

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE

“sharing maritime knowledge”

CURRENT AWARENESS BULLETIN

September 2017



Maritime Knowledge Centre
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INTERNATIONAL MARITIME ORGANIZATION
www.imo.org



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](#).

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IMO / UNITED NATIONS NEWS & EVENTS

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 Implementation of IMO Instruments \(III\)](#) (25/09/2017 – 29/09/2017)

[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


FEATURE: Does drone technology hold promise for the UN? *UN News Centre.*

6 September 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=57473> 
Drone technology appears to be taking off at the United Nations, with unmanned aerial vehicles (UAVs) being used for various purposes, including in humanitarian, development and peacekeeping operations.

Security Council approves toughest resolution yet against DPR Korea. *UN News Centre.*

11 September 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=57495>
The Security Council today unanimously agreed to impose tighter sanctions on the Democratic People's Republic of Korea (DPRK), imposing limits on oil exports, banning the country's textile imports and access to gas liquids, and more closely inspecting cargo ships going in and out of its ports.

Trade and Development Report 2017. *United Nations Conference on Trade and Development (UNCTAD).* September 2017. Available from:

<http://unctad.org/en/pages/PublicationWebflyer.aspx?publicationid=1852> In sharp contrast to the ambitions of the 2030 Agenda for Sustainable Development, the world economy remains unbalanced in ways that are not only exclusionary, but also destabilizing and dangerous for the political, social and environmental health of the planet. [Report](#) 

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."

Small island nations in Pacific urge global action to fight climate change.

UN News Centre. 23 September 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=57711> Leaders from Pacific island nations addressing the United Nations General Assembly today urged Governments to implement the Paris Agreement, and contribute to fighting climate change and supporting sustainable development efforts.

'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 BATTLEER'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 BATTLEER, en route to Aliaga, Turkey.

Navy finds no sign of hacking in recent collisions. *Maritime Executive*. 1 September 2017.

Available from: <http://maritime-executive.com/article/navy-finds-no-evidence-of-cyberattacks-in-collisions> On Wednesday, the U.S. Navy's top officer said that post-accident investigations have turned up no evidence of a cyberattack in the collisions involving the USS John S. McCain and USS Fitzgerald.

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.

Bibby Line bulker heads for Iberian Peninsula. By Andy Pierce. *TradeWinds*.

4 September 2017. Available from: <http://www.tradewindsnews.com/drycargo/1339278/bibby-line-bulker-heads-for-iberian-peninsula> A Bibby Line bulker that experienced trouble with a fertilizer cargo is now under tow to the Iberian Peninsula for unloading.

Accident Investigation Report 19/2017: Grounding of semi-submersible rig Transocean Winner after the loss of tow from tug ALP Forward. *UK Marine Accident Investigation Branch (MAIB)*. 7 September 2017. Available from:

<http://www.goo.gl/xzwC8i> At 0652 on 8 August 2016, the Marshall Islands registered semi-submersible rig Transocean Winner grounded on the Isle of Lewis following the loss of tow from the Dutch registered tug ALP Forward. [Report](#) [Annexes](#)

Small tanker goes down in Saronic Gulf carrying fuel. *Ekathimerini (Greece)*. 10 September 2017. Available from: <http://www.ekathimerini.com/221531/article/ekathimerini/news/small-tanker-goes-down-in-saronic-gulf-carrying-fuel> An effort was under way on Sunday to contain any possible spillage from an oil tanker that went down off the coast of Atalanti in the Saronic Gulf on Saturday night.



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.

NTSB to Meet in December to Determine Cause of Fatal Cargo Ship Sinking. *US National Transportation Safety Board (NTSB)*. 12 September 2017. Available from: <https://www.nts.gov/news/press-releases/Pages/PR20170912b.aspx> The National Transportation Safety Board plans to meet Dec. 12, 2017, in Washington to determine the probable cause of the October 2015 sinking of the cargo ship *El Faro* in the Atlantic Ocean.

Accident Investigation Report 20/2017: Loss of control and grounding of ro-ro passenger ferry *Hebrides*. *UK Marine Accident Investigation Branch (MAIB)*. 14 September 2017. Available from: <https://www.gov.uk/maib-reports/loss-of-control-and-grounding-of-ro-ro-passenger-ferry-hebrides> On 25 September 2016, the ro-ro passenger ferry *Hebrides* was approaching Lochmaddy, North Uist, Scotland when control of the ferry's port controllable pitch propeller was lost. [Report](#)  [Annexes](#) 

EMSA contracted vessel mobilised to assist with oil recovery from the *Agia Zoni II* tanker. *European Maritime Safety Agency (EMSA)*. 13 September 2017. Available from: <http://www.emsa.europa.eu/component/flexicontent/download/4881/3100/23.html>  On 9 September around 2:45 am local time, the double-bottomed oil tanker *Agia Zoni II* sank while at anchorage west of the port of Piraeus, Greece.

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.

Vessels deployed to search for five missing sailors. *Jakarta Post*. 13 September 2017. Available from: <http://www.thejakartapost.com/news/2017/09/13/vessels-deployed-to-search-for-five-missing-sailors.html> Indonesian authorities have stepped up efforts to assist ongoing search-and-rescue operations for five foreign sailors reported missing after their dredger collided with an Indonesian tanker in waters off Singapore on Wednesday.

Two fatal collisions in a month raise maritime safety concerns. By Karamjit Kaur. *Straits Times*. 15 September 2017. Available from: <http://www.straitstimes.com/singapore/two-fatal-collisions-in-a-month-raise-maritime-safety-concerns> Twelve sailors have died and another three are feared dead, after two separate fatal collisions in the Singapore Strait.

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.

60 people rescued from stricken Robben Island ferry. *Times Live (South Africa)*.

15 September 2017. Available from: <https://www.timeslive.co.za/news/south-africa/2017-09-15-robben-island-ferry-in-rescue-drama/> An estimated 60 people were rescued from a Robben Island ferry after it got into trouble in rough seas off Cape Town on Friday afternoon.

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.

Tanker grounds after collision with bulker. By Gary Dixon. *TradeWinds*.

20 September 2017. Available from: <http://www.tradewindsnews.com/tankers/1349839/tanker-grounds-after-collision-with-bulker> Listing German Tanker Shipping vessel stuck off Antwerp after incident involving Harvester ship.

Fishing boat sinks in shipping channel. By T C Sreemol. *Times of India*.

19 September 2017. Available from: <http://timesofindia.indiatimes.com/city/kochi/fishing-boat-sinks-in-shipping-channel/articleshow/60751799.cms> A fishing boat sank in the shipping channel in Fort Kochi on Tuesday morning.

LOC Group calls for more transparency and certainty for maritime casualties. *Hellenic Shipping News*. 21 September 2017. Available from: <http://www.hellenicshippingnews.com/loc-group-calls-for-more-transparency-and-certainty-for-maritime-casualties/> Speaking at this week's IUMI 2017 conference in Tokyo, leading international marine and engineering consultancy and survey company - LOC Group - called for greater international cooperation to better manage maritime casualties.

Shipping needs to share more information on accidents. By Helix PR Valerie Lim.

Splash 24/7. 21 September 2017. Available from: <http://splash247.com/shipping-needs-share-information-accidents/> It's usually a split second decision; you share a post with your followers because you think it is useful/funny/interesting to them.

Sunken tanker reveals signs of fuel smuggling. Ekathimerini (Greece). 21 September 2017.

Available from: <http://www.ekathimerini.com/221832/article/ekathimerini/news/sunken-tanker-reveals-signs-of-fuel-smuggling> 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.

Sweden removes diesel from grounded cargo ship. World Maritime News.

26 September 2017. Available from: <http://worldmaritimeneews.com/archives/230773/> 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.

By Jamey Bergman. *Tanker Shipping & Trade*. 27 September 2017. Available from: http://www.tankershipping.com/news/view/video-animation-route-of-greek-tanker-shown-before-sinking-spilling-oil_49240.htm 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.

Grounded Kea Trader beyond repair, heading for recycling. World Maritime News.

9 September 2017. Available from: <http://worldmaritimeneews.com/archives/231177/> 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.

4 September 2017. Available from: http://sobserver.ws/en/04_09_2017/columns/23932 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.

Death by noise: Sound of ships kills marine mammals in Mumbai. By Badri Chatterjee.

Hindustan Times (India). 3 September 2017. Available from: <http://www.goo.gl/ov9iz9> 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?

By Anne Kalosh. *Seatrade Maritime News*. 4 September 2017. Available from: <http://www.goo.gl/mJq2aA> 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.

Workshop addresses ocean health issues. Cook Islands News. 4 September 2017.

Available from: <http://www.cookislandsnews.com/national/local/item/65736> And one way Pacific nations can help address this is the Cape Town Agreement on the Safety of Fishing Vessels, 2012.

"Dodgy" Climate Data No Reason to Slow Efforts to Reduce Ship Emissions: T&E. *Ship & Bunker*. 6 September 2017. Available from: <https://shipandbunker.com/news/world/192831-dodgy-climate-data-no-reason-to-slow-efforts-to-reduce-ship-emissions-te> Reports that the COP21 global climate agreement is plagued by "dodgy" data is no reason for Shipping to slow its emissions reduction efforts, Faig Abbasov, shipping policy officer at Transport & Environment (T&E) has told Ship & Bunker.

Toyota to go green in moving cars by sea. *Nikkei Asian Review*. 6 September 2017. Available from: <https://asia.nikkei.com/Business/Companies/Toyota-to-go-green-in-moving-cars-by-sea> Toyota Motor plans to use environmentally friendly ships fuelled by liquefied natural gas to transport automobiles across the globe, responding to a tighter environmental rule taking effect in 2020.

HELCOM, CBSS and stakeholders join forces to catalyse sustainable shipping in the Baltic Sea. *Baltic Marine Environment Protection Commission (HELCOM)*. 5 September 2017. Available from: <http://www.helcom.fi/news/Pages/HELCOM,-CBSS-and-stakeholders-join-forces-to-catalyse-sustainable-shipping-in-the-Baltic-Sea.aspx> Promoting sustainable shipping technology and new fuels in the Baltic Sea is the theme of a full day event co-organised by HELCOM today, Tuesday 5 September 2017, on the Island of Donsö in the Gothenburg archipelago.

Illegal and unregulated fishing in Seychelles impacting environment, economy, official says. By Salifa Karapetyan. *Seychelles News Agency*. 5 September 2017. Available from: <http://www.goo.gl/BguREc> Illegal, Unreported, and Unregulated Fishing (IUU) in the waters of Seychelles is contributing to economic losses and environmental impacts with big implications for the island nation said a local fisheries official.

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.impact4.org/en/chile-welcomed-the-largest-global-meeting-on-ocean-and-coastal-conservation-the-international-marine-protected-areas-congress-impact-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.

Ship exhaust makes oceanic thunderstorms more intense. *University of Washington (US)*. 7 September 2017. Available from: <http://www.washington.edu/news/2017/09/07/ship-exhaust-makes-oceanic-thunderstorms-more-intense/> Thunderstorms directly above two of the world's busiest shipping lanes are significantly more powerful than storms in areas of the ocean where ships don't travel, according to new University of Washington research.

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.

48th Pacific Islands Forum Communiqué. *Pacific Islands News Association (Fiji).*

10 September 2017. Available from:

<http://www.pina.com.fj/index.php?p=pacnews&m=read&o=3785313559b5c753f26b3ace194251>

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.

CLIA responds to NABU accusations. *By Samira Nadkarni. Marine Professional / IMarEST.*

8 September 2017. Available from:

<https://www.imarest.org/themarineprofessional/item/3605-clia-responds-to-nabu-accusations>

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.

One million premature deaths linked to ozone air pollution . *United Nations Environment Programme (UNEP).*

8 September 2017. Available from:

<http://www.unep.org/stories/story/one-million-premature-deaths-linked-ozone-air-pollution>

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

Greening the deep blue. *By Maria Lazarte. International Organization for Standardization (ISO).*

11 September 2017. Available from:

<https://www.iso.org/news/ref2216.html>

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.

How mapping coastal areas could prepare for an oil spill. *By Shaina Luck.*

Canadian Broadcasting Corporation (CBC). 8 September 2017. Available from:

<http://www.cbc.ca/news/canada/nova-scotia/nsc-researchers-map-south-shore-coastline-oil-spill-cleanups-1.4273364>

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 urge government to focus more on 'blue economy'. *By Sulaimon Salau.*

Guardian (Nigeria). 14 September 2017. Available from:

<https://guardian.ng/business-services/stakeholders-urge-government-to-focus-more-on-blue-economy/>

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.

Korean Register Becomes Newest Green Award Incentive Provider. *Ship & Bunker.*

15 September 2017. Available from:

<https://shipandbunker.com/news/apac/315904-korean-register-becomes-newest-green-award-incentive-provider>

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: <http://www.ecsa.eu/news/co2-emissions-reductions-shipping-european-shipowners-discussing-impact-improved-machinery> 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:

<http://www.abc.net.au/news/2017-09-26/tas-sea-ice-variability-danger-in-antarctic/8988974>

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: <http://www.unep.org/stories/story/mangrove-conservation-kenyan-style> 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: <http://www.worldbank.org/en/news/press-release/2017/09/26/world-bank-supports-the-eastern-caribbean-transition-to-a-blue-economy> 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> Along its 46,000km coastline, the Mediterranean Sea supports around 150 million people living along its shores.


[Reviving the economy of the Mediterranean Sea](#) 

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: <https://www.cigionline.org/publications/operationalizing-blue-economy-small-states-lessons-early-movers>

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: <https://www.yaleclimateconnections.org/2017/09/yes-another-study-concludes-that-global-warming-is-real/>  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:

<https://beta.theglobeandmail.com/news/politics/inuit-will-write-marine-management-plan-for-eastern-end-of-northwest-passage/article36428995/>

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


Shipping pollution hotspots mapped with real-time data. By Inga Vesper. *Eco-Business*. 31 August 2017. Available from: <http://www.eco-business.com/news/shipping-pollution-hotspots-mapped-with-real-time-data/> Coastal areas around Southeast Asia suffer the most from pollution caused by ship traffic, according to a global study that estimates shipping emissions based on real-time, local activity for the first time.

NABU 2017 cruise ship rankings: Still dirty. *NABU (Nature and Biodiversity Conservation Union)*. 5 September 2017. Available from: <https://en.nabu.de/news/2017/23046.html> Pollution from the cruise ship industry is still massive, despite claims newer vessels are clean and green. [Cruise Ship Ranking 2017](#) 



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.

Indonesia raises solidarity to tackle plastic pollution at sea. *Antara News (Indonesia)*. 6 September 2017. Available from: <http://www.antaranews.com/en/news/112541/indonesia-raises-solidarity-to-tackle-plastic-pollution-at-sea> The Indonesian government is raising solidarity to jointly tackle marine plastic waste by proposing a regional action plan that countries in Southeast and East Asia can implement.

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/NXQ8ky> 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.

Invaders in the Arctic: How ships and climate change are bringing strange species to Nunavut. By Ivan Semeniuk. *Globe and Mail (Canada)*. 11 September 2017. Available from: <https://beta.theglobeandmail.com/news/national/nunavut-invasive-species/article36210780/> As higher temperatures proliferate in Canada's Arctic scientists have begun to notice signs of encroaching species from warmer climates.

Clean Cargo Working Group Launches Annual Emissions Factors Report and Welcomes New Members. *Clean Cargo Working Group (CCWG)*. 6 September 2017. Available from: https://www.bsr.org/files/work/BSR_Clean_Cargo_Working_Group_Emissions_Report.pdf  BSR's Clean Cargo Working Group (CCWG) announces the release of its 2016 Global Maritime Trade Lane Emissions Factors report, based on emissions reported by more than 3,200 ships from 22 of the world's leading ocean container carriers that represent 87 percent of the global ocean container shipping industry by volume. [2016 Global Maritime Trade Lane Emissions Factors Report](#) 

What was in the air at Birling Gap? Investigations continue. By Gary Fuller and Timothy Baker. *The Guardian*. 10 September 2017. Available from: <https://www.theguardian.com/environment/2017/sep/10/birling-gap-sussex-toxic-cloud-investigations-continue-pollutionwatch> Items from the shipping lanes frequently wash up on UK beaches and occasionally hazardous chemical containers appear prompting local beach closures.

Greek oil spill spreads: fears grow for marine life. *Euronews*. 14 September 2017. Available from: <http://www.euronews.com/2017/09/14/greek-oil-spill-spreads-fears-grow-for-marine-life> It has been described as an "environmental disaster".

Critical to raise awareness about underwater noise. By John Moloney, Engineering and Business Development Manager, Jasco Applied Sciences. *Chronicle Herald (Canada)*. 15 September 2017. Available from: <http://thechronicleherald.ca/opinion/1503450-opinion-critical-to-raise-awareness-about-underwater-noise> Thanks for your recent articles on underwater noise and its potential effects on marine ecosystems.

Greece denies Agia Zoni II clean-up delay. By Gary Dixon. *TradeWinds*. 19 September 2017. Available from: <http://www.tradewindsnews.com/tankers/1348871/greece-denies-agia-zoni-ii-clean-up-delay> Deputy shipping minister Nektarios Santorinios says boom deployed within hours of tanker sinking; clean-up to take a month.

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.

Environmental Tragedy South of Athens Captured in a Reuters Snap. By Tasos Kokkinidis. *Greek Reporter*. 18 September 2017. Available from: <http://greece.greekreporter.com/2017/09/18/environmental-tragedy-south-of-athens-captured-in-a-reuters-snap/> This photo by Reuters' Giorgos Moutafis, demonstrates the environmental disaster at the coast of southern Athens after the sinking of a small tanker in the Saronic Gulf on September 10.

How did that get there? Plastic chunks on Arctic ice show how far pollution has spread. By Jamie Doward. *The Guardian*. 24 September 2017. Available from: <https://www.theguardian.com/world/2017/sep/24/arctic-plastic-pollution-polystyrene-wildlife-threat> A British-led expedition has discovered sizeable chunks of polystyrene lying on remote frozen ice floes in the middle of the Arctic Ocean.

Pumping oil from hold of sunken tanker polluting Saronic Gulf restarts after 3-day delay. By Philip Chrysopoulos. *Greek Reporter*. 23 September 2017. Available from: <http://greece.greekreporter.com/2017/09/23/pumping-oil-from-hold-of-sunken-tanker-polluting-saronic-gulf-restarts-after-3-day-delay/> The process began at 09:20 on Saturday, after a three-day pause.

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.

Japanese tsunami transported hundreds of species to the United States and Canada, video reveals. By Katherine KorneiSep.

Science. 28 September 2017. Available from:

<http://www.sciencemag.org/news/2017/09/japanese-tsunami-transported-hundreds-species-united-states-and-canada-video-reveals>

When the massive tsunami waves of the 2011 eastern Japan earthquake rolled back out to sea, they pulled with them fragments of docks, boats, and buoys that sometimes contained living stowaways.

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.

Seatrade Maritime News. 16 September 2017. Available from: <http://www.seatrade-maritime.com/news/europe/call-for-imo-bold-vision-on-decarbonisation-of-shipping.html>

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.

Climate Home. 15 September 2017. Available from:

<http://www.climatechangenews.com/2017/09/15/un-shipping-chief-hails-miraculous-progress-co2-emissions/> Countries are nearing agreement on how to tackle shipping's carbon footprint, Kitack Lim tells industry conference, but resistance to a binding cap remains.

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.

It's Maritime Awareness Week! *The Gleaner (Jamaica)*.

26 September 2017. Available from: <http://jamaica-gleaner.com/article/shipping/20170926/its-maritime-awareness-week> Every year, Jamaica joins the international community in celebrating World Maritime Day, observed on the last Thursday in September.

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> Two bunker companies have lost their licenses to operate in Singapore, inform local authorities.

Fishing vessel owner convicted for oil and garbage offenses off American Samoa.

US Department of Justice. 30 August 2017. Available from:

<https://www.justice.gov/opa/pr/fishing-vessel-owner-convicted-oil-and-garbage-offenses-american-samoa>

A fishing vessel company that operated in and around American Samoa was convicted and sentenced today for maintaining false and incomplete records relating to the discharge of oil and garbage, announced Acting Assistant Attorney General Jeffrey H. Wood of the Environment and Natural Resources Division and United States Attorney Channing D. Phillips.

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/>

As Canadian officials scramble to determine whether an endangered whale caught in fishing rope off Quebec's Gaspé 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.

Sydney added to cruise itineraries due to restrictions in Gulf of St. Lawrence.

By Hal Higgins. *Canadian Broadcasting Corporation (CBC)*. 30 August 2017. Available from:

<http://www.cbc.ca/news/canada/nova-scotia/cruise-business-port-schedule-economy-ships-itinerary-speed-regulations-1.4268416> In what has already been its busiest cruise ship season on record, the Port of Sydney, N.S., can look forward to some unexpected extra business this fall due to new regulations restricting ship speed in the Gulf of St. Lawrence.

Timor-Leste and Australia achieve breakthrough in maritime boundary conciliation proceedings.

Permanent Court of Arbitration. 1 September 2017. Available from: <https://pca-cpa.org/wp-content/uploads/sites/175/2017/09/Timor-Sea-Conciliation-Press-Release-No.-9-EN.pdf>

Through a series of confidential meetings with the Conciliation Commission in Copenhagen this past week, Timor-Leste and Australia have reached agreement on the central elements of a maritime boundary delimitation between them in the Timor Sea.

The Structuring Role of Marine Life in Open Ocean Habitat: Importance to International Policy. By B. C. O'Leary, C. M. Roberts.

Frontiers in Marine Science. (2017).

Available from: <http://journal.frontiersin.org/article/10.3389/fmars.2017.00268> Areas beyond national jurisdiction (ABNJ) lie outside the 200 nautical mile limits of national sovereignty and cover 58% of the ocean surface.


Cyprus extends use of electronic Oil Record Book. Green4Sea.

Green4Sea. 6 September 2017. Available from: <https://www.green4sea.com/cyprus-extends-use-of-electronic-oil-record-book/>

The Cyprus Department of Merchant Shipping (DMS) today announced it has extended permission of the use of electronic oil record books (EORB) onboard Cyprus-flagged vessels.

60 more Somali pirates convicted, to be deported. By Rebecca Samervell. Times of India .

8 September 2017. Available from: <http://timesofindia.indiatimes.com/city/mumbai/60-more-somali-pirates-convicted-to-be-deported/articleshow/60431130.cms> A special court on Friday convicted 60 Somali pirates who were caught in Indian waters in 2011.

EU countries authorized their vessels to fish unlawfully in African waters. *Oceana*. 12 September 2017. Available from: <http://usa.oceana.org/press-releases/eu-countries-authorized-their-vessels-fish-unlawfully-african-waters> Oceana today released a new report highlighting unlawful fishing activities, authorized by four European countries, in the waters of The Gambia and Equatorial Guinea between April 2012 and August 2015. [Fishing the Boundaries of Law: How the Exclusivity Clause in EU Fisheries Agreements was Undermined](#) 

Transport Canada issues Gulf of St. Lawrence speed restriction fine. *Government of Canada*. 8 September 2017. Available from: https://www.canada.ca/en/transport-canada/news/2017/09/transport_canadaissuesgulfofstlawrencespeedrestrictionfine.html The Government of Canada is concerned about the deaths of North Atlantic right whales in the Gulf of St. Lawrence. We continue to work with our partners to enforce the speed restriction for vessels in the area.

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.

The changing face of shipping. *UK Government.* 15 September 2017. Available from: <https://www.gov.uk/government/speeches/the-changing-face-of-shipping> Transport Secretary Chris Grayling sets out the future for the UK's shipping industries.

If You Cannot Break Ice on an Icebreaker, What Are the Chances in a Policy Debate? By Justina Dahl, KTH Royal Technical Institute, Stockholm and Daria Gritsenko, University of Helsinki. *Arctic Institute.* 19 September 2017. Available from: <https://www.thearcticinstitute.org/cannot-break-ice-icebreaker-chances-policy-debate/>
On July 29th 2017, Finnish icebreaker *MSV Nordica* made 'history' by completing the earliest seasonal transit through the Northwest Passage in only 24 days

Yonghang Shipping captain and crew charged with cargo theft. By Jason Jiang. *Splash 24/7.* 18 September 2017. Available from: <http://splash247.com/yonghang-shipping-captain-crew-charged-cargo-theft/> A district court Qingdao has prosecuted 19 crew from Zhejiang Yonghang Shipping for stealing cargo from the company's 13,700 dwt bulker *Tong Mao 101*.

CTF 70 and DESRON 15 commanders relieved due to loss of confidence. *United States Navy.* 18 September 2017. Available from: <http://www.c7f.navy.mil/Media/News/Display/Article/1314034/ctf-70-and-desron-15-commanders-relieved-due-to-loss-of-confidence/> Vice Adm. Phil Sawyer, commander of U.S. Seventh Fleet, today relieved the commander of Task Force 70 (CTF 70), Rear Adm. Charles Williams and the commander of Destroyer Squadron (DESRON) 15, Capt. Jeffrey Bennett. Both reliefs were due to a loss of confidence in their ability to command.

U.S. Navy fires two commanders after Asia sea accidents. *Reuters.* 18 September 2017. Available from: <https://www.reuters.com/article/us-usa-navy-asia/u-s-navy-fires-two-commanders-after-asia-sea-accidents-idUSKCN1BT1I8> The U.S. Navy dismissed two senior officers on Monday after a series of collisions involving Seventh Fleet warships in Asia, citing a loss of confidence in their ability to command.

Exclusive: From Russia with fuel - North Korean ships may be undermining sanctions. By Polina Nikolskaya. *Reuters.* 20 September 2017. Available from: <http://www.reuters.com/article/us-northkorea-missiles-russia-exclusive/exclusive-from-russia-with-fuel-north-korean-ships-may-be-undermining-sanctions-idUSKCN1BV1DC> At least eight North Korean ships that left Russia with a cargo of fuel this year headed for their homeland despite declaring other destinations, a ploy that U.S. officials say is often used to undermine sanctions.

Autonomous ships need changes to IMO rules and insurance. By Martyn Wingrove. *Marine Electronics and Communications.* 19 July 2017. Available from: http://www.marinemec.com/news/view,autonomous-ships-need-changes-to-imo-rules-and-insurance_49206.htm Discussions at Lloyd's of London, during a public forum at London International Shipping Week in September, examined what were the insurance implications of a maritime accident involving an unmanned ship.

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*.

Samoa's Environment Chief is new Chairman of Noumea Convention. *Samoa Observer*. 19 September 2017. Available from: http://sobserver.ws/en/19_09_2017/local/24512/Samoa%E2%80%99s-Environment-Chief-is-new-Chairman-of-Noumea-Convention.htm The Chief Executive Officer of the Ministry of Natural Resources and Environment, Ulu Bismarck Crawley, is the new Chairman of the Noumea Convention.

Record maritime cocaine and heroin seizures in FY 2017 include San Diego-based case. *US Department of Justice*. 20 September 2017. Available from: <https://www.justice.gov/usao-sdca/pr/record-maritime-cocaine-and-heroin-seizures-fy-2017-include-san-diego-based-case> The U.S. Coast Guard's announcement today that it has intercepted a record amount of illicit drugs in the Eastern Pacific Ocean in FY2017 includes a San Diego-based prosecution involving more than 6,000 pounds of cocaine confiscated from a low-profile vessel.


EUCAP Somalia Delivers Legal Maritime Seminar in Mogadishu . *EUCAP Somalia*. 27 September 2017. Available from: <https://www.eucap-som.eu/eucap-somalia-delivers-legal-maritime-seminar-mogadishu/> On 26 September, Somali prosecutors and officers of the Somali Police Force Maritime Police Unit began a three-day Maritime Legal Seminar in Mogadishu organised by EUCAP Somalia in cooperation with EU NAVFOR ATALANTA.

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> Two seafarers have been arrested after a Danish-operated vessel has run aground in Swedish waters.


Greece in shipping regulation shake-up following tanker spill. By David Glass. *Seatrade Maritime News*. 25 September 2017. Available from: <http://www.seatrade-maritime.com/news/europe/greece-in-shipping-regulation-shake-up-following-tanker-spill.html> A week after the spill had heavily fouled beaches along Athens so-called Riviera, leading to their closure, the ramifications of the sinking of the loaded 45-year-old, 3,200 dwt Greek-flagged tanker *Agia Zoni II* were just beginning.

Judgement: Dispute concerning delimitation of the maritime boundary between Ghana and Côte D'Ivoire. *International Tribunal for the Law of the Sea (ITLOS)*. 23 September 2017. Available from:

https://www.itlos.org/fileadmin/itlos/documents/press_releases_english/PR_264_EN.pdf 

At a public sitting held today, the Special Chamber of the International Tribunal for the Law of the Sea, constituted to deal with the Dispute concerning delimitation of the maritime boundary between Ghana and Côte d'Ivoire in the Atlantic Ocean (Ghana/Côte d'Ivoire), delivered its Judgment. [Complete judgement](#) 

Court ruling favours Ghana in ocean border dispute with Ivory Coast. By Emma Farge and Kwasi Kpodo. *Reuters*. 23 September 2017. Available from: <https://uk.reuters.com/article/uk-ghana-ivorycoast-boundary/court-ruling-favours-ghana-in-ocean-border-dispute-with-ivory-coast-idUKKCN1BY0FG> The International Tribunal for the Law of the Sea on Saturday drew an ocean boundary favouring Ghana in a dispute with its neighbour Ivory Coast, opening the way for development drilling to resume on Ghana's multi-billion dollar TEN deepwater oil and gas project.

Five arrests as cargo ship delayed by environment protestors. *ITV News (UK)*. 22 September 2017. Available from: <http://www.itv.com/news/meridian/2017-09-22/five-arrests-as-cargo-ship-delayed-by-environment-protestors/>  Five people have been arrested after Greenpeace protestors boarded a cargo ship in the Thames Estuary - while others stormed a port - in disruption lasting 36 hours.

Sea life savers: Illegal fishing off Gabon challenged by Sea Shepherd. RT (Russia).

22 September 2017. Available from: <https://rtd.rt.com/films/sea-life-savers/>  Europe's super-trawlers have fished their own waters clean.

Begin negotiations with Togo on maritime boundary – Expert tells government.

GhanaWeb. 25 September 2017. Available from:

<https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Begin-negotiations-with-Togo-on-maritime-boundary-Expert-tells-government-584545> The former chairman of the International Maritime Organization's Legal Committee, Dr Kofi Mbiah is backing calls for the government to urgently begin negotiations with neighbouring Togo regarding its maritime boundary.

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 twist 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](#) 

Industry collaboration is crucial for tech innovation, MSC CIO says. *MSC Mediterranean Shipping Company.* 5 September 2017. Available from: <https://www.msc.com/gbr/news/2017-september/industry-collaboration-is-crucial-for-tech-innovat> The global shipping industry will improve its approach to technological change through greater collaboration, Andre Simha, Chief Information Officer of MSC Mediterranean Shipping Company, said on a conference panel in Singapore.

Government backs innovative technology to slash shipping emissions to zero. *UK Government.* 7 September 2017. Available from: <https://www.gov.uk/government/news/government-backs-innovative-technology-to-slash-shipping-emissions-to-zero> Government commits to help fund innovative technologies and fuels to reduce maritime emissions, and help create a zero-emissions sector.

Autonomous ships and the human element. *Maritime Journal.* 11 September 2017. Available from: <http://www.maritimejournal.com/news101/onboard-systems/monitoring-and-control/autonomous-ships-and-the-human-element> As vessels become more and more autonomous consideration has to be given to the human element of future vessel operations, according to David Patraiko FNI, Director of Projects at The Nautical Institute, a UK-headquartered maritime professional organisation.

Mixed Reality Technology Readied for Offshore Vessels. *By Wendy Laursen.* *Maritime Executive.* 11 September 2017. Available from: <http://maritime-executive.com/article/mixed-reality-technology-readied-for-offshore-vessels> Danish technology company Virsabi is teaming up with Viking Supply Ships and MAN Diesel and Turbo on the development of a mixed reality system that will be used for onboard vessel maintenance and trouble shooting.

3D printed ship's propeller takes step closer to completion. *Damen Shipyards Group.* 11 September 2017. Available from: http://www.damen.com/en/news/2017/09/3d_printed_ships_propeller_takes_step_closer_to_completion The 1,350mm diameter propeller – named WAAMPeller – is the result of a cooperative consortium of companies that includes Damen Shipyards Group, RAMLAB, Promarin, Autodesk and Bureau Veritas.

New report examines future of autonomous maritime systems. *Lloyd's Register.*

12 September 2017. Available from: <http://www.lr.org/en/news-and-insight/news/new-report-examines-future-of-autonomous-maritime-systems.aspx> 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.*

27 September 2017. Available from:

https://www.porttechnology.org/news/new_rfid_tags_target_tracking_in_container_shipping

Xerafy has added new additions to its Trak Series that are more versatile and accommodate multiple attachment methods for more applications.

Joint Research Centre (JCR) makes its ship-detection software [SUMO] open source.

European Commission. 27 September 2017. Available from:

<https://ec.europa.eu/jrc/en/news/jrc-makes-its-ship-detection-software-open-source>

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.*

31 August 2017. Available from: <https://combinedmaritimeforces.com/2017/08/31/ctf151>

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.

Abuja MoU kicks off safety of navigation campaign. *This Day (Nigeria).* 2 September 2017.

Available from: <https://www.thisdaylive.com/index.php/2017/09/02/abuja-mou-kicks-off-safety-of-navigation-campaign/> 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.*


4 September 2017. Available from:

https://www.porttechnology.org/news/pioneering_deal_sets_solvas_vgm_compliance_example

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.*

6 September 2017. Available from: [http://splash247.com/one-five-pilot-transfers-deemed-](http://splash247.com/one-five-pilot-transfers-deemed-unsafe/)

[unsafe/](http://splash247.com/one-five-pilot-transfers-deemed-unsafe/)  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.*

5 September 2017. Available from: <http://www.goo.gl/NUkLL3>

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.

Boost to Man Overboard Detecting Regulations Needed. By Captain Abdelkhalik Kamal Eldin Soliman Selmy, Lecturer, Arab Academy for Science and Technology & Maritime Transport. *Maritime Executive*. 6 September 2017. Available from: <https://maritime-executive.com/editorials/boost-to-man-overboard-detecting-regulations-needed>

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

Keeping seafarers safe in extreme working conditions. By Revd Andrew Wright, *Missions to Seafarers*. *Safety at Sea*. 5 September 2017. Available from:

<https://www.safety4sea.com/keeping-seafarers-safe-extreme-working-conditions/>

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.

Man Overboard Incidents are Uncommon on Cruise Ships. *Maritime Executive*.


8 September 2017. Available from: <http://www.maritime-executive.com/editorials/man-overboard-incidents-are-uncommon-on-cruise-ships>

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 launches new guidance for seafarers on avoiding life boat accidents.

By Leslea Petersen. *Baltic and International Maritime Council (BIMCO)*. 11 September 2017.

Available from: <https://www.bimco.org/products/publications/free/avoid-life-boat-accidents>

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](#) 

Reducing the risk of propulsion loss – new guidance. *Bureau Veritas*. 11 September 2017.


Available from: <http://www.bureauveritas.com/home/news/business-news/reducing-the-risk-of-propulsion-loss-new-guidance>

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 calls for improved firefighting systems on board container vessels.

International Union of Marine Insurance (IUMI). 19 September 2017. Available from:


<https://iumi.com/news/press-releases/iumi-calls-for-improved-firefighting-systems-on-board-container-vessels>

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](#) 

After Deadly Collisions Navy will Broadcast Warship Locations in High Traffic Areas.

By Ben Werner. *US Naval Institute News*. 19 July 2017. Available from:

<https://news.usni.org/2017/09/19/deadly-collisions-navy-will-broadcast-warship-locations-high-traffic-areas>

 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).

Top four dangerous shipping statistics. *Port Technology International*. 27 September 2017. Available from: https://www.porttechnology.org/news/top_four_dangerous_shipping_statistics

⚠️ 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.

North P&I Club Recommends HA - Cyber Risk Assessment Platform to Members.

North P&I Club. 7 September 2017. Available from: <http://www.nepia.com/news/press-releases-area/north-pi-club-recommends-ha-cyber-risk-assessment-platform-to-members/>

North P&I Club has announced details of a new benefit for members to encourage them to better understand their vulnerabilities to cyber-risk and to improve their cyber security processes and systems.

Guidance on maritime security transit corridor. *Combined Maritime Forces*.

6 September 2017. Available from: <https://combinedmaritimeforces.com/2017/09/06/guidance-on-maritime-security-transit-corridor/> The following information from the Combined Maritime Forces (CMF) relates to transits through the Gulf of Aden, Bab Al Mandeb (BaM), Southern Red Sea, and associated waters.

CMF Commander's Conference in Bahrain discusses Maritime Security Transit Corridor.

Combined Maritime Forces. 7 September 2017. Available from:

<https://combinedmaritimeforces.com/2017/09/07/cmf-commanders-conference-in-bahrain-discusses-maritime-security-transit-corridor/> In his opening speech, at the Combined Maritime Forces (CMF) Commander's Conference held in Bahrain, CMF Commander, Vice Admiral Kevin Donegan, discussed the background behind the establishment of a "Maritime Security Transit Corridor" by CMF, as announced on 6th September.


Policing: An integral element of a virile maritime sector-NIMASA DG... Assures Nigerian Police Force of Continuous Collaboration. By Osichei Osamgbi. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 11 September 2017. Available from:

<http://www.nimasa.gov.ng/press-center/post/policing-an-integral-element-of-a-virile-marime-sector-nimasa-dg-assures-nigerian-police-force-of-continuous-collaboration> The DG stated this while receiving a delegation of the Police Force, Maritime Command led by the Commissioner of the Command, CP David Folawiyo who paid him a courtesy visit at the Nigerian Maritime Resource Development Centre (NMRDC), Lagos.

Cyber Attacks Threaten Shipping & Dominate Maritime News. By William P. Doyle, Commissioner, U.S. Federal Maritime Commission. *Maritime Logistics Professional*.

12 September 2017. Available from: <https://www.maritimeprofessional.com/news/cyber-attacks-threaten-shipping-dominate-309242> An internet security researcher identified as "x0rz" discovered that many shipboard VSAT systems can be penetrated through the public internet, making the findings live in real time on Twitter.

Protecting the maritime industry from cyber attacks. *UK Government.* 13 September 2017. Available from: <https://www.gov.uk/government/speeches/protecting-the-maritime-industry-from-cyber-attacks> Transport Minister Lord Callanan launches new guidance on how shipping organisations can deal with cyber threats


Ship security: cyber security code of practice. *UK Government.* 13 September 2017. Available from: <https://www.gov.uk/government/publications/ship-security-cyber-security-code-of-practice> Information on implementing and maintaining good cyber security practices on maritime vessels. [Code of Practice: cyber security for ships](#) 

Cocaine found on Danaos ship in Peru. By Gary Dixon. *TradeWinds.* 18 September 2017. Available from: <http://www.tradewindsnews.com/liner/1348616/cocaine-found-on-danaos-ship-in-peru> Local media said 121kg of the drug was found on the 3,400-teu *Dimitris C* (built 2001) at Ilo, according to police.

West Africa steps up battle against pirates and poachers. By Philippe Siuberski. *Citizen (South Africa).* 20 September 2017. Available from: <https://citizen.co.za/news/news-africa/1661229/senegal-army-fishing-transport-france/> Identity papers are demanded and the cargo is inspected: one of the crew members is not on the manifest of the "*Casimir*", which departed from Hong Kong, and their fishing licence has expired.

Shipping got off lightly in first cyber security attacks, say legal experts. By Jamey Bergman. *Marine Electronics and Communications.* 25 September 2017. Available from: http://www.marinemec.com/news/view.shipping-got-off-lightly-in-first-cyber-security-attacks-say-legal-experts_49273.htm Maritime law firm Ince & Co told Riviera Maritime Media that shipping has been slow to acknowledge the risks posed by cyber security threats - particularly from a business standpoint.

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> 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.

Extortion, electronic piracy and virtual kidnapping in the Maritime cluster. By Rhys Clift, Partner Hill Dickinson . *Maritime Cyprus.* 29 September 2017. Available from: <https://maritimecyprus.com/2017/09/29/extortion-electronic-piracy-and-virtual-kidnapping-in-the-maritime-cluster/> Crime exists wherever there is opportunity and inclination. [Full Paper](#) 

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 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 Lataarhe 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.

Maritime Institute to officially become University on September 28. By Peta-Gay Hodges. *Jamaica Information Service*. 20 September 2017. Available from: <http://jis.gov.jm/maritime-institute-officially-become-university-september-28/> The Caribbean Maritime Institute (CMI) will officially become Caribbean Maritime University on World Maritime Day, September 28, at an official Charter Day ceremony to be held at the National Arena in Kingston.

MIGRANTS

Boats carrying Rohingya fleeing from violence sink in Bangladesh, leaving 26 dead. *South China Morning Post*. 1 September 2017. Available from: <http://www.scmp.com/news/asia/southeast-asia/article/2109279/boats-carrying-rohingya-fleeing-violence-sink-bangladesh> Three boats carrying ethnic Rohingya fleeing violence in Myanmar capsized in Bangladesh and 26 bodies of women and children have been recovered, officials said on Thursday.

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.

Less than 5,000 Mediterranean arrivals in past week. *International Organization for Migration (IOM)*. 5 September 2017. Available from: <http://www.iom.int/news/less-5000-mediterranean-arrivals-past-week> IOM, the UN Migration Agency reports that 125,860 migrants and refugees entered Europe by sea in 2017 through 3 September.

UN Migration Agency, Polaris to Launch Global Data Repository on Human Trafficking. *International Organization for Migration (IOM)*. 6 September 2017. Available from: <http://www.iom.int/news/un-migration-agency-polaris-launch-global-data-repository-human-trafficking> Counter-trafficking specialists yesterday (05/09) announced the pre-launch of the Counter-Trafficking Data Collaborative (CTDC) at the 5th Global Compact for Migration (GCM) consultations in Vienna.

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).

Up to Three Quarters of Children and Youth Face Abuse, Exploitation and Trafficking on Mediterranean Migration Routes – IOM, UNICEF. *International Organization for Migration (IOM)*. 12 September 2017. Available from: <http://www.iom.int/news/three-quarters-children-and-youth-face-abuse-exploitation-and-trafficking-mediterranean> Migrant and refugee children and youth trying to reach Europe face appalling levels of human rights abuses, with 77 per cent of those traveling along the Central Mediterranean route reporting direct experiences of abuse, exploitation, and practices which may amount to human trafficking – IOM, the UN Migration Agency and UNICEF said today (12/09) in a new report.

Violence on Rise for Nigerian Migrants Traveling to Italy, UN Migration Agency Report Reveals. *International Organization for Migration (IOM)*. 12 September 2017. Available from: <http://www.iom.int/news/violence-rise-nigerian-migrants-traveling-italy-un-migration-agency-report-reveals> Findings released by IOM, the UN Migration Agency in its latest thematic Flow Monitoring Survey for the central Mediterranean route provide analysis of Nigerian migrants' profiles and experiences while en route to Italy (direct or witnessed) with regard to human trafficking indicators in 2016 and 2017.

Smugglers make test runs with migrants across even more deadly Black Sea route. By Kit Gillet. *The Guardian*. 12 September 2017. Available from: <https://www.theguardian.com/global-development/2017/sep/12/smugglers-make-test-runs-with-migrants-across-even-more-deadly-black-sea-route-romania> A dangerous new route for refugees trying to reach Europe is thought to have opened up in the Black Sea, which coastguards in Romania are warning could prove more deadly than the current Mediterranean crossings.

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.

Mediterranean Migrant Arrivals Reach 128,863 in 2017; Deaths Reach 2,550. *International Organization for Migration (IOM)*. 15 September 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-128863-2017-deaths-reach-2550> IOM, the UN Migration Agency, reports that 128,863 migrants and refugees entered Europe by sea in 2017 through 13 September, with over 75 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

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.

Indian Maritime Forces Seek to Keep Out Rohingya Refugees. *Maritime Executive.*

19 September 2017. Available from: <http://www.maritime-executive.com/article/indian-maritime-forces-seek-to-keep-out-rohingya-refugees> India's military is attempting to secure the country's maritime borders to prevent the entry of Rohingya refugees, who are fleeing Myanmar to escape what UN officials describe as a "systematic attack" by government forces.

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> 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.

Mediterranean Migrant Arrivals Reach 131,772 in 2017; Deaths Reach 2,556.

International Organization for Migration (IOM). 19 September 2017. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-131772-2017-deaths-reach-2556> IOM, the UN Migration Agency, reports that 131,772 migrants and refugees entered Europe by sea in 2017 through 17 September, with over 75 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Rescue ship says Libyan coast guard shot at and boarded it, seeking migrants. By Steve Scherer. *Reuters.* 26 September 2017. Available from: <https://www.reuters.com/article/us-europe-migrants-libya-ngo/rescue-ship-says-libyan-coast-guard-shot-at-and-boarded-it-seeking-migrants-idUSKCN1C12I4>

A Libyan coast guard vessel fired shots and boarded a humanitarian ship in the Mediterranean on Tuesday, demanding that the migrants on board be handed over to them, a spokesman for the Mission Lifeline charity said.

Total dead reaches 23 following yesterday's capsizes 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-capsizes-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.

At least 15 dead including 9 children as boat carrying over 100 Rohingya capsizes in Bay of Bengal. *International Organization for Migration (IOM).* 29 September 2017. Available from: <http://www.iom.int/news/least-15-dead-including-9-children-boat-carrying-over-100-rohingya-capsizes-bay-bengal>

A boat packed with approximately 100 Rohingya desperately escaping violence in Myanmar capsized in the rough seas of the Bay of Bengal this evening (28/09), while en route to Bangladesh.

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.

HMM Completes its First Blockchain Pilot Voyage. Hyundai Merchant Marine (HMM).

7 September 2017. Available from:

https://www.hmm21.com/cms/company/engn/introduce/prcenter/news/1202833_7540.jsp

HMM, with other members of shipping and logistics blockchain consortium, have conducted its first pilot voyage from Korea to China (Busan to Qingdao) with reefer containers from August 24th to September 4th.

IoT at sea will revolutionise global supply chains. By Martyn Wingrove.

Marine Electronics and Communications. 6 September 2017. Available from:

http://www.marinemec.com/news/view,iot-at-sea-will-revolutionise-global-supply-chains_49068.htm

Technology based on the 'internet of things' (IoT) will ultimately allow maritime supply chain members to track individual container consignments precisely.

New MoU with Samsung Heavy Industries to deliver smart ships. Inmarsat.

5 September 2017. Available from: <https://www.inmarsat.com/news/new-mou-samsung-heavy-industries-deliver-smart-ships/> Inmarsat has signed a ground-breaking Memorandum of Understanding (MoU) with Samsung Heavy Industries (SHI), leveraging the 'smart ship' connectivity offered by Fleet Xpress at the vessel construction stage.

Inmarsat Maritime unveils 'Fleet Secure' a managed service to power cyber resilience at sea. Inmarsat.

13 September 2017. Available from: <https://www.inmarsat.com/press-release/inmarsat-maritime-unveils-fleet-secure-managed-service-power-cyber-resilience-sea/> Fleet Secure is the maritime industry's first and only fully-managed service to detect vulnerabilities, respond to threats and protect ships from widespread cyberattack.

First ever marine type approval system for cyber enabled components announced.

Lloyd's Register. 12 September 2017. Available from: <http://www.lr.org/en/news-and-insight/news/first-ever-marine-type-approval-system-for-cyber-enabled-components-announced.aspx> LR releases Type Approval Requirements for components within Cyber Enabled Systems on board Ships – Procedure for Network and Network-related devices.

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-e5effe7e018c> 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).

Slowing down navigation to protect marine life. *Ship-Technology.Com*. 25 September 2017. Available from: <http://www.ship-technology.com/features/featureslowing-down-navigation-to-protect-marine-life-5921007/> With 27 major marine cargo terminals and three Class I railroads, the Port of Vancouver is Canada's largest and busiest container port.

PIRACY

The key to prosecuting pirates? Cooperation. By Mark Chadwick. *World Economic Forum*. 29 August 2017. Available from: <https://www.weforum.org/agenda/2017/08/the-key-to-prosecuting-pirates-cooperation/> Pirates are notoriously hard to capture.

Pirates Foiled in Stealing Oil from Product Tanker off Malaysia. *World Maritime News*. 7 September 2017. Available from: <http://worldmaritimeneeds.com/archives/229166/pirates-foiled-in-stealing-oil-from-product-tanker-off-malaysia/> Thai-flagged product tanker *MGT 1* was boarded on September 6 by a group of pirates who tried to take the ship's oil cargo while the vessel was underway from Rayong port, Thailand to the Andaman Sea.


Abduction in Sabah waters still a concerning issue. By Neil Brian Joseph. *Borneo Post*. 13 September 2017. Available from: <http://www.theborneopost.com/2017/09/13/abduction-in-sabah-waters-still-a-concerning-issue/> The abduction of crew members from ships in the Sulu-Celebes Sea and waters off eastern Sabah is still a concerning issue in the state, despite a decrease in the number of reported cases.

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> 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.

Five abducted from ship off Nigeria. *World Maritime News*. 20 September 2017. Available from: <http://worldmaritimeneeds.com/archives/230293> The incident occurred in the evening hours of September 18.

PORT STATE CONTROL

Foreign flagged ships under detention in the UK during August 2017. *UK Maritime & Coastguard Agency*. 7 September 2017. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-under-detention-in-the-uk-during-august-2017> During August, there was one new detention of foreign flagged vessels in a UK port.

Bulk Carrier caught underpaying crew. *Australian Maritime Safety Authority (AMSA)*. 14 September 2017. Available from: https://www.amsa.gov.au/media/documents/14092017_DL_Carnation_banned_from_Australia_for_underpaying_crew.pdf  The Australian Maritime Safety Authority (AMSA) has banned the Panama flagged bulk carrier *DL Carnation* for 12 months after the vessel was discovered keeping two sets of wage accounts, covering up the underpayment of crew

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/> 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.

The 28th meeting of the Tokyo MOU Port State Control Committee held in Vladivostok.

Tokyo MoU. 25 September 2017. Available from: <http://www.tokyo-mou.org/doc/psc28-press-release.pdf> The Port State Control Committee, the governing body under the Memorandum of Understanding on Port State Control in the Asia-Pacific Region (Tokyo MOU), held its Twenty-Eighth meeting in Vladivostok, the Russian Federation, from 18 to 21 September 2017, inviting Mr. Kitack Lim, Secretary-General of IMO, to the opening ceremony.

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/> 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.

Developing port infrastructure via PPP. *This Day (Nigeria)*. 1 September 2017.

Available from: <http://www.thisdaylive.com/index.php/2017/09/01/developing-port-infrastructure-via-ppp/> With a vast and extensive natural maritime endowment base comprising a coastline of over 800 kilometers(kms), an exclusive economic zone of over 200 nautical miles, the Nigerian maritime sector has the potential to accelerate Nigeria's economic development beyond its crude oil revenue earnings.

Russian Gov't to inject RUB 150 million in Arctic development program until 2025.

Port News. 31 August 2017. Available from: <http://www.en.portnews.ru/news/244835/> Russian Prime Minister Dmitry Medvedev gave the green light to extend the State Program "Social and Economic Development of the Arctic Area 2020" for the period until 2025, the government press office said.

Construction begins on Port of Posorja in Ecuador. *Container Management Magazine*.

4 September 2017. Available from: <http://container-mag.com/2017/09/04/construction-begins-port-posorja-ecuador/> Construction has begun on the greenfield multi-purpose port project at Posorja, Ecuador, with work expected to take 24 months to complete.

Ports ready to ease shipping backlog after Harvey. By Andrea Rumbaugh.

Houston Chronicle (US). 2 September 2017. Available from:

<http://www.houstonchronicle.com/news/article/Ports-ready-to-ease-shipping-backlog-after-Harvey-12168735.php> More ships sailed into the Houston Ship Channel on Friday in what will be a parade of vessels laden with crude oil, consumer goods and cruise passengers that have been unable to dock in a region devastated by Hurricane Harvey.

Incident shuts down Prince Rupert Fairview Container Terminal. *World Maritime News.* 5 September 2017. Available from: <http://worldmaritimeneews.com/archives/228965/> 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).* 4 September 2017. Available from: <http://www.thestar.com.my/news/nation/2017/09/04/five-new-ports-to-join-china-malaysia-port-alliance/> Five new ports in Malaysia and China are set to join the China-Malaysia Port Alliance (CMPA).

Ports go paperless; System to be fully tested today. By Victor Kwawukume. *Graphic Online (Ghana).* 4 September 2017. Available from: <https://www.graphic.com.gh/news/general-news/ports-go-paperless-system-to-be-fully-tested-today.html> 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.

One Hundred Ports 2017. *Lloyd's List.* September 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/one-hundred-container-ports-2017> 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.

Central Arctic port proposal approved. *Green Port.* 5 September 2017. Available from: <http://www.greenport.com/news101/americas/central-arctic-port-proposal-approved> 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.* 5 September 2017. Available from: <http://www.aljazeera.com/video/news/2017/09/qatar-emir-officially-inaugurates-hamad-port-170905110351179.html> 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.* 8 September 2017. Available from: <http://www.portofoakland.com/press-releases/port-oakland-wants-ships-shore-power-clear-air/> Port of Oakland Executive Director Chris Lytle met with international shipping lines here this week to clear the air – literally.

First Ultra-Large Containership Call Kicks Off 'Big Ship Era' for Port of New York and New Jersey. By Mike Schuler. *gCaptain.* 8 September 2017. Available from: <http://gcaptain.com/first-ultra-large-containership-call-kicks-off-big-ship-era-port-new-york-new-jersey/> 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.

Southeast Asian ports thirst for more seaborne trade. By Simon Roughneen. *Nikkei Asian Review.* 7 September 2017. Available from: <https://asia.nikkei.com/magazine/20170907/Politics-Economy/Southeast-Asian-ports-thirst-for-more-seaborne-trade> 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.

Port of Tyne introduces welfare fund to support merchant shipping. *Port of Tyne (UK)*. 11 September 2017. Available from: <http://www.portoftyne.co.uk/news/port-of-tyne/port-of-tyne-introduces-welfare-fund-to-support-merchant-shipping/> The Port of Tyne welfare fund has created an option for shipping lines to pay a voluntary levy each time one of their vessels come into Port.

India's Investment in Port Technology Boosts Productivity.

Port Technology International. 12 September 2017. Available from:

https://www.porttechnology.org/news/indias_investment_in_port_tech_boosts_productivity 

India's 12 major ports handled 273.96 million tonnes of cargo between April to August 2017, an overall growth of 3.26% against the 265.31 million tonnes handled during the corresponding period in 2016, according to the Indian Port Association.

Cruise ship bunker fuel emissions to be monitored by Tasmania's environmental watchdog. **By Georgina Burgess.** *ABC (Australia)*. 10 September 2017. Available from:

<http://www.abc.net.au/news/2017-09-10/cruise-ship-bunker-fuel-to-be-monitored-in-hobart/8889826> Tasmania's environmental watchdog will monitor emissions from bunker fuel from cruise ships while they are in port.

Global Port Throughput Maintains Upward Trend. *Maritime Executive*. 14 September 2017.

Available from: <http://www.maritime-executive.com/article/global-port-throughput-maintains-upward-trend> Shanghai International Shipping Institute recently published its Global Port Development Report for the second quarter of 2017, saying that cargo throughputs at major ports around the world continued to rise.


Linesmen, EU-wide agreement on safety. **By Alberto Quarati.** *MediTelegraph (Italy)*.

16 September 2017. Available from: <http://www.goo.gl/tmrtdtn> A minimum common safety standard to be applied at all European ports.

Hong Kong port looks to ride out container shipping turmoil. **By Jonathan Saul.** *Reuters*.

15 September 2017. Available from: <https://www.reuters.com/article/shipping-hongkong/hong-kong-port-looks-to-ride-out-container-shipping-turmoil-idUSL5N1LV4UJ> The global container industry, which transports everything from bananas to iPhones, is showing signs of better returns after a near-decade long slump.

Acquisition of Dubai Maritime City and Drydocks World. *DP World*. 18 September 2017.

Available from: <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.

Incheon plays host to international league of port-city universities. **By Yee Jae-Eun.**

Korea Joongang Daily. 25 September 2017. Available from:

<http://koreajoongangdaily.joins.com/news/article/article.aspx?aid=3038828> From Sept. 18 to 20, Incheon National University hosted the 11th meeting of the Port-City Universities League at the Songdo Convensia.

Inquiry launched into ship fire at Port of Tauranga. **By Sandra Conchie.**

New Zealand Herald. 24 September 2017. Available from:

http://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=11925812 The Transport Accident Investigation Commission has launched an inquiry into the fire on board the Hong Kong-registered cargo ship *Kokopo Chief* berthed at the Port of Tauranga.

IMC 2030 Strategic Review outlines vision for Maritime Singapore to be the global maritime hub for connectivity, innovation and talent. *Maritime and Port Authority of Singapore (MPA)*. 22 September 2017. Available from:

<http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/26725b66-91af-47ff-85b4-05db8a1a7c2d> The International Maritime Centre (IMC) 2030 Advisory Committee, established by the Maritime and Port Authority of Singapore (MPA) in August 2016, has submitted the IMC 2030 Strategic Review report to the Singapore Government.

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.

ILO helps launch programme supporting seafarers' welfare in ports. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 27 September 2017. Available from:

<http://seafarerswelfare.org/news-and-media/latest-news/ilo-helps-launch-programme-supporting-seafarers-welfare-in-ports> The maritime community turned out in force to support the launch of our International Port Welfare Partnership Programme (IPWP), which took place in Trinity House during London International Shipping Week 2017.

Kandla Port renamed as Deendayal Port. *Government of India*. 26 September 2017.

Available from: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=171120> The Ministry of Shipping has issued a notification renaming Kandla Port Trust as Deendayal Port Trust with effect from 25th of September, 2017.

Fiji Ports actively promote good energy management. *Fiji Sun Online*. 27 September 2017.

Available from: <http://fijisun.com.fj/2017/09/27/fiji-ports-actively-promote-good-energy-management/> Fiji Ports will continue to incorporate good energy management principles into all its policies for its companies and operations.

Genoa's grand plans are dredging success story. By Marco Vaccari and Tony Tran.

Maritime Executive. 27 September 2017. Available from: [http://maritime-](http://maritime-executive.com/editorials/genoas-grand-plans-are-dredging-success-story)

[executive.com/editorials/genoas-grand-plans-are-dredging-success-story](http://maritime-executive.com/editorials/genoas-grand-plans-are-dredging-success-story) Italy's Port of Genoa faced a range of urban planning and environmental protection challenges during land reclamation works for construction of two new container terminals over the last 10 years.

LNG imports: Separate port security force under study. By Zafar Bhutta. *Express Tribune*

(Pakistan). 28 September 2017. Available from: <https://tribune.com.pk/story/1518085/lng-imports-separate-port-security-force-study/> As more LNG terminals are planned in Karachi, the government is considering a proposal to set up an independent security force for the ports and the vessels carrying the fuel.

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.

Hapag-Lloyd recycles three container ships in an environmentally friendly manner.

Hapag-Lloyd. 25 September 2017. Available from: [https://www.hapag-](https://www.hapag-lloyd.com/en/press/releases/2017/09/sustainable-ship-recycling.html)

[lloyd.com/en/press/releases/2017/09/sustainable-ship-recycling.html](https://www.hapag-lloyd.com/en/press/releases/2017/09/sustainable-ship-recycling.html) The liner shipping company Hapag-Lloyd has now completed the sale of three of its older container ships.

REGULATIONS

A new guide to the Ballast Water Convention. Danish Shipping. 5 September 2017.

Available from: <https://www.danishshipping.dk/en/press/news/a-new-guide-to-the-ballast-water-convention/> Danish Shipping launches a new guide regarding the implementation of the Ballast Water Management Convention, which will enter into force on 8 September 2017.

[The Little Blue Book on Ballast Water](#) 

China: Emission Control Areas *Update*. North P&I Club. 5 September 2017. Available from:

<http://www.nepia.com/insights/industry-news/china-emission-control-areas-starupdatestar/>

Convention to protect New Zealand ports and waters. Maritime New Zealand. 11 September

2017. Available from: <http://www.maritimenz.govt.nz/public/news/media-releases-2017/20170911a.asp> Keeping New Zealand waters and ports free of ecological pests and diseases is the purpose of new maritime laws that have come into force.

WWF urges Canada to go above and beyond as it updates Arctic shipping regulations. By

Sara Frizzell. *Canadian Broadcasting Corporation (CBC)*. 8 September 2017. Available from:

<http://www.cbc.ca/news/canada/north/wwf-canada-shipping-polar-code-grey-water-1.4281560>

Environmental groups are calling on Transport Canada to go beyond new international standards for safety and pollution, as it updates national Arctic shipping regulations.


The Baltic Sea is well prepared for the entry into force of the Ballast Water Management Convention. Baltic Marine Environment Protection Commission (HELCOM). 8 September 2017.

Available from: <http://www.helcom.fi/news/Pages/The-Baltic-Sea-is-well-prepared-for-the-entry-into-force-of-the-Ballast-Water-Management-Convention.aspx> The International Convention for the Control and Management of Ships' Ballast Water and Sediments, originally signed in 2004, enters into force today 8 September 2017.

Kicking the habit. By Richard Clayton. *Lloyd's List*. 8 September 2017. Available from: <https://lloydlist.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.

TT Club: Automation Insurance and SOLAS VGM Doubts. *Port Technology International*. 14 September 2017. Available from: <https://www.porttechnology.org/news/tt-club-explains-shipping-insurance-and-doubts-solas-vgm>  Peregrine Storrs-Fox, TT Club's Risk Management Director, has explained port and terminal insurance risk assessments and also shared doubts about SOLAS VGM compliance in a new Port Technology interview.

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-seek-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.

International regulation will delay large autonomous vessels. By Anastassios Adamopoulos. *Lloyd's List*. 14 September 2017. Available from: <https://lloydlist.maritimeintelligence.informa.com/LL111428/International-regulation-will-delay-large-autonomous-vessels> Regulation, not technology, will be the primary barrier for autonomous vessels, experts argued during a panel discussion at London International Shipping Week.

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://lloydlist.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.

Rules need changing for autonomous ships. By Martyn Wingrove.

Marine Electronics and Communications. 19 September 2017. Available from:

http://www.marinemec.com/news/view,rules-need-changing-for-autonomous-ships_49211.htm

✎ Editor Martyn Wingrove highlights how much IMO regulations need to be updated to enable unmanned ships to sail in international waters.

Dorian LPG selects ABS to evaluate LPG as fuel and other 2020 compliance options. ABS (American Bureau of Shipping).

20 September 2017. Available from:

<https://ww2.eagle.org/en/news/press-room/2017/Dorian-LPG-Selects-ABS-to-Evaluate-LPG-as-Fuel-and-other-2020-Compliance-Options.html> ABS, a leading provider of classification and technical services to the marine and offshore industries, has been selected by Dorian LPG to provide an in-depth techno-economic analysis, laying out compliance options for impending global sulfur cap requirements.

Biofouling attention turns from tank to hull. *The Motorship*.

22 September 2017. Available from:

<http://www.motorship.com/news101/industry-news/biofouling-attention-turns-from-tank-to-hull> A new study into the extent to which biofouling on ships' hulls is contributing to the spread of invasive aquatic species in the Mediterranean Sea - a phenomenon commonly associated with ship ballasting operations - highlights the extent of the problem.

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://worldmaritimeweb.com/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."

Women no more at sea in the shipping industry. By P. Manoj. *The Hindu (India).*

1 September 2017. Available from:

<http://www.thehindubusinessline.com/economy/logistics/women-are-no-more-at-sea-in-the-shipping-industry/article9840742.ece> "There is a lack of awareness (among women) on shipping as a career," says Sanjam Sahi Gupta, Director at Sitara Shipping Ltd and Astral Freight Forwarders Ltd.

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/>

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> 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.

Shipping's recovery insufficient to lift seafarer wage costs. *Drewry Shipping Consultants.*


4 September 2017. Available from: <https://www.drewry.co.uk/news/news/shippings-recovery-insufficient-to-lift-seafarer-wage-costs>

The lack of confidence in the industry has seen wage increases almost at a standstill since 2009, and over the past year average officer rates have slid into reverse.

ITF inspectors help *Polar Star* crew home. *ITF Seafarers.* 1 September 2017. Available from:

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.

Chennai 6 Awareness Film & Family Impact Statement Released. *Human Rights at Sea (HRAS).* 5 September 2017. Available from:

<https://www.humanrightsatsea.org/chennai-6-awareness-film-family-impact-statement-released/>  Human Rights at Sea continues to support the case of the crew of the *MV Seaman Guard Ohio*, including the British maritime security guards who were detained on 12th October 2013 in the Indian Port of Tuticorin for possession of illegal arms and environmental pollution.

Seafarer Statistics in the EU - Statistical review (2015 data STCW-IS).

European Maritime Safety Agency (EMSA). 5 September 2017. Available from:

<http://www.emsa.europa.eu/publications/technical-reports-studies-and-plans/item/3094-seafarer-statistics-in-the-eu-statistical-review-2015-data-stcw-is.html> The statistical review presented in this report is based on data extracted from certificates and endorsements registered by EU Member States until 31 December 2015 and recorded in the STCW Information system.

[Statistics on Seafarers in EU - 2015](#)  [Infographic](#)

Magna Carta of Filipino Seafarers. By Brenda V.Pimentel. *Manila Times.*


9 September 2017. Available from: <http://www.manilatimes.net/magna-carta-filipino-seafarers/349544/>

House Bill (HB) No. 5685 entitled "Instituting the Magna Carta of Filipino Seafarers" impresses me as an initiative of translating into national law the Maritime Labour Convention, 2006 (MLC 2006), which the Philippines ratified about five years back.

Maritime agencies unite during London Shipping Week to launch seafarers' welfare partnership programme and debate fair shipping. *International Port Welfare Programme (IPWP).* September 2017. Available from: <https://www.portwelfare.org/ipwp-launch.html>

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.

New ITF criminalisation toolkit for seafarer unions. *International Transport Workers' Federation (ITF).* 13 September 2017. Available from: <http://www.itfglobal.org/en/news-events/news/2017/september/new-itf-criminalisation-toolkit-for-seafarer-unions/>

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](#) 

SeafarerHelp named Shoreside Team of the Year. *International Seafarers' Welfare and Assistance Network (ISWAN).* 12 September 2017. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/seafarerhelp-named-shoreside-team-of-the-year> ISWAN'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](#)

'Sailors stressed and fighting the deep blues'. *Hellenic Shipping News.* 18 September 2017. Available from: <http://www.hellenicshippingnews.com/sailors-stressed-and-fighting-the-deep-blues/> Little contact with family members, living in confined spaces and always being on call take a heavy psychological toll on seafarers.

ITF calls for action on *MV Queen Binanga's* abandoned crew. *World Maritime News.* 20 September 2017. Available from: <http://worldmaritimeneeds.com/archives/230325> 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).

ILO steps up moves to protect migrant fishers. *Maritime Executive.* 23 September 2017. Available from: <http://maritime-executive.com/article/ilo-steps-up-moves-to-protect-migrant-fishers> The International Labour Organization (ILO) adopted a resolution aimed at boosting protection for migrant fishers last week.

Tripartite Meeting on issues relating to Migrant Fishers. *International Labour Organization (ILO).* 22 September 2017. Available from: http://www.ilo.org/sector/activities/sectoral-meetings/WCMS_552792/lang--en/index.htm 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.

2 Vietnamese dead, 5 arrested in chase with Philippine navy. By Jim Gomez.

Philippine Star. 25 September 2017. Available from: <http://www.philstar.com/world/2017/09/25/1742428/2-vietnamese-dead-5-arrested-chase-philippine-navy> 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/> 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.

Irish Times. 27 September 2017. Available from: <https://www.irishtimes.com/news/ireland/irish-news/cork-auctioneer-to-sell-vessel-detained-in-crew-wages-dispute-1.3235999> The fate of 12 predominantly Indian crew who gained international attention when their employer failed to pay them for more than a year may be determined by a Cork auctioneer.

Crew abandoned after right-wing activists end charter. *Maritime Executive*.

28 September 2017. Available from: <http://maritime-executive.com/editorials/crew-abandoned-after-right-wing-activists-end-charter> The *C Star*, a floating armory chartered by the far-right group Defend Europe to protest maritime migration rescue efforts, has allegedly been left to fend for herself, without replenishment or access to ports.

SEARCH AND RESCUE

Mediterranean rescue ship moves to Myanmar to save Rohingya. *BBC News*.

4 September 2017. Available from: <http://www.bbc.co.uk/news/world-europe-41148552> The Migrant Offshore Aid Station (MOAS) is relocating from Malta, where it has been rescuing migrants since 2014, to the waters off Myanmar.

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/> Following recent developments in the Central Mediterranean, MOAS has taken the decision to strategically redeploy its operations to South East Asia.

Brave rescue saves 20 lives after ship sinks off Oman coast. *Times of Oman*.

3 September 2017. Available from: <http://timesofoman.com/article/116317/Oman/Crew-rescued-after-Tanzanian-ship-sinks-off-Oman-coast> Twenty crew members of a Tanzanian ship were rescued by an Omani Good Samaritan after their ship sank on Saturday, the Royal Oman Police (ROP) announced.

CTF 151 continues to support mariners in distress. *Combined Maritime Forces*.

11 September 2017. Available from: <https://combinedmaritimeforces.com/2017/09/11/ctf151-continues-to-support-mariners-in-distress/> Republic of Korean Navy warship *ROKS Dae Jo Yeong*, working for Combined Task Force (CTF) 151, conducted a safety of life at sea (SOLAS) operation for the second time in a week.

Rescuers to be Nominated for Nobel Peace Prize. *Maritime Executive*. 17 September 2017.

Available from: <http://www.maritime-executive.com/article/rescuers-to-be-nominated-for-nobel-peace-prize> An international group of citizens in Parma, Italy, is preparing to nominate 66 people and organizations involved in migrant rescues in the Mediterranean for the 2018 Nobel Peace Prize.

Rescuers from across Europe take part in lifeboat crew exchange. *International Maritime Rescue Federation*. 25 September 2017. Available from: <https://www.international-maritime-rescue.org/10-news/2526-rescuers-from-across-europe-take-part-in-lifeboat-crew-exchange>

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/QAfdKB> 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.

German Ship Repairer To Build Ship Repair Dockyard And Floating Docks.

By Avia Collinder. *The Gleaner (Jamaica)*. 15 September 2017. Available from:

<http://jamaica-gleaner.com/article/business/20170915/german-ship-repairer-build-ship-repair-dockyard-and-floating-docks>

The joint-venture company building out a dockyard for boat repair in Jamaica is training workers for the business, even as it finalises financing to further ramp up the operation.

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

MAN Diesel & Turbo. 20 September 2017. Available from: <http://www.goo.gl/Bw8UdV>
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 take-over 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.

Wärtsilä Corporation. 20 September 2017. Available from: <http://www.goo.gl/Thkq4J>
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> 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.

Ship & Bunker. 27 September 2017. Available from: <https://shipandbunker.com/news/emea/323540-rosneft-and-sovcomflot-ink-agreement-for-five-lng-powered-afamax-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. By Will Owen.

LNG Industry. 27 September 2017. Available from: <https://www.lngindustry.com/liquid-natural-gas/27092017/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 to support the building of Yara Birkeland.

Yara. 28 September 2017. Available from: http://yara.com/media/news_archive/enova_to_support_the_building_of_yara_birkeland.aspx 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'.

By Deanna MacDonald, CEO, Blockchain Labs for Open Collaboration.

Splash 24/7. 1 September 2017. Available from: <http://splash247.com/implications-interoperable-data-sharing-platform-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.

Moore Stephens. 31 August 2017. Available from: <http://www.moorestephens.co.uk/news-views/august-2017/shipping-beware-exposure-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](#) 

Bureau Veritas releases new rules for offshore service vessels and tugs. *Bureau Veritas*. 31 August 2017. Available from: <http://www.bureauveritas.com/home/news/business-news/bureau-veritas-releases-new-rules-for-offshore-service-vessels-and-tugs> Bureau Veritas has issued new rules for the Classification of Offshore Service Vessels and Tugs, including new class notations for pipelay vessels, accommodation units, offshore construction vessels and support vessels.

GoodShipping: new initiative empowers cargo owners to cut their carbon footprint. *Ship-Technology.Com*. 4 September 2017. Available from: <http://www.goo.gl/Eo24of> The shipping industry remains under scrutiny from environmentalists as to how it will reduce its carbon emissions.

Unmanned 'ghost' ships are coming – but they could cost the cargo industry dearly. **By Christian Matthews.** *The Conversation*. 4 September 2017. Available from: <https://theconversation.com/unmanned-ghost-ships-are-coming-but-they-could-cost-the-cargo-industry-dearly-83324> The *Yara Birkeland* isn't an ordinary cargo ship.

Asia's main archipelagos eye bigger share of maritime trade. **By Simon Roughneen.** *Nikkei Asian Review*. 1 September 2017. Available from: <https://asia.nikkei.com/Politics-Economy/Economy/Asia-s-main-archipelagos-eye-bigger-share-of-maritime-trade> 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.

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.

ICS Chairman Calls on All Parties to Ensure Successful Implementation of Ballast Convention. *International Chamber of Shipping (ICS)*. 6 September 2017. Available from: <http://www.ics-shipping.org/news/press-releases/2017/09/06/ics-chairman-calls-on-all-parties-to-ensure-successful-implementation-of-ballast-convention> The International Maritime Organization (IMO) Ballast Water Management (BWM) Convention will enter into force on 8 September 2017.

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 Next Big Thing: Expedition Cruises. By Allan E. Jordan. *Maritime Executive*.

3 September 2017. Available from: <http://maritime-executive.com/article/the-next-big-thing-expedition-cruises> The next "big thing" in cruising may not be big at all. Mirroring the global surge in adventure tourism, the cruise industry is preparing to introduce 15 expedition ships over the next two years.

Genoil, Russian institutions to develop desulphurisation project to meet IMO 2020 regulation. By Lee Hong Liang. *Seatrade Maritime News*. 7 September 2017. Available from:

<http://www.seatrade-maritime.com/news/americas/genoil-russian-institutions-to-develop-desulphurisation-project-to-meet-imo-2020-regulation.html> Clean technology engineering firm Genoil has teamed up with two Russian institutions to design a low-cost desulphurisation project aimed at meeting the IMO 0.5% global sulphur cap regulation in 2020.

Cost, productivity benefits of automated shipping and ports questioned.

By Marcus Hand. *Seatrade Maritime News*. 7 September 2017. Available from:

<http://www.seatrade-maritime.com/news/asia/cost-and-productivity-benefits-of-automated-shipping-and-ports-questioned.html> While Wartsila may have carried out a successful test of an autonomous offshore vessel last month those representing the workers in the transport industry question both the productivity and economics of automated ships and ports.

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/>

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.

New IACS Chairman Knut Ørbeck-Nilssen prioritises modernisation and transparency.

International Association of Classification Societies (IACS). 6 September 2017. Available from:

<http://www.iacs.org.uk/news/iacs-press-release-sept-6-2017/> Speaking at a press conference in London, new IACS Chairman, Knut Ørbeck-Nilssen, CEO of DNV GL – Maritime, announced a series of initiatives designed to ensure that IACS provides the support its stakeholders need in a rapidly changing industry.

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.goo.gl/r6cwEK> 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 Northern Sea Route is completely ice-free and shipping thrives. By Atle Staalesen.

Independent Barents Observer (Norway). 6 September 2017. Available from:

<https://thebarentsobserver.com/en/2017/09/northern-sea-route-completely-ice-free-and-shipping-thrives> In waters normally covered by thick ice, ships are today sailing easily and without escorts.

LNG Shipping; More than 500 LNG Vessels Chasing a Growing Number of Cargoes, in Improving Outlook. By Nikos Roussanoglou. *Hellenic Shipping News*. 8 September 2017.

Available from: <http://www.hellenicshippingnews.com/lng-shipping-more-than-500-lng-vessels-chasing-a-growing-number-of-cargoes-in-improving-outlook/> In a recent note on the market's outlook, Cosco Shipping said that at the end of 2016, there were a total of 478 LNG vessels in operation around the world.

Speech by Commissioner Bulc at the Conference Strengthening maritime transport through new technologies. Autonomous shipping: the key to the future.

European Commission. 7 September 2017. Available from: <http://www.goo.gl/kziXog>

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

Fewer emissions from advanced new ship. *ITV News (UK)*. 7 September 2017.

Available from: <http://www.itv.com/news/meridian/update/2017-09-07/fewer-emissions-from-advanced-new-ship/> 📺 The world's first dual-fuel ship has visited Southampton.

How do ships avoid hurricanes? *UK Chamber of Shipping*. 7 September 2017.

Available from: <https://www.ukchamberofshipping.com/latest/how-do-ships-avoid-hurricanes/>

Hurricane Irma, much like its predecessor Hurricane Harvey, has sent shipping into disarray, particularly for cruise passengers.

Cruise Lines International Association Releases 2017 Asia Cruise Trends Report and North Asia Economic Impact Study. *Cruise Lines International Association (CLIA)*.

7 September 2017. Available from: <http://www.goo.gl/GMB6Bu> The Cruise Lines International Association, today, releases the findings from two new reports about the Asian Cruise market.

Cruise Ships Join Caribbean Support Efforts after Irma. *Maritime Executive*.

9 September 2017. Available from: <http://www.maritime-executive.com/article/cruise-ships-join-caribbean-support-efforts-after-irma> 📺 Several cruise lines are sending ships to the Caribbean after Hurricane Irma hit the region last week.

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.

Shipping 2030 Asia: The Innovation Imperative. *Hellenic Shipping News*.

12 September 2017. Available from: <http://www.hellenicshippingnews.com/shipping-2030-asia-the-innovation-imperative/> Regulators must be flexible enough to enforce regulations only in critical areas and organizations need to step up to their corporate responsibility commitments, enforcing safety standards when innovating services.

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.

Don't bank on sulphur cap deadline roll back, experts warn . *By David Osler*.

Lloyd's List. 11 September 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL111341/Dont-bank-on-sulphur-cap-deadline-roll-back-experts-warn> Delays to the implementation of the International Maritime Organization sulphur cap in 2020 look highly unlikely, and the industry needs to be roll-out ready whether it likes it or not, according to high-level speakers at a Lloyd's List business briefing.

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'.

Disappointing reflections on London International Shipping Week. By Ed King, Founding Editor, Climate Home. *Splash 24/7*. 14 September 2017. Available from: <http://splash247.com/disappointing-reflections-london-international-shipping-week/> Cognitive dissonance - that's the best way I can describe the three sessions I've attended at London International Shipping Week 2017 so far.

Shipping sector at climate tipping point. *London International Shipping Week (LISW)*. 13 September 2017. Available from: <https://londoninternationalshippingweek.com/shipping-sector-at-climate-tipping-point/> The shipping industry must and can play a significant role in addressing global warming by reducing its GHG emissions.

"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.

Shaping the Future of Shipping: ICS Launches New Brand. *International Chamber of Shipping (ICS)*. 13 September 2017. Available from: <http://www.ics-shipping.org/news/press-releases/2017/09/13/shaping-the-future-of-shipping-ics-launches-new-brand> The International Chamber of Shipping (ICS) has used London International Shipping Week to launch a new brand identity, to better serve its important role as the global trade association for shipowners, representing national shipowners' associations from 37 countries and over 80% of the world merchant fleet.

Negative media reports on environmental impact of cruise 'unfair', says Clia Europe vice chairman. By Juliet Dennis. *Travel Weekly*. 13 September 2017. Available from: <http://www.travelweekly.co.uk/articles/287344/negative-media-reports-on-environmental-impact-of-cruise-unfair-says-clia-europe-vice-chairman> Media reports about the negative impact of the cruise industry on the environment are unfair, according to Clia Europe vice chairman David Dingle.

Decarbonisation strategy consensus remains elusive. By Anastassios Adamopoulos. *Lloyd's List*. 13 September 2017. Available from: <https://lloydlist.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.

Public consultation on the revision of the policy on monitoring, reporting and verification of CO2 emissions from maritime transport. *Institute of Marine Engineering, Science and Technology (IMarEST)*. 14 September 2017. Available from: <http://www.goo.gl/HgzBK9>
Regulation (EU) 757/2015 on monitoring, reporting and verification of carbon dioxide emissions from maritime transport was adopted and entered into force in 2015.

Shipping industry criticised for 'ifs' and 'buts' over emissions. **By Felicity Landon.** *Seatrade Maritime News*. 14 September 2017. Available from: <http://www.seatrade-maritime.com/news/europe/shipping-industry-criticised-for-ifs-and-buts-over-emissions.html>
The shipping industry has been criticised for coming up with too many 'ifs' and 'buts' when discussing the reduction of emissions.

Island delegation seeks shipping business. **By Scott Neil.** *Royal Gazette (Bermuda)*. 14 September 2017. Available from: <http://www.royalgazette.com/business/article/20170914/island-delegation-seeks-shipping-business> A delegation from Bermuda is in London to promote the island's shipping registries, meet with existing clients and network with potential future clients.

In Depth: Cutting Edge Technology to Manage Energy Consumption. *World Maritime News*. 17 September 2017. Available from: <http://worldmaritimeneeds.com/archives/229973/cutting-edge-technology-to-manage-energy-consumption/> 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.

Global Energy Demand And Shipping's Promethean Feats. **By Karl Williams.** *Clarksons Shipping Intelligence Network*. 15 September 2017. Available from: <https://sin.clarksons.net/features/details/49629> 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.

Women are an untapped source of talent, says UK shipping minister. *UK Chamber of Shipping*. 12 September 2017. Available from: <https://www.ukchamberofshipping.com/latest/women-are-untapped-source-talent-says-uk-shipping-minister/> 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.

Creating Value from Data in Shipping. *DNV GL*. September 2017. Available from: <https://www.dnvgl.com/maritime/Creating-Value-from-Data-in-Shipping/index.html>
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://lloydlist.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.

International links strengthened as doors open on NEVA 2017. *Hellenic Shipping News*. 19 September 2017. Available from: <http://www.hellenicshippingnews.com/international-links-strengthened-as-doors-open-on-neva-2017/> Commitments from international shipping interests and leading-edge maritime technology companies, plus Government support across the board have contributed to a record-breaking uptake of exhibition space at NEVA 2017, the biennial event for building connections to Russia's maritime industries.

KR launches industry's first 'Survey & Audit Preparation Guide'. *Hellenic Shipping News*. 19 September 2017. Available from: <http://www.hellenicshippingnews.com/kr-launches-industrys-first-survey-audit-preparation-guide/> Korean Register (KR) – an IACS member classification society - has launched the industry's first 'Survey & Audit Preparation Guide' which will allow shipowners to check exactly what items need to be prepared for their next vessel survey audit, before submitting an application.

Briese Schifffahrt appoints Korean Register to deliver EU MRV verification services. *Korean Register*. 19 September 2017. Available from: http://www.krs.co.kr/sub/eng_board_read.aspx?no=8015&s_code=0502070000&b_code=006037000 KR and Briese Schifffahrts GmbH & Co. KG signed the agreement today, which covers verification services including assessment of monitoring plans and verification of carbon emission reports in compliance with ISO 14065 standard and regulation 757/2015.

China's One Belt One Road policy 'very positive' for shipping. *Seatrade Maritime News*. 19 September 2017. Available from: <http://www.seatrade-maritime.com/news/asia/china-s-one-belt-one-road-policy-very-positve-for-shipping.html> OBOR is already seeing major infrastructure investments in across Africa, Central Asia, Southeast Asia and South Asia.

London International Shipping Week 2017 comes of age and is hailed as the best yet. *London International Shipping Week (LISW)*. 19 September 2017. Available from: <https://londoninternationalshippingweek.com/success-of-welsh-ports-requires-all-hands-on-deck/> London International Shipping Week 2017 has been hailed a resounding success with thousands of global shipping industry leaders attending more than 160 official events throughout the week.

RS describes procedure for obtaining of Polar Ship Certificates. *Port News*. 20 September 2017. Available from: <http://en.portnews.ru/news/245867/> Russian Maritime Register of Shipping (RS) has described the procedure for obtaining of Polar Ship Certificates, IAA PortNews correspondent reports from the seminar held in the framework of the 14th International Maritime Exhibition and Conference of Russia which opened in Saint-Petersburg on 19 September 2017.

2020 Sulfur Cheats: Can Monitoring the Emissions of the Entire Global Fleet Ever be Possible? This Company Says "Yes". *Ship & Bunker*. 20 September 2017. Available from: <http://www.goo.gl/GVi4un> Compliance with the global 2020 sulfur cap on bunker fuel is fast becoming the talking point of the shipping and bunker industry.

The ships that could change the seas forever. By Chris Baraniuk. *BBC News*. 19 July 2017. Available from: <http://www.bbc.com/future/story/20170918-the-ships-that-could-change-the-seas-forever> Transporting cargo across the oceans is vital in a global economy - yet ships sully our already polluted planet.

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/> 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.

Atlantic shipping bracing for Hurricane Maria. By Michael Angell. *TradeWinds*. 19 September 2017. Available from: <http://www.tradewindsnews.com/casualties/1349550/atlantic-shipping-bracing-for-hurricane-maria> Hurricane Maria is forcing a variety of shipping companies to make emergency plans as the storm prepares to sweep the already battered Caribbean region.

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 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.

Inmarsat and Rolls-Royce sign Ship Energy Management agreement. *Inmarsat*. 21 September 2017. Available from: <https://www.inmarsat.com/news/inmarsat-and-rolls-royce-sign-ship-energy-management-agreement/> Inmarsat and Rolls-Royce have signed a Letter of Intent (LOI) to have the option to make the Rolls-Royce Energy Management system available via Inmarsat Maritime's Fleet Xpress high-speed broadband service, to reduce energy consumption and support environmental compliance.

International efforts to reduce GHG emissions gain traction at Joint IMO-Singapore Future-Ready Shipping 2017. *Maritime and Port Authority of Singapore (MPA)*. 25 September 2017. Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/c2e5c7dc-4b67-4e15-85b5-6f26733c52e3> Close to 240 maritime leaders and professionals will gather in Singapore to identify priority areas for international action and exchange best practices in maritime technology transfer and capacity building at the Future-Ready Shipping 2017 Conference.

Will software developers dominate the shipping industry? Part 2. By Simon Beechinor, *Strathmay Maritime*. *Splash 24/7*. 25 September 2017. Available from: <http://splash247.com/will-software-developers-dominate-shipping-industry-part-2/> In the near-term, remotely controlled vessels will still share sea-room with traditionally crewed and operated vessels.

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/> 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.

Zombie fleet swells as scammers fake registrations. By Sam Chambers. *Splash 24/7*. 26 September 2017. Available from: <http://splash247.com/zombie-fleet-swells-scammers-fake-registrations/> Hundreds of vessels around the world are essentially trading as a zombie fleet with scams growing when it comes to registering ships, the International Maritime Organization (IMO) has warned.

ICS Chairman's Message for IMO World Maritime Day: Shipping Industry Focused on Serious CO2 Emission Reduction. *International Chamber of Shipping (ICS).*

26 September 2017. Available from: <http://www.goo.gl/PRDWRV> "The world has great expectations for IMO delivering an ambitious greenhouse gas reduction strategy for the international shipping sector".

Greek merchant marine ministry vandalised. *By Gary Dixon. TradeWinds.*

25 September 2017. Available from: <http://www.tradewindsnews.com/tankers/1352426/greek-merchant-marine-ministry-vandalised> An anarchist group has poured red paint over the front of a Greek merchant marine ministry building in Piraeus.

Shipowners slammed for lack of environmental ambition. *By Anastassios Adamopoulos.*

Lloyd's List. 25 September 2017. Available from:

<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.

Malaysia World Maritime Week 2017 Conference & Exhibition. *Maritime Institute of Malaysia (MIMA).*

26 September 2017. Available from: <http://www.mima.gov.my/index.php/news-list/205-malaysia-world-maritime-week-2017-conference-exhibition> As an IMO Council member, Malaysia is committed to improving the regulatory framework for global shipping and has ratified more than 20 IMO Conventions and signed Maritime Transport Agreements with 12 countries.

Maritime freight transport in the EU. *European Commission.* 27 September 2017.

Available from: <http://ec.europa.eu/eurostat/web/products-eurostat-news/-/EDN-20170927-01>

In the fourth quarter of 2016, the gross weight of goods handled in the main ports of the European Union (EU) stood at over 950 million tonnes.

S&P Global Platts Proposes New 0.5% Sulfur Marine Fuel Assessments from January 2019 ahead of IMO Implementation. *S&P Global Platts.* 26 September 2017. Available from:

<https://www.platts.com/pressreleases/2017/092617> S&P Global Platts, the leading independent provider of information and benchmark prices for the commodities and energy markets, today announced a proposal to begin publishing new daily assessments for marine fuels reflecting a maximum sulfur limit of 0.5% globally from January 2019.

Shipping confidence continues to edge upwards. *By Richard Greiner. Moore Stephens.*

25 September 2017. Available from: <https://www.moorestephens.co.uk/news-views/september-2017/shipping-confidence-continues-to-edge-upwards> Shipping confidence reached its highest rating in the past three years in the three months to end-August 2017, according to our latest Shipping Confidence Survey.

Technology can simplify administrative burden in shipping. *Lloyd's List.* 27 September 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL111626>

Shipping will ignore technology and cybersecurity at its own peril, according to BIMCO president Anastasios Papagiannopoulos.

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-marks-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.

World Maritime Day. By Pervaiz Asghar. *The Nation (Pakistan)*. 28 September 2017.

Available from: <http://nation.com.pk/columns/28-Sep-2017/world-maritime-day>

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

Helsinki: Developing a smart shipping cluster. By Marcus Hand. *Seatrade Maritime News*.

28 September 2017. Available from: <http://www.seatrade-maritime.com/news/europe/helsinki-developing-a-smart-shipping-cluster.html>

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.

8th Womesa Conference - Africa's maritime women celebrate milestone. *Seychelles*

Nation. 27 September 2017. Available from: <http://www.nation.sc/article.html?id=255836>

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

BIMCO: Shipping can't afford to be another Kodak. By Steve Leonard. *Ship & Bunker*.

29 September 2017. Available from: <https://shipandbunker.com/news/world/581070-bimco-shipping-cant-afford-to-be-another-kodak>

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

Car carrier is one of the greenest on the seas. By Andrew Ross. *Hampshire Chronicle (UK)*. 29 September 2017. Available from:

http://www.hampshirechronicle.co.uk/business/15565674.Car_carrier_is_one_of_the_greenest_on_the_seas/ The Port of Southampton hosted a major event to celebrate the world's first dual-fuel car and truck carrier.

12 Initiatives for the Maritime Industry. *Maritime and Port Authority of Singapore (MPA)*.

29 September 2017. Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/f343eee0-427b-4271-9643-e25e2abf1477>

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.

BP ready to meet IMO new sulfur cap, no need to delay implementation.

By Sameer C. Mohindru. *S&P Global Platts*. 28 September 2017. Available from:

<https://www.platts.com/latest-news/shipping/singapore/bp-ready-to-meet-imo-new-sulfur-cap-no-need-to-27875496>

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 to be biggest driver of change in energy, maritime sector. By Tomomi Kikuchi.

Nikkei Asian Review. 28 September 2017. Available from: <https://asia.nikkei.com/Politics-Economy/Economy/China-to-be-biggest-driver-of-change-in-energy-maritime-sector>

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.

Fifth successive year of decline in operating costs. By Richard Greiner. *Moore Stephens*. 28 September 2017. Available from: <https://www.moorestephens.co.uk/news-views/september-2017/fifth-successive-year-of-decline-in-operating-cost> The findings are set out in OpCost 2017 (<https://www.opcostonline.com>), our unique ship operating costs benchmarking tool, which reveals that total operating costs for the tanker, bulker and container ship sectors were all down in 2016, the financial year covered by the study.

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

International Chamber of Shipping (ICS). September 2017. Available from: <http://www.ics-shipping.org/ics-international-shipping-conference-2017> 

RESEARCH

Global assessment of shipping emissions in 2015 on a high spatial and temporal resolution. By L. Johansson, J. P. Jalkanen et al. *Atmospheric Environment*. (2017).

Available from: <http://www.sciencedirect.com/science/article/pii/S1352231017305563>

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> 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> 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.

Monitoring the magnitude of marine vessel infestation by non-indigenous ascidians in the Mediterranean. By M. T. Gewing, N. Shenkar. *Marine Pollution Bulletin*. (2017).

Available from: <http://www.sciencedirect.com/science/article/pii/S0025326X17304277>

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

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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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.