

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE

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CURRENT AWARENESS BULLETIN

August 2017



Maritime Knowledge Centre
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INTERNATIONAL MARITIME ORGANIZATION
www.imo.org



About the MKC Current Awareness Bulletin (CAB)

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

The MKC *Current Awareness Bulletin* is published monthly and issues from the current and the past year are free to download from this [page](#).

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IMO / UNITED NATIONS NEWS & EVENTS

WHAT'S NEW

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

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

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

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

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

World Maritime Day 2017

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

IMO MEETINGS FOR 2017

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

[Sub-Committee on Implementation of IMO Instruments \(III\)](#) (25/09/2017 – 29/09/2017)

IMO PRESS BRIEFINGS

[New global project to address bioinvasions via ships' hulls](#)

Briefing: 20, August 7, 2017

[Flame-defying maritime pilots recognized with IMO bravery accolade](#)

Briefing: 18, August 1, 2017

[IMO NEWS MAGAZINE](#) [\(Autumn 2017\)](#)

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

[RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM](#)

["Strategies for Professional Development of Seafarers and Global Shipping"](#)
27 August 2017, Bangladesh

[Seminar on "IMO's current panorama, perspective and global challenges"](#)
22 August 2017, Mexico

[World Maritime Day celebration](#) 21 August 2017, Mexico

UNITED NATIONS NEWS

It's World Day Against Trafficking in Persons. What do we need to do now?

International Organization for Migration (IOM). 31 July 2017. Available from:

<https://www.iom.int/news/its-world-day-against-trafficking-persons-what-do-we-need-do-now>

It is believed that millions are currently victims of trafficking in persons around the world.

'Act now' to help and protect trafficking victims, UN urges on World Day against the scourge.

UN News Centre. 30 July 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=57278> Criminal groups feed off the instability created by conflicts, and as links between wars, trafficking and migrant smuggling become more widely known, the United Nations is calling on the international community to act now to help and protect trafficking victims and to end this crime forever.

UN Security Council toughens sanctions on DPR Korea over ballistic missile launches.

UN News Centre. 5 August 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=57315> In response to the launches of ballistic missiles of possible intercontinental range by the Democratic People's Republic of Korea (DPRK), the United Nations Security Council today moved to strengthen sanctions on the Northeast Asian country's exports.

UN officially notified of US intention to withdraw from Paris climate pact.

UN News Centre. 4 August 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=57314>

United Nations Secretary-General António Guterres today received a notification from the delegation of the United States expressing the country's intention to withdraw from the Paris Agreement on climate change as soon as it is eligible to do so, his spokesman has confirmed.

Flow of refugees, migrants to Europe slows but sea journey remains deadly – UN.

UN News Centre. 24 August 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=57404> Fewer refugees and migrants arrived in Europe in the first half of this year, but the likelihood of dying among people seeking to reach Europe is still "alarmingly high," the United Nations refugee agency today reported, calling for renewed commitments to protect people.

CASUALTIES

Call to investigate lifejackets used in fishing boat tragedy. By Ann Mack.

Press and Journal (UK). 27 July 2017. Available from:

<https://www.pressandjournal.co.uk/fp/news/islands/western-isles/1296873/urgent-call-to-research-lifejackets-after-fishing-boat-tragedy/> An official report into the *MV Louisa* fishing boat tragedy has revealed a litany of disaster including apparently ineffective lifejackets, delays in the rescue operation and a switched-off alarm.

A Possible Scenario for the *USS Fitzgerald* Collision. By Matthew Harper, CDR USN (Ret).

Maritime Executive. 29 July 2017. Available from: [http://www.maritime-](http://www.maritime-executive.com/editorials/a-possible-scenario-for-the-uss-fitzgerald-collision)

[executive.com/editorials/a-possible-scenario-for-the-uss-fitzgerald-collision](http://www.maritime-executive.com/editorials/a-possible-scenario-for-the-uss-fitzgerald-collision) How could *USS Fitzgerald* allow itself to be hit by *ACX Crystal* in open water, in clear weather conditions and in relatively light traffic?

Two vessels collide on Yangtze River, two missing. By Jason Jiang. *Splash* 24/7.

1 August 2017. Available from: <http://splash247.com/two-vessels-collide-yangtze-river-two-missing/> General cargo vessel *Xin Hang Hai 2* collide with containership *Chong Lun J3010* near Taicang part of Yangtze River on Monday night.

Typhoon Blows Ferry into Two Taiwanese Frigates. *Maritime Executive*. 31 July 2017.

Available from: <http://www.maritime-executive.com/article/storm-blows-ferry-into-two-taiwanese-frigates> On Saturday, as Typhoon Nesat swept through Taiwan, the high-speed ferry *Natchan Rera* was torn from her moorings by high winds and pushed into the Taiwanese Navy frigates *Lan-Yang* and *Huai-Yang*.

MAIB Annual Report 2016. UK Marine Accident Investigation Branch (MAIB). 31 July 2017.

Available from: <https://www.gov.uk/government/publications/maib-annual-report-2016>

This Annual Report provides information on the branch's activities during 2016. [Report](#) 

Crewman suffers serious burns on boxship. By Gary Dixon. *TradeWinds*. 3 August 2017.

Available from: <http://www.tradewindsnews.com/liner/1321057/crewman-suffers-serious-burns-on-boxship> A 64-year-old seafarer has suffered serious burns on a Mercosul containership off Brazil.

Ferry goes on the rampage in Greece. By Jonathan Boonzaier. *TradeWinds*.

4 August 2017. Available from: <http://www.tradewindsnews.com/casualties/1321517/ferry-goes-on-the-rampage-in-greece> Three ships ended up damaged this week after the 15,000-gt ferry *European Express* (built 1974) broke its long time lay-up moorings at pier in Perama Bay near Piraeus.

2 lighterage ships collide at Ctg port, 13 rescued. *Daily Star (Bangladesh)*. 3 August 2017.

Available from: <http://www.thedailystar.net/country/lighterage-ships-collide-chittagong-port-rescued-karnaphuli-1442968> Two lighterage ships collided head on in the narrow Karnaphuli channel near the outer anchorage of Chittagong port last night.

Crewman airlifted from Greek reefer. By Gary Dixon. *TradeWinds*. 8 August 2017.

Available from: <http://www.tradewindsnews.com/casualties/1323139/crewman-airlifted-from-greek-reefer> A crewman has been airlifted from a Greek reefer following a five-metre fall from a crane.

NSRI Evacuates Crewman after Fall aboard Bulker. *World Maritime News*. 7 August 2017.

Available from: <http://worldmaritimenews.com/archives/226779/nsri-evacuates-crewman-after-fall-aboard-bulker/> A 25-year-old crewman has been evacuated after he fell on board the cargo ship *New Taizhou* which was anchored some nine nautical miles off St Helena Bay, South Africa.

Bibby bulker crew evacuated after cargo trouble. By Andy Pierce. *TradeWinds*.

15 August 2017. Available from: <http://www.tradewindsnews.com/drycargo/1327648/bibby-bulker-crew-evacuated-after-cargo-trouble> Seafarers have been evacuated from a Bibby Line bulker after a cargo hold overheated while the ship was carrying ammonium nitrate based fertiliser.

Giant Containership Grounded, Refloated Near Antwerp. *Maritime Executive*.

14 August 2017. Available from: <http://www.maritime-executive.com/article/giant-containership-grounded-refloated-near-antwerp>  On Monday morning, the 13,300 TEU container ship *CSCL Jupiter* went aground on the bank of the Westerschelde, near Antwerp.

CSCL Jupiter grounded in known chokepoint. By Michael Angell. *TradeWinds*. 15 August 2017. Available from: <http://www.tradewindsnews.com/casualties/1328157/cscl-jupiter-grounded-in-known-chokepoint> 🚢 The grounding of a CoscoCS-owned containership occurred in an area that is known to be difficult to navigate, a reenactment of the incident shows.

7th Fleet Announces USS Fitzgerald Accountability Determinations. *United States Navy*. 17 August 2017. Available from: http://www.navy.mil/submit/display.asp?story_id=102002 The commanding officer, executive officer and command master chief of the guided-missile destroyer *USS Fitzgerald* (DDG 62) were relieved of their duties by Vice Adm. Joseph Aucoin, Commander, Seventh Fleet, on August 18.

Supplemental Preliminary Inquiry and Line of Duty Determination Regarding Injuries and the Deaths of Seven Sailors Aboard USS Fitzgerald (DDG 62) or on about 17 June 2017. *US Department of the Navy*. 11 August 2017. Available from: <http://www.goo.gl/sx3a4X> 📄

Collision of US Guided-missile destroyer JOHN MCCAIN and TANKER ALNIC MC in Singapore Waters. *Maritime and Port Authority of Singapore (MPA)*. 21 August 2017. Available from: <http://www.goo.gl/jB5Qfbh> At about 0530 hrs on 21 August 2017, Maritime and Port Authority of Singapore (MPA) was notified of a collision between a US guided-missile destroyer *USS John McCain* with Liberian-flagged merchant vessel *Alnic MC* in Singapore territorial waters in the Singapore Strait.

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

Update 1 - Collision of US Guided-missile destroyer JOHN S MCCAIN and TANKER ALNIC MC in Singapore Waters. *Maritime and Port Authority of Singapore (MPA)*. 21 August 2017. Available from: <http://www.goo.gl/FVN1YY> Search and Rescue Operations still underway.

Search efforts continue for USS John S. McCain sailors. *United States Navy*. 21 August 2017. Available from: http://www.navy.mil/submit/display.asp?story_id=102050 Aircraft from the amphibious assault ship *USS America* (LHA 6) will continue search efforts Aug. 22 for 10 missing Sailors assigned to the guided-missile destroyer *USS John S. McCain* (DDG 56).

Two general cargo ships collide near Fujian, three dead and six missing. By Jason Jiang. *Splash 24/7*. 21 August 2017. Available from: <http://splash247.com/two-general-cargo-ships-collide-near-fujian-three-dead-six-missing/> General cargo ships *Xin Dong Yuan* and *An Da Sheng* collided near Pingtan, Fujian in China on Saturday.

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

Oil spill off Johor after merchant tankers collide. By Ben Tan. *Malay Mail Online*. 19 August 2017. Available from: <http://www.themalaymailonline.com/malaysia/article/oil-spill-off-johor-after-merchant-tankers-collide> Two foreign-registered merchant tankers collided near Johor's eastern straits, 3.2 nautical miles off Tompok Utara near Pengerang, Kota Tinggi on Thursday night, causing an oil spill.

Breaking: Fire Erupts aboard Maersk Boxship. *World Maritime News*. 23 August 2017.

Available from: <http://worldmaritimenews.com/archives/227926/breaking-fire-erupts-aboard-maersk-boxship/> The fire was reported at 01:30 CET in the 2,902 TEU vessel's engine room, a Maersk Line spokesperson confirmed to World Maritime News.

US amphibious assault ship arrives in Singapore to help in damage control; search continues for 10 missing sailors. *Straits Times*. 22 August 2017. Available from:

<http://www.straitstimes.com/world/united-states/us-guided-missile-destroyer-collides-with-merchant-ship-east-of-singapore> 🚢 A damaged *USS John S. McCain* has arrived in Singapore after colliding on Monday (Aug 21) morning with a merchant ship, while search and rescue efforts continue for 10 missing sailors in the waters east of Singapore.

Bulker detained in Iraq after deadly collision. *World Maritime News*. 24 August 2017.

Available from: <http://worldmaritimenews.com/archives/228065/> Due to the strength of the impact, *Al Misbar* sank taking down 21 crew members with it.

Only tanker was detected before collision with US destroyer. By Karamjit Kaur.

Straits Times. 23 August 2017. Available from: <http://www.straitstimes.com/singapore/us-destroyer-collision-uss-john-s-mccains-presence-undetected-before-tragedy-struck-says> Oil tanker *Alnic MC* was detected by the Singapore maritime authorities before its collision with American destroyer *USS John S. McCain* in Singapore waters on Monday (Aug 21) morning.

Asia shipping mishaps cause concern over sea safety; search expands.

By Sameer C. Mohindru. *S&P Global Platts*. 23 August 2017. Available from: <https://www.platts.com/latest-news/shipping/singapore/asia-shipping-mishaps-cause-concern-over-sea-27866367> Two shipping collisions near the Singapore Strait in less than a week have caused serious concerns and brought into renewed focus the need for seamless movement of cargo traffic worth billions of dollars annually in the region, market participants said on Wednesday.

Crunch time. By Alex Hughes. *Port Strategy*. 22 August 2017. Available from:

<http://www.portstrategy.com/news101/port-operations/planning-and-design/vessel-quay-strike-article> In recent months, there have been a number of high profile cases of ships striking a quay, either while at berth or while attempting to berth; *Chittagong* (Bangladesh), *Vaasa* (Finland), *Jebel Ali* (UAE) and *Luka Koper* (Slovenia) all got a bit too close to comfort with their customers.

More biofouling "Casualties" to be expected. By Wendy Laursen. *Maritime Executive*.

28 August 2017. Available from: <http://maritime-executive.com/article/more-biofouling-casualties-to-be-expected> 🚢 In March this year, the bulk carrier *DL Marigold* became the world's first biofouling "casualty."

Singapore-led safety investigation underway into *USS John S McCain* collision.

Channel News Asia. 31 August 2017. Available from: <http://www.channelnewsasia.com/news/singapore/singapore-led-safety-investigation-underway-into-uss-john-s-9174198> The Singapore Transport Safety Investigation Bureau (TSIB) launched a marine safety investigation following the collision of the *USS John S McCain* and Liberian-flagged oil tanker *Alnic MC* on Aug 21.

Diver joins calls to address *Niagara* shipwreck. By Lois Williams. *Radio New Zealand*.

31 August 2017. Available from: <http://www.radionz.co.nz/news/national/338377/diver-joins-calls-to-address-niagara-shipwreck> Diving pioneer and environmentalist Wade Doak is backing calls for a high-tech survey of the wreck of the *Niagara*, off Northland's east coast.

Maersk vessels collided for 36 hours before dramatic shipwreck. By Niklas Krigslund. *ShippingWatch*. 30 August 2017. Available from:

<http://shippingwatch.com/secure/Offshore/article9829451.ece> The two Maersk vessels which sank off the coast of France shortly before new year, collided continuously for up to 36 hours and were severely damaged for at least one day before the dramatic shipwreck.

ENVIRONMENT

Blue Economy: It's time for action. By Rahman Jahangir. *Financial Express (Bangladesh)*.

29 July 2017. Available from: <http://www.thefinancialexpress-bd.com/2017/07/29/78407/Blue-Economy:-It%27s-time-for-action> Bangladesh got 70,000 square kilometres out of 80,000 sq km sea area in dispute with Myanmar in 2012 and 19,000 sq km out of 25,000 sq km from India in 2014.

Industry taps into Kenya's billion-dollar blue economy. By Ayoki Onyango.

Standard Digital (Kenya). 1 August 2017. Available from:

<https://www.standardmedia.co.ke/business/article/2001249932/industry-taps-into-kenya-s-billion-dollar-blue-economy> There had been declining fish stocks due to a number of factors including over fishing, changes in temperature, ocean currents, coastal erosion and flooding problems.

2 more dead North Atlantic right whales found in western Newfoundland.

Canadian Broadcasting Corporation (CBC). 31 July 2017. Available from:

<http://www.cbc.ca/news/canada/newfoundland-labrador/right-whales-dead-newfoundland-1.4228614> Three North Atlantic right whales have washed ashore on western Newfoundland's coast in the last few weeks, according to the Department of Fisheries and Oceans (DFO), with the number of recent confirmed deaths of the endangered animals in Atlantic Canada now at nine.

Inmarsat and partner SSI-Monaco support world ocean environmental study. *Inmarsat*.

28 July 2017. Available from: <https://www.inmarsat.com/news/inmarsat-partner-ssi-monaco-support-world-ocean-environmental-study/> Inmarsat is supporting a ground-breaking new scientific study which will examine the impact of climate change and other environmental factors on the world's marine ecosystem.

Fisheries sector support programme in Somalia. *Food and Agriculture Organization (FAO)*.

20 July 2017. Available from: <http://www.fao.org/emergencies/fao-in-action/projects/detail/en/c/216328/> To improve food security and resilience to shocks through strengthened and sustainable livelihoods within the fisheries sector of Somalia.

MCI Commits Support to the Cook Islands' Marae Moana Act; Conserving Marine Life in the World's Largest Multi-Use Marine Park. *Maritime Cook Islands*. 3 August 2017.

Available from: <http://www.maritimecookislands.com/mci-commits-support-cook-islands-marae-moana-act-conserving-marine-life-worlds-largest-multi-use-marine-park/> Maritime Cook Islands ("MCI"), commits its support to the Marae Moana Act, which has been passed by the Cook Islands Parliament and sees the establishment in the Cook Islands of the world's largest multi-use marine park.

Sh10 billion lost to illegal fishing yearly in exclusive zone — Bett. By Charles Mghenyi.

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

Nations Will Start Talks to Protect Fish of the High Seas. By Somini Sengupta.

New York Times. 2 August 2017. Available from: <https://www.nytimes.com/2017/08/02/climate/nations-will-start-talks-to-protect-fish-of-the-high-seas.html> Now, countries around the world have taken the first step to protect the precious resources of the high seas.

'#Overshoot day' for over-exploited #Adriatic Sea. EU Reporter. 3 August 2017.

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

'Catastrophic': Tenth dead right whale found in the Gulf of St. Lawrence. By Sue Bailey.

CTV News (Canada). 2 August 2017. Available from: <http://www.ctvnews.ca/sci-tech/catastrophic-tenth-dead-right-whale-found-in-the-gulf-of-st-lawrence-1.3529259> 📺 The first North Atlantic right whale to turn up dead in the Gulf of St. Lawrence was a 10-year-old male, back on June 7.

Ottawa will do whatever it takes to protect right whales, says Fisheries Minister Dominic LeBlanc. By Bobbi-Jean MacKinnon. Canadian Broadcasting Corporation (CBC).

3 August 2017. Available from: <http://www.cbc.ca/news/canada/new-brunswick/right-whales-dead-dominic-leblanc-fisheries-1.4233414> 📺 The federal government will bring "absolutely every protection to bear" to prevent deaths of North Atlantic right whales in the Gulf of St. Lawrence, federal Fisheries Minister Dominic LeBlanc pledged on Thursday.

'Dodgy' greenhouse gas data threatens Paris accord. By Matt McGrath. BBC News.

8 August 2017. Available from: <http://www.bbc.co.uk/news/science-environment-40669449> Potent, climate-warming gases are being emitted into the atmosphere but are not being recorded in official inventories, a BBC investigation has found.

The conservation and sustainable use of marine biological diversity. Times of Malta.

8 August 2017. Available from: <http://www.goo.gl/apq7b5> The European Network of Maritime Cluster (ENMC) and the European Commission held their traditional annual meeting on blue growth for the third time.

Humpback whale found dead on cruise ship's bow in Ketchikan. By Chris Klint. KTVB

Alaska. 10 August 2017. Available from: <http://www.ktvb.com/story/36102097/humpback-whale-found-dead-on-cruise-ships-bow-in-ketchikan> A dead humpback whale was found on the bow of a ship arriving in Ketchikan Wednesday morning, according to federal authorities.

NOAA Statement on Ketchikan humpback whale. By Allyson Rogers.

US National Oceanic and Atmospheric Administration (NOAA). 9 August 2017. Available from: <https://alaskafisheries.noaa.gov/node/56874> NOAA's Office of Law Enforcement is investigating the death of a humpback whale that was brought into the port of Ketchikan, Alaska this morning.

Early-season storms one indicator of active Atlantic hurricane season ahead.

US National Oceanic and Atmospheric Administration (NOAA). 9 August 2017. Available from: <http://www.noaa.gov/media-release/early-season-storms-one-indicator-of-active-atlantic-hurricane-season-ahead> Today NOAA issued the scheduled update for its 2017 hurricane season outlook

Let's Talk Whales! Government of Canada launches online engagement to help recovery of three endangered whale species.

Government of Canada. 8 August 2017. Available from: <http://www.goo.gl/wiSYyd> Whales are critical to our marine ecosystems.

Marine noise pollution stresses and confuses fish.

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

Biding time for taking blue economy challenge. By Prof. Sarwar Md. Saifullah Khaled, retired Professor of Economics, BCS General Education Cadre.

Financial Express (Bangladesh). 11 August 2017. Available from: <http://www.thefinancialexpress-bd.com/2017/08/11/79565/Biding-time-for-taking-blue-economy-challenge> The Bay of Bengal is one of the world's largest marine ecosystems and it is also known for its biodiversity.

Arctic waters get long-sought protection. By Gloria Galloway.

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

Likelihood of whales dying from ship collisions falls 70 per cent at lower speed.

By Nathalie Sturgeon. *Canadian Broadcasting Corporation (CBC).* 14 August 2017. Available from: <http://www.cbc.ca/news/canada/new-brunswick/north-atlantic-right-whale-ship-slowdown-1.4246243> A mandatory slowdown of ships in the Gulf of St. Lawrence is the right move for protecting the endangered North Atlantic right whale, says a scientist who has studied the whales for decades.

Statement by Ministers Garneau and LeBlanc on actions taken to address the deaths of whales in the Gulf of St. Lawrence.

Government of Canada. 11 August 2017. Available from: <http://www.goo.gl/a5dA8m> Canada takes the protection, conservation, and recovery of endangered species very seriously

Government of Canada's actions to date on North Atlantic right whales.

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

Trump moves to reverse Obama's drilling ban in Arctic waters. By Ragnhild Grønning.

High North News (Norway). 17 August 2017. Available from: <http://www.highnorthnews.com/trump-moves-to-reverse-obamas-drilling-ban-in-arctic-waters/> Today, the US Department of the Interior is ending a 45-day long public comment period that will help decide whether the ban on drilling in Arctic waters could be reversed.

20 million seabirds in Barents Sea - Greenpeace protests northernmost oil drilling.

By Thomas Nilsen. *Independent Barents Observer (Norway)*. 17 August 2017. Available from: <https://thebarentsobserver.com/en/ecology/2017/08/20-million-seabirds-barents-sea-greenpeace-protests-northernmost-oil-drilling> On Thursday, activists from the Greenpeace vessel «Arctic Sunrise» put kayaks and inflatable boats on the water near Statoil's oil rig «Songa Enabler».

New study: West Coast ships kill more than 80 endangered whales annually.

By Paul Rogers. *Mercury News (US)*. 21 August 2017. Available from: <http://www.mercurynews.com/2017/08/21/new-study-far-more-whales-die-from-collisions-with-ships-than-wash-up-on-beaches/> Far more whales die in collisions with ships off the West Coast than ever wash up on beaches, a new study has found.

Short-notice whale speed cap surprises St. Lawrence lines. By Anne Kalosh.

Seatrade Cruise News. 21 August 2017. Available from: <http://www.seatrade-cruise.com/news/news-headlines/short-notice-whale-speed-cap-surprises-st-lawrence-lines.html> This 10-knot cap means ships may have to abbreviate port calls or even miss a port to keep their schedule.

Big mammals, big problems: Why are so many right whales dying? By Tom Ayers.

Chronicle Herald (Canada). 23 August 2017. Available from: <http://thechronicleherald.ca/novascotia/1496915-big-mammals-big-problems-why-are-so-many-right-whales-dying> University researchers, government agencies and non-profit groups are all working to reduce North Atlantic right whale deaths, but one researcher says the problem is so big it's not going to be easy finding solutions.

Obituary: Tony de Brum, Marshallese climate and anti-nuclear crusader.

By Karl Mathiesen. *Climate Home*. 22 August 2017. Available from: <http://www.climatechangenews.com/2017/08/22/tony-de-brum-marshallese-climate-anti-nuclear-crusader-dies-aged-72/> When he was still a child the US, the colonial power in the Marshalls at the time, conducted a programme of 67 nuclear tests that saw many hundreds of Marshallese displaced after their atolls were blown up and irradiated.

Harvard researchers say Exxon misled public on climate science. By Emily Flitter.

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

Technologies driving CLIA cruise line members' environmental protection efforts.

Cruise Lines International Association (CLIA). 22 August 2017. Available from: <https://www.cruising.org/about-the-industry/press-room/press-releases/pr/technologies-driving-clia-cruise-line-members-environmental-protection-efforts> Cruise lines are transforming the modern fleet with new technologies and designs to protect the oceans, air and destinations that millions of cruise passengers enjoy each year.

Small island nations fiercest defenders of our oceans. By Jyoti Pratibha. Fiji Sun Online.

24 August 2017. Available from: <http://fijisun.com.fj/2017/08/24/pm-small-island-nations-fiercest-defenders-of-our-oceans/> Our oceans, and the life they sustain, face threats more severe than at any time in our history.

What Kenya's government can do to protect, and benefit from, ocean resources.

By David Obura. *The Conversation*. 23 August 2017. Available from:

<http://theconversation.com/what-kenyas-government-can-do-to-protect-and-benefit-from-ocean-resources-82397> Kenya earns around USD\$2.5 billion per year from its ocean – less than 4% of its GDP.

Fast action on climate means ships must stay slow. By Faig Abbasov, Aviation and Shipping Officer, Transport and Environment.

Splash 24/7. 28 August 2017. Available from: <http://splash247.com/fast-action-climate-means-ships-must-stay-slow/> In 1866 a fleet of clippers took part in the Great Tea Race, a competition to sail from China to London with the year's new tea crop.

Toxic cloud on Sussex coast may have come from ship, say sources.

By Matthew Weaver. *The Guardian*. 29 August 2017. Available from:

<https://www.theguardian.com/environment/2017/aug/29/investigators-believe-toxic-cloud-on-sussex-coast-came-from-ship> Authorities investigating the cause of Sunday's chemical cloud are working on the assumption that it came from a ship in the Channel after environmental monitoring sites picked up a localised spike in pollution levels.

Maritime & Coastguard Agency statement: Birling Gap incident.

UK Maritime & Coastguard Agency. 27 August 2017. Available from:

<http://hmcoastguard.blogspot.co.uk/2017/08/maritime-coastguard-agency-statement.html>

A 'haze' that is causing discomfort for people along the coast from Eastbourne to Birling Gap in Sussex has prompted emergency services to warn people to stay away from the beaches and to keep doors and windows closed, if living near the coast.

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

German Shipowners' Association (Verband Deutscher Reeder, VDR). 30 August 2017.

Available from: <http://www.reederverband.de/en/press/press-release/artikel/foerderprogramm-fuer-schiffe-mit-fluessiggasantrieb-ist-gewinn-fuer-die-umwelt.html> The German Shipowners' Association VDR welcomes the stimulus programme for ships powered by Liquefied Natural Gas (LNG) which was announced by the German Federal Government today.

Caspian Sea evaporating as temperatures rise, study finds.

American Geophysical Union (AGU). 29 August 2017. Available from: <http://news.agu.org/press-release/caspian-sea-evaporating-as-temperatures-rise-study-finds/> Earth's largest inland body of water has been slowly evaporating for the past two decades due to rising temperatures associated with climate change, a new study finds.

ENVIRONMENTAL POLLUTION

Port of Los Angeles expands incentive grant program to reduce ship emissions.

Port of Los Angeles. 27 July 2017. Available from:

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

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

By Andrew Ross. *Southern Daily Echo (UK)*. 27 July 2017. Available from:

http://www.dailyecho.co.uk/business/15434603.Hampshire_port_sets_up_monitoring_stations_to_measure_air_quality/ MONITORING of air quality is underway at the Port of Southampton in a bid to gain a clear picture of emissions at the port.

Heading to Venice? Don't forget your pollution mask. By Axel Friedrich, International Shipping Consultant, NABU. *The Guardian*. 31 July 2017. Available from: <https://www.theguardian.com/environment/2017/jul/31/heading-to-venice-dont-forget-your-pollution-mask> If you're heading to Venice on holiday this summer, don't forget to pack your pollution mask.

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

ACP Highlights Expanded Panama Canal's Fuel, Emission, and Cost Savings. *Ship & Bunker*. 31 July 2017. Available from: <https://shipandbunker.com/news/am/499954-acp-highlights-expanded-panama-canals-fuel-emission-and-cost-savings> The Panama Canal Authority (ACP) today has highlighted the bunker, emission, and cost savings provided by the Expanded Panama Canal, which recently celebrated its first year of operation.

Joint initiative hones Arctic oil spill response plan. By Heidi Vella. *Offshore Technology*. 31 July 2017. Available from: <http://www.offshore-technology.com/features/featurejoint-initiative-hones-arctic-oil-spill-response-plan-5885232/> The Arctic Oil Spill Response Technology Joint Industry Programme (JIP) is a five-year research programme focussed on six key areas of oil spill response.

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

Indian Register of Shipping (IRClass) gets accredited for EU MRV services from Raad voor Accreditatie (RvA). *Indian Register of Shipping (IRClass)*. 31 July 2017. Available from: <http://www.irclass.org/media-and-publications/news/indian-register-of-shipping-irclass-gets-accredited-for-eu-mrv-services-from-raad-voor-accreditatie-rva/> RvA is an internationally reputed, Netherlands based EU notified body for accrediting an organisation as 'Independent Verifier' as per ISO 14065 and applicable EU regulation 2015/757.

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

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

Questions over two-day delay on notice of palm oil spill that left 11 Hong Kong beaches closed. By Ernest Kao. *South China Morning Post*. 7 August 2017. Available from: <http://www.scmp.com/news/hong-kong/health-environment/article/2105625/hong-kong-beaches-closed-after-mystery-oil-washes> Smelly, congealed clumps from spill in mainland waters mar island beauty spots in Hong Kong.

Container Ship Spills Chemicals in Long Beach. *Maritime Executive*. 6 August 2017. Available from: <http://www.maritime-executive.com/article/container-ship-spills-chemicals-in-long-beach> Propyl acetate spilled from a container on the container ship, Harbour Bridge, in the Port of Long Beach on Sunday.

Hong Kong government struggles to clean up mess as palm oil spill spreads. By Ernest Kao. *South China Morning Post*. 9 August 2017. Available from: <http://www.scmp.com/news/hong-kong/health-environment/article/2105903/two-more-hong-kong-beaches-closed-after-palm-oil> 🇭🇰 Hong Kong is struggling to contain the spread of a major palm oil spill, closing two more beaches on Tuesday, as experts warned that the fallout was unpredictable because of a lack of information.

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

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

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

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

Norway, California ink environmental agreement. *Green4Sea*. 9 August 2017. Available from: <https://www.green4sea.com/norway-california-ink-environmental-agreement/> The Norwegian Ministry of Climate and Environment and the US state of California signed an environmental agreement, as part of their efforts to reduce greenhouse gas emissions and to promote climate action at all levels.

Hong Kong scoops up 158 tonnes of palm oil; reopens five beaches. By Farah Master. *Reuters*. 11 August 2017. Available from: <https://www.reuters.com/article/us-hongkong-pollution-idUSKBN1AR0A4> Hong Kong has reopened five of 13 beaches closed since last Sunday following a palm oil spill, after authorities collected more than 150 tonnes of acrid-smelling clumps in one of the Chinese territory's worst environmental disasters.

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

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

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

Port of Oakland OKs new high-power line to plug in more ships. *Port of Oakland*. 14 August 2017. Available from: <http://www.portofoakland.com/press-releases/port-oakland-oks-new-high-power-line-plug-ships/> Port of Oakland officials said today they've commissioned new equipment bolstering efforts to curb diesel emissions from ships.

Bio-fouling, ballast water and the barnacle bill. By Michael Grey. *Seatrade Maritime News*. 17 August 2017. Available from: <http://www.seatrade-maritime.com/news/europe/bio-fouling-and-the-barnacle-bill.html> It was some 45 years ago that marine biologists working in the South of England commented on new species of seaweed which were appearing around the Solent.

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

HELCOM and OSPAR release new online ballast water risk assessment tool. *Baltic Marine Environment Protection Commission (HELCOM)*. 15 August 2017. Available from: <http://www.helcom.fi/news/Pages/HELCOM-and-OSPAR-release-new-online-ballast-water-risk-assessment-tool.aspx> A new online risk assessment tool for non-indigenous species transfers via the ballast water of commercial ships has been released jointly by HELCOM and OSPAR.

Giant plastic whale shows problem of ocean pollution. *ITV News (UK)*. 28 August 2017. Available from: <https://www.itv.com/news/anglia/2017-08-28/giant-plastic-whale-shows-problem-of-ocean-pollution/> 📺 A 10-metre long plastic whale has gone on display in Felixstowe in an attempt to highlight the growing problem of pollution in the ocean.

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

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

HEALTH AND SAFETY

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

Fight Fatigue. By Matthew Bonvento. *MarineLink.Com*. 14 August 2017. Available from: <https://www.marinelink.com/news/fatigue-fight428341> Fatigue is a well known factor as a cause numerous maritime and non-maritime accidents worldwide.

Crew Health Advice. Summertime safety: Know the signs of heat stroke. **By Sophia Bullard.** *UK P&I Club*. 17 August 2017. Available from: <http://www.goo.gl/VV6L6Kh> A UK P&I Club Member recently reported the death of two crew members.

IMO

Peterside seeks better placement for Africa in IMO. *The Nation (Nigeria)*. 31 July 2017. Available from: <http://thenationonlineng.net/peterside-seeks-better-placement-africa-imo/> The Chairman of the Association of African Maritime Administration (AAMA), Dr. Dakuku Peterside, has called for increased representation of the continent on the International Maritime Organisation (IMO), Council and its Secretariat.

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

IMO blows hot and cold over lifeboat proposals. *Tanker Shipping & Trade*. 21 August 2017. Available from: http://www.tankershipping.com/news/view,imo-blows-hot-and-cold-over-lifeboat-proposals_48855.htm Heat and cold can both create problems in lifeboats.

LAW AND POLICY

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

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

Indonesia calls on Australia to expedite legal process of Montara oil-spill. *Jakarta Post*. 1 August 2017. Available from: <http://www.thejakartapost.com/news/2017/08/01/indonesia-calls-on-australia-to-expedite-legal-process-of-montara-oil-spill.html> Maritime Coordinating Minister Luhut Pandjaitan has contacted high-ranking Australian officials to speed up the legal process for the class action lawsuit against Thailand-based oil producer PTT Exploration and Production (PTTEP) Australasia.

What is the South China Sea code of conduct, and why does it matter? **By Laura Zhou.** *South China Morning Post*. 3 August 2017. Available from: <http://www.scmp.com/news/china/diplomacy-defence/article/2105190/what-south-china-sea-code-conduct-and-why-does-it> Foreign ministers of the 10 member nations of the Association of Southeast Asian Nations are gathering in Manila for ASEAN's 50th anniversary leaders meeting.

Britons excluded from Emsa as Brexit bites. **By Adam Corbett.** *TradeWinds*. 2 August 2017. Available from: <http://www.tradewindsnews.com/casualties/1317290/britons-excluded-from-emsa-as-brexit-bites> The proposed appointment of Nautilus International general secretary Mark Dickinson to the administrative board of the European Maritime Safety Agency (Emsa) has been blocked in line with a ban on British citizens taking up appointments within the European Union (EU).

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

Cabotage Implementation: NIMASA Introduces New Compliance Strategy ... Seeks More Opportunities for Nigerians. **By Osichei Osamgbi.** *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 4 August 2017. Available from: <http://www.nimasa.gov.ng/press-center/post/cabotage-implementation-nimasa-introduces-new-compliance-strategy-seeks-more-opportunities-for-nigerians> In continuation of its quest to ensure full implementation of the Cabotage Act, 2003 for the benefits of Nigerians, the Nigerian Maritime Administration and Safety Agency (NIMASA) has introduced New NIMASA Cabotage Compliance Strategy (NCCS) towards the actualization of a successful coastal and inland trade regime.

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

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

China still building South China Sea islands, think tank says. *South China Morning Post*. 11 August 2017. Available from: <http://www.scmp.com/news/asia/article/2106459/china-still-building-south-china-sea-islands-think-tank-says> China is expanding artificial islands in disputed South China Sea areas despite saying it stopped two years ago, according to a security think tank that released satellite images it said showed the land reclamation.

Small steps made towards ensuring peaceful shipping lanes on the South China Sea. By Abdul Hadhi. *Lloyd's List*. 11 August 2017. Available from: <http://www.goo.gl/aZgVLe> Critics say the recent adoption of the Asean-China Framework for Maritime Code of Conduct lacks bite because it is not legally binding.

Op-ed: Strengthened research cooperation in the Arctic Council. By Alf Håkon Hoel. *High North News (Norway)*. 17 August 2017. Available from: <http://www.highnorthnews.com/op-ed-strengthened-research-cooperation-in-the-arctic-council/> The USA has handed chairmanship of the Arctic Council over to Finland.

Chinese Double Standards in the Maritime Domain. By Tuan N. Pham. *The Diplomat*. 17 August 2017. Available from: <http://thediplomat.com/2017/08/chinese-double-standards-in-the-maritime-domain/> Beijing clearly understands its maritime rights, but does not necessarily tolerate and accept the same rights for others.

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

India tightens rules to stop exploitation of sailors. By Sajila Saseendran. *Gulf News*. 20 August 2017. Available from: <http://gulfnews.com/news/uae/society/india-tightens-rules-to-stop-exploitation-of-sailors-1.2076572> The Indian government has tightened recruitment rules for seafarers to stop unscrupulous agents and owners of ships from exploiting them.

PH stakeholders support house bills on maritime safety conventions. By Liza Almonte. *Port Calls Asia*. 19 August 2017. Available from: <http://www.portcalls.com/ph-stakeholders-support-house-bills-maritime-safety-conventions/> Various stakeholders voiced their support for two bills that seek to implement protocols on maritime safety, security and pollution prevention during initial deliberations on the measures at the Philippine Lower House Committee on Transportation on August 15.

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

Malta Independent. 19 August 2017. Available from:

<http://www.independent.com.mt/articles/2017-08-19/local-news/NGOs-commend-government-stand-against-the-far-right-group-Defend-Europe-6736178005>

The government has denied entry to and cooperation with a vessel which belongs to an anti-migrant organisation because of "everything it stands for", an OPM spokesperson has told *The Malta Independent*.

Greenpeace boat detained by Norway coastguard over action at oil rig.

The Local (Norway). 18 August 2017. Available from:

<https://www.thelocal.no/20170818/greenpeace-boat-detained-by-norway-coastguard-over-action-at-oil-rig>

The ship was demonstrating at a rig owned by Norwegian oil multinational Statoil located in the Barents Sea, reports *The Independent Barents Observer*.

DryShips crewmember sentenced to jail in China in landmark case. By Jason Jiang.

Splash 24/7. 22 August 2017. Available from:

<http://splash247.com/dryships-crewmember-sentenced-jail-china-landmark-case/>

In a landmark case in China, Ningbo Maritime Court has sentenced a crewmember on a DryShips bulker to prison for a fatal ship collision accident which happened last year.

German ship management company and corporate vessel owner indicted for falsification of pollution records.

US Department of Justice. 22 August 2017. Available from:

<https://www.justice.gov/opa/pr/german-ship-management-company-and-corporate-vessel-owner-indicted-falsification-pollution>

A federal grand jury in Portland, Maine, returned a nine-count indictment today charging MST Mineralien Schiffahrt Spedition Und Transport GmbH (MST) and Reederei MS "Marguerita" GmbH & Co. Geschlossene Investment KG (Reederei) with failing to keep accurate pollution control records and falsifying records, the Justice Department announced.

AMSA to review use of old ships for live export amid allegations of sheep deaths in 2016.

By Bridget Fitzgerald. *ABC (Australia)*. 24 August 2017. Available from:

<http://www.abc.net.au/news/rural/2017-08-24/amsa-to-review-use-of-old-ships-for-live-export/8838874>

This comes amid claims an old ship was to blame for thousands of sheep deaths last year.

Making sense of The South China Sea dispute. By William Pesek.

Forbes. 22 August 2017. Available from:

<https://www.forbes.com/sites/outofasia/2017/08/22/making-sense-of-the-south-china-sea-dispute>

The intensifying proxy war being waged in the South China Sea can be boiled down to one number: five.

Terms of reference. By Jonathan Goulding, Associate & Mariner, Holman Fenwick Willan LLP.

Bunkerspot. 22 August 2017. Available from:

<https://www.bunkerspot.com/global/44594>

The pace of development in autonomous and remote-controlled shipping is intensifying, but much work remains to be done to create a robust and comprehensive regulatory framework to accommodate this cutting edge technology.

"Ghost poachers" are still at large after the biggest shark-smuggling bust in Galapagos history. By Katarina Zimmer and Sarah Blaskey.

Quartz. 24 August 2017. Available from:

<https://qz.com/1060639>

On Aug. 13, Ecuadorian authorities intercepted a Chinese ship crossing the Galapagos Marine Reserve, one of the most heavily protected nature reserves in the world.

Government to finalise oil spill contingency plan by 2018. By Myat Moe Aung. *Myanmar Times*. 28 August 2017. Available from: <https://www.mmtimes.com/news/government-finalise-oil-spill-contingency-plan-2018.html> The National Oil Spill Contingency Plan which is being drafted with the help of International Marine Organization (IMO) will include dealing with oil spill incidents, compensation procedures, preparedness and response equipments.

Government of Canada introduces new measures to protect the marine environment and coastal communities in Canada's Arctic. *Government of Canada*. 27 August 2017. Available from: https://www.canada.ca/en/transport-canada/news/2017/08/government_of_canadaintroducesnewmeasurestoprotectthemarineenvir.html For residents of Canada's Northern territories, marine transportation is an essential lifeline.

Legal questions around unmanned workboats. *Maritime Journal*. 25 August 2017. Available from: <http://www.maritimejournal.com/news101/insurance,-legal-and-finance/legal-questions-around-unmanned-workboats> The International Maritime Organisation will shortly consider changing the international Convention for the Safety of Life at Sea (SOLAS) to allow ships with no captain or crew to become operational.

Shark fin clampdown by shipping firms does little to stop Hong Kong imports. By Ernest Kao. *South China Morning Post*. 30 August 2017. Available from: <http://www.scmp.com/news/hong-kong/health-environment/article/2108831/shark-fin-clampdown-shipping-firms-does-little> More shipping companies may be banning shark fin from their containers every year, but this has not affected the volume of shark products being imported into Hong Kong, according to a conservation group.

Indonesia registers names of more than 2,500 islands, aims to develop tourism and fishing industries. *Straits Times*. 31 August 2017. Available from: <http://www.straitstimes.com/asia/se-asia/indonesia-registers-names-of-more-than-2500-islands-aims-to-develop-tourism-and-fishing> The government is seeking to maximise the benefit from Indonesia's recently registered islands, which have been verified by the United Nations.

Palau hosts subregional meeting on the FAO Port State Measures Agreement to fight illicit fishing. *Food and Agriculture Organization (FAO)*. 29 August 2017. Available from: <http://www.fao.org/asiapacific/news/detail-events/en/c/1032999/> The Palau capital plays host this week to the first subregional meeting in the pacific on the FAO Agreement on Port State Measures to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing.

MARINE TECHNOLOGY

Wave Energy Concept Ready for Ship Propulsion. *Maritime Executive*. 2 August 2017. Available from: <http://www.maritime-executive.com/article/wave-energy-concept-ready-for-ship-propulsion> Wave energy technology is ready to be combined with solar and wind power to create zero emission ships, says José Luis Gutiérrez-García, CEO, ZShips International CCC.

DNV GL carries out its first offshore drone survey. By Nikos Späth. *DNV GL*. 3 August 2017. Available from: <https://www.dnvgl.com/news/dnv-gl-carries-out-its-first-offshore-drone-survey-98663> 🚁 DNV GL surveyors have carried out the classification society's first offshore drone survey on the semisubmersible vessel *Safe Scandinavia* in the North Sea.

Wärtsilä engines and propulsion solutions to power two new fishing trawlers.

Wärtsilä Corporation. 7 August 2017. Available from: <https://www.wartsila.com/media/news/07-08-2017-wartsila-engines-and-propulsion-solutions-to-power-two-new-fishing-trawlers>

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

Innovation in ship conversion. *Hellenic Shipping News*. 14 August 2017. Available from:

<http://www.hellenicshippingnews.com/innovation-in-ship-conversion/> RINA has classed the last two Concordia ships designed specifically to transport heavy wind power components around Europe.

World-class AUV launched: a new dimension to Antarctic science.

Australian Maritime College. 21 August 2017. Available from: <http://www.goo.gl/8t2o5g>

During an official ceremony, the \$5 million polar vehicle was granted the name *nupiri muka*, which means 'Eye of the Sea' in palawa kani, the language of Tasmanian Aborigines.

MPA and IBM complete pilot trial on new cognitive-based system to improve maritime and port operations. *Maritime and Port Authority of Singapore (MPA)*. 22 August 2017.

Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/cec93127-1329-439e-983b-8407fbb14169> The Maritime and Port Authority of Singapore (MPA) and IBM today announced at the opening of the International Safety@Sea Conference that they have jointly completed the pilot trial of three modules under the MPA-IBM SAFER project, which will be rolled out progressively beginning September 2017.

This robot ship experiment could disrupt the global shipping industry. By Chris Cooper and Kiyotaka Matsuda. *Bloomberg*. 23 August 2017. Available from:

<http://www.goo.gl/KeD6Xo> Japan's largest container line plans to test a remote-controlled vessel across the Pacific Ocean in 2019 as it pursues fully autonomous technology that could disrupt the global shipping industry.

MARITIME SAFETY

Safety First: Intermodal Safety for Oil and Gas Transportation. By Kenneth P. Green, Senior Director and Taylor Jackson, Senior Policy Analyst. *Fraser Institute (Canada)*.

27 July 2017. Available from: <https://www.fraserinstitute.org/studies/safety-first-intermodal-safety-for-oil-and-gas-transportation> In general, the transport of oil and gas is quite safe by all modes we examine: pipeline, rail, and tanker, though there are differences between the modes that should be considered when developing infrastructure.

RightShip seeks industry input to develop an ISGOTT equivalent for the dry bulk sector.

RightShip. 26 July 2017. Available from: <http://www.goo.gl/3G1xCq> To raise standards in the marine solid bulk cargo sector, there needs to be consensus and articulation of best practice.

Coast Guard and National Cargo Bureau sign Memorandum of Agreement.

By John Hannon, Domestic Compliance Division, Office of Commercial Vessel Compliance, USCG. *US Coast Guard Maritime Commons*. 1 August 2017. Available from:

<http://www.goo.gl/uWW6jy> Rear Admiral Paul Thomas, assistant commandant for prevention and Mr. Ian Lennard, president of the National Cargo Bureau (NCB), recently signed a Memorandum of Agreement (MOA) for inspection and plan review performed on commercial cargo vessels by NCB on behalf of the Coast Guard. [Memorandum of Agreement](#) 

Captain's alcohol conviction a strong warning: safety is paramount. *Maritime New Zealand*. 7 August 2017. Available from: <http://www.maritimenz.govt.nz/public/news/media-releases-2017/20170807a.asp> Maritime NZ's Northern Regional Manager, Neil Rowarth, said today's (August 7) alcohol conviction of a cargo ship's master is a strong warning and reminder to seafarers: "Safety is paramount, if you are over the alcohol limit you will be prosecuted".

Standard GOST 26653-2015 – the new requirements regarding the cargo preparing for transportation. By Capt. Anatoly Shmelev, Marine Surveyor & Loss Adjuster. *Hellenic Shipping News*. 7 August 2017. Available from: <http://www.goo.gl/t5JzDkh> On the 1st July, 2017, the new interstate standard GOST 26653-2015 "Preparing general cargoes for transportation.

MUA Questions AMSA's Motivations On Autonomous Vessels. *Maritime Union of Australia (MUA)*. 10 August 2017. Available from: http://www.mua.org.au/mua_questions_amsa_s_motivations_on_autonomous_vessels The Maritime Union of Australia has questioned the motivation of the Australian Maritime Safety Authority by secretly endorsing the operation of unmanned vessels while at the same time staying silent on the need for Australian seafarers to protect our coast.

Communication is key. *Standard Club*. 9 August 2017. Available from: <http://www.standard-club.com/news-and-knowledge/news/2017/08/web-alert-communication-is-key.aspx> The Standard Club is working with the Confidential Hazardous Incident Reporting Programme (CHIRP) to promote safety at sea and accident prevention.

New E.U. Research Aims to Improve Arctic Safety. *Maritime Executive*. 14 August 2017. Available from: <http://www.maritime-executive.com/article/new-eu-research-aims-to-improve-arctic-safety> A new three-year research project, funded by the E.U.'s Horizon 2020 program, has been launched to address safety and efficiency in Arctic ship operations.

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

Ottawa to force ships to slow down to prevent whale deaths in Gulf of St. Lawrence. By Bobbi-Jean MacKinnon and Elizabeth Fraser. *Canadian Broadcasting Corporation (CBC)*. 11 August 2017. Available from: <http://www.cbc.ca/news/canada/new-brunswick/whale-deaths-gulf-temporary-measures-fisheries-transport-1.4242512> 📻 The Canadian government is implementing a temporary mandatory slowdown for vessels of 20 metres or more in length to try to prevent more deaths of North Atlantic right whales in the Gulf of St. Lawrence.

Onboard Repairs - Compliance with Class and Statutory Requirements - A P&I Perspective. *West of England P&I Club*. 10 August 2017. Available from: <http://www.westpandi.com/Publications/News/onboard-repairs---compliance-with-class-and-statutory-requirements---a-pi-perspective/> Recently an entered vessel carried out repairs to a part of the vessel's structure that fell within the ambit of Class.

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

Evaluation on the implementation of the Regulation (EC) No 1406/2002 establishing EMSA. *European Maritime Safety Agency (EMSA)*. 30 August 2017. Available from: <http://emsa.europa.eu/news-a-press-centre/external-news/item/3092-emsa-guidance-on-the-inventory-of-hazardous-materials-3092.html> In accordance with Article 22 of Regulation (EC) No 1406/2002, as amended, establishing a European Maritime Safety Agency, the Administrative Board shall "At regular intervals and at least every five years, (...) commission an independent external evaluation on the implementation of this Regulation." [Final Report](#) 

MARITIME SECURITY

Cargo theft: a billion-dollar problem. By Eva Grey. *Ship-Technology.Com*. 31 July 2017. Available from: <http://www.ship-technology.com/features/featurecargo-theft-a-billion-dollar-problem-5882653/> The issue of cargo theft and cargo loss has long been miscalculated, with largely inaccurate assessments of the true financial damages suffered.

The Nexus Between Prosperity in the African Maritime Domain and Maritime Security. By Ernesta Swanepoel. *South African Institute of International Affairs (SAIIA)*. July 2017. Available from: <http://www.saiia.org.za/policy-briefings/the-nexus-between-prosperity-in-the-african-maritime-domain-and-maritime-security> At the centre of ocean governance are the undefined concepts of 'Blue Economy' and 'maritime security'. [Policy Briefing](#)

What Russia's new Navy Strategy says about the Arctic. By Atle Staalesen. *Independent Barents Observer (Norway)*. 3 August 2017. Available from: <https://thebarentsobserver.com/en/security/2017/08/what-russias-new-navy-strategy-says-about-arctic> The policy document, which was signed by President Putin on 20th July, includes high ambitions for the country's naval forces.

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

Greenville Port Gains ISPS Compliance Level 1. By David A Yates. *Daily Observer (Liberia)*. 4 August 2017. Available from: <https://www.liberianobserver.com/news/greenville-port-gains-isps-compliance-level-1/> After a careful review, meeting the guidelines and procedures pursuant to the International Ship and Port Facility Security Code (ISPS), the West African Maritime Security Consultancy (WAMSEC) has certified the Port Facility Security Assessment (PFSA) and Port Facility Security Plan (PFSP) of the Samuel Alfred Ross Port in Greenville, Sinoe County.

Blockchain Cryptocurrency Launches for Shipping Security.

Port Technology International. 2 August 2017. Available from:

https://www.porttechnology.org/news/shipping_cryptocurrency_launches_to_provide_blockchain_security A new blockchain-based technology is making a move to revolutionize the way in which the container shipping industry is paying for services by introducing a cryptocurrency into the market.

SOFTimpact: Why maritime is so vulnerable to cyber attacks . *Splash 24/7*. 9 August 2017.

Available from: <http://splash247.com/softimpact-maritime-vulnerable-cyber-attacks/>

The maritime industry appears to be specifically vulnerable to cyber attacks due to several factors including the fact that IT systems onboard were designed with a 'the system must work under all conditions' instead of the 'system must work securely' mind set, argues Markus Schmitz, the managing director of Cyprus-based IT provider SOFTimpact in today's Maritime CEO interview.

Maritime industry moves from awareness to action on cyber security.

By Martyn Wingrove. *Marine Electronics and Communications*. 8 August 2017.

Available from: http://www.marinemec.com/news/view_maritime-industry-moves-from-awareness-to-action-on-cyber-security_48744.htm Cyber risk management should be a top priority for shipping company boardrooms as a successful attack can lead to serious financial losses.

Security forces hold maritime exercise in Davao. **By Juliet C. Revita.** *Sun Star*

(*Philippines*). 9 August 2017. Available from: <http://www.sunstar.com.ph/davao/local-news/2017/08/09/security-forces-hold-maritime-exercise-davao-557467>

With the 32nd Kadayawan sa Dabaw 2017 Festival drawing near, combined law enforcement agencies conducted an Inter-Agency Maritime Exercise at Davao Gulf fronting the Naval Station Felix Apolinario, Panacan, Davao City, on Tuesday morning, August 8, to be prepared against maritime threats.

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

By Elizabeth McLaughlin. *ABC News (US)*. 8 August 2017. Available from:

<http://abcnews.go.com/International/iranian-drone-100-feet-us-fighter-jet-persian/story?id=49095272>

An Iranian drone came within 100 feet of a U.S. Navy F/A-18 fighter jet that was waiting to land on the *USS Nimitz* aircraft carrier in the central Persian Gulf, two U.S. officials confirmed.

ICHCA community to discuss how to protect global cargo chain against physical and cyber attacks. *International Cargo Handling Coordination Association (ICHCA)*.

10 August 2017. Available from: <http://ichca.com/ichca-community-discuss-protect-global-cargo-chain-physical-cyber-attacks>

Following the Petya attack in June, one of the biggest cyber-attacks ever experienced in global shipping which crippled A.P. Moller-Maersk's computer systems worldwide for 5 days, the need to protect against both cyber and physical threats to critical maritime infrastructures has been topmost on the minds of many in the cargo handling industry.

'India's assistance to Seychelles absolutely immeasurable' . *New Indian Express*.

10 August 2017. Available from: <http://www.newindianexpress.com/nation/2017/aug/10/indias-assistance-to-seychelles-absolutely-immeasurable-1641312.html>

India's assistance is "critical" to the Seychelles in the field of maritime security and in patrolling its large exclusive economic zone, Patrick Pillay, the Speaker of its National Assembly, said today.

Crew arrested after drugs raid. By Gary Dixon. *TradeWinds*. 10 August 2017.

Available from: <http://www.tradewindsnews.com/legal/1325278/crew-arrested-after-drugs-raid>
Spanish authorities have arrested 13 crew on a Comoros-flagged cargo ship after finding hashish on board.

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

Is the Shipping Industry on Cybersecurity Autopilot? By Michael Bahar, Partner, Eversheds Sutherland (US). *Maritime Executive*. 14 August 2017. Available from: <http://www.maritime-executive.com/editorials/is-the-shipping-industry-on-cybersecurity-autopilot>
The summer months of 2017 have been a watershed for the maritime industry, and more is yet to come.

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

Iranian drone comes close to U.S. aircraft carrier: U.S. Navy. By Idrees Ali. *Reuters*. 14 August 2017. Available from: <https://www.reuters.com/article/us-usa-iran-drones-idUSKCN1AU1Z7> An Iranian drone came within 1,000 feet (300 meters) of a U.S. aircraft carrier while it was in international waters in the Gulf conducting flight operations, a spokesman for the U.S. Naval Forces Central Command said on Monday.

AP Moller-Maersk expects \$200-300m hit to full year earnings from cyber-attack. By Lee Hong Liang. *Seatrade Maritime News*. 16 August 2017. Available from: <http://www.seatrade-maritime.com/news/europe/ap-moller-maersk-expects-200-300m-hit-to-full-year-earnings-by-cyber-attack.html> AP Moller-Maersk Group is expecting to take a \$200-300m hit for its full year earnings in 2017 due mainly to lost revenue in July as a result of a crippling cyber-attack.

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

ECOWAS assesses Nigerian port facilities on security code. By Godwin Oritse. *Vanguard (Nigeria)*. 17 August 2017. Available from: <http://www.vanguardngr.com/2017/08/ecowas-assesses-nigerian-port-facilities-security-code/> The Economic Communities of West African States (ECOWAS) recently carried out an assessment of port facilities in Nigeria with a view to ascertaining the country's level of compliance to the International Ship and Port Security, ISPS Code.

How hackers are targeting the shipping industry. By Chris Baraniuk. *BBC News*.

18 August 2017. Available from: <http://www.bbc.co.uk/news/technology-40685821>

Whenever one of the firm's fuel suppliers would send an email asking for payment, the virus simply changed the text of the message before it was read, adding a different bank account number.

WhatsApp came in handy at Maersk after cyber blackout. By Nick Roumpis. *TradeWinds*.

17 August 2017. Available from: <http://www.tradewindsnews.com/liner/1329806/whatsapp-came-in-handy-at-maersk-after-cyber-blackout>

AP Moller-Maersk's new structure was one of the main reasons that helped the company limit the impact of the June cyber-attack, which cost the Danish giant between \$200m and \$300m.

NATO Ships Sweep Seafloor for Old Ordnance. *NATO Maritime Command*. 17 August 2017.

Available from: <http://www.mc.nato.int/media-centre/news/2017/nato-ships-sweep-seafloor-for-old-ordnance.aspx> Standing NATO Mine Countermeasures Group One (SNMCMG1) completed four days of Historical Ordnance Disposal (HOD) Operations along with Estonian minehunter *ENS Admiral Cowan* in Estonian territorial waters August 17.

NIMASA reaches 96% ISPS compliance level, lists facilities on GISIS. By Godwin Oritse.

Vanguard (Nigeria). 17 August 2017. Available from:

<http://www.vanguardngr.com/2017/08/nimasa-reaches-96-isps-compliance-level-lists-facilities-gisis/>

The Nigerian Maritime Administration and Safety Agency, NIMASA, has said that Nigeria is currently compliant to the International Ship and Port Security, ISPS, Code, following a renewed enforcement drive.

Exercise enhances cooperative maritime security efforts. *US Department of Defense*.

21 August 2017. Available from: <https://www.defense.gov/News/Article/Article/1284477/>

The 16th annual Southeast Asia Cooperation and Training exercise, known as SEACAT, began today in Singapore, Brunei and the Philippines, focusing on shared regional maritime security challenges.

Royal Navy leads international efforts to seize drugs worth £400M.

UK Government Ministry of Defence. 20 August 2017. Available from:

<https://www.gov.uk/government/news/royal-navy-leads-international-efforts-to-seize-drugs-worth-400m>

The UK and France commanded a multinational naval task force which has scored eight drugs busts over the period, seizing 1.75 tonnes of narcotics worth nearly £400m, including 265kg of heroin and 455kg of hashish worth £65m by the Royal Navy Type 23 frigate, *HMS Monmouth*.

Hacked off. By Jason Jiang. *Splash 24/7*. 24 August 2017. Available from:

<http://splash247.com/hacked-off/> With the acceleration of digitalisation across maritime, the cyber threat to shipping is racing ahead of efforts by industry bodies and regulators to combat the menace.

Iran, Indonesia stress coop. on fighting maritime terrorism. *MEHR News Agency (Iran)*.

24 August 2017. Available from: <http://en.mehrnews.com/news/127225> During the visit, held on the sidelines of the 3rd International Maritime Security Symposium in Bali, Commander Sayyari commended Indonesia for hosting the Symposium underlining that Iran attaches high importance to maritime security gatherings as the sole way to benefit from maritime sources is providing their security.

Impact of supply chain attacks hits highest rate ever. *British Standards Institution (BSI).*

24 August 2017. Available from: <https://www.bsigroup.com/en-GB/about-bsi/media-centre/press-releases/2017/august/Impact-of-supply-chain-attacks-hits-highest-rate-ever/>
Attacks on global supply chains by terrorist groups have hit the highest rate ever as have associated costs, according to a report released today by BSI.

Indian Register of Shipping develops class rules and cyber safety guidelines - Addresses cyber risks of emerging technologies. *Indian Register of Shipping (IRClass).* 28 August 2017.

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

CSO Alliance and Airbus to improve Maritime Community safety worldwide with tailor-made online crime reporting platform. *Airbus.* 29 August 2017. Available from:

<http://www.intelligence-airbusds.com/en/7938> The digital revolution has significantly modified the maritime market's way of working.

France targets ports with 'Maritime Surveillance'. *Port Technology International.*

31 August 2017. Available from:

<https://www.porttechnology.org/news/france-uses-maritime-surveillance> Advanced technology must be used to increase the capabilities of maritime surveillance, Augier noted in an interview.

Regional maritime security exercise sees its largest group of participating countries.

By Lim Min Zhang. *Straits Times.* 29 August 2017. Available from: <http://www.goo.gl/5yLpGP>
More countries are coming together in an exercise to share information about maritime security challenges in the region.

MARITIME TRAINING

Maritime training in the 21st century. *DNV GL.* 28 July 2017. Available from:

<https://www.dnvgl.nl/news/maritieme-training-in-de-21e-eeuw-98426> "21st century students are being taught 19th century methods using 20th century tools," Prof. R. Pawling of University College, London - digitalization is radically changing our business models.

Success story: A half century of seafarer training in the South Pacific.

American Journal of Transportation (AJOT) . 31 July 2017. Available from:

<https://www.ajot.com/news/success-story-a-half-century-of-seafarer-training-in-the-south-pacific>
Hamburg - End of July around 200 guests celebrated the 50th anniversary of the Marine Training Centre (MTC) on the Kiribati island of Tarawa in the South Pacific last week.

Ice Navigation Training for Maersk Line Officers. **By Eric Haun.** *MarineLink.Com.*

1 August 2017. Available from: <https://www.marinelink.com/news/navigation-training427898>

Deck officers and captains from Maersk Line have begun a series of ice navigation training courses at Aboa Mare in Turku, Finland.

CMI Signs Cooperation Agreement with Antwerp Maritime Academy in Belgium.

By Peta-Gay Hodges. *Jamaica Information Service.* 31 July 2017. Available from:

<http://jis.gov.jm/cmi-signs-cooperation-agreement-antwerp-maritime-academy-belgium/>

The Caribbean Maritime Institute (CMI) has signed a cooperation agreement with Belgium's Antwerp Maritime Academy (AMA) to develop a curriculum covering several key areas of study.

Visa U-Turn a boost to UK training academies. By Helen Kelly. *Lloyd's List*. 1 August 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL110689/Visa-U-Turn-a-boost-to-UK-training-academies> Changes to UK Tier 4 immigration rules could mean a boost in international students completing cadet training courses.

U.S. Transfers Custody of New Joint Maritime Law Enforcement Training Center. *US Embassy in the Philippines*. 8 August 2017. Available from: <https://ph.usembassy.gov/us-transfers-custody-of-new-joint-maritime-law-enforcement-training-center/> U.S. Embassy Deputy Chief of Mission (DCM) Michael Klecheski transferred custody of a brand new Joint Maritime Law Enforcement Training Center (JMLETTC) valued at over Php 65.4 million to the Government of the Philippines in a ceremony in Magarwak, Barangay Santa Lourdes, Puerto Princesa City, on August 4, 2017.

ICS Publishes New Personal Training and Service Record Book for Seafarers. *International Chamber of Shipping (ICS)*. 7 August 2017. Available from: <http://www.goo.gl/AY9FGGr> The International Chamber of Shipping (ICS) has published a new edition of its widely used Personal Training and Service Record Book, to help qualified seafarers and their employers maintain a comprehensive record of training and seagoing service.

Japan-Donated Emergency Vehicles To Train CMI Students. By Jason Cross. *The Gleaner (Jamaica)*. 10 August 2017. Available from: <http://jamaica-gleaner.com/article/lead-stories/20170810/japan-donated-emergency-vehicles-train-cmi-students> These will be utilised in training Caribbean Maritime Institute students, who will be responsible for providing volunteer services for communities in the vicinity of the institution, including Harbour View and Port Royal.

NAOC Engages 280 Youths on Seafarers Training Scheme. By Okon Bassey. *This Day (Nigeria)*. 11 August 2017. Available from: <https://www.thisdaylive.com/index.php/2017/08/11/naoc-engages-280-youths-on-seafarers-training-scheme/> Nigerian Agip Oil Company Limited has commenced the training of no fewer than 280 youths on seafarers programme as part of capacity building for youths in its operational areas.

Indian Naval War College rolls out Second International Course on Maritime Security. *Government of India*. 15 August 2017. Available from: <https://www.indiannavy.nic.in/content/indian-naval-war-college-rolls-out-second-international-course-maritime-security> The second international programme for naval officers from friendly foreign countries launched by the Indian Navy's War College at Goa, was inaugurated on 14 August 2017 by Prof Varun Sahni, Vice Chancellor, Goa University.

Maritime Institute Offering Course In Crash-Investigation Skills. By Jason Cross. *The Gleaner (Jamaica)*. 14 August 2017. Available from: <http://jamaica-gleaner.com/article/lead-stories/20170814/maritime-institute-offering-course-crash-investigation-skills> Accident reconstruction and investigation with the use of a black box is predicted to become the way of the future, and the Caribbean Maritime Institute has developed a programme geared at preparing future experts in the field.

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

Opening up the world for aspiring West African seafarers: Celebrity Cruises unveils new industry-first partnership. *Celebrity Cruises*. 22 August 2017. Available from: <http://www.goo.gl/UZG452h> Celebrity Cruises is proud to announce a unique partnership with the Regional Maritime University (RMU) in Ghana.

Emirati women cross marine milestone. *Gulf Today (United Arab Emirates)*. 24 August 2017. Available from: <http://gulftoday.ae/portal/15b8616b-d025-41af-a7df-c6095949956d.aspx> Abu Dhabi is marking a new milestone on Wednesday, as the first three Emirati women graduate as masters of 24-Meters vessels from the Maritime Training Centre at Abu Dhabi Ports.

MIGRANTS

Mediterranean Migrant Arrivals Reach 113,433 in 2017; 2,377 Deaths.

International Organization for Migration (IOM). 28 July 2017. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-113433-2017-2377-deaths> IOM, the UN Migration Agency, reports that 113,433 migrants and refugees entered Europe by sea in 2017 through 26 July, with almost 85 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Are migrants paying price as EU targets smugglers in the Med? By Rami Ruhayem.

BBC News. 27 July 2017. Available from: <http://www.bbc.co.uk/news/world-europe-40706957> There was a serene, enchanting glow to the view from the Vos Prudence search-and-rescue ship as it slowed to a standstill off the Libyan coast a few hours after sunset.

C Star owner denies ship will block rescue of migrants. By Adam Corbett. *TradeWinds*.

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

Aid groups split over Italy's new rules for migrant rescues. *EurActiv*. 1 August 2017.

Available from: <http://www.euractiv.com/section/global-europe/news/aid-groups-split-over-italys-new-rules-for-migrant-rescues/> Five aid groups that operate migrant rescue ships in the Mediterranean refused to sign up to the Italian government's code of conduct on Monday (31 July), the Interior Ministry said, but three others backed the new rules.

Mediterranean Migrant Arrivals Reach 114,287 in 2017; 2,385 Deaths.

International Organization for Migration (IOM). 1 August 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-114287-2017-2385-deaths> IOM, the UN Migration Agency, reports that 114,287 migrants and refugees entered Europe by sea in 2017 through 30 July, with almost 85 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

The Failure of Libya's EU-Backed Coastguard. By Hadeel Elaradi, Lybia Researcher, Arab Center for the Promotion of Human Rights. *Atlantic Council*. 31 July 2017. Available from:

<http://www.atlanticcouncil.org/blogs/menasource/the-failure-of-libya-s-eu-backed-coastguard> On May 25, a Libyan coastguard unit opened fire on Europe-bound boats full of refugees while rescue attempts were under way.

Italy moves to end migrant crisis with naval mission and NGO crackdown. *The Local (Italy)*. 3 August 2017. Available from: <https://www.thelocal.it/20170803/italy-moves-to-end-migrant-crisis-with-naval-mission-and-ngo-crackdown> Italy on Wednesday dispatched a navy patrol boat to Libya and seized an NGO rescue ship in dramatic steps aimed at ending the migrant crisis that has engulfed Europe in recent years.

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

Migrant rescue ship blocked in Lampedusa amid NGO crackdown. *The Local (Italy)*. 2 August 2017. Available from: <https://www.thelocal.it/20170802/migrant-rescue-ship-blocked-in-lampedusa-amid-ngo-crackdown> The organisation was among those which refused to sign a 'code of conduct' on migrant search and rescue operations in the Mediterranean imposed by the Italian government.

Owner hits back in row over migrant rescue ship. By Gary Dixon. *TradeWinds*. 4 August 2017. Available from: <http://www.tradewindsnews.com/legal/1321561/owner-hits-back-in-row-over-migrant-rescue-ship> A Dutch charity that operates a migrant rescue ship wants a new code of conduct for operations after Italy claimed its volunteers had contact with people smugglers.

Libya Remains Top Priority for UN Migration Agency: DG Swing in Tripoli. *International Organization for Migration (IOM)*. 4 August 2017. Available from: <http://www.iom.int/news/libya-remains-top-priority-un-migration-agency-dg-swing-tripoli> IOM, the UN Migration Agency's Director General William Lacy Swing returned to Tripoli earlier this week (1-3/08), where he reiterated that Libya remains IOM's top priority.

Mediterranean Migrant Arrivals Reach 115,109 in 2017; 2,397 Deaths. *International Organization for Migration (IOM)*. 4 August 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-115109-2017-2397-deaths> IOM, the UN Migration Agency, reports that 115,109 migrants and refugees entered Europe by sea in 2017 through 2 August, with almost 83 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

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

Italian prosecutors widen investigation to include MSF over migrant rescues: source. By Valentina Za. *Reuters*. 5 August 2017. Available from: <http://www.reuters.com/article/us-italy-migrants-medecins-sans-frontier-idUSKBN1AL0HZ> Italian prosecutors are investigating leading humanitarian organization Medecins Sans Frontieres (MSF), a legal source said on Saturday, over its role in rescuing migrants crossing the Mediterranean Sea.

Mediterranean Migrant Arrivals Reach 116,692 in 2017; 2,405 Deaths. *International Organization for Migration (IOM)*. 8 August 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-116692-2017-2405-deaths> IOM, the UN Migration Agency, reports that 116,692 migrants and refugees entered Europe by sea in 2017 through 6 August, with almost 83 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Maritime Incidents Libyan Coast | 21 July - 6 August. *International Organization for Migration (IOM).* 8 August 2017. Available from: <http://www.iom.int/sitreps/maritime-incidents-libyan-coast-21-july-6-august>

Up to 50 Somali, Ethiopian Migrants Deliberately Drowned by Smugglers off Yemen.

International Organization for Migration (IOM). 10 August 2017. Available from:

<http://www.iom.int/news/50-somali-ethiopian-migrants-deliberately-drowned-smugglers-yemen>

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

160 Ethiopian Migrants Forced into the Seas off Yemen by Smugglers Today, Following Death of Up to 50 Yesterday. *International Organization for Migration (IOM).* 11 August 2017.

Available from: <http://www.iom.int/news/160-ethiopian-migrants-forced-seas-yemen-smugglers-today-following-death-50-yesterday> This comes one day after the presumed death of 50 Ethiopian and Somali migrants during a similar incident.

Toy boats, jetskis: African migrants take new risks for better life in Europe.

By Kieran Guilbert. *Thomson Reuters Foundation.* 10 August 2017. Available from:

<http://news.trust.org/item/20170810114117-18etd/> African migrants are seeking a cheaper and easier path to Europe with a rising number setting sail for Spain from Morocco using toy dinghies and jetskis, migration experts said on Thursday.

Italy applauds Libya's decision on migrant 'search and rescue' zone. *The Local (Italy).*

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

SOS MEDITERRANEE continues its search and rescue activities. *SOS Mediterranee - European Association for Rescue of Life in the Mediterranean Sea.* 13 August 2017.

Available from: <http://sosmediterranee.org/aquarius-continues-search-and-rescue-activities/?lang=en> On Thursday, the 10th August, Libyan authorities announced their intention to establish a search and rescue (SAR) zone, thereby wishing to restrict access to the international waters off Libya to all foreign ships, including humanitarian vessels.

Hindrance of Humanitarian Assistance will Create a Deadly Gap in the Mediterranean Sea.

Médecins Sans Frontières (MSF). 12 August 2017. Available from:

<http://www.doctorswithoutborders.org/article/hindrance-humanitarian-assistance-will-create-deadly-gap-mediterranean-sea> Libyan authorities have announced the establishment of a search and rescue (SAR) zone and restricted access to humanitarian vessels in international waters off the Libyan coast.

Refugee rescue boat sent to help far-right anti-immigrant ship stranded in Mediterranean with mechanical failure. **By Lizzie Dearden.** *The Independent.* 11 August 2017.

Available from: <http://www.independent.co.uk/news/world/europe/refugee-rescue-boat-anti-immigrant-c-star-ship-mediterranean-defend-europe-mechanical-failure-far-a7887876.html> 

Volunteers on a German refugee rescue ship have been deployed to help a vessel chartered by far-right activists that became stranded in the Central Mediterranean.

Mediterranean Migrant Arrivals Reach 117,795 and 2,408 Deaths in 2017.

International Organization for Migration (IOM). 11 August 2017. Available from:

<http://www.iom.int/news/mediterranean-migrant-arrivals-reach-117795-and-2408-deaths-2017>

IOM, the UN Migration Agency, reports that 117,795 migrants and refugees entered Europe by sea in 2017 through 9 August, with almost 83 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

SOS MEDITERRANEE signs amended version of the Code of Conduct during meeting in Rome.

SOS Mediterranee - European Association for Rescue of Life in the Mediterranean Sea.

11 August 2017. Available from: <http://sosmediterranee.org/sos-mediterranee-signs-code-of-conduct/?lang=en>

Today, Friday August 11th, European humanitarian organization SOS MEDITERRANEE met with Mario Morcone, Head of Civil Liberties and Immigration at the Ministry of Interior in Rome.

More Survivors, Remains of Deceased Migrants Found by UN Migration Agency on Yemen Beach.

International Organization for Migration (IOM). 15 August 2017. Available from:

<http://www.iom.int/news/more-survivors-remains-deceased-migrants-found-un-migration-agency-yemen-beach>

Over the past three days, staff from IOM, the UN Migration Agency, have found more survivors, as well as the remains of more victims, from last week's tragic incidents.

Mediterranean Migrant Arrivals Reach 118,227 in 2017; 2,408 Deaths.

International Organization for Migration (IOM). 15 August 2017. Available from:

<http://www.iom.int/news/mediterranean-migrant-arrivals-reach-118227-2017-2408-deaths>

IOM, the UN Migration Agency, reports that 118,227 migrants and refugees entered Europe by sea in 2017 through 13 August, with almost 83 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Migratory flows in July: Numbers fall in Italy, remain high in Spain.

Frontex European Border and Coast Guard Agency. 14 August 2017. Available from:

<http://frontex.europa.eu/news/migratory-flows-in-july-numbers-fall-in-italy-remain-high-in-spain-X4OFNn>

In July, there were 15 400 detections of illegal border crossings on the four main migratory routes into the EU as the number of migrants arriving in Italy fell by more than half from the previous month. Spain continued to see the heaviest migratory pressure since 2009.

Save the Children's search and rescue vessel to dock in Malta, as Libyan Navy assume control of international waters.

Save the Children. 13 August 2017. Available from:

<https://www.savethechildren.net/article/save-children-s-search-and-rescue-vessel-dock-malta-libyan-navy-assume-control-international>

Save the Children's Search and Rescue operation has saved the lives of many vulnerable people who are risking their lives to flee to Europe, including unaccompanied children and babies with their parents.

Italy minister sees light at the end of the tunnel on migrant flows.

EurActiv. 16 August 2017. Available from:

<http://www.euractiv.com/section/global-europe/news/italy-minister-sees-light-at-the-end-of-the-tunnel-on-migrant-flows/>

Italy's interior minister said on Tuesday (15 August) he saw light at the end of the tunnel for curbing migrant flows from Libya after a slowdown in arrivals across the Mediterranean in recent months.

Migrant crisis: Spain rescues 600 people in busiest day.

BBC News. 17 August 2017. Available from:

<http://www.bbc.co.uk/news/world-europe-40957089> Spain's coastguard says it has rescued 600 migrants crossing from Morocco in a 24-hour period, amid a spike in the number of migrant arrivals.

EU 'trying to move border to Libya' using policy that breaches rights – UN experts.

Office of the United Nations High Commissioner for Human Rights (OHCHR). 17 August 2017. Available from:

<http://www.ohchr.org/EN/NewsEvents/Pages/DisplayNews.aspx?NewsID=21978&LangID=E>

Two United Nations human rights experts have expressed serious concern over a new European Commission policy on Mediterranean Sea rescues, warning that more people will drown.

Libyan marine rescue zone aims to 'organise' NGOs: navy. *France 24.* 16 August 2017.

Available from: <http://www.france24.com/en/20170816-libyan-marine-rescue-zone-aims-organise-ngos-navy>

Libya is not "preventing" NGOs from carrying out migrant rescue operations off its coast, but has set up a coastal search and rescue zone to "organise" their work, its navy said Wednesday.

Migrant rescue NGO accuses the EU of 'hiding the dirt' under the Mediterranean. *EurActiv.*

16 August 2017. Available from: <http://www.euractiv.com/section/global-europe/news/migrant-rescue-ngo-accuses-the-eu-of-hiding-the-dirt-under-the-mediterranean/>

Speaking about the refugee crisis and the Libyan and Syrian conflicts, Óscar Camps, director of the Spanish NGO Proactiva Open Arms, accused the EU of "hiding the dirt under the carpet" of international waters in the Mediterranean sea.

Mediterranean Migrant Arrivals Reach 119,069 in 2017; 2,410 Deaths.

International Organization for Migration (IOM). 18 August 2017. Available from:

<http://www.iom.int/news/mediterranean-migrant-arrivals-reach-119069-2017-2410-deaths>

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

Impossible Choice: Why We Cannot Stand Behind Returns To Libya. By Gemma Parkin, *Save the Children.* *Huffington Post (UK).* 17 August 2017. Available from:

http://www.huffingtonpost.co.uk/gemma-parkin/libya-refugee-crisis_b_17772566.html

It's a strange question to kick off the working day on board Save the Children's rescue ship: Would we rather stop our search and rescue operations completely, and risk people drowning, than return migrants and refugees back to Libya?

Maritime Update Libyan Coast | 7 - 21 august 2017. *International Organization for Migration (IOM).*

23 August 2017. Available from: <https://www.iom.int/sitreps/libya-maritime-update-libyan-coast-7-21-august-2017>

Armed group stopping migrant boats leaving Libya. By Ahmed Elumami. *Reuters.*

21 August 2017. Available from: <https://www.reuters.com/article/us-europe-migrants-libya-italy-exclusive-idUSKCN1B11XC>

An armed group is stopping migrant boats from setting off across the Mediterranean from a city west of Tripoli that has been a springboard for people smugglers, causing a sudden drop in departures over the past month, sources in the area said.

Mediterranean Migrant Arrivals Reach 120,975 in 2017. *International Organization for Migration (IOM).*

25 August 2017. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-120975-2017>

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

No migrant deaths at sea in last 20 days as Mediterranean arrivals reach 121,517 for 2017.

International Organization for Migration (IOM). 29 August 2017. Available from:

<http://www.goo.gl/VhFwGqh> Since 9 August, IOM, the UN Migration Agency, has not received any reports of migrant deaths in the Mediterranean.

DFDS CEO on migrants: This is a completely unsustainable situation.

By Katrine Grønvald Raun. *ShippingWatch*. 28 August 2017. Available from: <http://shippingwatch.com/carriers/article9821118.ece> DFDS is currently stuck in limbo after a group of migrants sneaked on board the Ropax ferry *Kaunas* on July 27 en route between Ukraine and Turkey.

Italy denies supporting Libyan traffickers to stop migrants. *Reuters*. 30 August 2017.

Available from: <https://www.reuters.com/article/us-europe-migrants-libya-italy-idUSKCN1BA2EV> Italy denied on Wednesday that it supported a deal to pay armed groups implicated in human trafficking to prevent migrants crossing the Mediterranean.

NAVIGATION AND COMMUNICATIONS

Crew connectivity: It's not just about the money. *Safety 4 Sea*. 26 July 2017.

Available from: <https://www.safety4sea.com/crew-connectivity-its-not-just-about-the-money/> Commenting on the recent study by Nautilus International regarding connectivity onboard, Global Navigation Solutions suggested that despite estimates that communications account for just 1% of daily operating costs, the relative cost of bandwidth and equipment made some shipowners unwilling to provide connectivity to seafarers.

In Depth: Weather Routing – Reducing Emissions by Better Planning. **By Jaap Proost.**

World Maritime News. 30 July 2017. Available from: <http://www.goo.gl/4Qo1ua> Seamen must be the first group of people who had an extensive knowledge of the weather.

Cyber threats prompt return of radio for ship navigation. **By Jonathan Saul.** *Reuters*.

7 August 2017. Available from: <https://www.reuters.com/article/us-shipping-gps-cyber-idUSKBN1AN0HT> The risk of cyber attacks targeting ships' satellite navigation is pushing nations to delve back through history and develop back-up systems with roots in World War Two radio technology.

Five questions for your maritime connectivity provider. **By Malcolm McMaster, President, Globecom Maritime.** *Splash 24/7*. 15 August 2017. Available from:

<http://splash247.com/five-questions-maritime-connectivity-provider/> In common with other sectors of the shipping industry, suppliers of maritime communication services have felt their share of pain during the near-decade long slump in vessel earnings.

Special report: Shipowners request more time for ECDIS updates. **By Martyn Wingrove.**

Marine Electronics and Communications. 22 August 2017. Available from: <http://www.marinemec.com/news/view/special-report-shipowners-request-more-time-for-ecdis-updates-48879.htm> IMO has decreed that the shipping industry has until 1 September to ensure ECDIS on all ships are updated to the new International Hydrographic Organization (IHO) standards and crew are trained.

Indian Regional Navigation Satellite System: All you need to know. *Times of India*.

31 August 2017. Available from: <http://timesofindia.indiatimes.com/india/indian-regional-navigation-satellite-system-all-you-need-to-know/articleshow/60303255.cms> Indian Regional Navigation Satellite System or IRNSS (NavIC) is designed to provide accurate real-time positioning and timing services to users in India as well as region extending up to 1,500 km from its boundary.

IoT & changing connectivity at sea. By Dan Rooney. *MarineLink.Com*. 30 August 2017. Available from: <https://www.marinelink.com/news/connectivity-changing-iot428912> IoT enables an organization to capture value from information, regardless of sector, and in essence forms a loop that creates a larger process.

USAID and Inmarsat Partner for Legal, Traceable and Sustainable Fishing. *USAID Oceans*. 28 August 2017. Available from: <http://www.seafdec-oceanspartnership.org/news/press-release-usaid-and-inmarsat-partner-for-legal-traceable-and-sustainable-fishing/> The United States Agency for International Development's Oceans and Fisheries Partnership (USAID Oceans) and Inmarsat Global Limited (Inmarsat) have announced a new partnership to help commercial fishing crews promote sustainable fishing in Southeast Asia.

PIRACY

Measures to deal with piracy at sea. *Government of India*. 27 July 2017. Available from: <http://www.pib.nic.in/newsite/PrintRelease.aspx?relid=169139> The Government has taken the following steps as part of various preventive/mitigating security measures.

Developments in Somali and South East Asian Piracy. *Hellenic Shipping News*. 1 August 2017. Available from: <http://www.hellenicshippingnews.com/developments-in-somali-and-south-east-asian-piracy/> The 'eradication' of Somali piracy in 2012 was heralded as a key success story for international intervention, and the operational structure advertised as a panacea for counter-piracy initiatives globally.

Africa set to tackle piracy, other maritime crimes - Dakuku. By Isichei Osamgbil. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 1 August 2017. Available from: <http://www.nimasa.gov.ng/press-center/post/africa-set-to-tackle-piracy-other-maritime-crimes-dakuku> The Chairman of the Association of African Maritime Administrations (AAMA) Dr. Dakuku Peterside has stated that Maritime Administrations (MARADs) in Africa are set to tackle the twin issue of piracy, sea crime and illegal migration in the continent.

Nigerian Pirates Abduct Five Seafarers from Freighter. *Maritime Executive*. 2 August 2017. Available from: <http://maritime-executive.com/article/nigerian-pirates-kidnap-five-freighter-crewmembers> Moroccan media report that the general cargo vessel *Oya 1* (ex name *Celia*) was boarded by pirates in the Gulf of Guinea on the night of July 29.

Bodies of three kidnapped sailors recovered in Philippines. *Ships & Ports*. 17 August 2017. Available from: <http://shipsandports.com.ng/bodies-of-three-kidnapped-sailors-recovered-in-philippines-2/> The Philippine military found the bodies of three sailors who were abducted on two separate occasions over nine months ago, piracy watchdog ReCAAP said.

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

Pirates target Japanese bulker off Singapore. By Dale Wainwright. *TradeWinds*. 23 August 2017. Available from: <http://www.tradewindsnews.com/casualties/1333500/pirates-target-japanese-bulker-off-singapore> A Japanese handysize bulker was targeted by pirates while transiting the Straits of Malacca and Singapore on Monday.

PORT STATE CONTROL

Launch of joint concentrated inspection campaign on safety of navigation (SOLAS CH.V).

Paris MoU on Port State Control. 31 July 2017. Available from:

<https://www.parismou.org/system/files/20170731%20Press%20Release%20on%20CIC%20on%20Safety%20of%20Navigation-final.pdf> 

The Maritime Authorities of the Tokyo and the Paris Memoranda of Understanding (MoU) on Port State Control will launch a joint Concentrated Inspection Campaign (CIC) on SAFETY OF NAVIGATION.

New ship registries fight against a vicious cycle: Palau Registry.

Seatrade Maritime News. 1 August 2017. Available from:

<http://www.seatrade-maritime.com/news/asia/new-ship-registry-s-fight-against-a-vicious-cycle-palau-registry.html>

The Paris MoU Blacklist status is stopping the growth of new registries, is anti-competitive and has become a vicious circle according to Panos Kirnidis, CEO of the Palau International Ship Registry.

MV Rena banned from Australian ports.

Australian Maritime Safety Authority (AMSA). 3 August 2017. Available from:

https://www.amsa.gov.au/media/documents/03082017_AMSAbansMVRenafromAustralia.pdf 

The Australian Maritime Safety Authority has banned the Bahamas flagged bulk carrier *MV Rena* from Australian ports for six months after the ship repeatedly failed to pay outstanding wages and maintain a safe workplace for its crew.

Foreign flagged ships under detention in the UK during July 2017.

UK Maritime & Coastguard Agency. 8 August 2017. Available from:

<https://www.gov.uk/government/news/foreign-flagged-ships-under-detention-in-the-uk-during-july-2017>

During July, there were three new detentions of foreign flagged vessels in a UK port.

Imposition of conditions of entry for certain vessels arriving to the US from the Federated States of Micronesia.

US Federal Register. 21 August 2017. Available from:

<http://www.goo.gl/r2X7pm>

The Coast Guard announces that it will impose conditions of entry on vessels arriving from the Federated States of Micronesia.

Maritime departments converge at ship inspections workshop . By Angela H. Cutrer.

St. Kitts & Nevis Observer. 21 August 2017. Available from:

<http://www.thestkittsnevisobserver.com/local-news/maritime-departments-converge-at-ship-inspections-workshop/>

More than 20 flag and port state inspectors from maritime departments across the region have gathered at the Ocean Terrence Inn for the International Maritime Organisation (IMO) Regional Workshop on Flag and Port State Inspections.

PORTS AND HARBOURS

Frustrated shippers say there's no end in sight to barge congestion at ports.

By Alexander Whiteman. *The Loadstar*. 27 July 2017. Available from:

<https://theloadstar.co.uk/frustrated-shippers-say-theres-no-end-sight-barge-congestion-ports/>

Shippers say they feel powerless over the barge congestion crisis in northern Europe – one believing there may be no early solution.

State aid: Commission requires Belgium and France to put an end to tax exemptions for ports.

European Commission. 27 July 2017. Available from: http://europa.eu/rapid/press-release_IP-17-2181_en.htm The European Commission has required Belgium and France to abolish the corporate tax exemptions granted to their ports, so as to align their tax regime with EU state aid rules.

Shippers' Council partners Customs on dry ports project. *Ships & Ports*. 31 July 2017.

Available from: <http://shipsandports.com.ng/shippers-council-partners-customs-on-dry-ports-project/> The Executive Secretary, Nigerian Shippers' Council (NSC) Hassan Bello has called on the Nigeria Customs Service (NCS) to partner with the Council for a successful take-off of the Inland Dry Ports (IDP) project in the country.

Sri Lanka, China sign US\$1.1b port deal to boost Belt and Road. *Shanghai Daily*.

31 July 2017. Available from: <http://www.shanghaidaily.com/business/transport/Sri-Lanka-China-sign-US11b-port-deal-to-boost-Belt-and-Road/shdaily.shtml> SRI Lanka's government on Saturday signed a long-delayed agreement to sell a 70 percent stake in a US\$1.5 billion port to China in a bid to recover from the heavy burden of repaying a Chinese loan obtained to build the facility.

Harbor Police Dive Team Lends Expertise to Help Philippines Strengthen Maritime Security. *Port of San Diego*. 2 August 2017. Available from:

<https://www.portofsandiego.org/617-harbor-police/4608-harbor-police-dive-team-lends-expertise-to-help-philippines-strengthen-maritime-security.html> The Port of San Diego Harbor Police Department's dive team is working with federal and Philippine maritime law enforcement agencies to strengthen and develop training for underwater searches and disaster incidents in the Philippines.

No to organised crime. By Mike Mundy. *Port Strategy*. 2 August 2017. Available from:

<http://www.portstrategy.com/news101/insight-and-opinion/the-strategist/no-to-organised-crime> Make no mistake, organised crime has a strong interest in gaining influence in port gateways and ports have to be vigilant in order to ensure that this does not happen, writes Mike Mundy.

Decayed ports infrastructure threatens Executive Order - Operator. By Tola Adenubi.

Nigerian Tribune. 7 August 2017. Available from: <http://tribuneonline.ng.com/decayed-ports-infrastructure-threatens-executive-order-%E2%80%95operator/> Speaking over the weekend at the Taiwo Afolabi Annual Maritime Conference, the Sifax Group boss lauded the Federal Government initiative to restore order at the ports.

Top EU container port regions (2007-2016): the rise of South Europe.

By Theo Notteboom. *PortEconomics*. 31 July 2017. Available from: <http://www.porteconomics.eu/2017/07/31/portgraphic-top-eu-container-port-regions-2007-2016-the-rise-of-south-europe/> Total container throughput in the EU increased by 13.9% between pre-crisis year 2007 and 2016.

Maritime Security Exercise Conducted at Port of Brownsville. *Port of Brownsville*.

8 July 2017. Available from: <http://www.portofbrownsville.com/maritime-security-exercise-conducted-at-port-of-brownsville/> The United States Coast Guard Sector Corpus Christi, alongside the Port of Brownsville and other federal, state and local agencies, conducted an Area Maritime Security Training and Exercise Program (AMSTEP) table-top exercise in Brownsville on July 12.

Benoa – Bali Cruise Ship Terminal development to start in September. *Jakarta Post*.

5 August 2017. Available from: <http://www.thejakartapost.com/travel/2017/08/05/benoa-bali-cruise-ship-terminal-development-to-start-in-september.html> A coordination meeting led by Coordinating Maritime Affairs Minister Luhut Binsar Pandjaitan on Aug. 1 resulted in a decision to begin the development of Benoa – Bali Cruise Ship Terminal by September this year.

United State Coast Guard Assesses Security at Takoradi Port. *Ghana Ports & Harbours Authority*. 15 August 2017. Available from: <http://ghanaports.gov.gh/news/1360/United-State-Coast-Guard-Assesses-Security-At-Takoradi-Port> The Port of Takoradi which currently being expanded to increase vessel calls has been audited by officials from the United State Coast guard as part of their routine auditing of port facilities.

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

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

Stowaways - Problematic Ports. *West of England P&I Club*. 21 August 2017. Available from: <http://www.westpandi.com/Publications/News/stowaways---problematic-ports/> The issue of stowaways onboard entered vessels is a perennial problem for the Club, with 60 cases involving 220 stowaways in the past 12 months, costing over USD 1.6 million to rectify and occupying a considerable amount of time to bring to satisfactory conclusions.

Linking Hamad-Karachi ports: Qatar announces new route to counter trade embargo. By Maqbool Malik. *The Nation (Pakistan)*. 21 August 2017. Available from: <http://nation.com.pk/national/21-Aug-2017/qatar-announces-new-route-to-counter-trade-embargo> Qatar Ports Management Company (Mwani Qatar) has announced to launch a new shipping route between its Hamad Port and Pakistan's premier Karachi Port to mitigate the impact of the trade embargo against Qatar by Saudi Arabia.

Climate change: NIMASA to bar carbon emitting ships from Nigerian ports. By Yusuf Babalola. *Leadership (Nigeria)*. 22 August 2017. Available from: <http://leadership.ng/2017/08/22/climate-change-nimasa-bar-carbon-emitting-ships-nigerian-ports/> The Nigerian Maritime Administration and Safety Agency (NIMASA) has said it will stop vessels with high amount of sulphur in fuel that allow for emission of carbon monoxide into the air from calling at the nation's seaports.

Code red. By Dave MacIntyre. *Port Strategy*. 22 August 2017. Available from: <http://www.portstrategy.com/news101/port-operations/planning-and-design/cyber-security-feature> If the ports and terminal industry thought it was immune from the cyber attacks that are increasingly sweeping through the business world, the WannaCry and Petya/Not Petya attacks served a brutal wake-up call.

Panama Canal welcomes largest capacity container vessel to-date through expanded locks. *Panama Canal Authority*. 22 August 2017. Available from: <https://www.pancanal.com/eng/pr/press-releases/2017/08/22/pr632.html> Today, the Panama Canal welcomed the largest capacity vessel to ever transit the Expanded Locks, the CMA CGM *Theodore Roosevelt*.

Emissions at historic low while cargo at historic high at the port of Los Angeles. By Phillip Sanfield. *Port of Los Angeles*. 18 August 2017. Available from: https://www.portoflosangeles.org/newsroom/2017_releases/news_081817_Emissions_Record.asp The Port of Los Angeles achieved record clean air gains while moving more cargo than ever, according to the Port's 2016 Inventory of Air Emissions.

Marina's draft regulatory policy to govern 'freewheeling' harbor pilots. *Port Calls Asia*.

24 August 2017. Available from: <http://www.portcalls.com/marinas-draft-regulatory-policy-govern-freewheeling-harbor-pilots/> The Maritime Industry Authority (Marina) will be issuing a new policy to regulate the Philippine harbour pilotage sector and make harbour pilots compliant with international standards set by the International Maritime Organization (IMO).

ABB technology to enable shore to ship power supply at Canada's largest port.

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

SealIntel: Here are the winning ports with the new alliances. *By Søren Pico*.

ShippingWatch. 28 August 2017. Available from: <http://shippingwatch.com/carriers/Tanker/article9822209.ece> There are both winners and losers among the European and Asian ports after the new container alliances on Asia-Europe emerged, according to SealIntel in its latest publication.

Nigeria loses billions to over dependence on Lagos ports. *By Yusuf Babalola*. *Leadership*

(Nigeria). 25 August 2017. Available from: <http://leadership.ng/2017/08/25/nigeria-loses-billions-dependence-lagos-ports/> The over-dependence on the Lagos seaports has been doing a lot of harm to the Nigerian economy, investigations by LEADERSHIP have revealed.

Port of Rotterdam Authority launches 'Building a Sustainable Port' campaign.

Port of Rotterdam. 29 August 2017. Available from: <http://www.goo.gl/QTvdp4h> The Port of Rotterdam Authority recently launched a new campaign: 'Building a Sustainable Port'.

UPDATE: Coast Guard, partners updates port conditions in effective Hurricane Harvey areas. *United States Coast Guard*. 29 August 2017. Available from:

<https://content.govdelivery.com/accounts/USDHSCG/bulletins/1b3d57a> The Coast Guard along with the U.S. Army Corps of Engineers and the Texas General Land Office have the current port conditions set within the effected areas of Hurricane Harvey and surrounding areas of the Gulf of Mexico, Tuesday.

Squaring up for port competition. *Straits Times*. 29 August 2017. Available from:

<http://www.straitstimes.com/opinion/st-editorial/squaring-up-for-port-competition> A navigational record set this month by a Russian tanker taking the Arctic route portends a shipping future that will be characterised by more options than are now available.

China's war on smog shakes up ports; Tianjin loses, rivals benefit. *By Josephine Mason and Meng Meng*. *Reuters*. 30 August 2017. Available from:

<https://www.reuters.com/article/us-china-coal-port-idUSKCN1BA1DB> China's war on smog is shaking up the country's busiest ports, which handle billions of tonnes of cargo a year, forcing Tianjin to overhaul its business as northern rivals snare a greater share of vast coal and iron ore shipments, results show.

RECYCLING OF SHIPS

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

By Henning Gramann, CEO, GSR Services. *European CEO*. 28 July 2017. Available from: <https://www.europeanceo.com/business-and-management/shipbreaking-is-a-vital-industry-but-environmental-reform-is-needed/> Ship recycling has for many years been the preserve of shipbreaking yards with poor safety records and little regard for the environment.

Ship graveyards: Scotland's links to deadly industry revealed. **By Chris Foote.** *STV News (Scotland)*. 24 July 2017. Available from: <https://stv.tv/news/features/1394172-scotland-s-hidden-links-to-the-shadowy-world-of-shipbreaking/> 🇬🇧 The men who work in the ship breaking yards of South Asia do one of the most dangerous jobs in the world.

Report from the Commission to the European Parliament and the Council on the feasibility of a financial instrument that would facilitate safe and sound ship recycling.

European Commission. 8 August 2017. Available from: <http://www.goo.gl/AWnQNSH> Each year, hundreds of large ships are sold for dismantling on the tidal beaches of South Asia 1.

Pakistan's ship-breaking industry needs 'overhaul'. **By Maqbool Malik.** *The Nation (Pakistan)*. 28 August 2017. Available from: <http://nation.com.pk/editors-picks/28-Aug-2017/pakistan-s-ship-breaking-industry-needs-overhaul> Pakistan needs to strengthen safety and environmental standards for its ship-breaking industry on the face of new guidelines being prepared by the European Commission for Asian ship-breaking industry to ensure compliance with its criterion by 2019.

Gadani's ship-breaking workers threaten to go on strike. *Express Tribune (Pakistan)*. 28 July 2017. Available from: <https://tribune.com.pk/story/1468071/gadanis-ship-breaking-workers-threaten-go-strike/> The Ship Breaking Workers Union Gadani has warned of going on strike in mid-August if their employers and the government do not fulfil their demands of provision of health and safety facilities at workplaces, increments in salaries and wages as well as special legislation for their industry.

European Commission reports on feasibility of a financial instruments. *NGO Shipbreaking Platform*. 11 August 2017. Available from: <http://www.shipbreakingplatform.org/press-release-european-commission-reports-on-feasibility-of-a-financial-instrument/> The European Commission released its report on the viability of a financial incentive for sustainable ship recycling under the EU Ship Recycling Regulation this week.

Danish Shipping: Assessment of existing regulation before new ship recycling initiatives.

Danish Shipping. 15 August 2017. Available from: <https://www.danishshipping.dk/en/press/news/danish-shipping-assesment-of-existing-regulation-before-new-ship-recycling-initiatives> The European Commission has published its long-awaited position on the feasibility of introducing a financial incentive to ensure that more ships are recycled at EU-approved facilities.

ClassNK paves the way for HKC verification expansion to South-East Asia. *ClassNK*.

21 August 2017. Available from: https://www.classnk.or.jp/hp/en/hp_news.aspx?id=2439&type=press_release&layout=1 Leading classification society ClassNK has completed the document review for a Ship Recycling Facility Plan (SRFP) submitted by Tsuneishi Ship Recycling (Negros), Inc. (TSRNI), verifying the facility to be in line with the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (HKC).

Brazil to crack down on ships sold into 'Toxic' scrap trade. By R. T. Watson. *Bloomberg*. 24 August 2017. Available from: <https://www.bloomberg.com/news/articles/2017-08-23/brazil-to-crack-down-on-ship-sales-that-feed-toxic-scrap-trade> Brazilian regulators are planning to strengthen rules to prevent exporters such as Petrobras and Vale SA from selling aging ships to buyers who offload the vessels in South Asia's controversial coastal scrapyards.

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

REGULATIONS

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

Saudi Aramco to enforce ballast rules. By Michael Angell. *TradeWinds*. 2 August 2017. Available from: <http://www.tradewindsnews.com/casualties/1320408/saudi-aramco-to-enforce-ballast-rules> Saudi Aramco will require ballast water samples for ships making call on its ports and terminals, according to a notice from Inchape Shipping Services.

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

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

Is Maersk responsible for declining interest in scrubbers? By Adrian Tolson, 20|20 Marine Energy. *Splash 24/7*. 9 August 2017. Available from: <http://splash247.com/maersk-responsible-declining-interest-scrubbers/> Adrian Tolson from 20|20 Marine Energy ruminates on why shipping seems to have lost interest in this emission cutting technology.

Indonesia rejects Malaysia's PSSA requests on Kukup, Piai. *Antara News (Indonesia)*. 8 August 2017. Available from: <http://www.antaranews.com/en/news/112169/indonesia-rejects-malysias-pssa-requests-on-kukup-piai> Indonesia has rejected Malaysia's proposal on the Particularly Sensitive Sea Area (PSSA) in Kukup Island and Piay Bay, as the two countries have yet to reach an agreement on settling their borders.

Saudia Arabia to start testing ballast water samples. By Paul Gunton.

Marine Propulsion & Auxiliary Machinery. 9 August 2017. Available from:

http://www.mpropulsion.com/news/view,saudia-arabia-to-start-testing-ballast-water-samples_48759.htm

From next Wednesday (16 August), all ships arriving at Saudi ports and terminals from international waters will be required to provide a ballast water sample and a report, according to advice issued to its customers by Inchcape Shipping Services (ISS).

2020 Regs Doing Little for the Uptake of LNG Bunkers, Scrubbers, or Alternative Fuels, a New Report Finds. Ship & Bunker. 10 August 2017. Available from:

<https://shipandbunker.com/news/world/234924-2020-regs-doing-little-for-the-uptake-of-lng-bunkers-scrubbers-or-alternative-fuels-a-new-report-finds>

The upcoming 0.50% global sulfur cap on marine fuel set to come into force in 2020 is doing little to help the uptake of liquefied natural gas (LNG) bunkers, other alternative marine fuels, or scrubbers, a new report released today has found.

Slow Steaming to 2020: Innovation and Inertia in Marine Transport and Fuels.

By Antoine Half. *Columbia University (US) Center on Global Energy Policy*. 10 August 2017.

Available from: <http://energypolicy.columbia.edu/publications/report/slow-steaming-2020-innovation-and-inertia-marine-transport-and-fuels>

Senior Research Scholar Antoine Half explores the outlook for marine bunkers and the impact of new environmental restrictions to come into effect January 2020 that aim to reduce sulfur oxide (SOx) emissions from ships.

[Report](#) 

ABS Report Reveals Key Insights into Ballast Water Management Systems.

ABS (American Bureau of Shipping). 10 August 2017. Available from:

<https://ww2.eagle.org/en/news/press-room/2017/ABS-Report-Key-Insights-Ballast-Water-Management-Systems.html>

ABS-led workshop leads to comprehensive survey of ballast water treatment systems, providing snapshot of industry compliance progress.

Increased regulation boosts noise and vibration clampdown. By Rebecca Moore.

Passenger Ship Technology. 14 August 2017. Available from:

http://www.passengership.info/news/view,increased-regulation-boosts-noise-and-vibration-clampdown_48788.htm

An increase in the regulatory drive on noise and vibration in both crew space and underwater has led to a bigger focus on these areas by ship operators.

Fiji follows convention. By Repeka Nasiko. *Fiji Times*. 17 August 2017. Available from:

<http://www.fijitimes.com/story.aspx?id=412917>

Fiji is one of 12 countries of the Pacific Meteorological Council (PMC) that has complied with the International Convention for the Safety of Life at Sea (SOLAS).

Tackling change. Engineer Live. 21 August 2017. Available from:

<http://www.engineerlive.com/content/tackling-change> Andy Roberts outlines how refiners can work towards compliance with the IMO's new bunker fuel sulphur limits.

Delaying ballast water compliance buys shippers time. By Eva Grey.

Ship-Technology.Com. 28 August 2017. Available from: <http://www.goo.gl/BcjEuXh>

In July, the International Maritime Organization (IMO) held its 71st session of the Marine Environment Protection Committee (MEPC), where flag states discussed shipping's environmental agenda in the years to come.

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

American Journal of Transportation (AJOT). 28 August 2017. Available from:

<https://www.ajot.com/news/new-low-sulfur-requirements-for-marine-bunker-fuels-causing-scramble>

The International Maritime Organization (IMO) recently confirmed that global refiners and shippers must comply with new regulations to reduce the sulfur content in marine bunker fuels by January 2020—five years earlier than many expected.

SALVAGE

Fuel Removal from Grounded *Kea Trader* Could Be Completed Next Week.

World Maritime News. 2 August 2017. Available from: [http://worldmaritimenews.com/archives/226430/fuel-](http://worldmaritimenews.com/archives/226430/fuel-removal-from-grounded-kea-trader-could-be-completed-next-week/)

[removal-from-grounded-kea-trader-could-be-completed-next-week/](http://worldmaritimenews.com/archives/226430/fuel-removal-from-grounded-kea-trader-could-be-completed-next-week/) Twenty-one days after the grounding of *Kea Trader* on a reef off New Caledonia, the removal of heavy fuel oil from the 2017-built containership is now underway and could be completed next week, Lomar Shipping, the ship's owner, informed.

Fuel removal from stranded Lomar boxship completed. By Jason Jiang.

Splash 24/7. 11 August 2017. Available from: [http://splash247.com/fuel-removal-stranded-lomar-boxship-](http://splash247.com/fuel-removal-stranded-lomar-boxship-completed/)

[completed/](http://splash247.com/fuel-removal-stranded-lomar-boxship-completed/) Work to extract 750 tonnes of heavy fuel oil from Lomar Shipping's stranded container ship *Kea Trader* has been completed and efforts are already underway to remove containers from the vessel.

Lost crew of 18th Century Dutch treasure ship found off coast of Kent.

By Sarah Knapton. *The Telegraph*. 18 August 2017. Available from:

[http://www.telegraph.co.uk/science/2017/08/17/lost-crew-18th-century-dutch-treasure-ship-](http://www.telegraph.co.uk/science/2017/08/17/lost-crew-18th-century-dutch-treasure-ship-found-coast-kent/)

[found-coast-kent/](http://www.telegraph.co.uk/science/2017/08/17/lost-crew-18th-century-dutch-treasure-ship-found-coast-kent/) The lost crew of an 18th century Dutch merchant ship has been found by marine archaeologists who were racing against time to preserve the wreck before it is destroyed forever by an invasive sea worm.

SEAFARERS

House approves Magna Carta of Filipino Seafarers on final reading.

Philippine News Agency. 28 July 2017. Available from: <http://www.pna.gov.ph/articles/1003486>

The House of Representatives has unanimously approved on third and final reading the proposed Magna Carta of Filipino Seafarers.

New Infographic: An introduction to Human Rights at Sea.

Human Rights at Sea (HRAS). 29 July 2017. Available from: [https://www.humanrightsatsea.org/new-infographic-an-](https://www.humanrightsatsea.org/new-infographic-an-introduction-to-human-rights-at-sea/)

[introduction-to-human-rights-at-sea/](https://www.humanrightsatsea.org/new-infographic-an-introduction-to-human-rights-at-sea/)  Human Rights at Sea has now added an accompanying infographic to its new free to download first educational film titled: "An introduction to Human Rights". [Infographic](#)  [Human Rights at Sea Educational Videos](#) 

Maritime workers to confront shipping companies over MLC 2006 non-implementation.

Nigerian Tribune. 3 August 2017. Available from: [http://tribuneonline.ng.com/maritime-workers-](http://tribuneonline.ng.com/maritime-workers-confront-shipping-companies-mlc-2006-non-implementation/)

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

Fair treatment of seafarers can be a reality. *Lloyd's List*. 7 August 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL110762/Fair-treatment-of-seafarers-can-be-a-reality> Change is in the air regarding the fair treatment of seafarers, says Hilton Staniland, professor of maritime law at the Institute of Maritime Law, University of Southampton and member of the Seafarers' Rights International Advisory Board.

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

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

Interview: Do Seafarers Really Matter? *World Maritime News*. 14 August 2017. Available from: <http://worldmaritimenews.com/archives/226583/interview-do-seafarers-really-matter/> Interview with Katie Higginbottom, ITF - However, seafarers across the globe still face various challenges when they venture out to sea ranging from poor communication provision, including lack of internet connection, continuous stress, fatigue, long working hours, and isolation.

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

Over 1,300 seafarers abandoned in five years. *World Maritime News*. 22 August 2017. Available from: <http://worldmaritimenews.com/archives/227230/> Over the last five years, 12 to 19 crew abandonment incidents were reported annually and 1,013 seafarers were involved in total, the International Labour Organization (ILO) told World Maritime News.

Seafarers UK calls on UK Government to make Merchant Navy Day 'official' across the UK. *Seafarers UK*. 22 August 2017. Available from: <http://www.seafarers.uk/news/seafarers-uk-calls-on-uk-government-to-make-merchant-navy-day-official-across-the-uk/> The Red Ensign has since 1854 been the official flag of the British Merchant Navy, flown on 'UK-flagged' vessels of all sizes, from workboats and superyachts to container ships, fuel tankers and cruise liners.

Suicide at Sea - Special Maritime OB. *BBC World Service*. 25 August 2017. Available from: <http://www.bbc.co.uk/programmes/w172vhzw4y02k7r>  Dan Damon reports live from Southampton docks in southern England on the rising rates of mental health issues and suicides amongst people working at sea and on the threats of piracy to mariners in this globally vital but sometimes under reported industry.

Why has the threat of Somali piracy lessened? *BBC World Service*. 25 August 2017. Available from: <http://www.bbc.co.uk/programmes/p05d9cxn>  Somali piracy was a big threat to seafarers before 2011, but that threat has diminished in recent years. Dan Damon spoke to Jamal Osman, a freelance Somali journalist who knows pirates better than most.

From the Bridge: Captains balance compassion, duty when crew die. By Dorie Cox.

The Triton. 28 August 2017. Available from: <http://www.the-triton.com/2017/08/from-the-bridge-captains-balance-compassion-duty-when-crew-die/> The death of a yacht crew member is not a topic most people want to discuss over lunch, but recent obituaries spurred the question of how yacht captains handle such incidents.

Rough seas for the Philippine seafaring sector. By Brenda V. Pimentel. Manila Times.

26 August 2017. Available from: <http://www.manilatimes.net/rough-seas-philippine-seafaring-sector-2/346825/> As I mentioned last week, the planned transfer of MARINA's seafaring functions to the proposed DMD will have possible adverse effects on the deployment of Filipino seafarers on ships plying international waters.

More skilled seafarers required worldwide: IMO gen secy. Daily Observer (Bangladesh).

27 August 2017. Available from: <http://www.observerbd.com/details.php?id=92105> Visiting International Maritime Organization (IMO) Secretary-General Kitack Lim on Sunday stressed creating more skilled and trained seafarers for developing shipping industry in Bangladesh.

Libya says detained Filipino seafarers being treated well.

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

Nine Kenyan seafarers stranded in Malaysia for a year. By Brian Otieno. The Star (Kenya)

. 28 August 2017. Available from: https://www.the-star.co.ke/news/2017/08/28/nine-kenyan-seafarers-stranded-in-malaysia-for-a-year_c1624290 Nine Kenyan seafarers have been stranded in Malaysia for a year with no money and are in dire need of help.

Fishing ship crew supported in Kenya. Apostleship of the Sea (AoS). 31 August 2017.

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

Peterhead FC to host stranded Malaviya Seven sailors. BBC News. 30 August 2017.

Available from: <http://www.bbc.co.uk/news/uk-scotland-north-east-orkney-shetland-41095020> The *Malaviya Seven* was detained in June last year as crew members had not been paid.

Ship detained in Gloucestershire after officials find conditions 'close to modern day slavery'. SouthWest Business (UK). 31 August 2017. Available from:

<http://www.goo.gl/9myiyQh> Concerned officials have detained a troubled ship in Gloucestershire after its crew were living off sea water and out of date food.

SEARCH AND RESCUE

Q&A: Why MSF didn't sign the Code of Conduct for Search and Rescue. *Médecins Sans Frontières (MSF)*. 2 August 2017. Available from: <http://www.msf.org/en/article/ga-why-msf-didn%E2%80%99t-sign-code-conduct-search-and-rescue> After a welcome, albeit short, discussion and amendment process on the Code of Conduct, MSF concluded that the organisation was unable to sign the code as several of its key concerns and requests have remained unanswered.

Theresa May urged to help in the search for missing *Stellar Daisy* crew.

By Sam Chambers. *Splash* 24/7. 8 August 2017. Available from: <http://splash247.com/theresa-may-urged-help-search-missing-stellar-daisy-crew/> Theresa May, the British prime minister, is being urged to help out in the ongoing search for missing 22 crew from sunken ore carrier *Stellar Daisy*.

German NGO halts migrant rescue operations off Libya. *The Local (Germany)*.

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

Australian agency believes it can locate MH370 with 'unprecedented precision'.

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

Coast Guard reintroduces shipboard diving capabilities to Arctic. *US Coast Guard*.

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

Joint Coast Guard-Navy dive team conduct cold water ice dives in the Arctic.

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

TK Foundation Supports IMRF's African SAR Development. *Maritime Executive*.

20 August 2017. Available from: <https://maritime-executive.com/article/tk-foundation-supports-imrfs-african-sar-development> The International Maritime Rescue Federation (IMRF) has been awarded \$450,000 by The TK Foundation to support its work building maritime search and rescue (SAR) capability in Africa.

Life-savers MOAS vow to continue mission at sea, three years on. **By Matthew Vella.**

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

Lifeboat survival tests above the Arctic Circle. *Maritime Executive*. 23 August 2017.

Available from: <http://maritime-executive.com/features/photos-lifeboat-survival-tests-above-the-arctic-circle-1> As of January 1, the IMO Polar Code requires that for each journey in the polar region, a risk analysis must be undertaken to assess and mitigate potential hazards, proving compliance with the code.

SHIPBUILDING AND SHIPREPAIR

Hyundai Heavy wins \$600 mil. shipbuilding deal. By Jhoo Dong-chan. *Korea Times*.

31 July 2017. Available from: http://www.koreatimes.co.kr/www/tech/2017/07/693_233904.html Hyundai Heavy Industries (HHI) has clinched a shipbuilding deal worth up to 673.1 billion won (\$600 million) from Vitol, one of the world's largest energy suppliers.

S. Korea retakes top spot in global ship orders in July. *Yonhap News Agency (South Korea)*. 9 August 2017. Available from:

<http://english.yonhapnews.co.kr/news/2017/08/09/0200000000AEN20170809006500320.html> South Korean shipyards recaptured the No. 1 position in new orders worldwide in July amid a plunge in overall numbers, outpacing Chinese rivals, industry data showed Wednesday.

Sir David Attenborough polar science vessel takes shape. By Jonathan Amos.

BBC News. 30 August 2017. Available from: <http://www.bbc.co.uk/news/science-environment-41098540> The Birkenhead yard received the rear section of the *Sir David Attenborough* on a sea-barge at the weekend from Northeast subcontractor A&P Tyne.

SHIPPING

Shipping must not ignore new revenue standard. By David Chopping. *Moore Stephens*.

27 July 2017. Available from: <https://www.moorestephens.co.uk/news-views/july-2017/shipping-must-not-ignore-new-revenue-standard> The new accounting standard IFRS 15, Revenue from Contracts with Customers, comes into force from 1 January 2018.

Marine Industry Will Ultimately Acknowledge and Use Scrubbers for 2020: Quadrise.

Ship & Bunker. 1 August 2017. Available from: <https://shipandbunker.com/news/world/252019-marine-industry-will-ultimately-acknowledge-and-use-scrubbers-for-2020-quadrise> Quadrise Fuels International plc (Quadrise) today has reiterated its belief that the shipping industry will ultimately choose to use scrubbers in conjunction with burning HFO when the global 0.50 percent sulfur cap on marine fuel goes into force in 2020.

Hong Kong startup launches blockchain project designed to transform container shipping. By Sam Chambers. *Splash 24/7*. 1 August 2017. Available from:

<http://splash247.com/hong-kong-startup-launches-blockchain-project-designed-transform-container-shipping/> 300cubits announced it will conduct its initial token sale of its brand new crypto currency called TEU on August 16.

First Unescorted LNG Ship Transits Northern Sea Route. *World Maritime News*.

31 July 2017. Available from: <http://worldmaritimeneews.com/archives/226280/first-unescorted-lng-ship-transits-northern-sea-route/> *Christophe de Margerie*, the world's first ice-breaking liquefied natural gas (LNG) tanker, has embarked on a voyage through the Northern Sea Route (NSR) to Boryeong in South Korea where it will deliver a cargo for Total Gas & Power.

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

Splash 24/7. 2 August 2017. Available from: <http://splash247.com/social-media-increasingly-driving-shipping-news-agenda/> Shipping journalists are increasingly using social media to source news leads, a survey out today reveals.

Maritime chokepoints are critical to global energy security.

US Energy Information Administration (EIA). 1 August 2017. Available from: <https://www.eia.gov/todayinenergy/detail.php?id=32292> The U.S. Energy Information Administration has released its 2017 World Oil Transit Chokepoints report.
[Overview](#) [Report](#) 

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

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

Maritime UK calls for public spending on National Maritime Research Centre.

By Helen Kelly. *Lloyd's List*. 3 August 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL110719/Maritime-UK-calls-for-public-spending-on-National-Maritime-Research-Centre> Maritime UK has called on the British government to fund a National Maritime Research Centre as part of its post-Brexit Industrial Strategy.

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

4 August 2017. Available from: <http://www.ghanaweb.com/GhanaHomePage/business/Ghana-Chamber-of-shipping-to-champion-interest-of-shipping-industry-566173> The Ghana Chamber of Shipping, a new trade association in the country will seek to champion the interest of the shipping industry and bring together the main stakeholders in the industry from both the demand and supply side.

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

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

Automation key to tackling maritime skills crisis. Seatrade Maritime News. 9 August 2017.

Available from: <http://www.seatrade-maritime.com/news/middle-east-africa/automation-key-to-tackling-maritime-skills-crisis.html> A perfect storm of retiring baby-boomers and the ongoing global economic downturn, are causing the number of skilled seafarers in the global industry to shrink dramatically, but attendees at Seatrade Offshore Marine & Workboats Middle East (SOMWME) will hear from an expert panel of speakers how automation and advances in connectivity could solve the looming skills crisis.

Center for Strategic Development to determine Russia's demand for super nuclear-powered icebreakers. The Arctic (Russia). 8 August 2017. Available from:

<http://arctic.ru/infrastructure/20170808/653485.html> The Center for Strategic Development, whose board chairman is former finance minister Alexei Kudrin, will evaluate Russia's demand for new-generation super-heavy nuclear-powered icebreakers Lider (Project 10510) for the purposes of freight transportation along the Northern Sea Route.

Panama's Cabinet Council Approves Panama Canal Tolls Structure Modifications.

Panama Canal Authority. 8 August 2017. Available from:

<https://www.pancanal.com/eng/pr/press-releases/2017/08/08/pr631.html> The Cabinet Council of the Republic of Panama officially approved a proposal to modify the Panama Canal tolls structure, following a recommendation from the Panama Canal Authority (ACP) Board of Directors.

Indian Register of Shipping gains major recognitions from US Coast Guard and European Union. *Indian Register of Shipping (IRClass).* 7 August 2017. Available from:

<http://www.irclass.org/media-and-publications/news/indian-register-of-shipping-gains-major-recognitions-from-us-coast-guard-and-european-union/> Leading Classification Society Indian Register of Shipping (IRClass) has gained important recognitions from US Coast Guard as well as European Union.

The Arctic's fabled passage is opening up. This is what it looks like. *By Chris Mooney.*

Washington Post. 7 August 2017. Available from:

<https://www.washingtonpost.com/news/energy-environment/wp/2017/08/07/the-arctics-fabled-passage-is-opening-up-this-is-what-it-looks-like/> The Canadian icebreaker — a ship about as long as a football field — shudders as it makes contact, and then crashes through what appears to be more than five feet of ice, bound for a stretch of ocean the scientists on board have been trying to study for years.

Spectre of oversupply haunts chemical shipping. *Drewry Shipping Consultants.*

7 August 2017. Available from: <https://www.drewry.co.uk/news/spectre-of-oversupply-haunts-chemical-shipping> The shipping fleet trading in chemical and vegoil markets is expected to accelerate at a much faster pace than demand, weakening earning prospects, according to the latest edition of the Chemical Forecaster, published by global shipping consultancy Drewry.

Guangzhou introduces subsidies to attract shipping services. *By Jason Jiang.*

Splash 24/7. 9 August 2017. Available from: <http://splash247.com/guangzhou-introduces-subsidies-attract-shipping-services/> The Guangzhou government has introduced a new subsidy policy to attract shipping service companies in the city as part of its efforts to develop as an international shipping centre.

Bangladesh and Sri Lanka to intensify Bilateral and Regional Cooperation.

Government of Sri Lanka. 8 August 2017. Available from:

<http://www.mfa.gov.lk/index.php/en/missions/mission-activities/7102-bangladesh-and-sri-lanka-to-intensify-bilateral-and-regional-cooperation> During discussions Hon. Vasantha Senanayake, State Minister of Foreign Affairs, Sri Lanka, had with H.E. Abul Hassan Mahmood Ali, Minister of Foreign Affairs of Bangladesh on 07 August 2017, the two countries agreed to progress on the decisions taken during the recent State Visit to Bangladesh of H.E. the President Maithripala Sirisena.

Euronav says ballast water convention delay to have little impact on tanker market.

By Marcus Hand. Seatrade Maritime News. 11 August 2017. Available from:

<http://www.seatrade-maritime.com/news/europe/euronav-says-ballast-water-convention-delay-to-have-little-impact-on-tanker-market.html> Tanker owner Euronav says the delay in implementation of the IMO's Ballast Water Management (BWM) Convention for all large tankers by two years will have little impact on the market.

War Threat in Korea Exposes Artery of Global Commodities Trade. *Bloomberg.*

11 August 2017. Available from: <https://www.bloomberg.com/news/articles/2017-08-11/commodity-trade-s-asian-artery-exposed-by-north-korea-tensions>

Should U.S. President Donald Trump unleash "fire and fury" on North Korea, it will bring conflict to the core of the global commodity trade.

Exploiting the advantages of being energy independent. *Green Port.* 10 August 2017.

Available from: <http://www.greenport.com/news101/Projects-and-Initiatives/energy-independent-vessels-move-closer-to-development>

Shippers are exploring wind and solar power as they strive to reduce fuel consumption and emissions by becoming more energy independent.

Ballast Water Management Rules to Impact the Tanker Market . *By Nikos Roussanoglou.*

Hellenic Shipping News. 14 August 2017. Available from:

<http://www.hellenicshippingnews.com/ballast-water-management-rules-to-impact-the-tanker-market/>

Tanker owners are faced with some very important decisions moving forward, as they will be faced with the dilemma of whether it makes financial sense to retrofit their older vessels or just sell them for demolition.

Disruption is Coming to the Shipping Industry. *By Frank Coles, CEO, Transas.*

Maritime Executive. 13 August 2017. Available from: <http://www.maritime-executive.com/editorials/disruption-is-coming-to-the-shipping-industry>

This year's Nor-Shipping was abuzz with an assortment of technological jargon and concepts, many promising operational savings that verge on the magical.

Political Pressure Means Shipping Must Act on Reducing Emissions Regardless of the Actual Environmental Benefits: Ship Efficiency Expert. *By Nikos Petrakakos.*

Ship & Bunker. 15 August 2017. Available from: <http://www.goo.gl/JkJFRbh> The Shipping industry must act on reducing its emissions even if the environmental benefits are zero, ship efficiency expert Nikos Petrakakos has told Ship & Bunker.

Students design autonomous containers to disrupt sea freight of aquaculture products.

By Emily Woodgate. *DNV GL.* 15 August 2017. Available from:

<https://www.dnvgl.com/news/students-design-autonomous-containers-to-disrupt-sea-freight-of-aquaculture-products-99043>

The seafood industry must comply with increasingly strict demands of consumers on sustainable seafood production.

Belt and Road Initiative: Connecting China, Hong Kong and Malaysia – Part 1.

By Charles F Moreira. *Enterprise TV (Malaysia).* 17 August 2017. Available from:

<http://www.enterprisetv.com.my/belt-and-road-initiative-connecting-china-hong-kong-and-malaysia-part-1/>

Malaysia supports the Belt and Road Initiative (China's One Belt, One Road initiative), as it will enhance trade between Malaysia, China, Hong Kong and other countries along the road, Malaysian External Trade Development Corporation (MATRADE) Chief Executive Officer, Dr. Mohd. Shahreen Zainooreen Madros told the Belt and Road Initiative: Connecting China, Hong Kong and Malaysia business forum on 9 August 2017.

MRV made easy by new functionality in NAPA performance monitoring systems. *NAPA*

Group. 16 August 2017. Available from: <https://www.napa.fi/News/Press-Releases/MRV-made-easy-by-new-functionality-in-NAPA-performance-monitoring-systems>

NAPA, a world leading maritime software, services and data analysis provider, has updated its performance monitoring and reporting systems to enable simple, straightforward compliance with EU Monitoring, Reporting and Verification (MRV) legislation.

LR joins project to build world's biggest sailing cargo ship. *Lloyd's Register.*

16 August 2017. Available from: <http://www.lr.org/en/news-and-insight/news/lr-joins-project-to-build-worlds-biggest-sailing-cargo-ship.aspx> LR has joined the Quadriga sustainable shipping project – an initiative from Hamburg-based Sailing Cargo, which aims to build the world's biggest sailing cargo ship.

Cloud-technology revolutionises fleet and crew management at Norddeutsche Reederei

H. Schuldt. *Hellenic Shipping News.* 18 August 2017. Available from:

<http://www.hellenicshippingnews.com/cloud-technology-revolutionises-fleet-and-crew-management-at-norddeutsche-reederei-h-schuldt/> Cloud-technology introduced Cloud Fleet Manager as it recognised that sustainable competitive advantage in the future could among other things be achieved with the use of modern and intuitive software.

Russian nuclear-powered icebreaker sets Arctic speed record. *TASS Russian News*

Agency. 17 August 2017. Available from: <http://tass.com/science/960761> The 50 Years of Victory nuclear-powered icebreaker has set a speed record in the northern route, covering the distance from Murmansk to the North Pole in 79 hours.

Indian Navy's all-woman team gets set to sail around the world. *The Hindu (India).*

18 August 2017. Available from: <http://www.thehindu.com/news/cities/Delhi/indian-navys-all-woman-team-gets-set-to-sail-around-the-world/article19512721.ece> A six-member all-woman team of the Indian Navy will set sail in early September to circumnavigate the globe on the sailing vessel, *INSV Tarini*.

Carnival Corporation Launches Sustainability Website, Releases 2016 Sustainability Report. *Carnival Corporation & Plc.* 15 August 2017. Available from:

<http://www.carnivalcorp.com/phoenix.zhtml?c=200767&p=irol-newsArticle&ID=2293938> Dedicated sustainability site features new 2016 sustainability report detailing key initiatives and progress from the company and its 10 brands, furthering its strong commitment to corporate responsibility. [Sustainability from Ship to Shore - Report](#) 

Unblocking Blockchain & other technology wonders. **By Filip Kiscielecki, Claim Executive.** *UK P&I Club.* 10 August 2017. Available from:

<https://www.ukpandi.com/opinion/article/unblocking-blockchain-other-technology-wonders-139786/> With the enthusiastic and inevitable march of so called "FinTech" we are increasingly exposed to new 'concept terms' which are predicted to permanently settle into our daily vocabulary.

Cargo containers lost at sea are hard to count, track. **By Robert McCabe.** *Virginian-Pilot*

(US). 19 August 2017. Available from: <http://www.goo.gl/Kjr37sh> About 10 days ago, a cargo ship caught in rough swells off the Brazilian coast lost 45 shipping containers.

The End of Container Shipping: a Thought Experiment. **By Luc Castera.** *Maritime*

Executive. 19 August 2017. Available from: <http://maritime-executive.com/editorials/the-end-of-container-shipping-a-thought-experiment> What could happen in the future that would either completely wipe out the shipping industry as we know it... or massively disrupt it?

TEU tokens and blockchain may shape the future of container shipping contracts. **By**

Sam Whelan. *The Loadstar.* 18 August 2017. Available from: <https://theloadstar.co.uk/teu-tokens-blockchain-may-shape-future-container-shipping-contracts/> Blockchain initiative 300cubits has created a new type of cryptocurrency to solve liner shipping's US\$23bn "booking shortfall" conundrum.

Shipping firm blames fee hike on federal measures to protect right whales. *Chronicle Herald (Canada)*. 18 August 2017. Available from: <http://thechronicleherald.ca/business/1495639-shipping-firm-blames-fee-hike-on-federal-measures-to-protect-right-whales> A Newfoundland shipping firm is raising its fees, blaming higher costs because of federal measures taken to protect North Atlantic right whales after a series of deaths.

Sailing the ocean green: Shipping companies make their environmental impacts smaller. *By Craig Guillot. Global Trade Magazine*. 21 August 2017. Available from: <http://www.globaltrademag.com/features/sailing-ocean-green> The shipping industry hasn't always had the best environmental reputation.

Belt and road initiative: Connecting China, Hong Kong and Malaysia – Part 2. *By Charles F Moreira. Enterprise TV (Malaysia)*. 21 August 2017. Available from: <http://www.enterprisetv.com.my/belt-and-road-initiative-connecting-china-hong-kong-and-malaysia-part-2/> Hong Kong has a vibrant startup ecosystem which saw the total number of startups grow from 1,558 in 2015 to 1,926 in 2016 and the total number of startup staff (including employees and founders) increase from 3,721 to 5,229 between these two years.

NISA commends NIMASA NCCS initiative ... as Dakuku extols the role of ship owners to the maritime sector. *By Isichei Osamgbi. Nigerian Maritime Administration and Safety Agency (NIMASA)*. 21 August 2017. Available from: <http://www.nimasa.gov.ng/press-center/post/nisa-commends-nimasa-nccs-initiative-as-dakuku-extols-the-role-of-ship-owners-to-the-maritime-sector> The recent moves by the Nigerian Maritime Administration and Safety Agency (NIMASA) to ensure full implementation of the Cabotage Act, 2003 through the New Cabotage Compliance Strategy (NCCS) has continued to receive commendation from Stakeholders.

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

Warming Arctic spurs battles for riches, shipping routes. *By Frank Jordans. Associated Press (AP)*. 23 August 2017. Available from: <https://www.apnews.com/b5c7212832c54eb497dbe3fc82436dde> From a distance, the northern shores of Baffin Island in the Arctic appear barren — a craggy world of snow-capped peaks and glaciers surrounded by a sea of floating ice even in the midst of summer.

Hapag-Lloyd Cruises' Bremen receives Polar Code certificate. *By Mary Bond. Seatrade Cruise News*. 21 August 2017. Available from: <http://www.seatrade-cruise.com/news/news-headlines/hapag-lloyd-cruises-bremen-receives-polar-code-certificate.html> Certain technical modifications have to be carried out on board existing ships in order to meet the requirements of the Polar Code - The International Code for Ships Operating in Polar Waters adopted by the International Maritime Organization.

Liburd: International shipping major contributor to region's economic growth. *By Angela H. Cutrer. St. Kitts & Nevis Observer*. 23 August 2017. Available from: <http://www.thestkittsnevisobserver.com/local-news/liburd-international-shipping-major-contributor-to-regions-economic-growth/> The pace of economic growth and development in St. Kitts and Nevis and the wider Caribbean region can be attributed to the ongoing role and contribution of the international shipping industry, according to the minister of transport, the Honourable Ian Liburd.

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

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

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

Women in shipping: pushing for gender diversity. By Eva Grey. *Ship-Technology.Com*. 23 August 2017. Available from: <http://www.ship-technology.com/features/featurewomen-in-shipping-pushing-for-gender-diversity-5907538> The shipping sector is at a crossroads.

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

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

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

Is going slow the answer to shipping's emissions mission? By Nigel Lowry. *Lloyd's List*. 25 August 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL111073/Is-going-slow-the-answer-to-shippings-emissions-mission> Shipping could achieve a huge chunk of its long-term emissions reduction obligations overnight if vessels were obliged to slow down, a leading Greek shipowner has said.

Positive step forward. By Sikeli Qounadovu. *Fiji Times*. 30 August 2017. Available from: <http://www.fijitimes.com/story.aspx?id=414470> The World Ocean Council is encouraged by the global shipping industry and that it is heading in the right direction by making progress in an effort to reduce its carbon footprints.

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

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

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

Iran to launch new oil spill response vessel in December. *Tasnim News Agency (Iran)*. 30 August 2017. Available from: <https://www.tasnimnews.com/en/news/2017/08/30/1506179/iran-to-launch-new-oil-spill-response-vessel-in-december> The Iranian oil spill response vessel (OSRV) is designed to remove oil spills from shallow waters in the Persian Gulf and the Sea of Oman, Farhad Montaser Kouhdari, an official at the PMO said Tuesday.

RESEARCH

High mortality of blue, humpback and fin whales from modelling of vessel collisions on the U.S. West Coast suggests population impacts and insufficient protection. By R. C. Rockwood, J. Calambokidis et al. *PLOS ONE*. (2017). Available from: <https://doi.org/10.1371/journal.pone.0183052> Mortality from collisions with vessels is one of the main human causes of death for large whales.

Assessing ExxonMobil's climate change communications (1977–2014). By Geoffrey Supran and Naomi Oreskes. *Environmental Research Letters*. (2017). Available from: <http://stacks.iop.org/1748-9326/12/i=8/a=084019> This paper assesses whether ExxonMobil Corporation has in the past misled the general public about climate change.

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

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

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

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About the cover

The CAB Cover is a photograph of the international memorial to the world's seafarers, past, present and future which graces the entrance to IMO Headquarters in London. The memorial, a seven-metre high, ten-tonne bronze representation of the bow of a cargo ship with a lone seafarer on the deck, is the work of internationally renowned British sculptor Michael Sandle.