2017. Available from: http://shippingwatch.com/secure/carriers/article9866055.ece A Faroese, a Dutch, and a Singapore-based carrier are three of the 17 sulfur sinners reported to the police by the Danish Environmental Protection Agency (EPA).

Coast guard leaders from 34 nations gather in Tokyo for inaugural summit. By Reiji Yoshida. Japan Times. 14 September 2017. Available from: https://www.japantimes.co.jp/news/2017/09/14/national/coast-guard-leaders-34-nations-gather-tokyo-inaugural-summit Heads of coast guards from more than 30 countries gathered in Tokyo on Thursday to discuss a wealth of issues, including how to cope with pirates, an increase in the number of boat people, and environmental pollution caused by a massive oil spill at sea.

Transport Canada issues another fine for non-respect of the speed restriction in the Gulf of St. Lawrence. Government of Canada. 14 September 2017. Available from: http://www.goo.gl/UhMPYh On August 11, 2017, Transport Canada took action to help ensure navigational safety and to protect the marine environment, due to the increased presence of whales in the area, by implementing a temporary mandatory slowdown of vessels 20 metres or more to a maximum of 10 knots.

Agia Zoni II clean-up response "disgraceful". By Gary Dixon and Jim Mulrenan. TradeWinds. 18 September 2017. Available from: http://www.tradewindsnews.com/insurance/1348371/agia-zoni-ii-clean-up-response-disgraceful Greek authorities and a UK insurer have come under fire for a clean-up operation described as astonishingly poor following a slick caused by the sinking of the tanker Agia Zoni II.

Sustainable development goals in Philippine maritime industry. By Brenda V. Pimentel. Manila Times. 16 September 2017. Available from: http://www.manilatimes.net/sustainable-development-goals-philippine-maritime-industry/350892/ In September 2015, countries of the world adopted a set of goals to end poverty, protect the planet and ensure prosperity for all which now constitute the new sustainable development agenda.


Slick clean-up ship's certificate expiring. TradeWinds. 19 September 2017. Available from: http://www.tradewindsnews.com/tankers/1349042/slick-clean-up-ships-certificate-expiring Greece needs to replace a tanker being used to pump oil from sunken Agia Zoni II.


Two seafarers arrested as tanker runs aground. By Louise Vogdrup-Schmidt and Niklas Krigslund. *ShippingWatch.* 25 September 2017. Available from: [http://shippingwatch.com/secure/carriers/article9899133.ece](http://shippingwatch.com/secure/carriers/article9899133.ece) Two seafarers have been arrested after a Danish-operated vessel has run aground in Swedish waters.


Philippines vows fair probe after Vietnamese fishermen killed. By Manuel Mogato. Reuters. 25 September 2017. Available from: https://www.reuters.com/article/us-philippines-vietnam-fishing/philippines-vows-fair-probe-after-vietnamese-fishermen-killed-idUSKCN1C00C5 The Philippines has assured Vietnam of a fair and thorough investigation into the deaths of two of its fishermen during a sea chase incident at the weekend, during which warning shots were fired by a navy ship.

Sinking of Greek bunker tanker draws accusations of sabotage, illegal bunkering practices. Ship & Bunker. 26 September 2017. Available from: https://shipandbunker.com/news/world/734606 A new twists following the sinking of bunkering vessel Agia Zoni II earlier this month off the Port of Piraeus, Greece, there are now suggestions that the vessel's sinking may have been the result of a sabotage, and accusations that the vessel may have been involved in illegal bunkering practices, Greek media reports.

Singapore, Indonesia submit final sea border treaty to UN as they celebrate 50th anniversary of ties. Straits Times. 26 September 2017. Available from: http://www.straitstimes.com/asia/se-asia/singapore-indonesia-submit-final-sea-border-treaty-to-un-as-they-celebrate-50th The Foreign Ministers of Singapore and Indonesia on Monday (Sept 25) jointly submitted a treaty that clarifies their sea border in the eastern part of the Strait of Singapore to the United Nations for registration, according to a statement released by the foreign ministries of the two countries.

Transport Canada issues another fine for not respecting the speed restriction in the Gulf of St. Lawrence. Government of Canada. 27 September 2017. Available from: http://www.goo.gl/SXTNwq On August 11, 2017, Transport Canada took action to help ensure navigational safety and to protect the marine environment, due to the increased presence of whales in the area, by implementing a temporary mandatory slow down of vessels 20 metres or more to a maximum of 10 knots.

It was the whole African continent that won at the ITLOS. By Cameron Duodu. GhanaWeb. 28 September 2017. Available from: https://www.ghanaweb.com/GhanaHomePage/features/It-was-the-whole-African-continent-that-won-at-the-ITLOS-585820 Ghana and Côte d'Ivoire have jointly agreed to abide by the decision of the International Tribunal for the Law of the Sea (ITLOS).

UN's Clean Development Mechanism is important for Paris Goals. United Nations Framework Convention on Climate Change (UNFCCC). 28 September 2017. Available from: http://newsroom.unfccc.int/unfccc-newsroom/forum-calls-for-clarity-on-future-of-clean-development-mechanism-under-paris-agreement/ The UN's Clean Development Mechanism (CDM) should continue to spur emission reductions and sustainable development, on the ground, to help countries under the Paris Climate Change Agreement, companies, organizations and individuals meet their climate goals.
Norwegian company agrees to plead guilty to price fixing on ocean shipping services for cars and trucks. *US Department of Justice.* 27 September 2017. Available from: https://www.justice.gov/opa/pr/norwegian-company-agrees-plead-guilty-price-fixing-ocean-shipping-services-cars-and-trucks A Norwegian corporation has agreed to plead guilty and pay a $21 million criminal fine for its involvement in a conspiracy to fix prices, allocate customers, and rig bids, the Department of Justice announced today.

**MARINE TECHNOLOGY**

Wärtsilä successfully tests remote control ship operating capability. *Wärtsilä Corporation.* 1 September 2017. Available from: https://www.wartsila.com/media/news/01-09-2017-wartsila-successfully-tests-remote-control-ship-operating-capability The technology group Wärtsilä has taken a further important step towards developing its Smart Marine capabilities by successfully testing the remote control of ship operations. Video 🎥


New report examines future of autonomous maritime systems. Lloyd’s Register. 
Maritime activity over the next decade will be dominated by unmanned surface and underwater vessels, according to a report on the future of autonomous maritime systems launched today.

New RFID Tags target tracking in container shipping. Port Technology International. 
Xerafy has added new additions to its Trak Series that are more versatile and accommodate multiple attachment methods for more applications.

SUMO (Search for Unidentified Marine Objects) automatically scans large numbers of satellite images for the presence of ships.

**MARITIME SAFETY**

CTF151 conducts safety of life at sea for second time this year. Combined Maritime Forces. 
Republic of Korea Navy warship ROKS Dae Jo Yeong, working for Combined Task Force (CTF) 151, came to the aid of a Somalia flagged fishing boat named Gamur in the Gulf of Aden on 28 August.

The maritime authorities of the Memorandum of Understanding on Port State Control for West and Central African regions (Abuja MoU) have kicked off what it called "Concentrated Inspection Campaign (CIC) on Safety of Navigation in its areas of jurisdiction.

Pioneering deal sets SOLAS VGM compliance example. Port Technology International. 
The load measurement system specialist’s contract with Kalmar, a reach stacker original equipment manufacturer (OEM), has tapped into a market estimated to reach US$ 3.95 billion by 2022.

One in five pilot transfers deemed unsafe. By Sam Chambers. Splash 24/7. 
Fidra Films, the UK production company behind the recent Be Cyber Aware At Sea campaign, is turning its attention to the dangers faced by pilots on a daily basis for its next movie project.

Rear Adm. John Nadeau, assistant commandant for prevention, gives keynote at International Safety @ Sea Conference. US Coast Guard Maritime Commons. 
Nadeau’s keynote address August 22 kicked off a week of activity that included the inaugural ‘Community of Practice’ Forum, where 23 different maritime administrations, classification societies and NGOs focused on the topic of ferry safety.

The most important ingredient for a successful man overboard (MOB) recovery operation is early detection.


Revd Andrew Wright talks about 'The Missions to Seafarers' new partnership with a protective clothing brand to highlight the importance of effective cold-weather clothing for seafarers dealing with tough environmental conditions.


For Cruise Lines International Association (CLIA) and its Cruise Line Members, the safety of passengers and crew is the top priority and fundamental to cruise ship operations.


BIMCO has developed new guidance for seafarers on the safe launching and recovery of lifeboats using fall preventer devices (FPDs), to reduce the number of seafarer fatalities and injuries. Avoid Life Boat Accidents: A guide to safe launching and recovery by using fall preventer devices.


In a joint project, leading international classification society Bureau Veritas and TMC Marine, a Bureau Veritas Group Company since 2016, have cooperated again with the London P&I Club to produce the second booklet in a series on loss prevention issues.


IUMI published today - Tuesday 19 September - a position paper calling for better on board firefighting systems for container vessels. IUMI Position Paper: Firefighting systems on board container vessels.


Following this year's pair of deadly collisions between U.S. guided missile destroyers and merchant ships, the Navy is now considering whether it's surface fleet is often too stealthy.

Call for Packing Code's adoption and enforcement. Global Shippers’ Forum. 25 September 2017. Available from: https://globalshippersforum.com/media/call-for-packing-code-s-adoption-and-enforcement/ Coalition of leading cargo industry organisations representing the full breadth of the global supply chain is maintaining its campaign for safer practices in packing freight containers and other cargo transport units (CTUs).

Dangerous situations can arise because of the weight of cargo and the way in which goods are packed.

MARITIME SECURITY

The floating computer and inherent cyber risks at sea. By John Boles and James Bickley, Navigant Consulting. Splash 24/7. 8 September 2017. Available from: http://splash247.com/floating-computer-inherent-cyber-risks-sea/ Today's vessels and offshore units are constantly becoming more connected, relying on computers and networks to do everything from navigation, power management, and cargo loading to onboard entertainment and communications.


Ministry of Foreign Affairs of Japan and Maritime and Port Authority of Singapore, in cooperation with ReCAAP Information Sharing Centre. *Maritime and Port Authority of Singapore (MPA).* 27 September 2017. Available from: [http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/c1b7b368-857b-47de-a29c-108093c931e5](http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/c1b7b368-857b-47de-a29c-108093c931e5) The Ministry of Foreign Affairs of Japan (MOFA Japan) and the Maritime and Port Authority of Singapore (MPA), in cooperation with the ReCAAP Information Sharing Centre (ReCAAP ISC), jointly launched the inaugural Capacity Building Executive Programme on combating piracy and armed robbery against ships in Asia in Singapore today.


**MARITIME TRAINING**

Southampton Solent University's research and entrepreneurship recognised in the 'Oscars of higher education'. By Richard Percival. *Southern Daily Echo (UK).* 8 September 2017. Available from: [http://www.dailyecho.co.uk/news/15522202.Hampshire_university_recognised_for_research_and_entrepreneurship_recognised_in_the_Oscars_of_higher_education](http://www.dailyecho.co.uk/news/15522202.Hampshire_university_recognised_for_research_and_entrepreneurship_recognised_in_the_Oscars_of_higher_education) Southampton Solent University has been shortlisted in two categories - 'Research Project of the Year: Arts, Humanities and Social Sciences' for its Gender, Empowerment and Multicultural Crews (GEM) project, and 'Outstanding University Entrepreneurship Award' in the prestigious Times Higher Education awards 2017.
Virtual reality - Simulator training for seafarers. By Latarche Malcolm. ShipInsight. 14 September 2017. Available from: https://shipinsight.com/virtual-reality-simulator-training-for-seafarers/ Beginning with basic navigation but now extending to almost every aspect of ship operation including specialist aspects such as crane handling and towing, simulators are the modern way to gain competence.


MIGRANTS


Vienna hosts thematic session on migrant smuggling and trafficking in persons towards a global compact for migration. International Organization for Migration (IOM). 4 September 2017. Available from: https://www.iom.int/news/vienna-hosts-thematic-session-migrant-smuggling-and-trafficking-persons-towards-global-compact IOM Director General William Lacy Swing will address high-level government and UN officials, practitioners, and civil society tomorrow (05/09) at the UN Center in Vienna to call on States to carry out their commitments to combat migrant smuggling and trafficking in persons.

The mysterious drop in the number of migrants crossing the Mediterranean. By James McAuley. Washington Post. 1 September 2017. Available from: http://www.goo.gl/ym6eJR As European leaders continue their push to curb a seemingly constant flow of migrants across the Mediterranean, it appears that flow could be leveling off - at least temporarily.


Migrant sea route to Italy is world's most lethal. By Saeed Kamali Dehghan. The Guardian. 11 September 2017. Available from: https://www.theguardian.com/world/2017/sep/11/migrant-death-toll-rises-after-clampdown-on-east-european-borders More than 22,500 migrants have reportedly died or disappeared globally since 2014 – more than half of them perishing while attempting to cross the Mediterranean, according to a study by the International Organisation for Migration (IOM).


Migrants stuck on endless ferry journey as countries refuse entry. The Guardian. 14 September 2017. Available from: https://www.theguardian.com/world/2017/sep/14/migrants-locked-in-ferry-cabins-for-seven-weeks-as-countries-refuse-entry. Twelve migrants, apparently from North Africa, have been sailing to and fro between Istanbul and Odessa on a Danish passenger ferry for the last seven weeks, locked in four cabins with no country willing to take them.

Spike in arrivals of migrants across the Mediterranean to Italy. The Local (Italy). 18 September 2017. Available from: https://www.thelocal.it/20170918/spike-in-migrant-arrivals-over-the-mediterranean-to-italy. Libya’s coastguard has rescued over 3,000 migrants aiming to cross the Mediterranean to Europe in the past week, while Italy picked up another 2,000 in recent days, official and reports said on Sunday.


Rescued migrants say lucky to dodge Libyan coastal clampdown. By Antonio Denti. Reuters. 19 September 2017. Available from: http://www.goo.gl/GQuVmc. Migrants rescued in the Mediterranean last week said they had been lucky to dodge increased sea and police patrols along the Western coast of Libya that have dramatically reduced arrivals in Italy since July.

Migratory flows in August: Numbers continue to fall in Italy, pressure remains high in Spain. *Frontex European Border and Coast Guard Agency.* 18 September 2017. Available from: [http://frontex.europa.eu/pressroom/news/migratory-flows-in-august-numbers-continue-to-fall-in-italy-pressure-remains-high-in-spain-3K04g5](http://frontex.europa.eu/pressroom/news/migratory-flows-in-august-numbers-continue-to-fall-in-italy-pressure-remains-high-in-spain-3K04g5)  In August, there were approximately 12,200 detections of illegal border crossings on the four main migratory routes into the EU as the number of migrants arriving in Italy fell by almost two-thirds from the previous month.


Total dead reaches 23 following yesterday's capsize in Bay of Bengal as more tragic details emerge. *International Organization for Migration (IOM).* 29 September 2017. Available from: [http://www.iom.int/news/total-dead-reaches-23-following-yesterdays-capsize-bay-bengal-more-tragic-details-emerge](http://www.iom.int/news/total-dead-reaches-23-following-yesterdays-capsize-bay-bengal-more-tragic-details-emerge)  IOM, the UN Migration Agency has learned further details following yesterday's report (28/09) that Rohingya refugees died when the boat they were using to reach safety in Bangladesh capsized in the Bay of Bengal's rough seas.

NAVIGATION AND COMMUNICATIONS

Inmarsat carries the safety message. By Ronald Spithout, President, Inmarsat Maritime. Safety 4 Sea. 1 September 2017. Available from: https://www.safety4sea.com/inmarsat-carries-safety-message/ At Inmarsat, we say safety is ‘in our DNA’, partly because seafarer safety was among the primary objectives set out for the organisation on its formation as an intergovernmental agency in 1979.


Malware spreading fast through the merchant fleet. By Sam Chambers. Splash 24/7. 14 September 2017. Available from: http://splash247.com/malware-spreading-fast-merchant-fleet/ A survey of 2,500 seafarers has revealed that 40% of officers have sailed on a vessel, which has become infected with computer virus or malware.

Singapore hosts 19th Meeting of the Aids to navigation Fund Committee (ANF) to safeguard safety in the Straits of Malacca and Singapore. Maritime and Port Authority of Singapore (MPA). 14 September 2017. Available from: http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/fd579364-3d72-4e61-8512-e5eefe7e018c One of three pillars of the Co-operative Mechanism on Safety of Navigation and Environmental Protection in the Straits of Malacca and Singapore ("Co-operative Mechanism"), the ANF was established to facilitate financial contributions for the provision and maintenance of critical aids to navigation in the Straits of Malacca and Singapore (SOMS).

**PIRACY**


Pirates used AIS tracking app to identify ship to hijack. By Vincent Wee. *Seatrade Maritime News.* 21 September 2017. Available from: [http://www.seatrade-maritime.com/news/asia/pirates-used-ais-tracking-app-to-identify-ship-to-hijack.html](http://www.seatrade-maritime.com/news/asia/pirates-used-ais-tracking-app-to-identify-ship-to-hijack.html) Local reports said the mastermind behind the hijacking was given 16 years in jail for conspiracy to hijack while the 10 other Indonesians that were actually caught onboard in the hijack attempt were also jailed for 16 years each after they admitted to their crimes.


**PORT STATE CONTROL**


Kitack Lim says Port State Control in the Asia-Pacific region is a deliberate focus of the Tokyo MoU. *Port News.* 18 September 2017. Available from: [http://en.portnews.ru/news/245753/](http://en.portnews.ru/news/245753/) The key task of the 28th Port State Control Committee Meeting (Tokyo MoU) attended by representatives of all member authorities in the Asia-Pacific region is the cooperation of efforts, standardization of norms and regulations and overall harmonization of the industry's work, IAA PortNews correspondent cites Kitack Lim, Secretary-General of the International Maritime Organization (IMO), as answering the Agency's question about the first results of the Tokyo MoU Committee meeting held on 18 September in Vladivostok.


**PORTS AND HARBOURS**

**NIMASA Targets 100% Implementation of ISPS Code.** By Eromosele Abiodun. *This Day (Nigeria).* 1 September 2017. Available from: [https://www.thisdaylive.com/index.php/2017/09/01/nimasa-targets-100-implementation-of-isps-code/](https://www.thisdaylive.com/index.php/2017/09/01/nimasa-targets-100-implementation-of-isps-code/) The Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA) Dr. Dakuku Peterside has stated that the agency will not rest on its oars until 100 per cent compliance of the International Ship and Port Facility Security (ISPS) Code is achieved in all port facilities across the country.


Even though details on the type of the incident have not been released, it appears that it involved a danger of air contamination.

Five new ports to join China-Malaysia Port Alliance. By Vincent Tan. *The Star (Malaysia).*
Five new ports in Malaysia and China are set to join the China-Malaysia Port Alliance (CMPA).

The much-touted paperless clearance system at the Tema Port which took off without any hitches last Friday, September 1, 2017, is expected to prove its mettle when normal business resumes today.

If 2015 was a stark awakening for the container port industry that the golden years were coming to a close, then last year revealed tepid growth as the new reality.

Canada’s largest and northernmost territory has taken initial steps towards creating the Central Arctic’s first deep-water port at the mid-point of the Northwest Passage.

Qatar’s emir officially inaugurates Hamad Port. By Jamal Elshayyal. *Aljazeera.*
Qatar’s Emir Sheikh Tamim bin Hamad Al Thani has opened the new Hamad Port as part of a wider plan to increase non-petroleum exports.

Port of Oakland wants more ships on shore power to clear the air. *Port of Oakland.*
Port of Oakland Executive Director Chris Lytle met with international shipping lines here this week to clear the air – literally.

The 14,400 TEU capacity *CMA CGM Theodore Roosevelt* became the largest container ship to ever call at the port of New York and New Jersey on Thursday after sailing underneath the raised Bayonne Bridge.

The world’s seaborne trade exceeded 10 billion tons in a single year for the first time in 2015, according to the United Nations Conference on Trade and Development, with about 60% passing through Asia.


Acquisition of Dubai Maritime City and Drydocks World. *DP World.* 18 September 2017. Available from: [http://www.goo.gl/UQbhTS](http://www.goo.gl/UQbhTS) DP World Limited today announces that it has entered into agreements to acquire Maritime World LLC, the 100% owner of Dubai Maritime City (DMC), for a purchase consideration of US$ 180 million and to buy 100% of Drydocks World LLC (Drydocks) by means of a capital injection of US$ 225 million, taking the total cash required for the acquisitions of DMC and Drydocks to US$ 405 million.


Containers sink after falling overboard at Port of Oakland. Port Technology International. 25 September 2017. Available from: https://www.porttechnology.org/news/containers_sink_after_falling_off_ship_at_port_of_oakland CBS reported that divers and salvage crews had been involved in rescuing the containers from the 50-foot-deep body of water.

Ports urged to share data to optimise supply chain operations. By Wei Zhe Tan. Lloyd's List. 26 September 2017. Available from: https://lloydslist.maritimeintelligence.informa.com/LL111604 Port authorities across the globe need to overcome the "silo effect" when it comes to operational data if they want to be able to maximise efficiency in the supply chain.


RECYCLING OF SHIPS

Maersk shipbreaking in Alang makes slow progress. By Niklas Krigslund. ShippingWatch. 6 September 2017. Available from: http://shippingwatch.com/secure/carriers/Container/article9847372.ece Maersk found itself in the international spotlight when it announced that it would use the controversial shipbreaking facilities in India.

Workers' rights: 'Pakistan has very low safety standards'. By Zubair Ashraf. Express Tribune (Pakistan). 14 September 2017. Available from: https://tribune.com.pk/story/1502733/workers-rights-pakistan-low-safety-standards/ Almost a year after the deadliest disaster in the shipbreaking industry, the Pakistani government and employers have yet to do anything to improve the situation and save other workers from meeting the same fate as that of their colleagues, remarked Kan Matsuzaki, head of shipbreaking and shipbuilding at IndustriALL Global Union, in an interview with The Express Tribune.


REGULATIONS


Kicking the habit. By Richard Clayton. Lloyd's List. 8 September 2017. Available from: https://lloydslist.maritimeintelligence.informa.com/LL111299/Kicking-the-habit The global sulphur cap has been approved at the International Maritime Organization to slash the industry’s emissions of pollutants that cause acid rain and health problems in communities near ports and busy shipping lanes.

Policy letter 17-05 – Guidelines for Voluntary Compliance with the International Convention for the Control and Management of Ships' Ballast Water and Sediments, 2004. US Coast Guard Maritime Commons. 7 September 2017. Available from: http://www.goo.gl/VUkLar The policy letter provides guidance to Coast Guard marine inspectors, Authorized Classification Societies (ACS) that are authorized to issue international convention certificates on behalf of the Coast Guard in its capacity as the flag administration, and U.S. flagged vessel owners/operators concerning the requirements of the International Convention for the Control and Management of Ships' Ballast Water and Sediments, 2004 (hereinafter referred to as the Ballast Water Management (BWM) Convention).

Prepare for over a Decade of Combined Environmental Regulatory Burden, Peninsula Petroleum Warns. Ship & Bunker. 14 September 2017. Available from: https://shipandbunker.com/news/world/508302-prepare-for-over-a-decade-of-combined-environmental-regulatory-burden-peninsula-petroleum-warns As the industry focuses on 2020 and the introduction of a 0.5% sulfur cap on marine fuel, Will Bathurst, Head of Credit & Market Analysis at bunker supplier Peninsula Petroleum, has warned that this is just the beginning of what will be over a decade of environmental regulatory burden.


Scandinavian duo seek 'uniform and fair enforcement system' for 2020. By Roderick Craig. TradeWinds. 14 September 2017. Available from: http://www.tradewindsnews.com/casualties/1342364/scandinavian-duo-seeking-uniform-and-fair-enforcement-system-for-2020 Swedish Shipowners’ Association (SSA) managing director Pia Berglund and her counterpart at Danish Shipping, Anne H Steffensen, insist there is no time to lose as the International Maritime Organization (IMO)’s global 0.5% sulphur cap deadline approaches.


Major ballast water supplier bankrupt after delayed regulations. By Søren Pico. ShippingWatch. 18 September 2017. Available from: http://shippingwatch.com/secure/suppliers/article9878714.ece The slow and protracted efforts to implement the ballast water convention has now claimed its first major victim among the suppliers.
Robust cyber rules needed for digitalisation to reach full potential. By Max Tingyao Lin. Lloyd’s List. 18 September 2017. Available from: https://lloydslist.maritimeintelligence.informa.com/LL111465/Robust-cyber-rules-needed-for-digitalisation-to-reach-full-potential. There are many known benefits of digitalisation to shipping — optimisation of operations, cost reductions, more efficient transactions, to name but a few.


SALVAGE

New President for International Salvage Union. International Salvage Union (ISU). 7 September 2017. Available from: http://www.marine-salvage.com/media-information/our-latest-news/new-president-for-international-salvage-union/. The Annual General Meeting of the International Salvage Union (ISU) was held in Singapore 07 September 2017 and the meeting elected Ms Charo Coll as the new President of the ISU.

SEAFARERS

Abandoned Tahsin crew paid, repatriated. World Maritime News. 1 September 2017. Available from: http://worldmaritimene.ws/archives/228747/abandoned-tahsin-crew-paid-repatriated/. The ship was detained in June by the UK Maritime and Coast Guard Authority (MCA) on the grounds of multiple issues, including unpaid wages for three months.

Preventing sexual assault in maritime sector. Safety 4 Sea. 31 August 2017. Available from: https://www.safety4sea.com/preventing-sexual-assault-in-maritime-sector/. Sexual harassment is defined as "unwelcome sexual favors or other verbal or physical conduct of a sexual nature regardless of a person's gender that affects an individual's workplace."

Detained *Malaviya Seven* crewmen enjoy day of hospitality at footy thanks to club's community spirit. By Peter Davidson. *Evening Express (UK).* 4 September 2017. Available from: [https://www.eveningexpress.co.uk/fp/news/local/detained-crewmen-enjoy-day-of-hospitality-at-footy-thanks-to-clubs-community-spirit](https://www.eveningexpress.co.uk/fp/news/local/detained-crewmen-enjoy-day-of-hospitality-at-footy-thanks-to-clubs-community-spirit/) League Two side Peterhead United invited the crew from the *Malaviya Seven*, which has been detained since 2016 after crew members were not paid wages, to their Irn-Bru Cup game against Annan Athletic on Saturday.

India pitches 'spirituality leadership' for training of seafarers. By P Manoj. *The Hindu (India).* 4 September 2017. Available from: [http://www.thehindubusinessline.com/companies/india-pitches-spirituality-leadership-for-training-of-seafarers/article9844610.ece](http://www.thehindubusinessline.com/companies/india-pitches-spirituality-leadership-for-training-of-seafarers/article9844610.ece) India will make a pitch to the International Maritime Organisation (IMO) for the introduction of ‘spirituality leadership’ as a competency in maritime education and training, positioning it as a ‘Made in India’ programme to tackle issues facing the global shipping industry and help create new managers.


ITF inspectors help *Polar Star* crew home. *ITF Seafarers.* 1 September 2017. Available from: [http://www.itfseafarers.org/maritime_news.cfm/newsdetail/11650](http://www.itfseafarers.org/maritime_news.cfm/newsdetail/11650) Five crew members of the ice breaker *Polar Star* have finally arrived home after being abandoned in the Canary Islands, thanks to the efforts of ITF inspectors in Las Palmas, Lithuania and Canada.


The International Seafarers Welfare Assistance Network (ISWAN) will officially launch its highly acclaimed International Port Welfare Partnership (IPWP) programme during London's International Shipping Week at a formal Business Breakfast in the historic setting of Trinity House from 08:00 to 10:00 on Wednesday 13 September 2017.

The ITF has produced a toolkit for its seafarer unions to help them lobby governments to implement international guidelines to prevent the unfair treatment of seafarers following accidents and pollution at sea. ITF Criminalisation Toolkit


The IFW's SeafarerHelp, a free, confidential, 24/7 helpline which supports thousands of seafarers every year, was named 'Shoreside Team of the Year' at last night's 2017 Safety at Sea Awards, held during London International Shipping Week. Annual Review 2016


Little contact with family members, living in confined spaces and always being on call take a heavy psychological toll on seafarers.

The vessel broke down and is anchored off the port of Tanjung Priok, in Indonesia, "practically abandoned, grossly undermanned and in what very much appears to be an unseaworthy condition", according to the International Transport Workers' Federation (ITF).

The International Labour Organization (ILO) adopted a resolution aimed at boosting protection for migrant fishers last week.

The purpose of the meeting was to discuss issues relating to migrant fishers as part of the follow-up to the Resolution concerning the promotion of welfare for fishers adopted at the 96th Session (2007) of the International Labour Conference.

Two Vietnamese fishermen were found dead and five others were taken into custody after they were spotted fishing off the northwestern Philippines, sparking a night chase where a Vietnamese boat hit a Philippine navy ship and prompted its crew to fire shots, officials said yesterday.
Govt promises to set minimum pay for seafarers. By Gitonga Marete.  
*Business Daily (Kenya)*. 26 September 2017. Available from: [http://www.businessdailyafrica.com/economy/Ministry-set-minimum-wages-seafarers/3946234-4113208-65x3goz/](http://www.businessdailyafrica.com/economy/Ministry-set-minimum-wages-seafarers/3946234-4113208-65x3goz/) Transport and Infrastructure Ministry will establish minimum wages for seafarers to ensure that they are well remunerated, Principal Secretary Prof Paul Maringa has said Tuesday.

Cork auctioneer to sell vessel detained in crew wages dispute. By Lorna Siggins.  


**SEARCH AND RESCUE**


MOAS shifts operations to South East Asia. *Migrant Offshore Aid Station (MOAS)*. 4 September 2017. Available from: [https://www.moas.eu/moas-shifts-operations-south-east-asia/](https://www.moas.eu/moas-shifts-operations-south-east-asia/) Following recent developments in the Central Mediterranean, MOAS has taken the decision to strategically redeploy its operations to South East Asia.


For the sixth year running, search and rescue (SAR) crew from across Europe will be swapping places with their counterparts to take part in a week-long Lifeboat Crew Exchange organised by the International Maritime Rescue Federation (IMRF).

**SHIPBUILDING AND SHIPREPAIR**

**Shipping industry urges Government to double funding to £30m for recruitment drive.** By Bradley Gerrard. *The Telegraph.* 3 September 2017. Available from: http://www.telegraph.co.uk/business/2017/09/03/shipping-industry-urges-government-double-funding-30m-recruitment/ The shipping industry is calling on the Government to double the funding it puts towards helping train seafarers to £30m in a bid to protect UK maritime jobs as the country gets closer to Brexit.

**Ship repair yards see business slowing down after the IMO decision to provide a two-year delay in the Ballast Water Management Implementation.** By Nikos Roussanoglou. *Hellenic Shipping News.* 2 September 2017. Available from: http://www.goo.gl/Aykg5o Ship-repair yards are facing yet another slowdown in their business.

**Denmark to abolish registration fee for ships.** *Danish Shipping.* 1 September 2017. Available from: https://www.danishshipping.dk/en/press/news/denmark-to-abolish-registration-fee-for-ships/ The government's new measures for business and industry to prolong the growth of the Danish economy also contain maritime proposals.

**Britain to buy five new frigates in new shipbuilding strategy.** By Alistair Smout. *Reuters.* 6 September 2017. Available from: http://uk.reuters.com/article/uk-britain-defence-ships/britain-to-buy-five-new-frigates-in-new-shipbuilding-strategy-idUKKCN1BG3B4 Britain will buy five new frigates as part of a new shipbuilding strategy aimed at boosting the navy and exports following decades of decline in the sector, the defence ministry said on Wednesday.

**Controversy Rises Again over Future Prospects of Shipbuilding Industry.** By Jung Min-hee. *Business Korea.* 8 September 2017. Available from: http://www.goo.gl/5PFmrz This has come after Hyundai Heavy Industries lost an ultra large container vessel (ULCV) deal to Chinese shipbuilders.

**British yards welcome new national shipbuilding strategy.** By Jake Frith. *Maritime Journal.* 7 September 2017. Available from: http://www.goo.gl/QAfKB UK Defence Secretary Sir Michael Fallon has unveiled an ambitious new National Shipbuilding Strategy which meets the challenge set by Sir John Parker last November and sets out plans for the first batch of Type 31e frigates.

World's first conversion of container ship to dual-fuel operation concludes successfully.

At a recent event at the Hamburg offices of MAN Diesel & Turbo, Dr Uwe Lauber – CEO of MAN Diesel & Turbo – presented Gerd Wessels, Managing Owner of Wessels Reederei with a takeover certificate marking the formal conclusion of the 'Wes Amelie' LNG conversion project.

Another world's first for Wärtsilä - wireless charging for hybrid coastal ferry successfully tested.

The technology group Wärtsilä has successfully tested its automatic wireless induction charging system on a hybrid powered coastal ferry.

S. Korea pushes to build world's largest LNG-powered vessel.
*Yonhap News Agency (South Korea).* 25 September 2017. Available from: [http://www.goo.gl/Voe7QG](http://www.goo.gl/Voe7QG)

South Korea will launch a pilot program to build the world's largest vessel powered by liquefied natural gas (NLG) in a bid to support more green shipping and develop associated industries, the Ministry of Oceans and Fisheries said Monday.

Rosneft and Sovcomflot ink agreement for five LNG-powered Aframax Tankers.

PAO Sovcomflot (SCF) yesterday announced that it has signed a set of agreements with Rosneft, the State Transport Leasing Company (STLC), and Zvezda Shipbuilding Complex (Zvezda) for the construction of five liquefied natural gas (LNG)-powered Aframax tankers.

New generation of LNG fuelled merchant vessels.

PAO Sovcomflot (SCF Group), Rosneft, the State Transport Leasing Company (STLC), and Zvezda Shipbuilding Complex have signed agreements that entail the construction of five Aframax tankers to enable export shipments of crude oil and oil products.


Enova is a Norwegian government enterprise responsible for promoting environmentally friendly production and consumption of energy.

**SHIPPING**

'The implications of an interoperable data sharing platform are immense'.

Over the past few years, blockchain and distributed ledger technology (DLT) have emerged as a serious topic related to the future digitisation of the maritime industry.

Shipping must beware exposure to changing risk landscape.

Our third annual Shipping Risk Survey confirms that the effective management of risk within the industry has improved slightly over the past 12 months. *Shipping Risk Survey 2017* 📈


Shore power, charging infrastructure could cut CO2 emissions in Norway by 12.5 million tonnes. Cavotec. 4 September 2017. Available from: http://press.cavotec.com/blog_posts/shore-power-charging-infrastructure-could-cut-co2-emissions-in-norway-by-12-dot-5-million-tonnes-61308 The ReCharge project has assessed where emissions in Norwegian ports are generated, where there is greatest potential for reductions, and what kind of charging and shore power infrastructure needs to be developed to mitigate emissions.

From cold ironing to electric bunkering. Fathom News. 1 September 2017. Available from: http://www.fathom-news.com/cold-ironing-electric-bunkering/ Cold ironing, as it is known, has come a long way, and with hybrid power systems on the market, will likely evolve further as a new term, “electric bunkering”, begins to be heard more.


EY, Guardtime and industry participants launch the world’s first marine insurance blockchain platform. Ernst & Young (EY). 6 September 2017. Available from: http://www.goo.gl/2SqBnV The blockchain platform — built on Microsoft Azure global cloud technology — is positioned to provide significant value to the insurance industry and is planned to be implemented from 2018 onward.


The shape of shipping. By Christophe Tytgat, Secretary General, SEA Europe. *Pan European Networks.* 6 September 2017. Available from: [http://www.paneuropeannetworks.com/government/the-shape-of-shipping/](http://www.paneuropeannetworks.com/government/the-shape-of-shipping/) The European maritime technology industry consists of European shipyards as well as European maritime equipment manufacturers and suppliers, which are both active in civil and/or naval activities.


Seatrade Europe opens – steps into the future with ground breaking keel laying ceremony for next LNG ship generation. *Seatrade Europe.* 6 September 2017. Available from: [http://www.quaq.qa/6cwEK](http://www.quaq.qa/6cwEK) Seatrade Europe - the leading trade event for the European cruise and river cruise industry - opened today (6 September 2017) with a strong message to the 600-strong delegates that sustainability and environmental responsibility are amongst the key priorities for the cruise industry in 2017.


The topic of autonomous shipping is an exciting and an important one. At the moment, there are very few of these ships operating


New platform to shape the future of global seaborne trade. Global Maritime Forum. 8 September 2017. Available from: https://drive.google.com/file/d/0B1ytBDjacga3cXQ4ZG82Q09CaHc/view The Global Maritime Forum is a global platform for high-level leaders from the entire maritime spectrum and aims to effect positive long term change for the industry and for society.


International focus on protectionism. Danish Maritime Authority. 11 September 2017. Available from: https://www.dma.dk/Presse/Nyheder/Sider/International-focus-on-protectionism.aspx The Consultative Shipping Group (CSG) is meeting in the United Kingdom during London International Shipping Week (LISW) to discuss the challenges facing global shipping markets.

When London had international shipping, it didn't need a Week. By Andrew Craig-Bennett. Splash 24/7. 13 September 2017. Available from: http://splash247.com/london-international-shipping-didnt-need-week/ This year's London International Shipping Week is glancing fearfully over its shoulder at Europe, which is ignoring it, and is hardly daring to look past Europe at the spectre of its complete irrelevance to the rest of the planet.

Shipping in Changing Climates closes. Fathom News. 12 September 2017. Available from: http://www.fathom-news.com/shipping-changing-climates-closes/ A UK-funded research project looking at the need to decarbonise the shipping industry has come to a close.

Risk management is crucial to prepare the industry for tomorrow's maritime world ... Hellenic Shipping News. 14 September 2017. Available from: http://www.goo.gl/YPiU4S Global law firm Reed Smith played host to a panel of shipping industry experts on 12 September to discuss 'Tomorrow's Maritime World, Today'.


"Wind in our sails" - EU to put more focus on key shipping priorities. Danish Shipping. 13 September 2017. Available from: https://www.danishshipping.dk/en/press/news/wind-in-our-sails-eu-to-put-more-focus-on-key-shipping-priorities/ Jean-Claude Juncker outlined his top priorities for the Commission in the rest of its period towards 2019 and many of them with particular interest to the shipping industry.


Decarbonisation strategy consensus remains elusive. By Anastassios Adamopoulos. Lloyd's List. 13 September 2017. Available from: https://lloydslist.maritimeintelligence.informa.com/LL111379/Decarbonisation-strategy-consensus-remains-elusive The difficulty in agreeing to an international decarbonisation strategy for shipping was laid bare once again at the International Chamber of Shipping conference on Wednesday, as panellists aired different viewpoints on the path the industry must take.

Regulation (EU) 757/2015 on monitoring, reporting and verification of carbon dioxide emissions from maritime transport was adopted and entered into force in 2015.


The shipping industry has been criticised for coming up with too many 'ifs' and 'buts' when discussing the reduction of emissions.


A delegation from Bermuda is in London to promote the island's shipping registries, meet with existing clients and network with potential future clients.


One of the key issues ship owners and operators are facing is ensuring the efficient use of energy while at the same time meeting new environmental regulations being implemented on a global and regional basis.


Since remote antiquity the essential importance of energy to human civilization has been well appreciated: in ancient Greek mythology for example, it was the secret of fire that the Titan Prometheus stole from the gods and gifted to mankind.


The UK's shipping minister, John Hayes CBE MP, has said encouraging more women into seafaring careers will help the country improve its skills base, especially as shipping becomes more advanced technologically.


Drawing from these experiences and our interactions with many of the leading players in the industry, we have established a practical guide on how to create value from data during operations.

Low-sulphur fuel future will have consequences across the industry. By Richard Clayton. Lloyd's List. 15 September 2017. Available from: https://lloydslist.maritimeintelligence.informa.com/LL111427/Lowsulphur-fuel-future-will-have-consequences-across-the-industry

The transition from a single, high-sulphur fuel to a multi-fuel environment, which takes effect from January 1, 2020, is an unprecedented challenge for the refining industry, for the supply side, for ship owners, and for crews.


Industry to join forces on decarbonisation at COP23. *Green4Sea*. 19 September 2017. Available from: [https://www.green4sea.com/industry-to-join-forces-on-decarbonisation-at-cop23/](https://www.green4sea.com/industry-to-join-forces-on-decarbonisation-at-cop23/) A group of international shipping industry leaders will join forces at the 23rd session of the Conference of the Parties (COP 23) to the UN Convention on Climate Change (UNFCCC) in November, to drive industry action on decarbonisation.


Interview: Panama can be strategic point to bring Belt-Road Initiative to Latin America. *Xinhuanet (China)*. 17 September 2017. Available from: [http://news.xinhuanet.com/english/2017-09/17/c_136616101.htm](http://news.xinhuanet.com/english/2017-09/17/c_136616101.htm) Panama could be a strategic bridge to extend China’s Belt and Road Initiative to Latin America, said Francisco Carlo Escobar, the Panamanian ambassador to China appointed after the two countries established diplomatic ties in June.


Shipping industry-led summit to act on decarbonisation. *Ship Management International*. 22 September 2017. Available from: [http://shipmanagementinternational.com/industry-led-summit-to-act-on-decarbonisation](http://shipmanagementinternational.com/industry-led-summit-to-act-on-decarbonisation) A group of international shipping industry leaders will join forces at the 23rd session of the Conference of the Parties (COP 23) to the UN Convention on Climate Change (UNFCCC) in November to drive industry ambition and action on exploiting opportunities presented by decarbonisation.


Shipowners slammed for lack of environmental ambition. By Anastassios Adamopoulos. *Lloyd’s List.* 25 September 2017. Available from: [https://lloydslist.maritimeintelligence.informa.com/LL111584](https://lloydslist.maritimeintelligence.informa.com/LL111584) Shipowner-backed proposals to reduce greenhouse gas emissions lack ambition and are representative of an industry trying to kick the can down the road when it comes to carbon reduction, according to two prominent environmental lobby groups.


Pacific Community Marks World Maritime Day – Connecting ships, ports and people. *Pacific Community (SPC).* 28 September 2017. Available from: [http://www.spc.int/blog/pacific-community-parts-world-maritime-day/](http://www.spc.int/blog/pacific-community-parts-world-maritime-day/) Today the Pacific Community (SPC), the leading regional technical body in the maritime transport sector, hosts a joint celebratory session of World Maritime Day with representatives of the International Maritime Organization (IMO) and Pacific Island countries members to highlight the essential role of shipping and ports for the people of the Pacific region.

The World Maritime Day is being formally celebrated by the International Maritime Organisation (IMO) on 28 September 2017.


Founded as a trading post the sea has played an integral part in the development of Helsinki and today is home to the country's maritime cluster shipyard specialising on ice breakers, engineering companies, shipping services and authorities and a largest port in Finland.


Women in the Maritime Sector in Eastern and Southern Africa (Womesa) are meeting in Seychelles for their annual conference.


Anastasios Papagiannopoulos, President of BIMCO, was the key note speaker at the 3rd ShipIT conference held this week in Athens.


The Port of Southampton hosted a major event to celebrate the world’s first dual-fuel car and truck carrier.


In support of Singapore’s Smart Nation vision, the Smart Port Challenge 2017 (SPC 2017) organised by the Maritime and Port Authority of Singapore (MPA), had 12 start-ups pitch their maritime-related proof-of-concepts (POC) in response to industry challenge statements on Demo Day.


There is no need to delay the proposed implementation of new marine sulfur emission norms beyond 2020, as the refining industry has the ability to go through the change, a senior BP executive said Tuesday.


China will be among the biggest factors that shape the future of the energy and maritime sector in the next five to 10 years, according to panelists who participated in the Energy and Maritime Investment Conference organized by research company IHS Markit, in partnership with Nikkei, in Singapore on Thursday.

**Videos of panel discussions at the ICS conference on 13 September 2017.**

**RESEARCH**


We present a comprehensive global shipping emission inventory and the global activities of ships for the year 2015.

Lightning Enhancement Over Major Oceanic Shipping Lanes. By J. A. Thornton, K. S. Virts et al. *Geophysical Research Letters.* (2017). Available from: [http://dx.doi.org/10.1002/2017GL074982](http://dx.doi.org/10.1002/2017GL074982) Using twelve years of high resolution global lightning stroke data from the World Wide Lightning Location Network (WWLLN), we show that lightning density is enhanced by up to a factor of two directly over shipping lanes in the northeastern Indian Ocean and the South China Sea as compared to adjacent areas with similar climatological characteristics.

The sinking of the *El Faro*: predicting real world rogue waves during Hurricane Joaquin 1. By F. Fedele, C. Lugni et al. *Scientific Reports.* (2017). Available from: [https://doi.org/10.1038/s41598-017-11505-5](https://doi.org/10.1038/s41598-017-11505-5) We present a study on the prediction of rogue waves during the 1-hour sea state of Hurricane Joaquin when the Merchant Vessel *El Faro* sank east of the Bahamas on October 1, 2015.


Invasive ascidians (Chordata, Tunicata) are dominant nuisance organisms.
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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.