

**INTERNATIONAL MARITIME ORGANIZATION**

**MARITIME KNOWLEDGE CENTRE**

*“sharing maritime knowledge”*

**CURRENT AWARENESS BULLETIN**

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

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## **IMO / UNITED NATIONS NEWS & EVENTS**

### **WHAT'S NEW**

#### **International Maritime University of Panama to host Maritime Technology Cooperation Centre for Latin America**

The International Maritime Organization (IMO) has announced that International Maritime University of Panama (UMIP) has been selected to host the regional Maritime Technology Cooperation Centre (MTCC) for the Latin America region, under an ambitious project, funded by the European Union (EU) and implemented by IMO, to help mitigate the harmful effects of climate change.

Under the Global MTTC Network (GMN) project, UMIP will host MTCC-Latin America. The selection of UMIP followed a competitive international tendering process.

UMIP joins MTCCs in Africa, Asia and the Caribbean. In February, IMO announced that Jomo Kenyatta University of Agriculture and Technology (JKUAT) will host [MTCC-Africa](#). In December 2016, IMO [announced](#) that Shanghai Maritime University in China will host MTCC-Asia, while the University of Trinidad and Tobago will host MTCC-Caribbean.

One further MTCC will be established in the Pacific, to form a global network of five centres.

The regional MTCCs will deliver the agreed project milestones over a three-year period, making a significant contribution to IMO's continuing, widespread efforts to ensure effective implementation and enforcement of the global energy-efficiency regulations for international shipping.

The MTCCs will receive allocations from the €10 million European Union funding for the project. They will be established and resourced to become regional centres of excellence, providing leadership in promoting ship energy-efficiency technologies and operations, and the reduction of harmful emissions from ships. [Full Story: Briefing 13 - 26/04/2017](#)

### **IMO MEETINGS FOR 2017**

#### [Legal Committee \(LEG\)](#)

104<sup>th</sup> session, 26 – 28 April 2017

#### [Facilitation Committee \(FAL\)](#)

41<sup>st</sup> session, 4 – 7 April 2017

### **IMO PRESS BRIEFINGS**

#### [Norway is first to ratify 2010 compensation regime for Hazardous and Noxious Cargoes](#)

Briefing: 12, April 21, 2017

### **IMO NEWS MAGAZINE**    **(Spring, 2017)**

**IMO PUBLISHING** [Just Published: 2017](#) [April 2017 Newsletter](#)

**RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM**

Legal Committee, 104th session (LEG)  
104<sup>th</sup> session, 26 – 28 April 2017 ([Opening](#) address)

[IALA Preparatory Diplomatic Conference](#)  
18 April 2017, Paris, France

[70th National Assembly, FEDEPILOTI](#)  
11 April 2017, Rome, Italy

[10th German National Maritime Conference](#)  
4 April 2017, Hamburg, Germany

Facilitation Committee (FAL)  
41<sup>st</sup> session, 4 – 7 April 2017 ([Opening](#) address)

## UNITED NATIONS NEWS

### **US funding cuts to UN population agency based on 'inaccurate perception' – UN chief.**

*UN News Centre* [Online]. 4 April 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=56496> United Nations Secretary-General António Guterres today voiced deep regret at the decision by the United States to cut financial support for the United Nations population agency, stating that the announcement is based on a misinterpretation of the UN agency's work.

### **UN forum highlights importance of stronger partnerships for financing sustainable development.**

*UN News Centre* [Online]. 18 April 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=56577> Underlining the importance of sustainable finance for the implementation of the 2030 Agenda for Sustainable Development, senior United Nations officials today called for stronger partnerships with a diverse range of stakeholders to ensure that resource requirements are met.

### **UN Commission celebrates 70 years of 'connecting countries and driving progress in Europe'.**

*UN News Centre* [Online]. 25 April 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=56624> The United Nations Economic Commission for Europe (UNECE) is celebrating 70 years of bringing countries across the continent together to cooperate on a wide range of issues, including trade, transport, sustainable development and food safety, which impact the daily lives of its citizens.

## CASUALTIES

### **Search operation for missing S. Korean cargo ship in S. Atlantic continues: gov't.**

*Yonhap News Agency (South Korea)* [Online]. 3 April 2017. Available from:

<http://www.goo.gl/gAkV9s> Search efforts for 22 crew members of a South Korean cargo ship that apparently sank in the South Atlantic last week are making little headway after two sailors were rescued Saturday, a government official said Monday.

### **2 believed crew of missing cargo ship found: gov't.**

*Yonhap News Agency (South Korea)* [Online]. 2 April 2017. Available from: <http://www.goo.gl/zZktdU> A life raft believed to be from a South Korean ship that sank in the South Atlantic last week has been found with efforts now under way to safely rescue two sailors on the raft, the Seoul government said Sunday.

### **Stellar Daisy: Growing concern for missing ship crew.**

*BBC News* [Online]. 3 April 2017. Available from: <http://www.bbc.co.uk/news/world-latin-america-39475836> Rescuers say they have made little headway in finding survivors from a huge South Korean ship that sank in the South Atlantic.

### **Very large ore carrier 'Stellar Daisy' sinks in South Atlantic.**

*gCaptain* [Online]. 2 April 2017. Available from: <http://gcaptain.com/very-large-ore-carrier-stellar-daisy-believed-sunk-in-south-atlantic/> A KC-130 aircraft with the Brazilian Air Force has joined the search for survivors from the *MV Stellar Daisy*, which is believed to have sunk in the Atlantic Ocean about 2,500 kilometers off Uruguay.

### **Hull crack blamed for loss of VLOC. By Eric Martin and Gary Dixon.**

*TradeWinds* [Online]. 2 April 2017. Available from: <http://www.tradewindsnews.com/casualties/1235589/hull-crack-blamed-for-loss-of-vloc> Survivor says water poured into elderly bulker, causing it to list.

**MAIB Safety Digest 1/2017: Lessons from Marine Accident Reports.**

UK Marine Accident Investigation Branch (MAIB) [Online]. 3 April 2017. Available from: <https://www.gov.uk/government/publications/maib-safety-digest-volume-1-2017> Analyses of accidents involving vessels from the merchant, fishing and recreational sectors.

**Hopes fade in search mission for missing *Stellar Daisy* crew. By Sam Chambers.**

*Splash 24/7* [Online]. 4 April 2017. Available from: <http://splash247.com/hopes-fade-search-mission-missing-stellar-daisy-crew/> The two rescued survivors of the VLOC *Stellar Daisy*, which apparently sank in the South Atlantic on Friday, have told their rescuers that the South Korean-owned vessel broke in two, according to Reuters and Korean news agencies.

**"Strong smell of fuel" Reported after bulk carrier disappears off Uruguay.** *Ship & Bunker* [Online]. 3 April 2017. Available from: <http://shipandbunker.com/news/world/693529> A "strong smell of fuel" was reported after a 266,000 tonne bulk carrier *Stellar Daisy* disappeared off the coast of Uruguay, Australian media reports.

**Search for Korean vessel in South Atlantic yields no results.** *Korea Times* [Online].

5 April 2017. Available from: [http://www.koreatimes.co.kr/www/nation/2017/04/251\\_227014.html](http://www.koreatimes.co.kr/www/nation/2017/04/251_227014.html) The search for the Korean vessel *Stellar Daisy* in the South Atlantic has failed to find any traces of the ship or its missing crew, the maritime ministry said Wednesday.

**The *Stellar Daisy* loss: Understanding cargo liquefaction risks. By Kaivan H. Chinoy.**

*Ship & Bunker* [Online]. 5 April 2017. Available from: <http://shipandbunker.com/news/world/141043> Large bulk carriers, due to their length (to put it in perspective *Stellar Daisy* was approx. over 3 footballs fields long!) are susceptible to extreme stress or cyclic loading where some parts are exposed to fluctuating loads (structures under stress) more than others.

**R116: Wreckage of Irish Coast Guard helicopter brought ashore.** *Irish Times* [Online].

5 April 2017. Available from: <http://www.irishtimes.com/news/ireland/irish-news/r116-wreckage-of-irish-coast-guard-helicopter-brought-ashore-1.3037343> Wreckage from the Irish Coast Guard Rescue 116 helicopter is en route to the Air Accident Investigation Unit (AAIU) in Co Meath, following its delivery to Galway port.

**MSC containership hit by fire off Sri Lanka. By Gary Dixon.** *TradeWinds* [Online].

5 April 2017. Available from: <http://www.goo.gl/9aWYNm> Blaze on *MSC Daniela* extinguished; no injuries reported.

**General cargo ship sinks off Nantong, 12 missing. By Jason Jiang.** *Splash 24/7* [Online].

6 April 2017. Available from: <http://splash247.com/general-cargo-ship-sinks-off-nantong-12-missing/> Kiribati-flagged general cargo ship *Xiang Zhou* sank near Nantong waters when it was sailing from Nantong to Busan in Korea this morning.

**Polaris suffers another VLOC mishap. By Sam Chambers.** *Splash 24/7* [Online].

6 April 2017. Available from: <http://splash247.com/polaris-suffers-another-vloc-mishap/> Splash has learnt that another very large ore carrier (VLOC) belonging to Polaris Shipping has run into difficulty off South Africa.


**Marine Accident Investigation Report 6/2017: Contact made by passenger ferry *Uriah Heep* with Hythe Pier.** *UK Marine Accident Investigation Branch (MAIB)* [Online]. 6 April 2017.

Available from: <https://www.gov.uk/maib-reports/contact-made-by-passenger-ferry-uriah-heep-with-hythe-pier> On the evening of 13 May 2016 the Southampton to Hythe passenger ferry, *Uriah Heep*, ran in to Hythe pier while it was attempting to berth.

**Stellar Daisy: What went wrong?** By Inderpreet Walia. *Lloyd's List* [Online]. 5 April 2017. Available from: <https://www.lloydslist.com/ll/sector/dry-cargo/article553292.ece>  
The investigation is expected to take a long time and is likely to be inconclusive, with the 1993-built vessel apparently lost in high seas on March 31 along with the 260,000 tonnes of iron ore it was carrying from Brazil to China.

**Attention turns to Polaris's 19 converted bulkers.** By Sam Chambers. *Splash 24/7* [Online]. 7 April 2017. Available from: <http://splash247.com/attention-turns-polariss-19-converted-bulkers/> A Korean seafarers union has questioned whether Polaris Shipping's fleet is fit for purpose and suggested tankers that have been converted into bulkers are dangerous.

**UMM Salal runs aground off Malaysia.** *World Maritime News* [Online]. 7 April 2017. Available from: <http://worldmaritimeneews.com/archives/217130> The 13,500 TEU *UMM Salal* is currently located in the Malacca Strait, the ship's AIS data shows.

**"After the tragic loss of STELLAR DAISY, a quality and thorough investigation report will be needed quickly".** *International Association of Dry Cargo Shipowners (INTERCARGO)* [Online]. 6 April 2017. Available from: [https://www.intercargo.org/index.php?option=com\\_attachments&task=download&id=422](https://www.intercargo.org/index.php?option=com_attachments&task=download&id=422)   
INTERCARGO is deeply concerned at the tragic loss of the VLOC vessel *STELLAR DAISY* reported on 31 March 2017; our thoughts are with the families and loved ones of the seafarers.

**Families plea for help in search of missing crew members of cargo ship.**

*Yonhap News Agency (South Korea)* [Online]. 7 April 2017. Available from: <http://www.goo.gl/JHn2oF> About a dozen grieving family members of an ill-fated South Korean cargo ship asked the government on Friday to mobilize all resources to find their loved ones.

**Stellar Daisy casualty sparks Karatzas warning on conversions.** By Inderpreet Walia. *Lloyd's List* [Online]. 11 April 2017. Available from: <https://www.lloydslist.com/ll/sector/dry-cargo/article553608.ece> Another Polaris Shipping-owned very large ore carrier, *Stellar Unicorn*, has been held off South Africa due to hull cracks.

**Foreign Minister vows utmost efforts to search for Stellar Daisy sailors.** *KBS World Radio (South Korea)* [Online]. 11 April 2017. Available from: [http://world.kbs.co.kr/english/news/news\\_Po\\_detail.htm?No=126615](http://world.kbs.co.kr/english/news/news_Po_detail.htm?No=126615) Foreign Minister Yun Byung-se has vowed all efforts to find the missing South Korean crew of a cargo ship that sank in the South Atlantic last month.

**'Rolling like I'm inside a washing machine': Terrifying account of the sinking of the Stellar Daisy.** By Sam Chambers. *Splash 24/7* [Online]. 16 April 2017. Available from: <http://splash247.com/rolling-like-im-inside-washing-machine-terrifying-account-sinking-stellar-daisy/> The two survivors of the *Stella Daisy* sinking have related how the ore carrier sank very rapidly in a report seen by Splash.

**Search inside ferry Sewol begins.** By Lee Kyung-min. *Korea Times* [Online]. 19 April 2017. Available from: [http://www.koreatimes.co.kr/www/nation/2017/04/251\\_227789.html](http://www.koreatimes.co.kr/www/nation/2017/04/251_227789.html) More than 70 members of a recovery team began searching the interior of the ferry *Sewol*, Tuesday, to look for the remains of the nine victims whose bodies remain missing, according to the maritime authorities.

**Stellar Daisy search area expanded.** *Maritime Executive* [Online]. 18 April 2017. Available from: <http://www.maritime-executive.com/article/stellar-daisy-search-area-expanded> The Uruguayan Navy announced a new search area for the missing crew of the *Stellar Daisy* which sank on March 31.

**Critical conversions – the sinking of the *Stellar Daisy*. By Michael Grey.**

*Seatrade Maritime News* [Online]. 18 April 2017. Available from: <http://www.seatrade-maritime.com/news/americas/critical-conversions-the-sinking-the-stellar-daisy.html>

We have learned a great deal since then, about the properties of steel, what goes on in the process of welding and the difficulties of identifying fatigue and the early detection of cracking.

**Investigation to determine why *Sewol* sank to begin in May.** *Yonhap News Agency (South Korea)* [Online]. 20 April 2017. Available from:

<http://english.yonhapnews.co.kr/search1/2603000000.html?cid=AEN20170420012000320>

A probe to shed light on the exact cause of the tragic sinking of the *Sewol* ferry will begin late next month, a special fact-finding body said Thursday.

**Raging Black Sea storm splits cargo ship in half.** *TASS Russian News Agency* [Online].

19 April 2017. Available from: <http://tass.com/world/942024> The bodies of two sailors have been discovered in the Black Sea at the scene where the *Heroes of Arsenal* cargo ship capsized.

**Ro-Ro and Container Ship Collide in Kiel Canal.** *Maritime Executive* [Online]. 23 April 2017.

Available from: <http://www.maritime-executive.com/article/ro-ro-and-container-ship-collide-in-kiel-canal> The car carrier *City of Amsterdam* collided with the container ship *Conmar Bay* in the Kiel Canal, Germany, on Saturday at around noon.

**[Updated] Two Dead, Two Injured in Bulk Carrier Explosion.** *Maritime Executive* [Online].

24 April 2017. Available from: <http://www.maritime-executive.com/article/one-dead-three-injured-in-bulk-carrier-explosion> An explosion on board the bulk carrier *Tamar* 1,300 miles offshore Cape Cod in the U.S. has left two crew members dead and two others suffering massive burns.

**Film points finger at South Korean government for *Sewol* disaster. By Tessa Wong.**

*BBC News* [Online]. 23 April 2017. Available from: <http://www.bbc.co.uk/news/world-asia-39585872> Three years ago the *Sewol* ferry disaster sparked a massive public outcry in South Korea, one that continues to reverberate till today. [After the Sewol: Films by Matthew Root and Neil P. George](#)

**Families of missing *Stellar Daisy* seafarers appeal to Trump for help. By Sam Chambers.**

*Splash 24/7* [Online]. 26 April 2017. Available from: <http://splash247.com/families-missing-stellar-daisy-seafarers-appeal-trump-help/> Family members of the 22 missing seafarers from the ill fated *Stellar Daisy* very large ore carrier (VLOC) have not given up hope and have sent letters to US president Donald Trump and his secretary of defence, James Mattis, asking for help.

**UPDATE: Coast Guard coordinates medical response following explosion, 2 dead.**

*United States Coast Guard* [Online]. 25 April 2017. Available from: <https://content.govdelivery.com/accounts/USDHSCG/bulletins/1966ec7> The New York Air National Guard's 106th Rescue Wing pararescuers arrived on board the *Tamar* at about 9:30 p.m., after deploying from their HC-130 with two small boats and advanced life-saving equipment.

**Livestock carrier collides with Russian navy ship off Turkey. By Jason Jiang.** *Splash 24/7*

[Online]. 28 April 2017. Available from: <http://splash247.com/livestock-carrier-collides-russian-navy-ship-off-turkey/> The livestock carrier was sailing from Capu Midia do Aqaba and hit the navy ship in heavy fog.



**MSC suspects hazardous cargo misdeclaration sparked fire on giant boxship.**

**By Sam Chambers.** *Splash* 24/7 [Online]. 27 April 2017. Available from:

<http://splash247.com/msc-suspects-hazardous-cargo-misdeclaration-sparked-fire-giant-boxship/>

Container giant MSC increasingly believes that a shipper misdeclaring hazardous cargo sparked the giant fire that ripped through the art of the 13,800 teu *MSC Daniela* boxship on April 5.

**UPDATE: Coast Guard concludes medical response from ship explosion, 2 medevaced.**

*United States Coast Guard* [Online]. 26 April 2017. Available from:

<https://content.govdelivery.com/accounts/USDHSCG/bulletins/196b421>

The two surviving crewmembers of the bulk-carrier *Tamar* explosion were medevaced at approximately 4:30 a.m., by a Portuguese aircrew along with three New York Air National Guard's 106th Rescue Wing pararescuers to continue medical care.

## ENVIRONMENT

**Ridding the oceans of plastics by turning the waste into valuable fuel.** *Phys Org* [Online].

3 April 2017. Available from: <https://phys.org/news/2017-04-oceans-plastics-valuable-fuel.html>

A Ph.D. organic chemist and a sailboat captain report that they are developing a process to reuse certain plastics, transforming them from worthless trash into a valuable diesel fuel with a small mobile reactor.

**New IUCN World Heritage report stresses urgency of protecting the Arctic from ships and oil as ice melts.** *UNESCO* [Online]. 4 April 2017. Available from:

<http://whc.unesco.org/en/news/1649>

The Arctic Ocean urgently needs protection as melting sea ice is opening up previously inaccessible areas to activities such as shipping, bottom trawl fishing and oil exploration, according to a scientific report launched today by the International Union for Conservation of Nature (IUCN), in partnership with the US-based Natural Resources Defense Council (NRDC) and UNESCO's World Heritage Centre.


**Natural Marine World Heritage in the Arctic Ocean: Report of an expert workshop and review process.** *International Union for Conservation of Nature (IUCN)* [Online]. April 2017.

Available from: <https://portals.iucn.org/library/sites/library/files/documents/2017-006.pdf> 

Warming twice as fast as the rest of the planet, the Arctic is ground zero for climate change.

**This small island nation makes a big case for protecting our oceans.** **By Sarah Gibbens.**

*National Geographic* [Online]. 3 April 2017. Available from:

<http://news.nationalgeographic.com/2017/03/palau-marine-protected-area-ocean-fish/> 

It stands to reason that if you protect the ocean, ecosystems will thrive.

**A cleaner Pacific fleet needs Green Climate Fund backing.** **By Peter Nuttall, University of the South Pacific.** *Reuters* [Online]. 6 April 2017. Available from:

<http://news.trust.org/item/20170406071807-359v2/> Every fortnight *MV Mataliki* makes the 500-kilometre voyage from Samoa to Tokelau, laden with food, drink, medicine and fuel.

**Two-thirds of Great Barrier Reef hit by back-to-back mass coral bleaching.**

*Australian Research Council (ARC) Centre of Excellence for Coral Reef Studies* [Online].

10 April 2017. Available from: <https://www.coralcoe.org.au/media-releases/two-thirds-of-great-barrier-reef-hit-by-back-to-back-mass-coral-bleaching>

For the second time in just 12 months, scientists have recorded severe coral bleaching across huge tracts of the Great Barrier Reef after completing aerial surveys along its entire length.

**NOAA's Channel Islands National Marine Sanctuary honors MOL with award for participation in the 2016 Vessel Speed Reduction Incentive Program.** *Mitsui O.S.K. Lines Ltd.(MOL)* [Online]. 6 April 2017. Available from: <http://www.mol.co.jp/en/pr/2017/17024.html> President & CEO: Junichiro Ikeda is pleased to announce that the United States National Oceanic and Atmospheric Administration's (NOAA) Channel Islands National Marine Sanctuary has honored MOL with an award for the company's participation in the 2016 Vessel Speed Reduction (VSR) incentive program.

**Blue Growth – shaping the next five years together.** *European Commission Maritime Affairs* [Online]. 6 April 2017. Available from: [https://ec.europa.eu/maritimeaffairs/content/blue-growth-%E2%80%93-shaping-next-five-years-together\\_en](https://ec.europa.eu/maritimeaffairs/content/blue-growth-%E2%80%93-shaping-next-five-years-together_en) Commissioner for Environment, Maritime Affairs and Fisheries, Karmenu Vella said: "If sustainably managed, the oceans offer great potential for new jobs and growth in the EU and beyond."

**Renewables' deep-sea mining conundrum.** *By David Shukman. BBC News* [Online]. 11 April 2017. Available from: <http://www.bbc.co.uk/news/science-environment-39347620>  Their investigation of a seamount more than 500km (300 miles) from the Canary Islands has revealed a crust of "astonishingly rich" rock.

**HELCOM Maritime Working Group awarded the Baltic Sea Fund prize 2017.** *Baltic Marine Environment Protection Commission (HELCOM)* [Online]. 11 April 2017. Available from: <http://www.helcom.fi/news/Pages/HELCOM-Maritime-Working-Group-awarded-the-Baltic-Sea-Fund-prize-2017.aspx> The HELCOM Maritime Working Group has been awarded the Baltic Sea Fund Prize 2017 for its work to reduce pollution from maritime traffic in the Baltic Sea.

**Western Mediterranean: Actions for the sustainable development of the blue economy.** *European Commission* [Online]. 19 April 2017. Available from: [http://europa.eu/rapid/press-release MEMO-17-1001\\_en.htm](http://europa.eu/rapid/press-release_MEMO-17-1001_en.htm) Q&A on the EU initiative for the sustainable development of the blue economy in the western Mediterranean.

**Antarctica's biodiversity is under threat from tourism and climate change.** *By Cléa Desjardins and Silvia Dropulich. Concordia University (Canada)* [Online]. 19 April 2017. Available from: <https://www.concordia.ca/cunews/main/stories/2017/04/19/new-research-antarctica-s-biodiversity-is-under-threat-from-tour.html> A unique international study has debunked the popular view that Antarctica and the Southern Ocean are in much better ecological shape than the rest of the world. [Antarctica and the strategic plan for biodiversity](#)

**Brussels and Delhi's shared interests in the Indian Ocean.** *By Constantino Xavier and Darshana M. Baruah, Carnegie India.* *EU Observer* [Online]. 20 April 2017. Available from: <https://euobserver.com/opinion/137620> Whether due to the wealth of its natural resources, the centrality of its sea lines of communication for trade, or its propensity for conflict and natural calamities, the Indian Ocean is critical for the future of Europe and India.

**Mother Earth Day: Environmental and climate literacy vital for a cleaner, greener planet, says UN.** *UN News Centre* [Online]. 22 April 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=56606> Environmental and climate literacy is the engine not only for creating green voters and advancing environmental and climate laws and policies but also for accelerating green technologies and jobs, the United Nations is emphasizing on Mother Earth Day.

**Arctic thaw quickening threatens trillion-dollar costs: report.** By Alister Doyle. *Reuters* [Online]. 25 April 2017. Available from: <http://uk.reuters.com/article/us-climatechange-arctic-idUKKBN17R03K> The Arctic's quickening thaw is melting the permafrost under buildings and roads from Siberia to Alaska, raising world sea levels and disrupting temperature patterns further south, an international study said on Tuesday.

**The Arctic as it is known today is almost certainly gone.** *The Economist* [Online]. 29 April 2017. Available from: <http://www.economist.com/node/21721379> Those who doubt the power of human beings to change Earth's climate should look to the Arctic, and shiver.

**Plea for survey on marine resources in Bay of Bengal.** *Financial Express (Bangladesh)* [Online]. 27 April 2017. Available from: <http://www.thefinancialexpress-bd.com/2017/04/27/68330/Plea-for-survey-on-marine-resources-in-Bay-of-Bengal> Speakers at a seminar on Thursday called for carrying out a comprehensive survey on the newly-established maritime boundary of the country to unearth marine resources, especially hydrocarbon and fishery.

**The Ocean Conference: Challenges & Opportunities for Sri Lanka.** By Dr Palitha Kohona, former Ambassador and Permanent Representative of Sri Lanka to the United Nations in New York. *InDepthNews* [Online]. 26 April 2017. Available from: <http://www.indepthnews.net/index.php/global-governance/un-insider/1101-the-ocean-conference-challenges-opportunities-for-sri-lanka> The landmark United Nations Ocean Conference will take place in New York from June 5 to 9.

**Sea levels could rise by more than three metres, shows new study.** *Phys Org* [Online]. 26 April 2017. Available from: <https://phys.org/news/2017-04-sea-metres.html> Global sea levels could rise by more than three metres - over half a metre more than previously thought - this century alone, according to a new study co-authored by a University of Southampton scientist.

## **ENVIRONMENTAL POLLUTION**

**Singapore shipping industry boosts efforts to meet emissions goals.** By Rumi Hardasmalani. *Today (Singapore)* [Online]. 31 March 2017. Available from: <http://www.todayonline.com/business/spore-shipping-industry-boosts-efforts-meet-emissions-goals> Singapore's maritime industry is stepping up efforts to reduce the environmental impact of shipping and related activities, ahead of the 2020 target that the International Maritime Organisation (IMO) has set for a 0.5 per cent global cap on sulphur emissions from marine fuels, from the current 3.5 per cent limit.

**Officials: Oil no longer leaking from Cook Inlet pipeline, but scope and cause of spill still unknown.** By Michelle Theriault Boots. *Alaska Dispatch News* [Online]. 3 April 2017. Available from: <https://www.adn.com/alaska-news/environment/2017/04/02/officials-no-more-oil-leaking-into-cook-inlet-but-cause-and-scope-of-spill-still-unknown/> The flow of oil from an undersea pipeline leaking in Cook Inlet was halted Sunday, one day after the leak was noticed by workers on a Hilcorp Alaska offshore platform, state officials said.

**Oil leak discovered after 'impact' at Hilcorp platform in Cook Inlet.** By Alex DeMarban. *Alaska Dispatch News* [Online]. 3 April 2017. Available from: <http://www.goo.gl/kG6waF> Hilcorp Alaska on Saturday discovered a crude oil leak from an undersea pipeline connecting two production platforms in western Cook Inlet.

**Oil spill leaves UAE coastal waters and beach coated in crude. By Ruba Haza.**

*The National (United Arab Emirates)* [Online]. 3 April 2017. Available from:

<http://www.goo.gl/ssxftt> A major clean-up operation is under way after a major oil spill left a kilometre-long stretch of the UAE coated in thick crude.

**Research ship is to set sail from Southampton to identify effects and levels of microplastics and carbon pollution in the ocean. By Maria Zaccaro. *Southern Daily Echo (UK)*** [Online]. 15 April 2017. Available from:

[http://www.dailyecho.co.uk/news/shipping/15226549.Ship\\_sets\\_sail\\_from\\_Southampton\\_to\\_test\\_sea\\_pollution/](http://www.dailyecho.co.uk/news/shipping/15226549.Ship_sets_sail_from_Southampton_to_test_sea_pollution/) A research ship set sail from Southampton yesterday to identify the effects and level of microplastics and carbon pollution in the ocean.

**IMO needs to investigate silicone hull coatings. *Green4Sea*** [Online]. 19 April 2017.

Available from: <http://www.green4sea.com/imo-needs-to-investigate-silicone-hull-coatings/>

While shipowners may have thought the use of organotins in marine hull coatings was completely outlawed in 2008 with the ban on tributyltin (TBT), they can still be used as a catalyst if organotin content does not exceed the allowable limit of 250mg/1kg of paint.

**Removing Marine Debris for Good. *Maritime Executive*** [Online]. 19 April 2017.

Available from: <http://maritime-executive.com/blog/removing-marine-and-aquatic-debris-for-good-1> Marine and aquatic debris is one of the most widespread solvable pollution problems, plaguing oceans, rivers and lakes around the globe.

**Ocean plastic 'conveyor belt' confirmed. By Jake Frith. *Maritime Journal*** [Online].

20 April 2017. Available from: <http://www.maritimejournal.com/news101/pollution-control/ocean-plastic-conveyor-belt-confirmed> Collaborative research between two global research programs, Tara Oceans expedition 2009-2014 (France) and Malaspina 2010 expedition (Spain), has reported the large-scale transport of floating plastic debris from the Atlantic to the Arctic.

**Africa moves against dumping of nuclear, toxic waste at sea. By Segun Adebowale.**

*The Eagle (Nigeria)* [Online]. 24 April 2017. Available from: <http://theeagleonline.com.ng/africa-moves-against-dumping-of-nuclear-toxic-waste-at-sea/> In a concerted effort to ensure that African Oceans are not overexploited and also not seen as a dumping ground for dangerous materials, participating countries at the just concluded Conference of the Association of Heads of African Maritime Administrations have agreed on the need for population, assets and critical infrastructure protection from maritime pollution by prevention of dumping of toxic and nuclear wastes.

**Sea Grant Reports: Dolphins, Sea Turtles and the Impacts from *Deepwater Horizon*.**

*US National Oceanic and Atmospheric Administration (NOAA)* [Online]. 25 April 2017.

Available from: <http://response.restoration.noaa.gov/about/media/sea-grant-reports-dolphins-sea-turtles-and-impacts-deepwater-horizon.html> In the aftermath of the largest oil spill in history, many expressed concern about its impact on these long-lived, slow-to-mature creatures.

**Scots whistleblower awarded \$1m for pollution evidence. *BBC News*** [Online].

25 April 2017. Available from: <http://www.bbc.co.uk/news/uk-scotland-glasgow-west-39704105> Christopher Keays, from Glasgow, turned whistleblower shortly after starting a new job on board the *Caribbean Princess* in 2013.

**2020 emissions cap certain to cost owners more. By Vincent Wee.**

*Seatrade Maritime News* [Online]. 28 April 2017. Available from: <http://www.seatrade-maritime.com/news/asia/2020-emissions-cap-certain-to-cost-owners-more.html> There was unanimous agreement at a Sea Asia 2017 panel on Navigating Challenges: The Way Forward, with International Chamber of Shipping secretary-general Peter Hinchliffe's statement that "categorically", the deadline will not move, and that the cap on sulphur emissions will come into effect as scheduled in 2020.

**Polluter says Chennai oil spill clean-up and restoration over but residue very much visible. By Krishna Chaitanya.**

*New Indian Express* [Online]. 27 April 2017. Available from: <http://www.newindianexpress.com/cities/chennai/2017/apr/27/polluter-says-chennai-oil-spill-clean-up-and-restoration-over-but-residue-very-much-visible-1598215.html> In a bizarre move, the 'polluter' MT Dawn Kancheepuram on Wednesday claimed that the entire clean-up and restoration work on the Ennore-Chennai coast, which suffered irreparable ecological damage after the oil spill, have been completed.

**Finland Seeks Continued U.S.-Russian Cooperation in the Arctic. By Kenneth Yalowitz and Stacy Closson.**

*The National Interest* [Online]. 26 April 2017. Available from: <http://nationalinterest.org/feature/finland-seeks-continued-us-russian-cooperation-the-arctic-20371> Finland will assume the chairmanship next month of the eight-member Arctic Council at a time of heightened geopolitical tension.

**The oil spill is spreading in the Gulf of Paria. By Carolyn Kissoon.**

*Daily Express (Trinidad and Tobago)* [Online]. 26 April 2017. Available from: <http://www.trinidadexpress.com/20170426/news/the-oil-spill-is-spreading-in-the-gulf-of-paria> State-owned Petrotrin has deployed vessels to clean up the hydrocarbon which entered the Gulf of Paria, following an oil spill at its Pointe-a-Pierre refinery on Sunday.

## HEALTH

**World Health Day - 7 April 2017: Depression let's talk.** *World Health Organization (WHO)* [Online]. 7 April 2017. Available from: <http://www.who.int/campaigns/world-health-day/2017/en/> WHO is leading a one-year global campaign on depression.

## HEALTH AND SAFETY

**Why are Lifeboats Killing Seafarers? By Nick Yatsenko, Master Marine.** *gCaptain* [Online]. 25 April 2017. Available from: <http://gcaptain.com/why-are-lifeboats-killing-seafarers/> ⚓ During my life at sea, I was always anxious during lifeboat drills.

## IMO

**EU Transport Ministers call for EU support in IMO emission reduction efforts.**

*Ship & Bunker* [Online]. 31 March 2017. Available from: <http://shipandbunker.com/news/emea/486303-eu-transport-ministers-call-for-eu-support-in-imo-emission-reduction-efforts> European Union (EU) transport ministers, who met in Valletta, Malta this week, have voiced support for the International Maritime Organization (IMO) to lead action on reducing shipping industry, IHS Fairplay reports.

**Global shipping fleet braces for chaos of \$60 billion fuel shock. By Firat Kayakiran.**

*Bloomberg* [Online]. 5 April 2017. Available from:

<https://www.bloomberg.com/news/articles/2017-04-04/global-shipping-fleet-braces-for-chaos-of-60-billion-fuel-shock>

Little more than 2 1/2 years from now, the global fleet of merchant ships will have to reduce drastically how much sulfur their engines belch into the atmosphere.

**Buhari Seeks Africa's Support in Nigeria's Quest for Category C Seat in IMO Council. By Omololu Ogunmade, Eromosele Abiodun, and James Emejo. *This Day (Nigeria)***

[Online]. 21 April 2017. Available from:

<https://www.thisdaylive.com/index.php/2017/04/21/buhari-seeks-africas-support-in-nigerias-quest-for-category-c-seat-in-imo-council/>

President Muhamadu Buhari has vowed to ensure that Nigeria achieves its goal of attaining the Category C seat in the Council of the International Maritime Organisation (IMO).

## LAW AND POLICY

**Dakuku Peterside: We inherited a primitive NIMASA. *This Day (Nigeria)*** [Online].

2 April 2017. Available from: [https://www.thisdaylive.com/index.php/2017/04/02/dakuku-](https://www.thisdaylive.com/index.php/2017/04/02/dakuku-peterside-we-inherited-a-primitive-nimasa/)

[peterside-we-inherited-a-primitive-nimasa/](https://www.thisdaylive.com/index.php/2017/04/02/dakuku-peterside-we-inherited-a-primitive-nimasa/) Although an agency believed to be riddled with corruption, Peterside has since assuming office, proven to be different with his many out-of-the box initiatives in redirecting the focus of the agency and reclaiming its place in the maritime sector, both as a regulatory and revenue-generating bureau of government.

**Charges laid against ship and company behind 2015 English Bay oil spill.**


*Canadian Broadcasting Corporation (CBC)* [Online]. 30 March 2017. Available from:

[http://www.cbc.ca/news/canada/british-columbia/charges-laid-against-ship-and-company-](http://www.cbc.ca/news/canada/british-columbia/charges-laid-against-ship-and-company-behind-2015-english-bay-oil-spill-1.4047078)

[behind-2015-english-bay-oil-spill-1.4047078](http://www.cbc.ca/news/canada/british-columbia/charges-laid-against-ship-and-company-behind-2015-english-bay-oil-spill-1.4047078) Nearly two years after a fuel spill polluted the waters and shorelines of Vancouver's English Bay, charges have been laid against the cargo ship *MV Marathassa* and the company that owns it.

**International ocean governance: an agenda for the future of our oceans. *European Council***

[Online]. 3 April 2017. Available from: [http://www.consilium.europa.eu/en/press/press-](http://www.consilium.europa.eu/en/press/press-releases/2017/04/03-international-ocean-governance/)

[releases/2017/04/03-international-ocean-governance/](http://www.consilium.europa.eu/en/press/press-releases/2017/04/03-international-ocean-governance/) The Council welcomes the joint communication on international ocean governance by the High Representative of the EU for Foreign Affairs and Security Policy and the European Commission [Conclusions](#) 

**Memorandum of Cooperation with Ports and Harbours Bureau of the Ministry of Land, Infrastructure, Transport and Tourism of Japan. *Maritime and Port Authority of Singapore (MPA)***

[Online]. 3 April 2017. Available from: [http://www.mpa.gov.sg/web/portal/home/media-](http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/3f71a99f-97a1-4c28-80cb-77db03884d4e)

[centre/news-releases/detail/3f71a99f-97a1-4c28-80cb-77db03884d4e](http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/3f71a99f-97a1-4c28-80cb-77db03884d4e) Signed today by Mr Andrew Tan, Chief Executive of MPA, and Mr Michio Kikuchi, Director-General of Ports and Harbours Bureau, MLIT, the MOC further strengthens the bilateral ties between MPA and MLIT.

**Draft maritime law intended to boost UAE shipping sector. By Andrew Staples. *Gulf News***

[Online]. 4 April 2017. Available from: [http://gulfnews.com/business/sectors/shipping/draft-](http://gulfnews.com/business/sectors/shipping/draft-maritime-law-intended-to-boost-uae-shipping-sector-1.2005723)

[maritime-law-intended-to-boost-uae-shipping-sector-1.2005723](http://gulfnews.com/business/sectors/shipping/draft-maritime-law-intended-to-boost-uae-shipping-sector-1.2005723) Less than 9 per cent of money in the UAE's Dh75-billion-a-year maritime sector stays in the country, Khamis Juma Bu Amim told delegates to a briefing on a draft federal maritime law.

**FLNG - 'ship' or 'offshore installation'? Common pitfalls for investors, operators and regulators.** By Bjørn-Erik Leerberg, Partner, Simonsen Vogt Wiig (Law Firm, Norway).

*Lexology* [Online]. 3 April 2017. Available from:

<http://www.lexology.com/library/detail.aspx?g=f1df42bb-942e-4997-b253-fc7c858088ac>

What are the legal consequences for a coastal state which accepts a permanently placed production facility that is a foreign-flagged ship or vessel within its exclusive economic zone (EEZ) and on its continental shelf?

**Company a no-show in B.C. provincial court on English Bay fuel spill charges.**

*Vancouver Sun (Canada)* [Online]. 5 April 2017. Available from:

<http://vancouver.sun.com/news/local-news/company-a-no-show-in-b-c-provincial-court-on-english-bay-fuel-spill-charges>

The MV Marathassa and Alassia NewShips Management Inc., a firm based in Greece, were due in court Wednesday on 10 charges, including discharge of a pollutant, but only a lawyer for the shipping company appeared.

**South Africa maritime industry's 2nd conference concludes; the country can do far better.**

*South African Maritime Safety Authority (SAMSA)* [Online]. 8 April 2017. Available from:

<https://blog.samsa.org.za/2017/04/09/south-africa-maritime-industrys-2nd-conference-concludes-the-country-can-do-far-better/>

Representation consisted of delegates from the public and private sectors, education and research institutions, as well as industry bodies in South Africa, the African continent and internationally.

**The last Convention of the International Liability and Compensation Regime for Pollution Damage from Ships now closer to ratification.**



*European Community Shipowners' Associations (ECSA)* [Online]. 7 April 2017. Available from: <http://www.ecsa.eu/news-and-media/latest-news/9-latest-news/303>

European shipowners welcome the European Parliament's adoption of the Recommendations on the 2010 Protocol to the International Convention on Liability and Compensation for Damage in Connection with the Carriage of Hazardous and Noxious Substances by Sea 1996 in its Plenary-session this week.

[Industry Statement](#) 

**Gaping holes revealed in Arctic oil-spill response plans.**

*WWF Canada* [Online]. 6 April 2017. Available from: <http://www.wwf.ca/newsroom/?24601> Major weaknesses in response preparedness mean remote Arctic communities face an almost certain environmental catastrophe in the event of an Arctic shipping oil spill, reports released by WWF-Canada today reveal.

[Ship-based oil spill response capacity in the Beaufort Sea](#)  [Framework for the development of Nunavut community oil spill response plans](#) 

**Workshop to set up protective measures for Particularly Sensitive Sea Areas.**

*Republic of Mauritius* [Online]. 11 April 2017. Available from:

<http://www.govmu.org/English/News/Pages/Workshop-to-set-up-protective-measures-for-Particularly-Sensitive-Sea-Areas.aspx>

A three-day sub regional workshop on Particularly Sensitive Sea Areas (PSSAs), aimed at establishing protective measures for PSSAs tailored to prevent, reduce, and eliminate the risk of damage from international shipping activities, kicked off this morning in Ebene.

**About the London Somalia Conference 2017.**

*UK Government* [Online]. April 2017. Available from: <https://www.gov.uk/government/topical-events/london-somalia-conference-2017/about> The conference will convene Heads of State and Government from across East Africa and other key partners, along with senior figures from international organisations.


**Master of none. By Michael Grey.** *Lloyd's List* [Online]. 13 April 2017. Available from: <https://www.lloydslist.com/ll/sector/containers/article553651.ece> Lest anyone assume that Capt Pan was some sort of pirate or arms smuggler, or even intent on launching an armoured invasion of the People's Republic via its Special Administrative Region, clarification might be required.

**Rich nations urged to honour Paris commitments at COP23. By Jaya Ramachandran.** *Pacific Islands News Association (Fiji)* [Online]. 17 April 2017. Available from: <http://www.pina.com.fj/?p=pacnews&m=read&o=170923473358f53c8f9a0ce145b3f9> Brazil, South Africa, India and China (BASIC) have urged rich nations to honour their commitments made in Paris in 2015 and provide money, help in capacity building and transfer technology to developing countries to fight against climate change.

**AAMA: Unlocking African maritime potentials. By Peter Azuma.** *Vanguard (Nigeria)* [Online]. 19 April 2017. Available from: <http://www.vanguardngr.com/2017/04/aama-unlocking-african-maritime-potentials/> The rhetoric of harnessing the potentials in Africa's vast maritime environment has been a major point of discourse by political leaders, economists and even technocrats.

**Plans to set up a Think Tank on the Blue Economy Concept.** *News LK (Sri Lanka)* [Online]. 18 April 2017. Available from: <https://www.news.lk/news/world/item/16481> State Minister of Fisheries and Aquatic Resources Development Dilip Wedaarachchi said that he is willing to go beyond new and old models of THINK TANKS to deliver very productive results value to the society.

**IMCA engages in seafarers' wages payment during piracy at ILO meetings.** *International Marine Contractors Association (IMCA)* [Online]. 18 April 2017. Available from: <https://www.imca-int.com/news/2017/04/18/imca-engages-seafarers-wages-payment-piracy-ilo-meetings/> The International Marine Contractors Association (IMCA) actively participated, on behalf of the Maritime Employers' Group, in the International Labour Organization (ILO) Working Group of the Special Tripartite Committee (STC), established under the Maritime Labour Convention (MLC) – the international treaty covering minimum working and living standards for seafarers.

**Proposals from the outcome of the discussion of the Working Group related to the protection of seafarers' wages ...** *International Labour Organization (ILO)* [Online]. April 2017. Available from: [http://www.ilo.org/wcmsp5/groups/public/---ed\\_norm/---normes/documents/genericdocument/wcms\\_550369.pdf](http://www.ilo.org/wcmsp5/groups/public/---ed_norm/---normes/documents/genericdocument/wcms_550369.pdf)  The text that follows reflects the various types of proposals discussed and is without prejudice to the positions of any government or group.

**Banning transshipment at-sea necessary to curb illegal fishing, researchers conclude.** *New York University (NYU)* [Online]. 18 April 2017. Available from: <https://www.nyu.edu/about/news-publications/news/2017/april/banning-transshipment-at-sea-necessary-to-curb-illegal-fishing--.html> Banning transshipment at-sea-the transfer of fish and supplies from one vessel to another in open waters-is necessary to diminish illegal fishing, a team of researchers has concluded after an analysis of existing maritime regulations. [Potential ecological and social benefits of a moratorium on transshipment on the high seas](#)



**Cruise Line Ordered to Pay \$40 Million for Illegal Dumping of Oil Contaminated Waste and Falsifying Records.**

*US Department of Justice* [Online]. 19 April 2017. Available from: <https://www.justice.gov/opa/pr/cruise-line-ordered-pay-40-million-illegal-dumping-oil-contaminated-waste-and-falsifying> Princess Cruise Lines Ltd. (Princess) was sentenced to pay a \$40 million penalty – the largest-ever for crimes involving deliberate vessel pollution – related to illegal dumping overboard of oil contaminated waste and falsification of official logs in order to conceal the discharges.

**Coast Guard foils ship hijacking in Zamboanga del Norte. By Bong Garcia.** *Sun Star (Philippines)* [Online]. 18 April 2017. Available from:

<http://www.sunstar.com.ph/zamboanga/local-news/2017/04/18/coast-guard-foils-ship-hijacking-zamboanga-del-norte-537085> The Philippine Coast Guard foiled an attack on a cargo vessel by suspected pirates early Tuesday, April 18, off Zamboanga del Norte, an official announced.

**Arctic Imperatives: Reinforcing U.S. Strategy on America's Fourth Coast.**

*Council on Foreign Relations* [Online]. March 2017. Available from:

<http://www.cfr.org/arctic/arctic-imperatives/p38868> With the Arctic "warming at twice the rate as the rest of the planet" and melting sea ice opening up this resource-rich region to new trade routes and commercial activities, the report stresses that "the United States needs to increase its strategic commitment to the region or risk leaving its interests unprotected." [Report: Arctic Imperatives: Reinforcing U.S. Strategy on America's Fourth Coast](#)

**West Africa loses \$1.3bn to illegal fishing annually – Dogara. By Sheriff Adaji-Ogbu.**

*Today (Nigeria)* [Online]. 20 April 2017. Available from:

<https://www.today.ng/news/nigeria/288196/west-africa-loses-1-3bn-illegal-fishing-annually-dogara> The Speaker of the House of Representatives, Hon Yakubu Dogara, has expressed dismay that Illegal Unreported and Unregulated (IUU) fishing leads to an annual loss of over \$1.3 billion in West Africa alone.

**Pacific Regional Energy and Transport Ministers Meeting to be held next week in Tonga.**

*Pacific Islands News Association (Fiji)* [Online]. 20 April 2017. Available from:

<http://www.pina.com.fj/index.php?p=pacnews&m=read&o=84455889858f95d5699b2ea066a031> Over 100 high-level delegates and experts will convene in Tonga next week (26-28 April) for the Third Pacific Regional Energy and Transport Ministerial Meeting to discuss the latest international and regional developments in energy and transport sectors affecting the region.

**Two arrests at RINA over alleged irregular certifications. By Nicola Capuzzo.** *Splash 24/7*

[Online]. 20 April 2017. Available from: <http://splash247.com/two-arrests-rina-alleged-irregular-certifications/> Two inspectors at RINA, the Italian classification society, have been arrested today over irregular certifications to ferries and cargo ships following an investigation launched in 2013 after the *Jolly Nero's* accident occurred in Genoa resulting in the pilot tower collapsing.

**400 Kg of Cocaine Seized aboard Boxship in Colombia.** *World Maritime News* [Online].

24 April 2017. Available from: <http://worldmaritimeneews.com/archives/218348/400-kg-of-cocaine-seized-aboard-boxship-in-colombia/> A cargo of 400 kilograms of cocaine has been seized aboard the Italy-flagged containership *Cala Palma* by the Colombian naval and police units, according to information provided by the country's navy.

**Sustainable Fisheries: EU and Mauritius reach Provisional Agreement on new Protocol.**

*Government of Mauritius* [Online]. 27 April 2017. Available from:

<http://www.govmu.org/English/News/Pages/Sustainable-Fisheries-EU-and-Mauritius-reach-Provisional-Agreement-on-new-Protocol.aspx> The European Union (EU) and Mauritius have reached a provisional agreement on a new Protocol for Sustainable Fisheries that opens a new era in the relations between the EU and Mauritius.

**Somali Pirate Sentenced to Life for 2010 Attack on USS Ashland.** *US Department of Justice* [Online]. 26 April 2017. Available from: <https://www.justice.gov/opa/pr/somali-pirate-sentenced-life-2010-attack-uss-ashland> Mohamed Farah, 31, of Somalia, was sentenced to life plus 10 years in prison for engaging in piracy and committing other offenses pertaining to the attack on the USS Ashland, a U.S. Navy ship, in April 2010.

## MARINE TECHNOLOGY

**New technology hubs in Singapore.** *Asia/Middle East Maritime Focus* [Online]. 7 April 2017. Available from: [http://www.amemaritime.com/news/view.new-technology-hubs-in-singapore\\_46984.htm](http://www.amemaritime.com/news/view.new-technology-hubs-in-singapore_46984.htm) ABB opened its new Singapore Integrated Operations Center (IOC) in June 2016.

**Sea Grant releases brochure on oil spill cleanup technology developments.** *Gulf of Mexico Research Initiative (GoMRI)* [Online]. 6 April 2017. Available from: <http://gulfresearchinitiative.org/sea-grant-releases-brochure-oil-spill-cleanup-technology-developments/> The Gulf of Mexico Research Initiative (GoMRI) is pleased to announce a new Sea Grant informational brochure that explores products currently available or in development to remove oil from water in future spills.

**Maritime industries need to gear up for digital transformation. By Marcus Hand.** *Seatrade Maritime News* [Online]. 25 April 2017. Available from: <http://www.seatrade-maritime.com/news/asia/maritime-industries-need-to-gear-up-for-digital-transformation.html> Singapore's port and maritime industries need to gear up to deal with digitalization and disruption of global transport supply chains - that was the message of Khaw Boon Wan, Coordinating Minister for Infrastructure and Minister of Transport at the official opening of Sea Asia 2017.

**'Digital will change the fundamentals of shipping': Lasse Kristoffersen. By Sam Chambers.** *Splash 24/7* [Online]. 25 April 2017. Available from: <http://splash247.com/digital-will-change-fundamentals-shipping-lasse-kristoffersen/> Lasse Kristoffersen, president and ceo of Scandinavian line Torvald Klaveness, has warned his peers that the opaque nature of shipping will change very soon thanks to technological change.

**Sulphur cap dominates two-stroke engines forum at Amsterdam conference. By Paul Fanning.** *Passenger Ship Technology* [Online]. 25 April 2017. Available from: [http://www.passengership.info/news/view,sulphur-cap-dominates-twostroke-engines-forum-at-amsterdam-conference\\_47446.htm](http://www.passengership.info/news/view,sulphur-cap-dominates-twostroke-engines-forum-at-amsterdam-conference_47446.htm) The engines forum of the European Marine Engineering Conference was dominated by engine manufacturers' preparing for the challenges posed by IMO's global sulphur cap, due to come into force in 2020.

**No stopping the digital revolution in shipping. By Vincent Wee.** *Seatrade Maritime News* [Online]. 25 April 2017. Available from: <http://www.seatrade-maritime.com/news/asia/no-stopping-the-digital-revolution-in-shipping.htm> Big changes are coming in shipping and they are being driven by technological advances as well as changes in the mindset as the centre of gravity of shipping moves to Asia.


**In Depth: Interview: Smart Ships Are Coming!** *World Maritime News* [Online]. 24 April 2017. Available from: <http://worldmaritimeneeds.com/archives/218365/interview-smart-ships-are-coming/> World Maritime News spoke with Oskar Levander, Vice President of Innovation, Marine at Rolls-Royce about what might the rise of the smart steel giants of the sea bring to the table and when could this happen.

**Digitalisation 'is just a means to an end'. By James Baker.** *Lloyd's List* [Online]. 26 April 2017. Available from: <https://www.loydslist.com/ll/sector/containers/article554540.ece> Shipping companies and terminal operators thinking that salvation lies in technology are missing the point of digital innovation, according to Thomas Vitsounis, ports, shipping and logistics lead at Data61, a research unit spun out from Australia's Commonwealth Scientific and Industrial Research Organisation.

**Co-operation enhanced between the Maritime and Port Authority of Singapore and LR.** *Lloyd's Register* [Online]. 27 April 2017. Available from: <http://www.lr.org/en/news-and-insight/news/cooperation-enhanced-between-the-maritime-and-port-authority-of-singapore-and-loyds-register.aspx> LR CEO, Alastair Marsh, signed two Memorandums of Understanding (MoU) during Singapore Maritime Week.


**ABS Leads Ballast Water Management Workshop.** *ABS (American Bureau of Shipping)* [Online]. 27 April 2017. Available from: <http://ww2.eagle.org/en/news/press-room/2017/ABS-Leads-Ballast-Water-Management-Workshop.html> ABS, a leading provider of classification and technical services to the marine and offshore industries, hosted a Ballast Water Management (BWM) Workshop for ship owners with BWM systems installed onboard their vessels.

## MARITIME SAFETY

**Safety analysis provides offshore wind industry with new insight.** *Danish Maritime Authority* [Online]. 30 March 2017. Available from: <http://www.dma.dk/Presse/Nyheder/Sider/Safety-analysis-provides-offshore-wind-industry-with-new-insight.aspx> The Danish Maritime Authority has hosted two workshops with experts from the offshore wind industry at which a safety analysis was made for vessels carrying wind turbine technicians – now, this has resulted in a report. [Report of HAZID and risk-reducing measures workshops](#) 

**Maersk employees sound alarm after platform fire.** *ShippingWatch* [Online]. 5 April 2017. Available from: <http://shippingwatch.com/secure/Offshore/article9483595.ece> A lack of progress in safety on one of Maersk's oil platforms has now prompted concerned employees to raise the alarm more than a whole year after a platform fire, writes Danish daily Berlingske.

**Insurance firm warns of dangerous loads after shipwreck. By Ole Andersen and Niklas Krigslund.** *ShippingWatch* [Online]. 6 April 2017. Available from: <http://shippingwatch.com/secure/carriers/Bulk/article9485145.ece> Although no one yet knows the reason for bulk vessel Stellar Daisy's shipwreck in the South Atlantic last week which has left 22 crew members missing, some suspect the 260,000 tons of iron ore cargo is partly to blame.

**Liquefaction - Reducing risk of bulk cargo liquefaction.** *London P&I Club* [Online]. 4 April 2017. Available from: <https://www.londonpandi.com/article/1187/liquefaction---reducing-risk-of-bulk-cargo-liquefaction/> Despite an improvement in the awareness of the risks associated with the carriage of cargoes such as iron ore fines, coal, manganese ore fines and nickel ore, incidents involving liquefaction continue to occur, sometimes with catastrophic and tragic results. [Operational guidance for vessels that carry cargoes which may liquefy](#) 

**Maritime mishaps loom, group warns.** *Manila Standard* [Online]. 10 April 2017. Available from: <http://manilastandard.net/sunday-lgu-section-pdf/mindanao/233995/maritime-mishaps-loom-group-warns.html> A non-government organization for the protection of Filipino seafarers has voiced its apprehension of the neglected maritime security in the country, saying the "long list of maritime mishaps" transpiring before and now in the country must be acted on by the government, or it should "be ready to face another catastrophe at sea, may it be an act of terrorism or sea tragedy."


**Human error accounts for 75% of marine liability losses.** **By Jake Frith.** *Maritime Journal* [Online]. 10 April 2017. Available from: <http://www.maritimejournal.com/news101/insurance.-legal-and-finance/human-error-accounts-for-75-of-marine-liability-losses> Human error has long been regarded as a major cause of incidents in the shipping sector.

**Norwegian Cruise Line To Add Lifeguards To Fleet.** *Norwegian Cruise Line (NCL)* [Online]. 19 April 2017. Available from: <https://www.ncl.com/uk/en/press-releases/norwegian-cruise-line-add-lifeguards-fleet> Norwegian Cruise line to employ certified lifeguards on select ships this summer and fleetwide by early 2018.

**Safety first: building a 'safety climate' is key to avoiding marine accidents.** **By Lu Chinshan, Professor and Director, C.Y. Tung International Centre for Maritime Studies, Hong Kong Polytechnic University.** *South China Morning Post* [Online]. 21 April 2017. Available from: <http://www.scmp.com/business/companies/article/2089272/safety-first-building-safety-climate-key-avoiding-marine> Located at the gateway to southern China and the centre of the fast-developing Asia-Pacific trading basin, the Hong Kong port has always played a key strategic role in the economic development of the city.

## MARITIME SECURITY

**'Close loopholes in maritime security plans'.** **By Jing Villamante.** *Manila Times* [Online]. 1 April 2017. Available from: <http://www.manilatimes.net/close-loopholes-maritime-security-plans/320332/> Stricter implementation of the policy on International Ship and Port Facility Security (ISPS) is needed in the government's war against illegal drugs and terrorism as 90 percent of the country's trade passes through its ports, National Maritime Safety and Security Agency (NAMSSA) Inc. said.

**Cargo vessels evade detection, raising fears of huge trafficking operations.** **By Henry Ridgwell.** *Voice of America* [Online]. 31 March 2017. Available from: <https://www.voanews.com/a/cargo-vessels-evade-detection-trafficking/3789296.html>  Hundreds of ships are switching off their tracking devices and taking unexplained routes, raising concern the trafficking of arms, migrants and drugs is going undetected.

**Your ship has probably been cyber attacked already.** **By George Ward.** *gCaptain* [Online]. 31 March 2017. Available from: <http://gcaptain.com/your-ship-has-probably-been-cyber-attacked-already/> You have been either hacked... or just didn't know you have been hacked!

**West Africa seeks to bring order to troubled, lawless waters.** **By Joe Bavier.** *Reuters* [Online]. 4 April 2017. Available from: <http://uk.reuters.com/article/uk-africa-gulfofguinea-idUKKBN1761JW> The outline of a ship slowly emerged from the haze, and the crew of the Ivory Coast's naval patroller *Le Bouclier* said it was a Colombian vessel suspected of smuggling drugs that they had been hunting for several hours.

**US and West Africa join forces on maritime security. By Barthélemy Blédé.**

*Institute for Security Studies (ISS)* [Online]. 7 April 2017. Available from:

<https://issafrica.org/iss-today/us-and-west-africa-join-forces-on-maritime-security> This year's US-led Obangame Express, a military exercise designed to help countries along the western coast of Africa counter illicit sea-based activity, ended last week with a symposium in Abidjan.

**Group airs concern on state of maritime security in the country. By Raymund Antonio.**

*Manila Bulletin* [Online]. 6 April 2017. Available from:

<http://business.mb.com.ph/2017/04/06/group-airs-concern-on-state-of-maritime-security-in-the-country/> A group pushing for the protection of Filipino seafarers has expressed concerns on the state of maritime security in the country, citing the long list of sea mishaps that need government attention.

**INFOGRAPHIC: Less than 44% of shipping companies have cyber security plans.**

**By Marcus Hand.** *Seatrade Maritime News* [Online]. 11 April 2017. Available from:

<http://www.seatrade-maritime.com/news/asia/infographic-less-than-44-of-shipping-companies-have-cyber-security-plans.html> A survey by Sea Asia of ceo's, chairman and directors of maritime and offshore companies found that while 90.63% thought more should be done to prevent cyber attacks, less than half that number - just 43.75% - had prevention and contingency plans in place.

**EU initiates ocean patrol security cooperation in Indian Ocean. By Reiny Dwinanda.**

*Republika (Indonesia)* [Online]. 12 April 2017. Available from:

<http://en.republika.co.id/berita/en/international/17/04/12/oob0ff414-eu-initiates-ocean-patrol-security-cooperation-in-indian-ocean> Deputy Secretary General for Economy and Global European External Action Service (EEAS) Issues, Christian Leffler, said that the European Union will take the initiative to conduct security patrol cooperation in the Indian Ocean, particularly off the Somali coast.

**Maritime security in the Gulf of Guinea in 2016. By Dirk Steffen.** *Maritime Executive*

[Online]. 11 April 2017. Available from: <http://maritime-executive.com/editorials/maritime-security-in-the-gulf-of-guinea-in-2016> 2016 witnessed a marked increase in maritime security incidents over the previous year, irrespective of the counting standards.

**Shipping faces fresh Yemen mine threat. By Dale Wainwright.** *TradeWinds* [Online].

18 April 2017. Available from: <http://www.tradewindsnews.com/casualties/1243125/shipping-faces-fresh-yemen-mine-threat> Shipping has been urged to keep clear of the navigational channel to the east of the Red Sea Yemeni island of Zuqar due to suspected mines.

**Shipowners: More naval vessels by Somalia are an option. By Tomas Kristiansen.**

*ShippingWatch* [Online]. 19 April 2017. Available from:

<http://shippingwatch.com/carriers/article9514189.ece> Events over recent weeks of hijackings and piracy off the coast of Somalia have once again prompted shipowners to raise the question of whether more naval vessels should be sent to the region.

**Cyber Risks in Shipping – Regulation Getting Closer? North of England P&I Association**

[Online]. 19 April 2017. Available from: <http://www.nepia.com/insights/industry-news/cyber-risks-in-shipping-%E2%80%93-regulation-getting-closer/> Over the last few years national authorities of various states and industry bodies have been encouraging shipping to voluntarily adopt cyber risk management practices.

**The Coast Guard and Maritime Chokepoints.** By Victoria Castleberry, U.S. Coast Guard Academy. *Maritime Executive* [Online]. 20 April 2017. Available from: <http://www.maritime-executive.com/editorials/the-coast-guard-and-maritime-chokepoints> The need for security of international maritime trade has never been greater as over 90 percent of internationally traded goods are transported via maritime shipping and 70 percent of maritime shipped goods are containerized cargo.

**Ghana and France to deepen collaboration in maritime security.** *Ghana Business News* [Online]. 20 April 2017. Available from: <https://www.ghanabusinessnews.com/2017/04/20/ghana-and-france-to-deepen-collaboration-in-maritime-security/> Mr Dominic Nitiwul, the Minister of Defence, says the Ministry is ready to collaborate with France to improve maritime safety and security in the Gulf of Guinea.

**NIMASA reads riot act to staff.** By Godfrey Bivbere and Godwin Oritse. *Vanguard (Nigeria)* [Online]. 25 April 2017. Available from: <http://www.vanguardngr.com/2017/04/nimasa-reads-riot-act-staff/> Director-General of Nigerian Maritime Administration and Safety Agency, NIMASA, Mr Dakuku Peterside, has threatened to deal decisively with any staff of the agency involved in any illegal activity while boarding vessels within the nation's territorial waters.

**Indonesia-Philippines talks to fortify new trade route.** By Tama Salim. *Jakarta Post* [Online]. 26 April 2017. Available from: <http://www.thejakartapost.com/seasia/2017/04/26/indonesia-philippines--talks-to-fortify-new-trade-route.html> President Joko "Jokowi" Widodo is expected to try and fortify maritime security cooperation with the Philippines during bilateral talks this week, ahead of the launch of a lucrative trade route that aims to boost connectivity along the borders of the neighboring countries.

**Poor cyber security on vessels provides backdoor to corporate systems: Inmarsat.** By Marcus Hand. *Seatrade Maritime News* [Online]. 28 April 2017. Available from: <http://www.seatrade-maritime.com/news/asia/lack-of-cyber-security-onboard-vessels-provides-backdoor-to-corporate-systems-inmarsat.html> While cyber security has become a lot more in focus onshore in offices for shipping companies the level of protection onboard vessels is yet to catch up, leaving a vulnerability for cyber criminals to exploit.

**Confronting Indonesia's Maritime Coordination Challenge.** By Prashanth Parameswaran. *The Diplomat* [Online]. 27 April 2017. Available from: <http://thediplomat.com/2017/04/confronting-indonesias-maritime-coordination-challenge/> For Indonesia, the world's largest archipelagic state with around 17,500 islands, the centrality of the maritime domain for the advancement of its security and prosperity has long been clear.


**Pakistan captures 23 Indian fishermen off Gujarat coast.** *Indian Express* [Online]. 27 April 2017. Available from: <http://indianexpress.com/article/india/pakistan-captures-23-indian-fishermen-off-gujarat-coast-4630097/> The Pakistan Maritime Security Agency (PMSA) has apprehended 23 Indian fishermen and seized their four boats off the Gujarat coast, according to an official of the National Fishworkers' Forum.

## MARITIME TRAINING

**RAK Ports establish Marine Training Institute.** *Arabian Supply Chain* [Online]. 2 April 2017. Available from: <http://www.arabiansupplychain.com/article-13106-rak-ports-establish-marine-training-institute/> RAK Ports, the commercial maritime body acting on behalf of the government of Ras Al Khaimah, has announced the establishment of the RAK Marine Training Institute.

**Job openings abound in maritime sector but ...** By Seth J. Bokpe. *Graphic Online (Ghana)* [Online]. 4 April 2017. Available from: <http://www.graphic.com.gh/business/business-news/job-openings-abound-in-maritime-sector-but.html> Ghana is losing out on thousands of job opportunities in the maritime industry because of the inadequate capacity of the Regional Maritime University to admit more students to pursue courses.

**Skills gap filled as state-of-the-art maritime training centre opens in WA.** *Maritime Union of Australia (MUA)* [Online]. 7 April 2017. Available from: [http://www.mua.org.au/skills\\_gap\\_filled\\_as\\_state\\_of\\_the\\_art\\_maritime\\_training\\_centre\\_opens\\_in\\_wa](http://www.mua.org.au/skills_gap_filled_as_state_of_the_art_maritime_training_centre_opens_in_wa) An exciting new boost for Australia's maritime industry will open its doors tonight, with the highly-anticipated launch of the Maritime Employees Training Ltd. (METL) Training Centre in Henderson.

**South Africa's seafarer training given a boost with historic MoU: SAIMI.** *South African Maritime Safety Authority (SAMSA)* [Online]. 10 April 2017. Available from: <https://blog.samsa.org.za/2017/04/10/south-africas-seafarer-training-given-a-boost-with-historic-mou-saimi/> The signing took place on the third last day of the South African Maritime Industry Conference 2017 (SAMIC) held at the Boardwalk Conference Centre from Wednesday to Friday a week ago. [SAIMI MoU with Global on Board](#) 

**MPA prepares global maritime leaders to tackle new challenges in industry.** *Maritime and Port Authority of Singapore (MPA)* [Online]. 20 April 2017. Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/2f8b0407-14e3-4563-90cc-a1d9a254b151> The MPA Academy – the training arm of the Maritime and Port Authority of Singapore (MPA) – in partnership with the Singapore Management University (SMU) and Human Capital Leadership Institute, today officially launched its 2nd Advanced Maritime Leaders' Programme (AMLPP).

**eMaritime claims training success.** *Tanker Operator* [Online]. 28 April 2017. Available from: <http://www.tankeroperator.com/news/emaritime-claims-training-success/8607.aspx> Five out of the seven Continents have Selected eMaritime Group as their preferred provider for IMO 6.09 and 6.10 'Train the Trainer' courses.

**IMO Regional Technology Center Nominated in Panama.** *Maritime Executive* [Online]. 26 April 2017. Available from: <http://www.maritime-executive.com/article/imo-regional-technology-center-nominated-in-panama> The International Maritime University of Panama has been selected to host the IMO's regional maritime technology cooperation center for the Latin America region.

## MIGRANTS


**Six migrants rescued from sinking boat in English Channel while trying to reach Dover in thick fog.** *The Telegraph* [Online]. 4 April 2017. Available from: <http://www.telegraph.co.uk/news/2017/04/04/six-migrants-rescued-sinking-boat-english-channel-trying-reach/> Six Iranian migrants have been rescued from a sinking boat as they attempted to cross the English Channel.

**EU migration crisis: border agency accused of stirring controversy.**  
**By Stephanie Kirchgaessner.** *The Guardian* [Online]. 5 April 2017. Available from: <https://www.theguardian.com/world/2017/apr/05/eu-migration-crisis-frontex-people-traffickers>  
A senior Italian minister has accused Frontex, the EU border agency, of creating a "misleading controversy" for political purposes after it accused aid groups such as Médecins Sans Frontières (MSF) of colluding with migrant-traffickers.

**Mediterranean Migrant Arrivals Reach 29,369; Deaths: 663.** *International Organization for Migration (IOM)* [Online]. 4 April 2017. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-29369-deaths-663> IOM reports that 29,369 migrants and refugees entered Europe by sea in 2017 through 2 April, with over 80 percent arriving in Italy and the rest in Spain and Greece.

**Three killed after migrant boat sinks off coast of Spain.** **By Isla Binnie and Maria Vega.** *Reuters* [Online]. 12 April 2017. Available from: <http://www.reuters.com/article/us-europe-migrants-spain-idUSKBN17E1F8> Three migrants from sub-Saharan Africa were killed when their boat capsized in the Mediterranean but the Spanish navy managed to rescue another 30 people in the group, a coast guard spokeswoman said on Wednesday.

**Mediterranean migrant arrivals reach 31,993, deaths: 664.**  
*International Organization for Migration (IOM)* [Online]. 11 April 2017. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-31993-deaths-664> IOM reports that 31,993 migrants and refugees entered Europe by sea in 2017 through 9 April, with over 80 percent arriving in Italy and the rest in Spain and Greece.

**Distress calls off the Libyan coast.** *BBC World Service* [Online]. 17 April 2017. Available from: <http://www.bbc.co.uk/programmes/p0509zdn>  Rescue workers have saved thousands of migrants from drowning off the coast of Libya, in recent days.

**Human Rights at Sea is witnessing a tragic evolution of rescue operations offshore Libya.** *Human Rights at Sea (HRAS)* [Online]. 17 April 2017. Available from: <https://hras-seawatch.org/2017/04/17/human-rights-at-sea-is-witnessing-a-tragic-evolution-of-rescue-operations-offshore-libya/> The German civil society NGOs Jugend Rettet and Sea-Eye have called Mayday on Sunday.

**Frontex rescues more than 1400 migrants over Easter weekend.**  
*Frontex European Border and Coast Guard Agency* [Online]. 17 April 2017. Available from: <http://frontex.europa.eu/pressroom/news/frontex-rescues-more-than-1400-migrants-over-easter-weekend-yPWklu> During the Easter weekend, Frontex, the European Border and Coast Guard Agency, rescued more than 1400 migrants in the Central Mediterranean in 13 search and rescue operations.



**MOAS conducts rescue of over 1,500 people from 9 vessels across 24 hours of uninterrupted rescue operations in the central Mediterranean.** *Migrant Offshore Aid Station (MOAS)* [Online]. 16 April 2017. Available from: <http://www.goo.gl/18EqfC> With 2,074 rescues conducted in the Central Mediterranean by various search-and-rescue (SAR) assets on Friday 14th, including 134 rescued by the Phoenix, this weekend is set to be the latest marker in the record-breaking escalation of this on-going humanitarian crisis at sea.

**Thousands of migrants trying to reach Italy rescued from Mediterranean.**

**By David Greene.** *National Public Radio (US)* [Online]. 18 April 2017. Available from: <http://www.npr.org/2017/04/18/524473892/thousands-of-migrants-trying-to-reach-italy-rescued-from-mediterranean> David Greene talks to American philanthropist Christopher Catrambone, who describes the dramatic rescue of 8,000 migrants, including a two-week-old baby, from the Mediterranean over the weekend.

**Mediterranean: Nearly 9,000 Migrants Rescued in One Weekend, as Total Deaths Reach 900 in 2017.** *International Organization for Migration (IOM)* [Online]. 18 April 2017.

Available from: <http://www.iom.int/news/mediterranean-nearly-9000-migrants-rescued-one-weekend-total-deaths-reach-900-2017> Over the three days between Friday 14 to Sunday 16 April, a total of 8,360 migrants were rescued in the Mediterranean by the Italian Coast Guard, the many Non-governmental Organizations (NGOs) rescue ships, Frontex, EunavforMED and commercial ships.

**Sixteen migrants drown making Turkey-Greece crossing.** *BBC News* [Online].

25 April 2017. Available from: <http://www.bbc.co.uk/news/world-africa-39704754> At least 16 people have drowned in the narrow strait separating Turkey from the Greek island of Lesbos, say authorities and the UN.

**Mediterranean Migrant Arrivals Top 43,000 in 2017; Deaths: 1089.**

*International Organization for Migration (IOM)* [Online]. 25 April 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-top-43000-2017-deaths-1089> IOM, the UN Migration Agency reports that 43,204 migrants and refugees entered Europe by sea in 2017 through 23 April, over 80 percent arriving in Italy and the rest in Spain and Greece.


**Refugees stranded for 30 hours before rescue in Mediterranean. By Diane Taylor.**

*The Guardian* [Online]. 21 April 2017. Available from: <https://www.theguardian.com/world/2017/apr/21/refugees-stranded-mediterranean-dinghy> A hundred refugees and migrants crammed into a small dinghy that started taking in water in the Mediterranean endured an agonising 30-hour wait before they were rescued, a maritime log passed to the Guardian has revealed.

**Mediterranean Migrant Arrivals: 43,357 in 2017; Deaths: 1,089.**

*International Organization for Migration (IOM)* [Online]. 28 April 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-43-357-2017-deaths-1089> IOM, the UN Migration Agency reports that 43,357 migrants and refugees entered Europe by sea in 2017 through 26 April, over 80 percent arriving in Italy and the rest in Spain and Greece.


**Courageous Syrian swimmer named UN refugee agency Goodwill Ambassador.**

*UN News Centre* [Online]. 27 April 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=56641>  The Office of the United Nations High Commissioner for Refugees (UNHCR) today appointed Yusra Mardini - a Syrian refugee who together with her sister swam for three hours in the Mediterranean Sea off Turkey's coast, pulling a capsizing boat of refugees to safety - as its new Goodwill Ambassador.

## NAVIGATION AND COMMUNICATIONS

### **Shipping needs the modernisation of safety communications. By Martyn Wingrove.**

*Marine Electronics and Communications* [Online]. 4 April 2017. Available from:

<http://www.goo.gl/91dzgo>  Shipping needs modern safety communications that deliver virtually 100 per cent reliability.

### **Giant icebergs in Canada crowd shipping lanes and attract tourists.**


*Canadian Broadcasting Corporation (CBC)* [Online]. 25 April 2017. Available from:

<http://www.cbsnews.com/news/giant-iceberg-canada-newfoundland-international-coast-guard/>

In the eastern-most area in North America, sea ice has made life difficult for many who cross the waters along the coast.

### **A bounty of bergs: Ice patrol counts 670 in shipping lanes. By Cec Haire.**

*Canadian Broadcasting Corporation (CBC)* [Online]. 27 April 2017. Available from:

<http://www.cbc.ca/news/canada/newfoundland-labrador/international-ice-patrol-banner-year-icebergs-1.4086733> 

Transatlantic shipping off the coast of Newfoundland hasn't been the same since that vicious wind storm that struck in mid-March.

## PIRACY

### **Somali pirates hijack Indian commercial ship: Official. *Times of India* [Online]. 3 April 2017.**

Available from: <http://www.goo.gl/isPZfq> A cargo ship with 11 Indian crew members on board has been hijacked by pirates off the Somalian coast, officials from the Directorate General of Shipping said on Monday.

### **Somali pirates hijack Indian commercial vessel. By Abdiqani Hassan. *Reuters* [Online].**

3 April 2017. Available from: <http://uk.reuters.com/article/uk-somalia-piracy-idUKKBN1750PR>

Pirates have hijacked an Indian commercial ship off the coast of Somalia, the second attack in weeks after years of inactivity, industry and security sources said on Monday.

### **Seized Indian vessel taken to El Hur near Somalia's port Hobyo: pirate leader.**

**By Abdi Sheikh and Abdiqani Hassan. *Reuters* [Online]. 4 April 2017. Available from:**

<http://www.reuters.com/article/us-somalia-piracy-idUSKBN1760UW> Pirates who seized an Indian cargo dhow with 11 crew members in waters off the Somali coast have taken the vessel to El Hur, near the port of Hobyo in Somalia's semi-autonomous Galmudug state, a pirate leader told Reuters on Tuesday.

### **EU Naval Force confirms Indian dhow seized by pirates off coast of Somalia. *EU NAVFOR***

*Somalia* [Online]. 3 April 2017. Available from: <http://eunavfor.eu/eu-naval-force-confirms-indian-dhow-seized-by-pirates-off-coast-of-somalia/> An EU Naval Force maritime patrol aircraft has confirmed the exact location of the dhow and has attempted to establish radio communications but without success.

### **UNODC Chief urges greater vigilance in face of increased attacks by Somali pirates.**

*United Nations Office on Drugs and Crime (UNODC)* [Online]. 4 April 2017. Available from:

<http://www.goo.gl/eQgakk> Ships should continue to follow the advice of navies and the International Maritime Organisation when planning passage off Somalia stresses UNODC.

**India, China navies stop suspected Somali pirate attack on merchant vessel.**

**By Aditya Kalra.** *Reuters* [Online]. 9 April 2017. Available from:

<http://www.reuters.com/article/us-somalia-piracy-idUSKBN17B09F> A Chinese navy ship supported by an Indian navy helicopter thwarted an attack by suspected Somali pirates on a Tuvalu-flagged merchant ship, India's defense ministry said on Sunday.

**Piracy and armed robbery against ships in Asia January - March 2017.** *ReCAAP* [Online]. 11 April 2017. Available from:

[http://www.recaap.org/AlertsReports/IncidentReports.aspx?Command=Core\\_Download&EntryId=499](http://www.recaap.org/AlertsReports/IncidentReports.aspx?Command=Core_Download&EntryId=499)

**Cargo Ship MV OS-35 freed from pirate control after successful cooperation between counter-piracy naval forces in Gulf of Aden.** *EU NAVFOR Somalia* [Online]. 10 April 2017.

Available from: <http://eunavfor.eu/cargo-ship-mv-os-35-freed-from-pirate-control-after-successful-cooperation-between-counter-piracy-naval-forces-in-gulf-of-aden/> EU Naval Force confirms that cargo ship, *MV OS-35*, that was attacked by suspected armed pirates on Saturday 8 April, is safe and en route to port after successful cooperation between international counter-piracy naval forces in the Gulf of Aden.

**When can we say with more certainty that Somalia-based piracy is resurgent?**

**By James Wilkes.** *Splash 24/7* [Online]. 10 April 2017. Available from:

<http://splash247.com/can-say-certainty-somalia-based-piracy-resurgent/> On March 13, a small products tanker named *Aris 13* was hijacked by a group of Somalians made up of young fishermen and former pirates according to Salad Nur, an elder from the coastal town Alula, in Puntland.

**Somalia's pirates are back in business.** **By Jason Patinkin.** *Foreign Policy* [Online].

9 April 2017. Available from: <http://foreignpolicy.com/2017/04/09/somalias-pirates-are-back-in-business/> After being all but stamped out by international naval forces following its late-2000s heyday, piracy has made a sudden return to the Horn of Africa.

**Operation Atalanta's Force Commander and European Ambassadors reinforce need for vigilance against piracy threat during port visit to Tanzania.** *EU NAVFOR Somalia* [Online].

11 April 2017. Available from: <http://www.goo.gl/8KaB2E> On Sunday 9 April 2017 Operation Atalanta's flagship, *ESPS Galicia*, hosted seven European ambassadors to Tanzania during a port visit to Dar Es Salaam.

**Somali security forces capture 10 pirates in stand-off: officials.** **By Abdi Sheikh.** *Reuters*


[Online]. 11 April 2017. Available from: <http://www.reuters.com/article/us-somalia-piracy-idUSKBN17D18Z> Somali forces who have surrounded pirates holding hostages taken from an Indian ship secured the surrender of 10 members of the band on Tuesday and enlisted the parents of the other three to persuade them to give up, officials said.

**Somalia's military rescues 8 Indian crew members held hostage by pirates.** *Times of India*

[Online]. 12 April 2017. Available from: <http://timesofindia.indiatimes.com/india/somalias-military-rescues-8-indian-crew-held-by-pirates/articleshow/58146431.cms> Somalia's military has rescued eight Indian crew members who had been held hostage by pirates, an official said on Wednesday.

**Somali Piracy Disremembered.** **By Yury Fedotov, Executive Director, UN Office on Drugs and Crime.** *Huffington Post* [Online]. 12 April 2017. Available from:


[http://www.huffingtonpost.co.uk/yury-fedotov/somali-piracy-disremember\\_b\\_15932740.html](http://www.huffingtonpost.co.uk/yury-fedotov/somali-piracy-disremember_b_15932740.html) Somali piracy off the Horn of Africa was once estimated by the World Bank to cost global trade billions of dollars, and to harm the fragile economies of countries in the region.

**View on Africa: is piracy back?** *Institute for Security Studies (ISS)* [Online]. 12 April 2017. Available from: <https://issafrica.org/media-resources/videos-and-infographics/view-on-africa-is-piracy-back> 

**Attention shifts to Somalia in bid to protect maritime trade.** By Fred Oluoch. *East African (Kenya)* [Online]. 17 April 2017. Available from: <http://www.theeastafrican.co.ke/news/Yemen-war-shift-focus-to-Somalia/2558-3892528-g79o8o/index.html> Somalia is suddenly back in the limelight, with a number of high-level visits in the past few weeks signalling a renewed interest by the international community in the country that had been written off as a failed state.

**Korea to hold anti-piracy drill.** *Korea Herald* [Online]. 20 April 2017. Available from: <http://www.koreaherald.com/view.php?ud=20170420000776> South Korea will hold an anti-piracy drill in waters off the southern coast ahead of the dispatch of a 4,500-ton destroyer to Somalia, the maritime ministry said Thursday.

**Swift Acting Crews Reduce Asian Pirate Attacks.** *Maritime Executive* [Online]. 20 April 2017. Available from: <http://www.maritime-executive.com/article/swift-acting-crews-reduce-asian-pirate-attacks> The number of piracy incidents in Asia has dropped in the first quarter this year, compared to the same period in 2016, and ReCAAP ISC praises the swift action of crews and responding military forces.

**ReCAAP Quarterly Report (January-March 2017).** *ReCAAP* [Online]. 25 April 2017. Available from: [http://www.recaap.org/DesktopModules/Bring2mind/DMX/Download.aspx?Command=Core\\_Download&EntryId=506&PortalId=0&TabId=78](http://www.recaap.org/DesktopModules/Bring2mind/DMX/Download.aspx?Command=Core_Download&EntryId=506&PortalId=0&TabId=78)  A total of 20 incidents of piracy and armed robbery against ships (comprising 15 actual incidents and five attempted incidents) were reported during January-March 2017 in Asia.

**Pirate attacks rising off East Africa, Pentagon and shipping records show.** *Hellenic Shipping News* [Online]. 24 April 2017. Available from: <http://www.hellenicshippingnews.com/pirate-attacks-rising-off-east-africa-pentagon-and-shipping-records-show/> Pirates once again prowl the high seas off shore of this tiny country on the strategic Horn of Africa.

**Somalia drought fuelling piracy - US Africa command head.** *BBC News* [Online]. 24 April 2017. Available from: <http://www.bbc.co.uk/news/world-africa-39692080>  The recent rise in piracy off the Somali coast has been partially fuelled by drought and famine, a top US army officer has said.

**Key Challenges to Paying Seafarers during Captivity.** *World Maritime News* [Online]. 21 April 2017. Available from: <http://worldmaritimeneews.com/archives/218139/key-challenges-to-paying-seafarers-during-captivity/> In light of increased maritime piracy attacks, especially off the Horn of Africa, which often include hijacking of seafarers, employers are facing new challenges.

**Curbing resurgence of Somali piracy.** By Yuri Fedotov, executive director, UN Office on Drugs and Crime. *Daily Nation (Kenya)* [Online]. 24 April 2017. Available from: <http://www.nation.co.ke/oped/Opinion/Curbing-resurgence-of-Somali-piracy/440808-3902370-1967w1/index.html> Somali piracy, off the Horn of Africa, was once estimated by the World Bank to cost global trade billions of dollars, and to harm the fragile economies of countries in the region.


**Somali coastline still vulnerable to piracy despite a five year lull: expert.** *Hellenic Shipping News* [Online]. 27 April 2017. Available from: <http://www.hellenicshippingnews.com/somali-coastline-still-vulnerable-to-piracy-despite-a-five-year-lull-expert/> The expansive Somali coastline that is a critical shipping route remains prone to pirate attacks despite a five year lull occasioned by enhanced patrols by international naval forces, an expert has said.

## PORT STATE CONTROL

### Foreign flagged ships under detention in the UK during March 2017.

*UK Maritime & Coastguard Agency* [Online]. 3 April 2017. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-under-detention-in-the-uk-during-march-2017> The Maritime and Coastguard Agency (MCA) announced today that eight foreign flagged ships were under detention in UK ports during March 2017 after failing Port State Control (PSC) inspection.

### 2016 Port State Control Annual Report posted. By Amy Midgett.

*US Coast Guard Maritime Commons* [Online]. 14 April 2017. Available from: <http://mariners.coastguard.dodlive.mil/2017/04/14/4142017-2016-port-state-control-annual-report-posted/> The Coast Guard's Port State Control 2016 Annual Report has been released by the Foreign and Offshore Compliance Division of the Office of Commercial Vessel Compliance. [Port State Control in the United States](#) 

### Flag of Convenience: Can Sri Lanka nurture this 'Golden Goose'? By Captain A. Banerjee.

*Sunday Observer (Sri Lanka)* [Online]. 23 April 2017. Available from: <http://www.goo.gl/vuHABz> In the last 2 years Sri Lanka has taken considerable efforts and is slowly moving towards her desire to be the next Maritime Hub.

### Danish, Norwegian and Singapore Maritime Authorities Sign Memorandum of Understanding on use of E-Certificates. *Maritime and Port Authority of Singapore (MPA)*

[Online]. 24 April 2017. Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/c241463d-0caa-445b-93b7-0b84a5861326> This is believed to be the first MoU anywhere in the world between the maritime authorities of European nations and an Asian country that promotes the acceptance and use of E-Certs over hard copy documents practised by the shipping community today.

## PORTS AND HARBOURS

### Smart thinking [South Africa's ports & logistics sectors]. By Kerry Dimmer. *Port Strategy*

[Online]. 3 April 2017. Available from: <http://www.portstrategy.com/news101/world/africa/smart-thinking> Newly qualified chief marine engineering officers are efficiently maintaining the mechanical integrity of the South African ports' tug fleet, and along with new dredging vessels and marine aviation helicopters, a wider fleet replacement programme is proving that the adoption of South Africa's state-owned Transnet's Market Demand Strategy (MDS), is working.

### Africa's ports revolution: A tale of two port cities. By David Rogers.

*Global Construction Review (GCR) Chartered Institute of Building* [Online]. 3 April 2017. Available from: <http://www.globalconstructionreview.com/sectors/africas-ports-revolution-tale-t7wo-p7ort-citi7es/> GCR's four-part series on Africa's new generation of modern megaports concludes with the Mediterranean, where port projects have become high-stakes bets with far-reaching consequences for their host nations.

**P&O Ports wins USD \$ 336m 30-year concession for port of Bosasso in Somalia's Puntland.** *WAM (Emirates News Agency)* [Online]. 6 April 2017. Available from: <http://wam.ae/en/details/1395302607294> P&O Ports, owned by the Government of Dubai, has won a 30-year concession for the management and development of a multi-purpose port project at Bosasso in the Puntland State of Somalia.

**Costa Rica's \$1 billion USD mega-terminal of the Atlantic moves forward.** *Costa Rica Star* [Online]. 6 April 2017. Available from: <http://news.co.cr/costa-rica-1-billion-mega-terminal-to-be-built-project-moves-forward/58983/> Costa Rica is one step closer to developing a world-class container transshipment terminal on the Caribbean coast, near the current shipping and cruise port of Limon.

**Expanded Panama Canal opens a new LNG route.** *By Jose Arango. LNG World Shipping* [Online]. 10 April 2017. Available from: [http://www.lngworldshipping.com/news/view\\_expanded-panama-canal-opens-a-new-lng-route\\_46533.htm](http://www.lngworldshipping.com/news/view_expanded-panama-canal-opens-a-new-lng-route_46533.htm) Last year's opening of the expanded Panama Canal welcomed LNG to the waterway for the first time in 102 years.

**Liverpool's new cruise terminal moves another step closer.** *By Tony Storey. Seatrade Maritime News* [Online]. 11 April 2017. Available from: <http://www.seatrade-cruise.com/news/news-headlines/liverpool-s-new-cruise-terminal-moves-another-step-closer.html> The document, to be considered by the UK city's ruling Cabinet on 21 April, also seeks approval for a further £1.7m (\$2.1m) to be spent on the next phase of technical studies and investigations into the feasibility of the plan to build and operate a purpose-built terminal capable of handling up to 3,600 turnaround passengers.

**ECLAC launches new Maritime and Logistics Profile to support logistics policies for sustainable development.** *Economic Commission for Latin America and the Caribbean (ECLAC)* [Online]. 10 March 2017. Available from: <http://www.cepal.org/en/pressreleases/eclac-launches-new-maritime-and-logistics-profile-support-logistics-policies> The Economic Commission for Latin America and the Caribbean (ECLAC) has just made an updated version of its Maritime and Logistics Profile available on its website. [Ports, transport and logistics Profile](#)

**Port of Rotterdam is anticipating climate change.** *Port of Rotterdam* [Online]. 12 April 2017. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/port-of-rotterdam-is-anticipating-climate-change> Right now, Rotterdam's port area is effectively protected against floods.

**China's Tianjin port cracks down on coal in Beijing's war on smog: notice.** *Reuters* [Online]. 17 April 2017. Available from: <http://uk.mobile.reuters.com/article/idUKKBN17J0L2> China's Tianjin Port Co Ltd will impose measures to curb the trucking and storage of coal months earlier than expected, as one of the nation's busiest ports complies with government orders in its war on smog, a customer notice shows.

**Positive early take up of 'green' discount on port charges.** *Port of London Authority (PLA)* [Online]. 24 April 2017. Available from: <http://www.pla.co.uk/Green-Discount> Introduced by the Port of London Authority (PLA) on 1 January, the discount is available to ships that exceed international emissions standards set by the International Maritime Organisation (IMO) in a scoring scheme run by the World Ports Climate Initiative.

**Sulfur Fire Injures Five at Port Manatee.** *Maritime Executive* [Online]. 27 April 2017. Available from: <http://www.maritime-executive.com/article/sulfur-fire-injures-five-at-port-manatee> On Wednesday night, a fire at a sulfur storage mound at Port Manatee, Florida sent five people to the hospital and forced authorities to temporarily close U.S. Highway 41.

## RECYCLING OF SHIPS

**Controversial tide carrier under arrest in Norway.** *NGO Shipbreaking Platform* [Online]. 6 April 2017. Available from: <http://www.shipbreakingplatform.org/press-release-controversial-tide-carrier-under-arrest-in-norway/> After having been informed by the NGO Shipbreaking Platform and its member organisation Bellona that the TIDE CARRIER (now named *HARRIER*, aka *EIDE CARRIER*) had been sold for illegal, dirty and dangerous scrapping to a South Asian beaching facility, the Norwegian environmental authorities arrested the ship on Tuesday 5 April [1].

**Ship recycling: On the rise from deep waters.** **By Sheena Abraham.** *Steel 360 (India)* [Online]. 13 April 2017. Available from: <http://news.steel-360.com/scrap/ship-recycling-on-rise-deep-waters/> South Asia dominates the global ship breaking industry.

**Platform Publishes South Asia Quarterly Update.** *NGO Shipbreaking Platform* [Online]. 25 April 2017. Available from: <http://www.shipbreakingplatform.org/platform-publishes-south-asia-quarterly-update-12/> 28 ships were sold for scrap to the South Asian beaches in the first quarter of 2017.

## REGULATIONS


**TT Talk - VGM nine months on.** **By Peregrine Storrs-Fox, Risk Management Director.** *TT Club* [Online]. 4 April 2017. Available from: <https://www.ttclub.com/loss-prevention/tt-talk/article/tt-talk-vgm-nine-months-on-137664/> New international regulations implemented last July clearly defined what comprises 'gross mass' for transporting packed containers by sea and required one of two weighing processes to support documented communication between stakeholders.

**For the bunker industry, 100% sulfur compliance by 2020 is a distant dream.** **By Surabhi Sahu.** *S&P Global Platts* [Online]. 7 April 2017. Available from: <http://www.platts.com/latest-news/shipping/singapore/feature-for-the-bunker-industry-100-sulfur-compliance-26706656> The world's bunker industry is making progress in inching toward meeting the International Maritime Organization (IMO) global sulfur cap target by 2020, but with less than three years to go, achieving the target in its entirety still looks like a tough climb.

**Maritime nations call for regulation of unmanned ships.** **By Louise Vogdrup-Schmidt.** *ShippingWatch* [Online]. 11 April 2017. Available from: <http://shippingwatch.com/secure/carriers/article9502170.ece> The development of autonomous vessels is underway in several countries and they could soon begin sailing, but the matter remains of how to regulate the international sailing of unmanned vessels.

**Disruption in shipping; regulators wake up!** **By Olaf Merk.** *Shipping Today* [Online]. 13 April 2017. Available from: <http://shippingtoday.eu/disruption/> What could disruptive innovation in container shipping look like?

**Sekimizu renews calls for flag state laggards to sign ballast convention.** **By Inderpreet Walia.** *Lloyd's List* [Online]. 24 April 2017. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article554304.ece> Former International Maritime Organization secretary-general Koji Sekimizu has renewed calls for flag states to ratify the ballast water management convention, some five months ahead of its entry into force.

**BWM Legislation Implementation: Possibilities and impossibilities.** *International Association of Dry Cargo Shipowners (INTERCARGO)* [Online]. 25 April 2017. Available from: <https://www.intercargo.org/en/news/industry-development/485-bwm-legislation-implementation-possibilities-and-impossibilities.html> The INTERCARGO Secretariat is pleased to communicate the attached open article on Ballast Water Management, providing our insights to the current relevant developments that much concern the shipping community and especially our members. [Paper](#) 

**Bulk carriers face BWM challenges.** *The Motorship* [Online]. 25 April 2017. Available from: <http://www.motorship.com/news101/regulation-and-classification/bulk-carriers-face-bwm-challenges> Ahead of the IMO's Marine Environment Protection Committee (MEPC) meeting in July, bulk carrier association Intercargo has outlined some of the difficulties facing the segment as it looks to implement the requirements of the Ballast Water Management (BWM) Convention.

**ABS Facilitates Polar Code Operational Assessment.** *ABS (American Bureau of Shipping)* [Online]. 25 April 2017. Available from: <http://ww2.eagle.org/en/news/press-room/2017/ABS-Facilitates-Polar-Code-Operational-Assessment.html> ABS, a leading provider of classification and technical services to the marine and offshore industries, facilitated a Polar Code Operational Assessment, a milestone in the implementation of the IMO Polar Code.

**Respect of fishing rules has improved in the past years, but more needs to be done to achieve full compliance, reveals a Commission evaluation on the fisheries control regime.** *European Commission* [Online]. 25 April 2017. Available from: [https://ec.europa.eu/fisheries/respect-fishing-rules-has-improved-past-years-more-needs-be-done-achieve-full-compliance-reveals\\_en](https://ec.europa.eu/fisheries/respect-fishing-rules-has-improved-past-years-more-needs-be-done-achieve-full-compliance-reveals_en) The report shows that Member States have generally implemented the main obligations set by this regulation, which remains a key instrument to deliver the objectives of the Common Fisheries Policy (CFP).

**Protection of the Sea (Prevention of Pollution from Ships) Amendment (Polar Code) Bill 2017.** *Government of Australia* [Online]. 27 April 2017. Available from: <http://parlinfo.aph.gov.au/parlInfo/search/display/display.w3p;query=Id%3A%22legislation%2Fbill%2F5238716%22> Purpose of the Bill The purpose of the Protection of the Sea (Prevention of Pollution from Ships) Amendment (Polar Code) Bill 2017 (the Bill) is to amend the Protection of the Sea (Prevention of Pollution from Ships) Act 1983 (POTS Act) to fulfil Australia's international obligations under the International Code for Ships Operating in Polar Waters (Polar Code), and in particular to implement stricter requirements for discharging oil, noxious substances, sewage and garbage from ships in Antarctic and Arctic waters.


**IMO's low-sulphur cap will boost tanker demand after 2020.** *By Eric Yep. Lloyd's List* [Online]. 27 April 2017. Available from: <https://www.lloydslist.com/ll/sector/tankers/article554597.ece> The disruption in fuel supply created by the International Maritime Organization's low-sulphur regulations post-2020 would boost tanker demand as vessels would be needed to transport compliant fuels to different locations, Howe Robinson & Partners' head of tanker research Stavroula Betsakou said at the Sea Asia conference held during Singapore Maritime Week.




## SALVAGE

**Workers aim to dock *Sewol-ho* onto dry land by Friday.** *Arirang News (South Korea)*

[Online]. 4 April 2017. Available from:

[http://www.arirang.co.kr/News/News\\_View.asp?nseq=202542](http://www.arirang.co.kr/News/News_View.asp?nseq=202542)  The Ministry of Oceans and Fisheries and the head of a special committee overseeing the search and investigation of the ill-fated *Sewol-ho* ferry say they're pursuing all possible ways to speed up the final preparations to safely transport the vessel on dry land by Friday.

***Sewol-ho* ferry to be secured at current location due to structural concerns.** *Arirang News (South Korea)* [Online]. 11 April 2017. Available from:

[http://www.arirang.co.kr/News/News\\_View.asp?nseq=202754](http://www.arirang.co.kr/News/News_View.asp?nseq=202754)  Officials have decided to leave the *Sewol-ho* ferry where it is due to concerns about the structural integrity of the vessel and the potential risk of further damage.

## SEAFARERS

***Malaviya Seven* update.** *International Transport Workers' Federation* [Online]. 30 March 2017.

Available from: <http://www.itfglobal.org/en/news-events/press-releases/2017/march/malaviya-seven-update/> The ITF (International Transport Workers' Federation) yesterday arrested the ship *Malaviya Seven* on behalf of its crew.

**Crew of vessel at Kandla Port raises alarm over depleting food supplies.** *Indian Express*

[Online]. 6 April 2017. Available from: <http://indianexpress.com/article/india/crew-of-vessel-at-kandla-port-raises-alarm-over-depleting-food-supplies-4601419/> The crew of merchant vessel anchored in the waters of the Kandla port has sent out a video message on the social media, stating that the vessel has been idling at the port in Gujarat for the last 15 days and the crew onboard will soon run out of food and essential supplies.

**Australia to fine sacked seafarers.** *Maritime Executive* [Online]. 7 April 2017. Available from:

<http://maritime-executive.com/editorials/australia-to-fine-sacked-seafarers> The Australian Council of Trade Unions (ACTU) and the Maritime Union of Australia (MUA) are openly questioning the political motivations of Australia's Fair Work Ombudsman after the agency announced it was seeking \$10,800 fines for nine seafarers, five of whom were woken up at 1am and marched off the ship they were occupying in Portland, Victoria, in January 2016.

**Nautilus UK committee launches certificate campaign.** *Nautilus International* [Online].

6 April 2017. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/nautilus-uk-committee-launches-certificate-campaign/> Nautilus UK committee members have launched the next phase of activity for the Union's Charter for Jobs – sending special postcards to MPs to highlight the problems around the way UK Certificates of Equivalent Competency (CEC) are issued.

**HRAS publishes desperate letter for help from abandoned crew of *MV Liberty Prudencia*.**

*Human Rights at Sea (HRAS)* [Online]. 8 April 2017. Available from:

<https://www.humanrightsatsea.org/hras-publishes-desperate-letter-for-help-from-abandoned-crew-of-mv-liberty-prudencia/> Human Rights at Sea today publishes a copy of a desperate letter for help from the remaining Indian seafarers of the Hong Kong flagged *MV Liberty Prudencia* abandoned in China by the owner Paramount Liberty Shipping (HK) Ltd, which has been sent to the charity as well as a number of other welfare organisations, including the ITF.

[Letter](#) 

**300 ships and more than 1,000 seafarers fall for fake registry scam.** By Nicola Capuzzo. *Splash 24/7* [Online]. 12 April 2017. Available from: <http://splash247.com/300-ships-1000-seafarers-fall-fake-registry-scam/> Ships and seafarers are being illegally registered under a fake international registry.

**Blast brought crew safety into focus.** By Paul Gunton. *Tanker Shipping & Trade* [Online]. 13 April 2017. Available from: [http://www.tankershipping.com/news/view,blast-brought-crew-safety-into-focus\\_47297.htm](http://www.tankershipping.com/news/view,blast-brought-crew-safety-into-focus_47297.htm) MISC Berhad's 38,000 dwt *Bunga Alpinia* arrived in Labuan, Malaysia, to load methanol on 26 July 2012.

**Asleep at the helm: the dangerous impacts of seafarer fatigue.** By Eva Grey. *Ship-Technology.Com* [Online]. 13 April 2017. Available from: <http://www.goo.gl/B8vDV2> Over the past few years, the issues surrounding the wellbeing and mental health of seafarers have gained prominence thanks to increasingly accessible channels for reporting, the campaigning of maritime NGOs and support organisations, as well as more in-depth research projects investigating the human element of the maritime industry.

**Liberty Prudencia: a gross failure in protecting seafarers' rights.** By David Hammond of Human Rights at Sea. *Lloyd's List* [Online]. 18 April 2017. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article553959.ece> From papers supplied in March, the outstanding wage bill was in excess of \$148,000.


**New - Seafarer Pay Benchmarking.** *Spinnaker Global* [Online]. 25 April 2017. Available from: [https://spinnaker-global.com/blog/1587\\_25-04-2017\\_new-seafarer-pay-benchmarking](https://spinnaker-global.com/blog/1587_25-04-2017_new-seafarer-pay-benchmarking) A new global benchmarking service giving employers of crew reliable and easily-comparable pay data for all officers and ratings has been launched.

## SEARCH AND RESCUE

**European Parliament: Human Rights at Sea outlines voluntary SAR NGO Code of Conduct.** *Human Rights at Sea (HRAS)* [Online]. 31 March 2017. Available from: <https://www.humanrightsatsea.org/european-parliament-human-rights-at-sea-outlines-voluntary-sar-ngo-code-of-conduct/> Human Rights at Sea outlines the first voluntary Code of Conduct for Search and Rescue NGOs in the European Parliament.

**Search for crew of sunken Korean vessel continues.** By Kim Bo-eun. *Korea Times* [Online]. 10 April 2017. Available from: [http://www.koreatimes.co.kr/www/nation/2017/04/251\\_227261.html](http://www.koreatimes.co.kr/www/nation/2017/04/251_227261.html) The search is continuing for crewmembers of the Korean cargo vessel *Stellar Daisy* which is presumed to have sunk off the coast of Uruguay on March 31.

**Capesize bulker cadet in rescue drama.** By Dale Wainwright. *TradeWinds* [Online]. 18 April 2017. Available from: <http://www.tradewindsnews.com/casualties/1243097/capesize-bulker-cadet-in-rescue-drama> A cadet has been rescued in a dramatic sea rescue off Papua New Guinea (PNG) after falling overboard from a capesize bulk carrier.

**Master and crew honoured for rescuing man over board.** *Australian Maritime Safety Authority (AMSA)* [Online]. 12 April 2017. Available from: [https://www.amsa.gov.au/media/documents/12042017\\_Mediarelease\\_CometAcecrewawardedforMOBrescue.pdf](https://www.amsa.gov.au/media/documents/12042017_Mediarelease_CometAcecrewawardedforMOBrescue.pdf)  The Australian Maritime Safety Authority (AMSA) has recognised the master and crew of Panama-flagged car carrier *MV Comet Ace* for the remarkable rescue of a man over board in Vitiaz Strait on Saturday, 8 April 2017.

**Rescue NGOs in the Mediterranean call for more support. By Zivile Raskauskaite.**

*Deutsche Welle (DW) (Germany)* [Online]. 19 April 2017. Available from:

<http://www.dw.com/en/rescue-ngos-in-the-mediterranean-call-for-more-support/a-38493173> 

Nearly 9,000 refugees were rescued after they tried crossing the Mediterranean in unseaworthy boats over the weekend.

**Giuseppina Nicolini, Mayor of Lampedusa, and SOS Méditerranée to be awarded Félix Houphouët-Boigny Peace Prize. UNESCO** [Online]. 19 April 2017. Available from:

<http://en.unesco.org/news/giuseppina-nicolini-mayor-lampedusa-and-sos-mediterranee-be-awarded-felix-houphouet-boigny>

The Jury of the Félix Houphouët-Boigny Peace Prize has decided to award the Prize to Giuseppina Nicolini, Mayor of Lampedusa (Italy) and to the nongovernmental organization SOS Méditerranée (France) for their work to save the lives of refugees and migrants and welcome them with dignity.

## SHIPBUILDING AND SHIPREPAIR

**Russia to ship nuclear waste along Northern Sea Route. *Maritime Executive*** [Online].

7 April 2017. Available from: <http://maritime-executive.com/article/russia-to-ship-nuclear-waste-along-northern-sea-route> Russia is planning the construction of a purpose-built ship for transporting radioactive waste and spent nuclear fuel along the Northern Sea Route.

**HMD and DNV GL present world's first double side hull LPG carrier. *DNV GL*** [Online].

7 April 2017. Available from: <https://www.dnvgl.com/news/lpg-safe-hmd-and-dnv-gl-present-world-s-first-double-side-hull-lpg-carrier-89418> "We have been able to maintain the same cargo capacity as the single side hull design by optimising the structural configuration of the no. 1 and no. 3 cargo tanks design, in combination with finite element (FE) analysis and using the DNV GL rules to optimize the scantlings, weight and hull strength," says Dug Ki Min, Vice President, HMD Seoul.

**LNG-fuelled very large ore carrier (VLOC) joint design programme announced.**

*Lloyd's Register* [Online]. 6 April 2017. Available from: <http://www.lr.org/en/news-and-insight/news/vloc-jdp-launch.aspx> The joint design programme is aimed at exploring the suitability of technologies for large ships, such as VLOC.

**Latest 'World's largest containership' delivered to Maersk Line. *gCaptain*** [Online].

12 April 2017. Available from: <http://gcaptain.com/maersk-line-takes-delivery-of-worlds-largest-containership/> Just two weeks after the delivery of the first containership to surpass the 20,000 TEU mark, the record for the world's largest containership has been broken yet again with the delivery of the *Madrid Maersk* to Danish shipping giant Maersk Line.

**Wärtsilä to power world's first LNG fuelled offshore construction vessel. *Wärtsilä***

*Corporation* [Online]. 18 April 2017. Available from: <http://www.wartsila.com/media/news/18-04-2017-wartsila-to-power-worlds-first-lng-fuelled-offshore-construction-vessel> The technology group Wärtsilä is to supply the engines and other propulsion machinery for a new offshore construction vessel being built at the Cosco shipyard in China.

## SHIPPING

**France eyes Mediterranean shipping emissions zone as Marshall Islands renews green shipping push.** *Hellenic Shipping News* [Online]. 1 April 2017. Available from:

<http://www.goo.gl/YKfKqC> The first concrete evidence France is backing proposals for a Mediterranean-wide emissions control zone for shipping has emerged, a plan that could significantly accelerate EU action to tackle poor air quality in many of the continent's largest cities.

**Connecticut Maritime Association's 2017 Shipping Conference – Remarks from Rear Admiral Paul Thomas.** *US Coast Guard Maritime Commons* [Online]. 31 March 2017.

Available from: <http://www.goo.gl/ATwPty> Earlier this month, senior Coast Guard leaders had the opportunity to make remarks on various topics during the Connecticut Maritime Association's Shipping 2017 conference and expo in Stamford, Connecticut.


**EU Transport Ministers call for EU support in IMO emission reduction efforts.**

*Ship & Bunker* [Online]. 31 March 2017. Available from:

<http://shipandbunker.com/news/emea/486303-eu-transport-ministers-call-for-eu-support-in-imo-emission-reduction-efforts> European Union (EU) transport ministers, who met in Valletta, Malta this week, have voiced support for the International Maritime Organization (IMO) to lead action on reducing shipping industry, IHS Fairplay reports.

**ABS publishes comprehensive guidance for LNG regasification vessels.**

*ABS (American Bureau of Shipping)* [Online]. 31 March 2017. Available from:

<http://ww2.eagle.org/en/news/press-room/2017/New-ABS-Guide-Advances-Industry-FSRU-Development.html> ABS, a leading provider of classification and technical services to the marine and offshore industries, has published the ABS Guide for Building and Classing LNG Regasification Vessels, outlining guidance for classing LNG regasification vessels.  
[Guide for building and classing LNG regasification vessels](#) 

**SCF Group partners with Shell to make the first global step towards LNG-fuelled oil tanker industry.** *Sovcomflot* [Online]. 3 April 2017. Available from:

[http://sovcomflot.ru/en/press\\_office/press\\_releases/item86521.html](http://sovcomflot.ru/en/press_office/press_releases/item86521.html) SCF Group (Sovcomflot) has signed an agreement with Shell Western LNG B.V. (Shell) for the supply of liquefied natural gas (LNG) to fuel the first Aframax crude oil tankers in the world to be powered by LNG.

**What is the effective size of the operational world tanker fleet.** *Hellenic Shipping News*

[Online]. 5 April 2017. Available from: <http://www.hellenicshippingnews.com/what-is-the-effective-size-of-the-operational-world-tanker-fleet/> With the oil price looking capped by the potential for export of U.S. shale oil, and with industry opinion formers and analysts predicting steady demand growth over the coming three to five years (IEA forecast demand growth 1.4 million barrels per day 2017, 1.2m barrels per day per annum 2018-22), the freight market will in all likelihood be a supply driven market.

**Class acts in dual role over ballast rules.** *Ballast Water Treatment Technology* [Online].

4 April 2017. Available from: [http://www.ballastwatermanagement.co.uk/news/view,class-acts-in-dual-role-over-ballast-rules\\_47178.htm](http://www.ballastwatermanagement.co.uk/news/view,class-acts-in-dual-role-over-ballast-rules_47178.htm) Classification Societies have two masters when it comes to ballast water management: they assess manufacturer's equipment - often providing type-approval services for flag states - and advice to shipowners.

**Total and Pavilion Energy ink MOU on LNG bunkering cooperation.** *Total* [Online]. 4 April 2017. Available from: <http://www.total.com/en/media/news/press-releases/total-and-pavilion-energy-ink-mou-lng-bunkering-cooperation> Under the MOU, Pavilion Gas, a wholly-owned subsidiary of Pavilion Energy, will supply LNG as a bunker fuel to Total Marine Fuels Global Solutions, Total's affiliate in charge of worldwide bunkering activities, for LNG deliveries to its marine fuel customers in the port of Singapore.

**ABS concept approval advances LNG as fuel.** *ABS (American Bureau of Shipping)* [Online]. 3 April 2017. Available from: <http://ww2.eagle.org/en/news/press-room/2017/ABS-Concept-Approval-Advances-LNG-as-Fuel.html> ABS, a leading provider of classification and technical services to the marine and offshore industries, has granted a Certificate of General Design Approval (GDA) for an IMO Type B LNG fuel tank design developed by Hyundai Heavy Industries (HHI) of South Korea.

**Green feeding from Denmark.** *Naval Architect* [Online]. April 2017. Available from: [https://www.rina.org.uk/Green\\_feeding\\_from\\_Denmark.html](https://www.rina.org.uk/Green_feeding_from_Denmark.html) In 2005, 35% of Sulphur deposition in coastal areas originated from international shipping while 20% of Nitrogen deposits in coastal areas came from ships, according to the same report (Main Report Shipping, 2013).

**Unusually large swarm of icebergs blocking shipping lanes.** By Jennifer McDermott. *CTV News (Canada)* [Online]. 6 April 2017. Available from: <http://www.ctvnews.ca/sci-tech/unusually-large-swarm-of-icebergs-blocking-shipping-lanes-1.3356875> More than 400 icebergs have drifted into the North Atlantic shipping lanes over the past week in an unusually large swarm for this early in the season, forcing vessels to slow to a crawl or take detours of hundreds of kilometres.

**Hapag-Lloyd underlines "Huge Problem" with proposed EU Emissions Trading Scheme.** *Ship & Bunker* [Online]. 5 April 2017. Available from: <http://shipandbunker.com/news/world/176015> Hapag-Lloyd AG (Hapag-Lloyd) has highlighted a "huge problem" posed to the shipping industry by the inclusion of shipping emissions in the European Union's (EU's) Emission Trading Scheme (ETS).

**Cutting carbon emissions in shipping: The IMO and the EU in competing positions.** *Bunker Ports News Worldwide* [Online]. 5 April 2017. Available from: <http://www.bunkerportsnews.com/News.aspx?ElementId=d9b784d7-0acd-4360-80b7-f7de3fa8c8a6> The cutting of carbon emissions across all industries has increasingly become the focus of legislation in recent years.

**Monitoring plan: The first step to EU MRV compliance.** By Tobias Konik. *Maritime Executive* [Online]. 4 April 2017. Available from: <http://maritime-executive.com/blog/monitoring-plan-the-first-step-to-eu-mrv-compliance> As we approach the first deadline for the mandatory European MRV Shipping System, an increasing number of ship owners and managers are taking the first steps towards compliance.

**Frequency of major vessel casualties continue to rise: IUMI.** By Lee Hong Liang. *Seatrade Maritime News* [Online]. 7 April 2017. Available from: <http://www.seatrade-maritime.com/news/europe/frequency-of-major-vessel-casualties-continue-to-rise-iumi.html> The rise in frequency of major vessel casualties came on the back of rising energy claims against a reducing premium base, and the increased cargo accumulation risk onboard vessels and in port.

**Stella Daisy: Contagion rather than containment. By Sam Chambers.** *Splash 24/7* [Online]. 7 April 2017. Available from: <http://splash247.com/stellar-daisy-contagion-rather-containment/> I woke on Saturday to the terrible news coming from Uruguay that the giant 266,000 dwt *Stella Daisy* bulker had disappeared in the South Atlantic, likely sank.

**ClassNK e-Certificate authorized by Liberian Registry.** *ClassNK* [Online]. 6 April 2017. Available from:

[https://www.classnk.or.jp/hp/en/hp\\_news.aspx?id=2363&type=press\\_release&layout=5](https://www.classnk.or.jp/hp/en/hp_news.aspx?id=2363&type=press_release&layout=5)

Leading classification society ClassNK has received authorization from the Liberian Registry to provide Liberian flagged vessels with electronic certificates for statutory surveys.

**GREEN4SEA Conference addressed challenges and opportunities for sustainable shipping.** *Green4Sea* [Online]. 6 April 2017. Available from: <http://www.green4sea.com/green4sea-conference-addressed-challenges-and-opportunities-for-sustainable-shipping/> The event organized by GREEN4SEA and sponsored by DuPont, ERMA FIRST ESK Engineering, Wärtsilä as the lead sponsors and SKAI in the media for the event coverage.

**Infamous *MV Susitna* finally put to use in the Philippines. By Mike Schuler.** *gCaptain* [Online]. 6 April 2017. Available from: <http://gcaptain.com/infamous-mv-susitna-finally-put-to-use-with-philippine-red-cross/> The Philippine Red Cross has taken delivery of their newest and largest humanitarian and disaster response ship, the infamous *MV Susitna*.

**Tackling shipping's climate impacts costs less than you think. By Faig Abbasov, Aviation and Shipping Officer, Transport & Environment.** *Huffington Post* [Online]. 10 April 2017. Available from: [http://www.huffingtonpost.com/entry/tackling-shippings-climate-impacts-costs-less-than-us\\_58eb53f9e4b06f8c18beeda6](http://www.huffingtonpost.com/entry/tackling-shippings-climate-impacts-costs-less-than-us_58eb53f9e4b06f8c18beeda6) How much would you be willing to pay to tackle climate change?


**President Buhari to hold talks with African maritime administrators.** *Business Day (Nigeria)* [Online]. 9 April 2017. Available from: <https://www.businessdayonline.com/president-buhari-hold-talks-african-maritime-administrators/> President Muhammadu Buhari will hold meeting with the Association of African Maritime Administration (AAMA) on April 20 in Abuja, toward maximising the economic potential of the continent's oceans.

**NPA to spend N233.8 billion in 2017 budget. By Sulaimon Salau.** *Guardian (Nigeria)* [Online]. 11 April 2017. Available from: <https://guardian.ng/business-services/npa-to-spend-n233-8-billion-in-2017-budget/> The Nigerian Ports Authority (NPA) has presented a budget of N233.8 billion to the National Assembly for the 2017 fiscal year.

**Sea trade sector to grow by 10%.** *Business and Financial Times (Ghana)* [Online]. 11 April 2017. Available from: <http://thebftonline.com/business/maritime/23886/sea-trade-sector-to-grow-by-10-.html> Renewed confidence in the business environment is expected to lead to a 10 percent growth in the maritime sector this year, Dr. Kofi Mbiah, Chief Executive Officer of the Ghana Shippers' Authority (GSA) has projected.

**EU approves Maersk Line's purchase of Hamburg Süd. By Leonora Beck.** *ShippingWatch* [Online]. 10 April 2017. Available from: <http://shippingwatch.com/secure/carriers/article9499544.ece> Maersk Line has been given a green light to acquire Hamburg Süd, the European Union announces in a press release.

**Conspicuously absent: Shipping emissions in climate change policy.**

**By Rebecca Cowing.** *Boston University (US)* [Online]. 10 April 2017. Available from: <http://www.bu.edu/pardee/issues-in-brief-no-34-march-2017/> The 2015 Paris Climate Agreement relies on state actors to meet self-determined greenhouse gas emissions reduction targets by self-determined means. [Conspicuously Absent](#) 

**LNG bunkering set to fuel a favourable future in Asia.** **By Michael Chia, Managing Director of Keppel Offshore & Marine.** *Seatrade Maritime News* [Online]. 12 April 2017. Available from: <http://www.seatrade-maritime.com/news/asia/lng-bunkering-set-to-fuel-a-favourable-future-in-asia.html> In particular, the International Maritime Organization's (IMO) 2020 deadline for a fuel sulphur cap of 0.5% means there is growing impetus for the industry to resolve the structural and commercial obstacles that have been hindering the widespread adoption of LNG as a marine fuel.

**Catastrophe looms at ports after Brexit, shipping industry warns.** **By Lisa O'Carroll.**

*The Guardian* [Online]. 12 April 2017. Available from: <https://www.theguardian.com/politics/2017/apr/12/catastrophe-looms-at-ports-after-brexit-shipping-industry-warns> The UK is facing an "absolute catastrophe" if it does not sort out a "frictionless and seamless" border at Dover and other ports, the shipping industry has warned.

**Satisfaction survey in container transport: Customers rate service quality of ocean carriers "poor to average".** *Drewry Shipping Consultants* [Online]. 11 April 2017.

Available from: <https://www.drewry.co.uk/news/satisfaction-survey-in-container-transport-customers-rate-service-quality-of-ocean-carriers-poor-to-average> The ESC and Drewry contacted several hundred shippers and forwarders from all over the world in March 2017 and asked them how satisfied they were with 16 price and non-price related attributes of the services provided by ocean carriers.


**Another defect found on a Polaris VLOC.** **By Sam Chambers.** *Splash 24/7* [Online].

13 April 2017. Available from: <http://splash247.com/another-defect-found-polaris-vloc/> The hunt for the *Stellar Daisy* has been plunged into chaos with another converted VLOC that had been leading the search and rescue mission in the South Atlantic – also belonging to the same beleaguered Korean owner – forced to head to Cape Town for repairs.

**Trade recovery expected in 2017 and 2018, amid policy uncertainty.**

*World Trade Organization (WTO)* [Online]. 12 April 2017. Available from: [https://www.wto.org/english/news\\_e/pres17\\_e/pr791\\_e.htm](https://www.wto.org/english/news_e/pres17_e/pr791_e.htm) The WTO is forecasting that global trade will expand by 2.4% in 2017; however, as deep uncertainty about near-term economic and policy developments raise the forecast risk, this figure is placed within a range of 1.8% to 3.6%.

**World's biggest ship to lift 24,500 tonne Shell oil rig out of sea in most ambitious project of its kind.** **By Will Worley.** *The Independent* [Online]. 12 April 2017. Available from:


<http://www.goo.gl/UHtsZq>  The world's largest ship will soon attempt the biggest project of its kind and attempt to move an entire North Sea oil rig.

**Vessel aiming zero emissions round the world voyage is launched.** *Ship & Bunker* [Online].

18 April 2017. Available from: <https://shipandbunker.com/news/world/508947> *The Energy Observer*, a hydrogen-powered yacht slated to embark on a zero-emissions around-the-world voyage, Friday was launched into the sea, local media reports.


**Sovcomflot switches to gas.** **By Nadezhda Malysheva.** *Port News* [Online]. 17 April 2017.

Available from: <http://portnews.ru/comments/2307/> Last week saw the event that had been expected for two years.

**Alternatives to heavy fuel oil use in the Arctic: Economic and environmental tradeoffs.** By Biswajoy Roy and Bryan Comer. *International Council on Clean Transportation (ICCT)* [Online]. 18 April 2017. Available from: <http://www.theicct.org/alternatives-to-Arctic-HFO-use-economic-and-environmental-tradeoffs> The use of heavy fuel oil (HFO)—the leftover residues from the crude oil refining process—as a marine fuel poses serious environmental and economic risks, especially in ecologically sensitive areas like the Arctic. [Working Paper](#) 

**Bahri to move fleet of 37 VLCCs under Saudi Arabia flag.** By James Henderson. *Seatrade Maritime News* [Online]. 18 April 2017. Available from: <http://www.seatrade-maritime.com/news/middle-east-africa/saudi-arabia-to-move-fleet-of-37-vlccs-under-saudi-arabia-flag.html> The announcement came as completed the registration of *Amjad*, a VLCC owned and operated by Bahri, under the flag of Saudi Arabia.

**From highways to high seas.** By Tushar Prabhune. *Times of India* [Online]. 16 April 2017. Available from: <http://timesofindia.indiatimes.com/city/ahmedabad/from-highways-to-high-seas/articleshow/58200627.cms> On May 20, if everything goes according to schedule, Gujarat will take a giant step towards realizing one of the most ambitious projects - the Roll-on Roll-off (Ro Ro) ferry service - conceptualized decades ago.

**Shipping industry faces seismic shift in 2020 as sulfur cap looms.** *S&P Global Platts* [Online]. 18 April 2017. Available from: <http://www.platts.com/podcasts-detail/spotlight/2017/april/shipping-imo-scrubbers-041817>  In 2020 the shipping industry is facing its biggest change since the shift away from burning coal a century ago as the IMO is set to impose a new 0.5% sulfur cap on marine fuel emissions.

**'No African carrier in global shipping trade'.** By Sulaimon Salau. *Guardian (Nigeria)* [Online]. 21 April 2017. Available from: <https://guardian.ng/news/no-african-carrier-in-global-shipping-trade/> The International Maritime Organisation (IMO) has disclosed that there is no single African carrier among the 35 ship-owner countries which constitute about 95 per cent of global shipping trade.

**China is cracking down on air pollution from shipping.** *China Shipping Service (CNSS)* [Online]. 21 April 2017. Available from: [http://www.cnss.com.cn/html/2017/updates\\_0421/268578.html](http://www.cnss.com.cn/html/2017/updates_0421/268578.html) China is the world's busiest shipping nation but all those ships entering its ports and plying its waters are contributing to the country's air pollution.

**Denmark as a global maritime powerhub.** *Danmarks Rederiforening (Danish Shipowners' Association)* [Online]. 21 April 2017. Available from: <https://www.shipowners.dk/en/presse/nyheder/denmark-as-a-global-maritime-powerhub/> Today, after almost a year's work the maritime task force of the Danish Government presented its policy recommendations to the Danish Minister of Industry, Business and Financial Affairs.

**ABS CTO Shares Insight on Smart Shipping at University of Michigan.** *ABS (American Bureau of Shipping)* [Online]. 19 April 2017. Available from: <http://ww2.eagle.org/en/news/press-room/2017/ABS-CTO-Shares-Insight-on-Smart-Shipping-at-University-of-Michigan.html> Industry veteran and technology leader explains how smart ship designs are preparing the maritime industry for the digital age.

**AAMA: Nigeria is now positioned to lead continental maritime — CEO, NIMASA.** *Vanguard (Nigeria)* [Online]. 24 April 2017. Available from: <http://www.vanguardngr.com/2017/04/aama-nigeria-now-positioned-lead-continental-maritime-ceo-nimasa/> Thirty countries in the littoral states and inlanders in Africa generate a lot of cargo, we have the market and we are the second biggest market in the world, yet we are not an active player in the maritime industry.



**Singapore maritime aims to boost debt and equity markets: SSA.** By Lee Hong Liang. *Seatrade Maritime News* [Online]. 24 April 2017. Available from: <http://www.seatrade-maritime.com/news/asia/singapore-maritime-aims-to-boost-debt-and-equity-markets-ssa.html>  
The Singapore Shipping Association (SSA) is working towards boosting Singapore's debt and equity markets with the launch of a Maritime Capital Forum later this year, as part of a wider blueprint for growth in various key areas in 2017.

**Cruise ships add new dimension to LNG passenger fleet.** By Mike Corkhill. *Passenger Ship Technology* [Online]. 25 April 2017. Available from: [http://www.passengership.info/news/view.cruise-ships-add-new-dimension-to-lng-passenger-fleet\\_47090.htm](http://www.passengership.info/news/view.cruise-ships-add-new-dimension-to-lng-passenger-fleet_47090.htm) There are more passenger ships in the LNG-powered fleet than any other type of vessel.

**Nor-Shipping Vessel Awards Shortlist Announced.** *Maritime Executive* [Online]. 25 April 2017. Available from: <http://www.maritime-executive.com/article/nor-shipping-vessel-awards-shortlist-announced> After much deliberation, the two juries have selected four candidates for each of the shortlists for the 2017 Energy Efficiency and Next Generation Awards.

**Cruise hits an historic milestone as Iran's shipping sector approaches full steam.** By Gary Peters. *Ship-Technology.Com* [Online]. 24 April 2017. Available from: <http://www.goo.gl/NlktOh> Last week, the Stena Line ropax ferry Trelleborg, now named Sunny, completed a 12-hour overnight trip between the islands of Qeshm and Kis.

**Maritime London appoints new Chief Executive.** *Maritime London* [Online]. 24 April 2017. Available from: <http://www.maritimelondon.com/news/maritime-london-appoints-new-chief-executive> Jos is currently Director of Development and External Affairs at international maritime charity The Mission to Seafarers, an organisation with which many of the Members and Directors of Maritime London have a close relationship.

**Investment Plan for Europe: EUR 150 million to finance green shipping.** *European Investment Bank* [Online]. 21 April 2017. Available from: <http://www.eib.org/infocentre/press/releases/all/2017/2017-106-investment-plan-for-europe-eur-150-million-to-finance-green-shipping> This framework is the first with a financial institution in the Netherlands and is supported by the "Connecting Europe Facility" and was made possible by the "EFSI" (European Fund for Strategic Investments), central pillar of the Juncker Commission's Investment Plan for Europe.

**MedCruise welcomes European Blue Growth report.** *MedCruise (Association of Mediterranean Cruise Ports)* [Online]. 20 April 2017. Available from: <http://www.medcruise.com/article/1162/medcruise-welcomes-european-blue-growth-report> Detailing its Blue Growth Strategy in 2012, the European Commission has intended to provide a driver to Europe's welfare and prosperity, and for sustainable growth in the marine and maritime sectors as a whole.

**SSA wants bloc ballast water exemption.** By Inderpreet Walia. *Lloyd's List* [Online]. 25 April 2017. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article554405.ece> Some shipowners and operators in Asia could be exempted from ballast water management measures due to come into force from September should a push by shipowner groups be successful.

**Singapore ranked first in maritime capitals of the world for third consecutive time.**

**By Lee Hong Liang.** *Seatrade Maritime News* [Online]. 25 April 2017. Available from: <http://www.seatrade-maritime.com/news/asia/singapore-ranked-first-in-maritime-capitals-of-the-world-for-third-consecutive-time.html> Singapore has clinched the top spot in Menon's Leading Maritime Capitals of the World Report (Menon Report) for 2017, and the country is projected to remain well-positioned for the maritime industry up to 2022 and beyond.

**Opening remarks by Capt M. Segar, Asst Chief Executive (Operations), Maritime and Port Authority of Singapore at the launch of TR56: 2017 (Technical Reference for LNG Bunkering) on 28 April.....**

*Maritime and Port Authority of Singapore (MPA)* [Online]. 28 April 2017. Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/b28963c4-c3ad-4a89-b3cc-15ca84fe88fd> This document will provide a reliable and transparent framework for LNG bunkering operations in Singapore.

**Launch of Singapore's First Standard for Liquefied Natural Gas Bunkering.**

*Maritime and Port Authority of Singapore (MPA)* [Online]. 28 April 2017. Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/8955a9e8-f7be-4fc5-a987-92936724d1f3> The first Singapore Technical Reference (TR) 56 for Liquefied Natural Gas (LNG) Bunkering was launched today by the Maritime and Port Authority of Singapore (MPA).

**Methanol-fuelled vessels mark 1-year of safe, reliable & efficient operations.**

*Hellenic Shipping News* [Online]. 28 April 2017. Available from: <http://www.hellenicshippingnews.com/methanol-fueled-vessels-mark-1-year-of-safe-reliable-efficient-operations/> April 2017 marks one-year since Waterfront Shipping (WFS) welcomed seven of the world's first ocean-going vessels capable of running on methanol into its fleet.

**LNG-Fuelled Ships to More Than Double by 2020: Energy Aspects.** *Ship & Bunker* [Online]. 27 April 2017. Available from: <https://shipandbunker.com/news/world/788575-lng-fuelled-ships-to-more-than-double-by-2020-energy-aspects> Energy Aspects Ltd suggests the number of liquefied natural gas (LNG)-fuelled vessels will more than double by 2020 from 2016 numbers, growing to 200 from 77 last year.

**Improving environmental footprint is an ongoing process.** *Green4Sea* [Online].

28 April 2017. Available from: <http://www.green4sea.com/improving-environmental-footprint-is-an-ongoing-process/> Mr. Poul Woodall, Director Environment & Sustainability, DFDS, explains what the GREEN4SEA Clean Shipping Award means for his company.

**New Maritime Apprenticeship Scheme to familiarise jobseekers with seafaring career.**

*Maritime and Port Authority of Singapore (MPA)* [Online]. 27 April 2017. Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/9fa8d49e-c81c-421e-b14a-54d7e0a1e517> A new Maritime Apprenticeship Scheme in support of the Adapt & Grow initiative to familiarise and match jobseekers with potential employers was launched today by the Maritime and Port Authority of Singapore (MPA), e2i (Employment and Employability Institute), Singapore Organisation of Seamen (SOS) and Workforce Singapore (WSG).

**Maersk partners with Microsoft to power digital.** *By John Churchill.* *Maersk* [Online].

26 April 2017. Available from: <http://www.maersk.com/en/markets/2017/04/maersk-partners-with-microsoft-to-power-digital> With Microsoft's cloud computing services and Azure platform, Maersk has a powerful set of tools for turning its vast operational and commercial data into more efficient operations and better products and services for customers.

**Dubai among world's top 5 maritime clusters in competitiveness and attractiveness.**

*Gulf News* [Online]. 26 April 2017. Available from:

<http://gulfnews.com/business/sectors/shipping/dubai-among-world-s-top-5-maritime-clusters-in-competitiveness-and-attractiveness-1.2017917>

Dubai was new ranked fifth on the list of the world's most competitive and attractive maritime clusters, according to an international survey conducted by Menon Business Economics Group.

**Management needs to be held accountable for vessel incidents. By Wei Zhe Tan.**

*Lloyd's List* [Online]. 27 April 2017. Available from:

<https://www.lloydslist.com/ll/sector/ship-operations/article554648.ece>

Amid a prolonged shipping downturn that had led to cutbacks in vessel maintenance, management needed to be held accountable for vessel accidents, said Aurora Tankers' head Kenny Rogers at the Lloyd's List Business Briefing panel discussion held during Singapore Maritime Week.

## RESEARCH

**Blueprints of Effective Biodiversity and Conservation Knowledge Products That Support Marine Policy. By L. V. Weatherdon, W. Appeltans et al. *Frontiers in Marine Science*.**

[Online]. (2017). Available from: <http://journal.frontiersin.org/article/10.3389/fmars.2017.00096>

Biodiversity and conservation data are generally costly to collect, particularly in the marine realm.

**Potential ecological and social benefits of a moratorium on transshipment on the high seas. By C. Ewell, S. Cullis-Suzuki et al. *Marine Policy*.** [Online]. (2017). Available from:

<http://www.sciencedirect.com/science/article/pii/S0308597X17300623>

One way that illegal, unreported, and unregulated (IUU) fish catch is laundered into the seafood market is through transshipments at-sea.

**A high-end sea level rise probabilistic projection including rapid Antarctic ice sheet mass loss. By Dewi Le Bars and Sybren Drijfhout and Hylke de Vries. *Environmental Research Letters*.** [Online]. (2017). Available from:

<http://stacks.iop.org/1748-9326/12/i=4/a=044013>

The potential for break-up of Antarctic ice shelves by hydrofracturing and following ice cliff instability might be important for future ice dynamics.

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[maritimeknowledgecentre@imo.org](mailto:maritimeknowledgecentre@imo.org)

### 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.