

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE

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About the MKC Current Awareness Bulletin (CAB)

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

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

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IMO / UNITED NATIONS NEWS & EVENTS

WHAT'S NEW

IMO moves ahead with oceans and climate change agenda

Marine Environment Protection Committee (MEPC), 71st session 3-7 July 2017

The International Maritime Organization (IMO), the United Nations agency charged with regulating international shipping, has progressed its environmental agenda at the recent meeting of its Marine Environment Protection Committee (MEPC), 71st session (3-7 July). The Committee clarified the ballast water management schedule, progressed GHG and air pollution issues, adopted new NOx emission control areas, designated a further Particularly Sensitive Sea Area and agreed to work on implementation of the 0.50% global sulphur limit.

This work is helping IMO to fulfil its mandate to protect oceans and human health and to mitigate climate change, in line with the UN Sustainable Development Goals (SDGs), particularly SDG 14 (oceans) and SDG 13 (climate change).

Ballast Water Management Convention clarity

The MEPC agreed a practical and pragmatic implementation schedule for ships to comply with the IMO Ballast Water Management (BWM) Convention, which aims to stem the transfer of potentially invasive species in ships' ballast water. [Full Story: Briefing 17 - 11/07/2017](#)

IMO MEETINGS FOR 2017

Council (24/07/2017 – 28/07/2017)

Technical Cooperation Committee (TCC) (17/07/2017 – 19/07/2017)

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

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

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Technical Cooperation Committee, 67th session, 17-19 July ([Opening](#) and [Closing](#) address)

[2017 IAMU Student Forum at IMO](#)
11 July 2017

Marine Environment Protection Committee (MEPC), 71st session, 3-7 July ([Opening](#) and [Closing](#) address)

UNITED NATIONS NEWS

Latest ballistic missile launch by DPR Korea a 'dangerous escalation of the situation' – UN chief. *UN News Centre* [Online]. 4 July 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=57116> Strongly condemning today's launch of a ballistic missile of possible intercontinental range by the Democratic People's Republic of Korea (DPRK), United Nations Secretary-General António Guterres has underscored that the country's leadership must cease such actions and comply fully with its international obligations.

UN official urges Security Council to delink political, humanitarian concerns in response to DPR Korea missile launch. *UN News Centre* [Online]. 5 July 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=57124> Briefing an emergency meeting of the Security Council convened following the launch by the Democratic People's Republic of Korea (DPRK) of a ballistic missile of intercontinental range, a senior United Nations official reminded the Council of the importance of separating political and humanitarian concerns as it considers a response to the situation.

CASUALTIES

Crewman dead in tanker sinking. By Gary Dixon. *TradeWinds* [Online]. 30 June 2017.

Available from: <http://www.tradewindsnews.com/tankers/1295502/crewman-dead-in-tanker-sinking> The 6,800-dwt *Rama 2* (built 1989) issued a mayday signal on 26 June 120 miles off Socotra Island, the naval partnership Combined Maritime Force (CMF) said in a statement.

Collision in the Dover Strait. *UK Maritime & Coastguard Agency* [Online]. 1 July 2017.

Available from: <http://hmcoastguard.blogspot.co.uk/2017/07/collision-in-the-dover-strait.html>

The UK Coastguard was contacted at just after 2.00 this morning to report that a bulk carrier and an oil tanker had been in collision in the Dover Strait.

Philippine troops find beheaded Vietnam sailors. By Dale Wainwright. *TradeWinds*

[Online]. 5 July 2017. Available from:

<http://www.tradewindsnews.com/casualties/1298807/philippine-troops-find-beheaded-vietnam-sailors> Philippine soldiers are reported to have discovered what they believe are the decapitated bodies of two Vietnamese sailors.

Container Feeder Goes Aground in New Caledonia. *Maritime Executive* [Online].

12 July 2017. Available from: <http://www.maritime-executive.com/article/container-feeder-goes-aground-in-new-caledonia> In the early hours of June 12, the newly built container feeder *Kea Trader* went aground at Durand Reef, 50 nm to the southeast of the island of Mare, New Caledonia.

7 dead or missing after Vietnamese ship sinks in tropical storm. *VnExpress (Vietnam)*

[Online]. 17 July 2017. Available from: <http://e.vnexpress.net/news/news/7-dead-or-missing-after-vietnamese-ship-sinks-in-tropical-storm-3614520.html> ☠️

At least one man has died and six more are missing from a cargo ship that went down off Vietnam's central coast on Monday in the middle of a tropical storm.

Six feared dead after cargoship sinks. By Gary Dixon. *TradeWinds* [Online]. 17 July 2017.

Available from: <http://www.tradewindsnews.com/drycargo/1309226/six-feared-dead-after-cargoship-sinks> One crewman has died and another five were missing after a cargoship sank off Vietnam.

More than 30 missing after Cameroon military boat sinks. By Josiane Kouagheu. Reuters [Online]. 17 July 2017. Available from:

<http://af.reuters.com/article/africaTech/idAFKBN1A200O-OZATP> More than 30 people are missing after a boat belonging to an elite Cameroonian military unit sank off the coast on Sunday, the president's office said.

Accident Investigation Report 16/2017: Girting and capsize of tug *Domingue* while assisting container ship *CMA CGM Simba* with loss of 2 lives. UK Marine Accident Investigation Branch (MAIB) [Online]. 19 July 2017. Available from: <https://www.gov.uk/maib-reports/girting-and-capsize-of-tug-domingue-while-assisting-container-ship-cma-cgm-simba-with-loss-of-2-lives> The tug *Domingue* girted and capsized while assisting the container ship *CMA CGM Simba* departing from the port of Tulear, Madagascar. [Report](#) 

FM requests Brazil for additional search for missing crew of cargo ship [*Stellar Daisy*]. Yonhap News Agency (South Korea) [Online]. 19 July 2017. Available from: <http://english.yonhapnews.co.kr/news/2017/07/19/0200000000AEN20170719010800320.html> The country's top diplomat on Wednesday asked her Brazilian counterpart to carry out an additional search operation for crew members who are missing from an ill-fated South Korean cargo ship, the foreign ministry said.

Freighter Lists, Spills Cargo, Then Strikes Dock. Maritime Executive [Online]. 18 July 2017. Available from: <http://maritime-executive.com/article/freighter-lists-spills-cargo-then-strikes-dock> On Friday afternoon, the general cargo vessel *Mosvik* (ex-name *Star Vita*) took on a list of thirty degrees near the Holtenau entrance to the Kiel Canal.

Fuel to be removed from grounded *Kea Trader*. By Gary Dixon. TradeWinds [Online]. 19 July 2017. Available from: <http://www.tradewindsnews.com/liner/1311163/fuel-to-be-removed-from-grounded-kea-trader> Authorities in New Caledonia have approved a plan to take fuel and lubricants off a new Lomar Shipping boxship that grounded on a reef on 12 July.

Crew members of cargo ship *ITT Panther*, which sank off Andaman Coast, rescued. By Sanjib Kimar Roy. New Indian Express [Online]. 20 July 2017. Available from: <http://www.goo.gl/7YPzJ> As the day was dawning on Thursday, *ITT Panther*, a cargo ship, sent its last communication. It was a distress call to the Coast Guards.

Danube cruiseship hit by blaze. By Jonathan Boonzaier. TradeWinds [Online]. 25 July 2017. Available from: <http://www.tradewindsnews.com/casualties/1314353/danube-cruiseship-hit-by-blaze> Austrian firefighters took two hours to put out a blaze that broke out on board German cruise operator A-ROSA Flussschiff's 1,850-gt river cruiseship *A-ROSA Riva* (built 2004) yesterday afternoon.

Two Chittagong dockworkers die unloading logs from *Precious* ship. By Sam Chambers. Splash 24/7 [Online]. 25 July 2017. Available from: <http://splash247.com/two-chittagong-dockworkers-die-unloading-logs-precious-ship/> The two men were helping unload logs from a *Precious* Shipping vessel, the *Latika Naree*.

Commercial ship crashes into UAE Naval Forces boat. Gulf News [Online]. 25 July 2017. Available from: <http://gulfnews.com/news/uae/emergencies/commercial-ship-crashes-into-uae-naval-forces-boat-1.2064096> The General Command of the UAE Armed Forces announced that a commercial ship crashed into a Naval Forces boat on Tuesday morning.

Captain of capsized fishing boat jumps from safety back into water to rescue crewman.
By Tegan Hanlon. *Alaska Dispatch News* [Online]. 26 July 2017. Available from:

<https://www.adn.com/alaska-news/2017/07/25/boat-captain-rescues-crewman-after-their-boat-capsizes-in-alaska-waters/> 📄 The captain of a commercial fishing boat jumped back into 47-

degree waters Monday to save one of his crewmen after their vessel capsized near Kodiak Island, according to a witness and the U.S. Coast Guard.

Marine Accident Investigation Branch Report 17/2017: Sinking of vivier crew boat *Louisa* with loss of 3 lives, 9 April 2016. *UK Marine Accident Investigation Branch (MAIB)* [Online]. 27

July 2017. Available from: <https://www.gov.uk/maib-reports/sinking-of-vivier-creel-boat-louisa-with-loss-of-3-lives> Fishing vessel *Louisa* (SY30) sank by the bow and foundered while at

anchor in Mingulay Bay. [Report](#) 📄 [Annexes](#) 📄 [Safety lessons: vessel maintenance, fatigue and risk perception](#) [MAIB Safety Flyer](#) 📄

ENVIRONMENT

Big Ships Asked To Slow Down To Reduce Noise For Iconic Whales. **By Tom Banse.**

KUOW Public Radio (US) [Online]. 29 June 2017. Available from: [http://kuow.org/post/big-](http://kuow.org/post/big-ships-asked-slow-down-reduce-noise-iconic-whales)

[ships-asked-slow-down-reduce-noise-iconic-whales](http://kuow.org/post/big-ships-asked-slow-down-reduce-noise-iconic-whales) 📄 Whale scientists think rising levels of underwater noise are having a harmful effect on the Northwest's iconic killer whales.

Pacific islanders: Shipping must comply with Paris climate goals. **By Moses Mose,**
Solomon Islands Ambassador to the European Union. *Climate Home* [Online]. 3 July 2017.

Available from: <http://www.climatechangenews.com/2017/07/03/pacific-islanders-shipping-must-comply-paris-climate-goals/> Representatives of four Pacific island nations join today at the IMO in London to ask the shipping industry to do its part to cut carbon emissions.

"Towards the ocean we need for the future we want" – IOC Member States raise call for Decade of Ocean Science. *UNESCO* [Online]. 29 June 2017. Available from:

<http://www.goo.gl/VVR8eR> Delegates joined high level panellists in a special discussion forum to share views on the proposal for an International Decade of Ocean Science for Sustainable Development (2021-2030).

The tax-free shipping company that took control of a country's UN mission.

By Margot Gibbs. *Climate Home* [Online]. 6 July 2017. Available from:

<http://www.climatechangenews.com/2017/07/06/tax-free-shipping-company-took-control-countrys-un-mission/> In 2015 Tony de Brum, then foreign minister of the Marshall Islands, came to the International Maritime Organisation (IMO) in London to deliver a simple message: international shipping must decarbonise or be responsible for destroying his country.

Two whales suffered blunt trauma, another killed by fishing gear: vet. *Chilliwack Times* (Canada) [Online]. 5 July 2017. Available from:

<http://www.chilliwacktimes.com/national/432650463.html> Injuries suffered by at least two of six North Atlantic right whales found floating lifeless in the Gulf of St. Lawrence appear to be consistent with ship strikes, marine mammal experts say.

World Bank official urges Caribbean countries to transit to blue economy.

Jamaica Observer [Online]. 5 July 2017. Available from:

http://www.jamaicaobserver.com/latestnews/World_Bank_official_urges_Caribbean_countries_to_transit_to_blue_economy A senior official of the World Bank said Wednesday that Caribbean countries have been more successful in reinventing themselves than some of the region's giants.

Right whale freed from fishing gear in Gulf of St. Lawrence north of P.E.I.

By Cassie Williams. *Canadian Broadcasting Corporation (CBC)* [Online]. 6 July 2017. Available from: <http://www.cbc.ca/news/canada/nova-scotia/right-whale-entangled-in-fishing-gear-1.4192514> Another right whale that had been entangled in fishing gear in the Gulf of St. Lawrence — where six of them died last month — has been freed.

Shipping can't follow Trump's lead and slow-steam on climate change.

By Terry Macalister. *TradeWinds* [Online]. 5 July 2017. Available from: <http://www.tradewindsnews.com/weekly/1298556/shipping-cant-follow-trumps-lead-and-slow-steam-on-climate-change> The Marshall Islands is the second-largest ship register in the world, accounting for 230 million tonnes of vessels on the water or on order.

Ocean vital signs are stable, but bill of health isn't clean. *National Center for Ecological Analysis and Synthesis (NCEAS)* [Online]. 5 July 2017. Available from:

<https://www.nceas.ucsb.edu/news/ocean-vital-signs-are-stable-no-clean-bill-health> A study by a team of researchers from NCEAS and Conservation International synthesized five years' worth of vital signs on a host of indicators – ranging from water quality to food provision to tourism potential – and found that while overall ocean health appears to be stable, the oceans around many of the 220 countries analyzed are changing, and in many cases not for the better.

Thai Union commits to more sustainable, socially-responsible seafood. *Thai Union Group Plc* [Online]. 11 July 2017. Available from: <http://www.thaiunion.com/en/newsroom/press-release/505/thai-union-commits-to-more-sustainable-socially-responsible-seafood> Thai Union Group PCL has committed to measures that will tackle illegal fishing and overfishing, as well as improve the livelihoods of hundreds of thousands of workers throughout the company's supply chains.

Unesco award of Global Champion of Ocean Science "Oceans 8". *Seychelles Nation* [Online]. 10 July 2017. Available from: <http://www.nation.sc/article.html?id=254795> 'Award represents Seychelles' hard work in promoting the Blue economy concept'.

'Make new rules' to save the oceans. **By Roger Harrabin.** *BBC News* [Online]. 12 July 2017. Available from: <http://www.bbc.co.uk/news/science-environment-40572676> A report to a UN ocean conference in New York points out that more than 60% of the ocean has no conservation rules as it's outside national jurisdiction.

One step closer to a climate agreement for shipping. *Danish Maritime Authority* [Online]. 10 July 2017. Available from: <https://www.dma.dk/Presse/Nyheder/Sider/One-step-closer-to-a-climate-agreement-for-shipping.aspx> After two weeks' intensive debate in the IMO, steps have been taken towards specific measures to reduce shipping's greenhouse gas emissions.

Evidence from latest right whale necropsy points to collision with ship.

Canadian Broadcasting Corporation (CBC) [Online]. 13 July 2017. Available from: <http://www.cbc.ca/news/canada/montreal/right-whale-necropsy-magdalen-islands-1.4204503> Preliminary results from necropsies performed on two North Atlantic right whales on the Magdalen Islands this week suggest one of them was involved in a collision with a ship.

Turkish seismic vessel to continue surveys in Mediterranean. *Daily Sabah (Turkey)* [Online]. 16 July 2017. Available from:

<https://www.dailysabah.com/business/2017/07/17/turkish-seismic-vessel-to-continue-surveys-in-mediterranean> The *Barbaros Hayreddin Pasa* vessel has set out to Güzelyurt in the Mediterranean, just northwest of the Cypriot island, to continue conducting seismic operations.

The Korean Spain Ocean Forum 2017. *All About Shipping* [Online]. 15 July 2017. Available from: <http://www.allaboutshipping.co.uk/2017/07/15/the-korean-spain-ocean-forum-2017/> Capt. Antonio M. Padrón, IMO Maritime Ambassador, participated in the KOREA SPAIN OCEAN FORUM 2017, acting as Chairman of the expert panel on "Cooperation in Maritime and Fisheries Matters".

New marine science review shows significant increase in understanding of ocean function and anthropogenic impacts. *High Seas Alliance* [Online]. 11 July 2017. Available from: <http://highseasalliance.org/content/press-release-new-marine-science-review-shows-significant-increase-understanding-ocean> As States meet at the United Nations for the final round of negotiations towards a possible high seas treaty, a new scientific review of recent ocean research shows more clearly than ever the importance of ocean services, its critical role to humankind and the rate and scale of the changes occurring due to climate change and other human impacts. [Function of the High Seas and Anthropogenic Impacts Science Update](#) 

The time to act is now. By Sikeli Qounadovu. *Fiji Times* [Online]. 18 July 2017. Available from: <http://www.fijitimes.com/story.aspx?id=409025> The global community now looks forward to the 23rd Conference of the Parties or COP23 which will be held in Bonn, Germany, later this year.

Fiji presidency must not fail climate change victims at "Pacific COP". By Makereta Waqavonovono and Julie-Anne Richards. *Climate Home* [Online]. 18 July 2017. Available from: <http://www.climatechangenews.com/2017/07/18/fiji-presidency-must-not-fail-climate-change-victims-pacific-cop/> When the strongest tropical cyclone to make landfall in the southern hemisphere struck the Fiji Islands on the afternoon of 20 February 2016, I was in my apartment in Central Suva.

Plastic pollution risks 'near permanent contamination of natural environment'. By Matthew Taylor. *The Guardian* [Online]. 19 July 2017. Available from: <https://www.theguardian.com/environment/2017/jul/19/plastic-pollution-risks-near-permanent-contamination-of-natural-environment> Humans have produced 8.3bn tonnes of plastic since the 1950s with the majority ending up in landfill or polluting the world's continents and oceans, according to a new report.

Third high-level meeting ENMC - European Commissioner Karmenu Vella and management of DGMare. *European Network of Maritime Clusters (ENMC)* [Online]. 21 July 2017. Available from: <http://enmc.eu/news/3rd-high-level-meeting-enmc--ec-vella-and-staff> On July 7th 2017, the European Network of Maritime Cluster (ENMC) and the European Commission held their traditional annual meeting on Blue Growth for the third time.

Could sharks help save shipping industry billions? *Phys Org* [Online]. 20 July 2017. Available from: <https://phys.org/news/2017-07-sharks-shipping-industry-billions.html> Whales, sharks, butterflies and lotus leaves might together hold the secret to saving the shipping industry millions and help save the planet, according to a marine biologist at the University of Portsmouth, UK.

Tubbataha reefs draw enhanced protection. By Roy Mabasa. *Manila Bulletin* [Online]. 24 July 2017. Available from: <http://news.mb.com.ph/2017/07/24/tubbataha-reefs-draw-enhanced-protection/> The Tubbataha Reefs Natural Park, a United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Site, is now considered as a Particularly Sensitive Sea Area (TRNP-PSSA).

Mexico Launches Scheme to Insure Its Coral Reef. *Climate Central* [Online]. 23 July 2017. Available from: <http://www.climatecentral.org/news/mexico-to-insure-its-coral-reef-21635>
A stretch of coral reef off Mexico is the testing ground for a new idea that could protect fragile environments around the world: insurance.

Australian government to roll back marine protections. By April Reese. *Science* [Online]. 24 July 2017. Available from: <http://www.sciencemag.org/news/2017/07/australian-government-roll-back-marine-protections> Five years after the Australian government created one of the world's largest networks of marine reserves, it has unveiled a heavily revised management blueprint that would curtail conservation.

ENVIRONMENTAL POLLUTION

Maersk Oil has released 42 tons of non-approved chemicals in the ocean. By Maz Plechinger. *ShippingWatch* [Online]. 30 June 2017. Available from: <http://shippingwatch.com/secure/Offshore/article9691714.ece> Danish media DR reports that Maersk Oil has potentially polluted the North Sea more than the company originally told authorities.

Consistent response on *MV Miner* cleanup from Ottawa. By Nancy King. *Cape Breton Post (Canada)* [Online]. 29 June 2017. Available from: <http://www.capebretonpost.com/news/local/2017/6/29/consistent-response-on-mv-miner-cleanup-from-ottawa.html> The provincial government may be hopeful that a federal Liberal government will be more receptive to helping with the cost of cleaning up the *MV Miner* than its Conservative predecessor but the MP for Cape Breton-Canso isn't so sure.

New Ocean Conservancy Report Identifies Heavy Fuel Oil as a Significant Risk to Arctic. *Ocean Conservancy* [Online]. 28 June 2017. Available from: <https://oceanconservancy.org/news/new-ocean-conservancy-report-identifies-heavy-fuel-oil-significant-risk-arctic/> A new report released today by Ocean Conservancy identifies heavy fuel oil (HFO) as one of the top threats to a changing Arctic as a result of vessel activity.
[Navigating the North: An Assessment of the Environmental Risks of Arctic Vessel Traffic](#) 

Heavy fuel oil and the Arctic — are they compatible? By Niels Bjørn Mortensen, Master Mariner and Naval Architect. *Lloyd's List* [Online]. 1 July 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL108938/Heavy-fuel-oil-and-the-Arctic--are-they-compatible> As Arctic waters open up, most likely due to human use of fossil fuels, vessels powered by heavy fuel oil are likely to divert to Arctic waters in search of shorter journey times.

Environmental Ship Index will also evaluate CO2 performance, the first one with a quality mark in shipping. *Port of Rotterdam* [Online]. 3 July 2017. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/environmental-ship-index-will-also-evaluate-co2-performance-the-first-one> As of 1 July 2017, the Environmental Ship Index (ESI) will also start evaluating performance in the field of CO2.

Workshop on oil spill preparedness and response ends. *Government of Ghana* [Online]. 4 July 2017. Available from: <http://www.ghana.gov.gh/index.php/media-center/news/3804-workshop-on-oil-spill-preparedness-and-response-ends> A workshop to exercise and test the current National Oil Spill Contingency Plan (NOSCP), and build on the previous work of improving and developing Ghana's capacity to respond to oil spills has ended at Amasaman in the Greater Accra region.

Environmental Ship Index also evaluates CO2 performance, the first one with a quality mark in shipping. *Port of Antwerp* [Online]. 3 July 2017. Available from: <http://www.portofantwerp.com/en/news/environmental-ship-index-also-evaluates-co2-performance-first-one-quality-mark-shipping> As of 1 July 2017, the Environmental Ship Index (ESI) started evaluating performance in the field of CO2.

Pacific states call for dramatic shipping emissions cuts. By Sam Chambers. *Splash 24/7* [Online]. 6 July 2017. Available from: <http://splash247.com/pacific-states-call-dramatic-shipping-emissions-cuts/> A coalition of Pacific Island ministers yesterday launched their strongest joint call yet for the global shipping industry to radically cut greenhouse gas emissions.

Maersk report on 42 tons of illegal pollution discharge is inadequate. *ShippingWatch* [Online]. 6 July 2017. Available from: <http://shippingwatch.com/secure/Offshore/article9705360.ece> The Danish Environmental Protection Agency (DEPA) has received a report from Maersk Oil concerning illegal discharge of chemicals in connection with oil and gas production in the North Sea.

Dirty laundry: Are your clothes polluting the ocean? By Victoria Gill. *BBC News* [Online]. 6 July 2017. Available from: <http://www.bbc.co.uk/news/science-environment-40498292> In an indoor "Manchester-drizzle-simulating" rain room at the University of Leeds, and in a laundry lab in Plymouth, research is revealing the unexpected environmental cost of the very clothes on our backs.

Shipping companies urged to stop using dirty fuels in the Arctic. By Arthur Neslen. *The Guardian* [Online]. 11 July 2017. Available from: <https://www.theguardian.com/sustainable-business/2017/jul/11/heavy-fuel-oil-review-potential-ban-arctic> Shipping companies are under pressure to phase out use of heavy fuels ahead of a potential ban on their use in the Arctic in the coming years.

Daily emissions of cruise ships same as one million cars. By Sam Morgan. *EurActiv* [Online]. 10 July 2017. Available from: <https://www.euractiv.com/section/air-pollution/news/daily-emissions-of-cruise-ships-same-as-one-million-cars/> Cruise ships can emit as much particulate matter as a million cars every day and the air quality on deck can be as bad as the world's most polluted cities, according to a new investigation.

Panama Canal Reaffirms Commitment to Sustainable Shipping at IMO's 71st Marine Environment Protection Committee Meeting. *Panama Canal Authority* [Online]. 10 July 2017. Available from: <http://www.acp.gob.pa/eng/pr/press-releases/2017/07/10/pr630.html> Members of the Panama delegation spoke with industry specialists at the MEPC 71 about the shipping industry's impact on the environment and participated in two working group meetings, including one on the reduction of GHG emissions from ships, and another on further technical and operational measures for enhancing the energy efficiency of international shipping.

CLIA hits back at cruise emissions stats. *Travel Weekly* [Online]. 10 July 2017. Available from: <http://www.travelweekly.com.au/article/clia-hits-back-at-cruise-emissions-stats/> Following a recent UK investigation that showed cruise lines can emit more pollution than major world cities, the Cruise Lines International Association (CLIA) has shared its own take on the issue.

Push to Expand Offshore Oil Drilling is Risky Business. *Oceana* [Online]. 10 July 2017. Available from: <http://usa.oceana.org/press-releases/push-expand-offshore-oil-drilling-risky-business> Today, the Archives of Environmental Contamination and Toxicology, a leading scientific journal of studies on environmental pollution, released a special issue devoted to monitoring and evaluating the effects and repercussions of oil spills.

European shipowners welcome the progress made at the IMO environmental meeting.

European Community Shipowners' Associations (ECSA) [Online]. 11 July 2017. Available from: <http://www.ecsa.eu/9-latest-news/314-european-shipowners-welcome-the-progress-made-at-the-imo-environmental-meeting> ECSA representing the European shipowners believe that important progress was made last week at the International Maritime Organization's (IMO) Marine Environment Protection Committee (MEPC) meeting.

PROFEPA: Oil Still Leaking from Grounded *Los Llanitos* Bulker. *World Maritime News*

[Online]. 13 July 2017. Available from: <http://worldmaritimenews.com/archives/225021/profepa-oil-still-leaking-from-grounded-los-llanitos-bulker/> Small traces of hydrocarbons were found in the water surrounding the grounded bulk carrier *Los Llanitos* in Punta Graham, Mexico's environmental protection agency (PROFEPA) said.

Reducing Shipping's GHGs to Zero Would Only Have "Modest" Impact on Global Emissions: Kassinger. *Ship & Bunker* [Online]. 14 July 2017. Available from:

<https://shipandbunker.com/news/world/700103-reducing-shippings-ghgs-to-zero-would-only-have-modest-impact-on-global-emissions-kassinger> Even if the entire world fleet switched to zero emissions propulsion technology, the impact on global greenhouse gas (GHG) emissions would be "modest" at best, consultant and veteran industry expert Rudy Kassinger has told Ship & Bunker.

Gas giant in push for clean marine fuels. By Tom Zaunmayr. *West Australian* [Online].

13 July 2017. Available from: <https://thewest.com.au/news/pilbara-news/gas-giant-in-push-for-clean-marine-fuels-ng-b88527111z> WA oil and gas giant Woodside is urging the Pilbara's heavy industry ports to adopt stricter environmental standards to encourage the use of clean marine fuels.

Gulf of Mexico-style oil spill 'could happen again'. By Lorna Siggins. *Irish Times* [Online].

13 July 2017. Available from: <https://www.irishtimes.com/news/science/gulf-of-mexico-style-oil-spill-could-happen-again-1.3149518> Few people say "no" to the White House, but when Terry Garcia received a phone call from the Obama administration in May, 2010, the request was not one that filled him with great joy.

NOAA disburses \$16.7 million in oil spill penalties to fund research. *EurekaAlert!* [Online].

12 July 2017. Available from: https://www.eurekaalert.org/pub_releases/2017-07/lsu-nd071217.php LSU has received one of the competitive federal grants funded from penalties paid by parties responsible for the *Deepwater Horizon* oil spill.

A mission to the Pacific plastic patch. By Dr Charlotte Brassey. *BBC News* [Online].

16 July 2017. Available from: <http://www.bbc.co.uk/news/science-environment-40584629>  A mariner who has spent years travelling "hundreds of thousands of nautical miles" to measure the impact of plastic waste in the ocean has estimated that a "raft" of plastic debris spanning more than 965,000 square miles (2.5m sq km) is concentrated in a region of the South Pacific.

NGT notice to Centre on air pollution caused by ships. *Economic Times (India)* [Online].

18 July 2017. Available from: <http://www.goo.gl/XkwYRH> A plea alleging rising air pollution by diesel-run ships in the Indian territorial waters yesterday prompted the National Green Tribunal to seek replies from the Centre and others.

Maritime's Deadly Sins. *Fiji Sun Online* [Online]. 19 July 2017. Available from:

<http://fijisun.com.fj/2017/07/19/maritimes-deadly-sins/> While sinners face the wrath of God for sinning, the 11 in the maritime industry are monitored and policed by a world maritime community, spearheaded by the International Maritime Organization (IMO).

Oil refineries unprepared to provide low-sulphur fuels by 2020.

By Anastassios Adamopoulos. *Lloyd's List* [Online]. 18 July 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL109151/Oil-refineries-unprepared-to-provide-lowsulphur-fuels-by-2020> Only 15% of the world's fuel oil refineries have a strategy in place to meet the global 2020 0.5% sulphur cap, according to a recent survey of refineries by technology-focused consulting company KBC.

The U.S. Is Not Ready to Clean Up an Arctic Oil Spill. By Scott Waldman, ClimateWire.

Scientific American [Online]. 19 July 2017. Available from: <https://www.scientificamerican.com/article/the-u-s-is-not-ready-to-clean-up-an-arctic-oil-spill/> The United States is not ready to clean up an oil spill in the Arctic, the head of the Coast Guard said yesterday.

San Pedro Bay Ports Release Draft of 2017 Clean Air Action Plan Update.

Clean Air Action Plan (CAAP) [Online]. 19 July 2017. Available from: <http://www.cleanairactionplan.org/2017-clean-air-action-plan-update/> The document outlines a new set of aggressive near-term and long-term strategies for the nation's busiest harbor complex to further reduce harmful air pollution from all port-related sources, assist the state in meeting aggressive greenhouse gas reduction goals, and ultimately achieve zero emissions for trucks and terminal equipment.

Testing The Air: Research Underway to Develop Thames Air Quality Strategy.

Port of London Authority (PLA) [Online]. 21 July 2017. Available from: <http://www.pla.co.uk/Air-Quality-Strategy> The Port of London Authority (PLA) is working with the Mayor of London and Transport for London on new research to help it develop an Air Quality Strategy for the tidal Thames. [Towards an Air Quality Strategy for the Thames](#) 

Adm. Zukunft: We Are Not Ready for Arctic Oil Spills.

Maritime Executive [Online]. 19 July 2017. Available from: <https://maritime-executive.com/article/adm-zukunft-we-are-not-ready-for-arctic-oil-spills>  On Monday, U.S. Coast Guard Commandant Adm. Paul Zukunft warned that environmental response organizations are not prepared to address a large oil spill in the Arctic.

Killer whales at most risk from oil spill: study. By Randy Shore. *Vancouver Sun (Canada)* [Online]. 25 July 2017. Available from: <http://vancouversun.com/news/local-news/killer-whales-at-most-risk-from-oil-spill-study> Local southern-resident killer whales are at the highest risk of death and long-term population impacts in the event of an oil spill in B.C.'s coastal waters, according to a new study of mammals and oil exposure.

Chinese Delegation Visits NOAA Office of Response and Restoration.

US National Oceanic and Atmospheric Administration (NOAA) [Online]. 25 July 2017. Available from: <http://response.restoration.noaa.gov/about/media/chinese-delegation-visits-noaa-office-response-and-restoration.html> As part of our ongoing commitment to share our expertise in spill response with other nations, the Emergency Response Division recently hosted a delegation from China's National Marine Hazard Mitigation Service.

IMarEST and IPPIC launch template for Biofouling Management Plan.

Society of Maritime Industries [Online]. 26 July 2017. Available from: <http://www.maritimeindustries.org/Member-News/imarest-and-ippic-launch-template-for-biofouling-management-plan> The International Maritime Organization's Guidelines for the Control and Management of Ships' Biofouling to Minimize the Transfer of Invasive Aquatic Species, adopted in July 2011 provide a globally consistent approach to the management of biofouling on ships.

HEALTH AND SAFETY

Air on board cruise ships 'is twice as bad as at Piccadilly Circus'. By Will Coldwell.

The Guardian [Online]. 3 July 2017. Available from:

<https://www.theguardian.com/travel/2017/jul/03/air-on-board-cruise-ships-is-twice-as-bad-as-at-piccadilly-circus> Passengers on cruise ships could be exposing themselves to dangerous levels of pollution, according to an investigation by Channel 4's Dispatches team that found some public areas on the ships' decks were more polluted than the world's worst-affected cities.

New emotional support guidance for seafarers. International Seafarers' Welfare and Assistance Network (ISWAN) [Online]. 2 July 2017. Available from:

<http://seafarerswelfare.org/news-and-media/latest-news/new-emotional-support-guidance-for-seafarers> ISWAN has produced a self-help guide for seafarers' mental health to complement its free, 24/7 helpline, Seafarer Help.

[Steps to Positive Mental Health: Good Mental Health Guide for Seafarers](#) 

Fujairah Port Medical Centre collaborates with Tristar and Fujairah Port to provide free medical screening for almost 500 seafarers. UAE News 247 [Online]. 11 July 2017.

Available from: <http://www.goo.gl/22BVE2> Continuing support to International Seafarers Day 2017, Fujairah Port Medical Centre in collaboration with Tristar and Fujairah Port offered two days of free medical screening to almost 500 seafarers, who were stationed at the port on July 9 and 10.

Breathalyzers to be distributed to seafarers: 270 inspections at sea between May and mid-July. By Sarah Carabott. Times of Malta [Online]. 24 July 2017. Available from:

<https://www.timesofmalta.com/mobile/articles/view/20170724/local/breathalyzers-to-be-distributed-to-seafarers.654043> Disposable breathalyzers will now be distributed to seafarers in a bid to reduce excessive drinking while at sea, where the alcohol limit is similar to that on the road.

Captain of ship took his own life onboard. By Emma Robinson. The Echo (UK) [Online].

25 July 2017. Available from: http://www.echo-news.co.uk/news/15431783.Captain_of_ship_took_his_own_life_onboard/ A Captain killed himself onboard a ship one week into a journey from New York City to Tilbury, an inquest heard.

IMO

EU looking to IMO to impress. By Anastassios Adamopoulos. Lloyd's List [Online].

5 July 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL108996/EU-looking-to-IMO-to-impress> The degree of progress of the International Maritime Organization's environmental efforts this week could influence shipping's fate in the controversial EU Emissions Trading System, an MEP said.

NGOs to IMO: Settle on a climate target. By Niklas Krigslund. ShippingWatch [Online].

7 July 2017. Available from: <http://shippingwatch.com/secure/carriers/article9708386.ece> An ambitious climate strategy that stresses the need for targets for the reduction of greenhouse gases is at the top of the agenda at several of the NGOs participating in the ongoing meeting of the IMO's Marine Environment Protection Committee (MEPC) in London.

Mixed bag at MEPC71. By Sam Chambers. *Splash 24/7* [Online]. 10 July 2017.

Available from: <http://splash247.com/mixed-bag-mepec71/> Over 170 countries meeting at the International Maritime Organization in London had some substantive discussion on objectives and ways to decarbonise shipping, resulting in a seven-step outline that now needs to be developed into an interim plan due in 2018.

Shipping: the International Maritime Organisation edges towards decarbonisation objective. *Seas at Risk* [Online]. 8 July 2017. Available from: <http://www.seas-at-risk.org/18-shipping/759-talks-at-international-maritime-organisation-conclude.html> The UN's shipping body has settled on the main elements of an interim strategy aiming to decarbonise the sector.

ICS Pleased With IMO Progress On Environmental Issues. *International Chamber of Shipping (ICS)* [Online]. 12 July 2017. Available from: <http://www.ics-shipping.org/news/press-releases/view-article/2017/07/12/ics-pleased-with-imo-progress-on-environmental-issues> Commenting on the outcome of last week's meeting of the International Maritime Organization (IMO) Marine Environment Protection Committee (MEPC), the International Chamber of Shipping (ICS) – which represents the world's national shipowners' associations – says it is pleased with the progress made by IMO Member States on a number of critical environmental regulatory issues that will have a profound impact on the future structure of the global shipping industry.

IMO attempts to hold back the tide on GHG emissions. By Maurice Meehan, Director of Shipping Operations, Carbon War Room. *Splash 24/7* [Online]. 11 July 2017. Available from: <http://splash247.com/imo-attempts-hold-back-tide-ghg-emissions/> Last week saw IMO's Marine Environment Protection Committee (MEPC 71) meet in London.

Carriers are optimistic after new climate plan from the IMO. By Niklas Krigslund. *ShippingWatch* [Online]. 11 July 2017. Available from: <http://shippingwatch.com/secure/carriers/article9716595.ece> Danish Shipping and the International Chamber of Shipping are optimistic after last week's meeting in the IMO where countries agreed on the framework for a climate strategy for shipping.

UN maritime agency praises Iran activities. *Tehran Times (Iran)* [Online]. 13 July 2017. Available from: <http://www.tehrantimes.com/news/415044/UN-maritime-agency-praises-iran-activities> The International Maritime Organization (IMO) has appreciated Iran's efforts and its participation in the international body's activities, ILNA reported on Wednesday.

High Seas Governance Must Take Account of Existing IMO Framework. *International Chamber of Shipping (ICS)* [Online]. 12 July 2017. Available from: <http://www.ics-shipping.org/news/press-releases/2017/07/12/high-seas-governance-must-take-account-of-existing-imo-framework> At the United Nations in New York, the International Chamber of Shipping (ICS) is representing shipowners at a UN Preparatory Committee which is developing a new legal instrument, under the United Nations Convention on the Law of the Sea (UNCLOS), which will apply to 'high seas' areas beyond national jurisdiction.

Desmi on ballast water delay: "Bad for the environment and for IMO". **By Katrine Grønvald Raun.** *ShippingWatch* [Online]. 17 July 2017. Available from: <http://shippingwatch.com/secure/suppliers/article9728399.ece> It is bad news for the environment as well as the IMO that the member states decided to push back the implementation of the ballast water rules, equipment supplier Desmi Ocean Guard tells ShippingWatch.

Countries flirt with maritime decarbonization deadline. By Ed King. *Green Biz* [Online]. 18 July 2017. Available from: <https://www.greenbiz.com/article/countries-flirt-maritime-decarbonization-deadline> After two weeks of testing and occasionally fiery negotiations at the International Maritime Organization, one sentence emerged as a potential sign of progress.

IMO fails to impress with 'outline' of shipping climate plan. *Transport & Environment* [Online]. 26 July 2017. Available from: <https://www.transportenvironment.org/news/imo-fails-impress-%E2%80%98outline%E2%80%99-shipping-climate-plan> The UN's International Maritime Organisation (IMO) took a tentative step towards a plan to cut shipping's climate emissions earlier this month.

LAW AND POLICY

Arbitration of territorial and maritime dispute: Republic of Croatia and the Republic of Slovenia. *Permanent Court of Arbitration* [Online]. 30 June 2017. Available from: <https://pcacases.com/web/view/3> On 4 November 2009, the Prime Ministers of Croatia and Slovenia signed an Arbitration Agreement, by which Croatia and Slovenia submitted their territorial and maritime dispute to arbitration [Final Award](#)  [Partial Award](#) 

The Presidency debate: Maritime policy. By Brian Maguire, Evans Lamos, and Olivier Billot. *EurActiv* [Online]. 30 June 2017. Available from:

<http://www.euractiv.com/section/all/video/the-presidency-debate-maritime-policy/> 

As Malta hands over the Presidency of the European Union to Estonia, Europe has charted a new route to a New World and Europe's maritime policy is heading towards the bright horizon of the Blue Economy.

Bunge okays ratification of protocols to protect marine environment. By Florence Mugarula. *Daily News (Tanzania)* [Online]. 30 June 2017. Available from: <http://dailynews.co.tz/index.php/home-news/51550> The Parliament yesterday passed three resolutions to ratify convention and two protocols that aim at protecting marine environment and the nature.

Minister discusses maritime violations with IMO official. *The Peninsula (Qatar)* [Online]. 4 July 2017. Available from: <http://www.thepeninsulaqatar.com/article/04/07/2017/Minister-discusses-maritime-violations-with-IMO-official> Minister of Transport and Communications H E Jassim bin Saif Al Sulaiti met here yesterday with Secretary-General of International Maritime Organization (IMO) Kitack Lim.

Territorial incursion protested. By Mo Jingxi and Zhang Zhihao. *China Daily.Com* [Online]. 4 July 2017. Available from: http://europe.chinadaily.com.cn/china/2017-07/04/content_29983145.htm China strongly protested the trespassing of a United States warship into China's territorial waters off the Xisha Islands, dispatching battleships and fighter jets to warn off the vessel.

Ships Exporting Iranian Oil Go Dark, Raising Sanctions Red Flags. *Hellenic Shipping News* [Online]. 7 July 2017. Available from: <http://www.hellenicshippingnews.com/ships-exporting-iranian-oil-go-dark-raising-sanctions-red-flags/> Ships chartered by two oil traders responsible for a significant share of Iran's fuel exports last year failed to transmit their location and the origin of their cargo — red flags for governments seeking evidence of evasion of sanctions on Tehran.

Prime Minister Signs Maritime Boundaries Agreement. By Cathy Lashley.

Government of Barbados [Online]. 6 July 2017. Available from:

<http://gisbarbados.gov.bb/blog/prime-minister-stuart-signs-maritime-boundaries-agreement/>

Prime Minister Freundel Stuart and his St. Lucian counterpart, Prime Minister Allen Chastenot, today signed a treaty establishing a maritime boundary agreement between the two countries.

Admiralty Law Crucial To Maritime Sector Growth – Dakuku. *News Diary Online (Nigeria)*

[Online]. 11 July 2017. Available from: [https://newsdiaryonline.com/admiralty-law-crucial-](https://newsdiaryonline.com/admiralty-law-crucial-maritime-sector-growth-dakuku/)

[maritime-sector-growth-dakuku/](https://newsdiaryonline.com/admiralty-law-crucial-maritime-sector-growth-dakuku/) The Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA), Dr. Dakuku Peterside has said that there can be no maritime sector without admiralty law and that every aspect of shipping is governed by one law or the other.

Cheeki Rafiki: company boss convicted of failing to ensure yacht's safety.

By Steven Morris. *The Guardian* [Online]. 14 July 2017. Available from:

<http://www.goo.gl/y4QLT8> A yacht company director has been found guilty of failing to ensure the safety of the Cheeki Rafiki, a boat that was lost in poor weather in the mid-Atlantic with four sailors on board.

Somali Attorney General asks *MSC Alice* Vessel to Compensate for the Loss, amid Internet Blackout in Somalia for the Third week. *Horn Observer (Somalia)*

[Online]. 12 July 2017. Available from: <http://www.goo.gl/euMBUW>

The government of Somalia has asked the ship that was accused of cutting the Fibre optic cable from Mogadishu to compensate for the loss, amid the country faces more than two weeks of internet disruption, that costs millions of dollars.

Ten years of oil exploration: Has Ghana any oil spill contingency plan in place?

By Mawutodzi Kodzo Abissath. *Government of Ghana* [Online]. 13 July 2017. Available from:

<http://www.goo.gl/38v2hd> Gradually but steadily, Ghana is elbowing its way into a comity of nations where she could be described as an oil producing country.

Maritime treaty success for Barbados, St Lucia and St Vincent and the Grenadines.

Commonwealth Secretariat [Online]. 14 July 2017. Available from:

<http://thecommonwealth.org/media/news/maritime-treaty-success-barbados-st-lucia-and-st-vincent-and-grenadines>

Landmark maritime boundary agreements reached between the Caribbean island nations of Barbados, Saint Lucia and Saint Vincent and the Grenadines with the support of the Commonwealth, were formally signed last week.

Indonesian government inaugurates name of N Natuna Sea. *Antara News (Indonesia)*

[Online]. 14 July 2017. Available from:

<http://www.antaraneews.com/en/news/111846/indonesian-government-inaugurates-name-of-n-natuna-sea>

Indonesian government has inaugurated the name of the waters in the northern part of Natuna as North Natuna Sea, replacing the previously used name South China Sea.

Asserting sovereignty, Indonesia renames part of South China Sea. By Tom Allard and

Bernadette Christina Munthe. *Reuters* [Online]. 14 July 2017. Available from:

<http://www.reuters.com/article/us-indonesia-politics-map-idUSKBN19Z0YQ>

Indonesia renamed the northern reaches of its exclusive economic zone in the South China Sea as the North Natuna Sea on Friday, the latest act of resistance by Southeast Asian nations to China's territorial ambitions in the maritime region.

IKEA calls on owners to comply with IMO. By Nick Roumpis. *TradeWinds* [Online].

17 July 2017. Available from: <http://www.tradewindsnews.com/liner/1309158/ikea-calls-on-owners-to-comply-with-imo> IKEA has called on shipping lines carrying its goods to comply with new IMO sulphur regulations or lose its business with the furniture retailer.

Sea Shepherd Helps Arrest Two Illegal Fishing Vessels. *Maritime Executive* [Online].

17 July 2017. Available from: <http://maritime-executive.com/article/sea-shepherd-aids-in-arrest-of-illegal-fishing-vessels> One week after the announcement of Operation Albacore II, a joint operation between Sea Shepherd and the Gabonese government to tackle illegal, unregulated and unreported (IUU) fishing in Central West Africa, the crew of the Sea Shepherd ship *Bob Barker* has assisted Gabonese authorities in the arrest of two illegal fishing trawlers.

Guilty verdict stands against crew members of tanker involved in Charleston-based maritime pollution case. By David Wren. *Post and Courier (US)* [Online]. 17 July 2017.

Available from: http://www.postandcourier.com/business/guilty-verdict-stands-against-crew-members-of-tanker-involved-in/article_8befce30-6afa-11e7-b0cc-6f6fb872fbd2.html

A federal judge in Charleston upheld a jury's verdict against two former crew members of a Greek chemical tanker who were found guilty in February of pollution-related crimes while at sea.

Arctic Sunrise Arbitration (Netherlands v. Russia): Tribunal Renders Award on Compensation. *Permanent Court of Arbitration* [Online]. 18 July 2017. Available from:

<https://pca-cpa.org/wp-content/uploads/sites/175/2017/07/Press-Release-of-18-July-2017.pdf> 

The Tribunal constituted under Annex VII of the United Nations Convention on the Law of the Sea ("Convention") in the matter of the Arctic Sunrise Arbitration (Netherlands v. Russia) has rendered its Award on Compensation. [Award on Compensation](#)  [Case View](#)

Gov't reviving Kenya National Shipping Line to tap Ksh 300B potential.

Procurement and Logistics Management (Kenya) [Online]. 18 July 2017. Available from:

<http://www.procurementandlogisticsonline.com/2017/07/govt-reviving-kenya-national-shipping-line-tap-ksh-300b-potential/>

The Government has announced plans to revive the Kenya National Shipping Line that has the potential to contribute Sh304 billion into the country's economy annually.

Increasing use of so-called Flag of Convenience shipping in Australia.

Government of Australia [Online]. 19 July 2017. Available from:

http://www.apf.gov.au/Parliamentary_Business/Committees/Senate/Rural_and_Regional_Affairs_and_Transport/FOCShipping45/Report

3 Iranian fishermen detained by Qatar coastal guards in Persian Gulf. *Xinhuanet (China)*

[Online]. 19 July 2017. Available from: http://news.xinhuanet.com/english/2017-07/19/c_136456724.htm

Three Iranian fishermen were detained by Qatari coastal guards in the Arab country's waters in the Persian Gulf.

Thailand general, politicians, police among 62 found guilty in historic human trafficking trial. *ABC (Australia)* [Online]. 19 July 2017. Available from: <http://www.abc.net.au/news/2017-07-20/general-police-among-guilty-in-thailand-human-trafficking-trial/8725578>

An army general, two politicians, and police officers were among the 62 people found guilty by a judge in the biggest human trafficking trial in Thailand's history.

Code of Conduct to secure ASEAN shipping lanes – analyst. *Manila Bulletin* [Online]. 20 July 2017. Available from: <http://business.mb.com.ph/2017/07/20/code-of-conduct-to-secure-asean-shipping-lanes-analyst/> A binding Code of Conduct in the West Philippine Sea will not only help ease tensions in the heavily disputed territory, it will also establish a more secured environment for regional trade and commerce, an international think tank said.

The Hague court's ruling on *Arctic Sunrise* encourages willful misconduct - diplomat. *TASS Russian News Agency* [Online]. 20 July 2017. Available from: <http://tass.com/politics/957061> The Hague Court of Arbitration that has ordered Russia to pay compensation for the 2013 *Arctic Sunrise* Greenpeace ship incident encourages illegal steps, Foreign Ministry Deputy spokesman Artyom Kozhin told reporters on Thursday.

Securing Nigeria's Territorial Waters. *This Day (Nigeria)* [Online]. 23 July 2017. Available from: <https://www.thisdaylive.com/index.php/2017/07/23/securing-nigerias-territorial-waters/> The House of Representatives Joint Committee on Maritime Safety and Administration, and the Navy, recently held a public hearing to amend the Maritime Operations Co-ordination Act.

China urges halt to oil drilling in disputed South China Sea. By Michael Martina and Matthew Tostevin. *Reuters* [Online]. 25 July 2017. Available from: <https://www.reuters.com/article/us-southchinasea-china-vietnam-idUSKBN1AA13I> China's Foreign Ministry has urged a halt to oil drilling in a disputed part of the South China Sea, where Spanish oil company Repsol had been operating in cooperation with Vietnam.

Updated Ballast Water Management FAQs now available. By Amy Midgett. *US Coast Guard Maritime Commons* [Online]. 26 July 2017. Available from: <http://mariners.coastguard.dodlive.mil/2017/07/26/7262017-updated-ballast-water-management-faqs-now-available/> The Coast Guard announced today that updated Ballast Water Management (BWM) Program guidance is available on its public Homeport internet portal.

MARINE TECHNOLOGY

The efficiency of new ships is falling, study finds. *Seas at Risk* [Online]. 3 July 2017. Available from: <http://www.seas-at-risk.org/18-shipping/756-the-efficiency-of-new-ships-is-falling-study-finds.html> Recent improvements in the design efficiency of new ships went into reverse last year, a new independent study has found.

Estimated Index Values of Ships 2009-2016. By Jasper Faber and Maarten 't Hoen. *CE Delft* [Online]. May 2017. Available from: <http://www.goo.gl/ctKMvW>  This study analyses the development of the design efficiency of ships that have entered the fleet from 2009 to 2016.

New Bureau Veritas rules support hybrid power and energy storage systems. *Bureau Veritas* [Online]. 5 July 2017. Available from: <http://www.bureauveritas.com/home/news/business-news/new-bureau-veritas-rules-support-hybrid-power-and-energy-storage-systems> With a growing number of hybrid vessels entering service, Bureau Veritas has consolidated its experience in the field with a new series of notations and rules addressing the requirements of energy storage systems (ESS) to support ship operators in reducing emissions.

Danish EPA deploys new sniffer technology to monitor sulphur emissions. By Lee Hong Liang. *Seatrade Maritime News* [Online]. 12 July 2017. Available from: <http://www.goo.gl/ASPvj2> The Danish Environmental Protection Agency (EPA) will deploy a new sniffer technology to be mounted on helicopters to monitor sulphur compliance from ships at sea.

Hyundai Heavy Industries Ushers in Era of 4th Industrial Revolution in Shipbuilding Industry with Integrated Smart Ship Solution. *Hyundai Heavy Industries Co.Ltd.* [Online]. 19 July 2017. Available from: <https://english.hhi.co.kr/news/view?bidx=628¤tPage=1&searchTitle=&searchKey=> Hyundai Heavy Industries (HHI), the world's largest shipbuilder, announced today it developed Integrated Smart Ship Solution (ISSS), its proprietary ICT technology capable of realizing economical and reliable navigation and management of ships.

ABS Joins Industry Partners to Advance Autonomous Shipping. *ABS (American Bureau of Shipping)* [Online]. 26 July 2017. Available from: <https://ww2.eagle.org/en/news/press-room/2017/ABS-Joins-Industry-Partners-to-Advance-Autonomous-Shipping.html> ABS, a leading provider of classification and technical services to the offshore and marine industries, joined the Unmanned Cargo Ship Development Alliance to work with industry partners, including class organizations, shipyards, equipment manufacturers and designers to advance autonomous shipping.

MARITIME SAFETY

Enhancing Socially Responsible shipping: ClassNK and Green Award strengthen ties. *ClassNK* [Online]. 3 July 2017. Available from: https://www.classnk.or.jp/hp/en/hp_news.aspx?id=2423&type=press_release&layout=4 ClassNK and Green Award announced that they would further broaden their cooperation to ensure safety and minimize negative effects of the shipping industry.

Terminal operators allowing shippers to get away with murder. By Sam Chambers. *Splash 24/7* [Online]. 7 July 2017. Available from: <http://splash247.com/terminal-operators-allowing-shippers-get-away-murder/> Shippers continue to put lives at risk flouting cargo regulations.

Five Common Causes of Crane Failure. By Chris Dyson, Senior Partner and Marine Engineer, Brookes Bell. *Maritime Executive* [Online]. 9 July 2017. Available from: <http://maritime-executive.com/blog/five-common-causes-of-crane-failure> Although each ship's crane failure is unique, there are often similarities between them, right across the global shipping industry, such that many of the incidents could have been avoided.

Sovcomflot calls for substandard ships to be barred from the Northern Sea Route. By Sam Chambers. *Splash 24/7* [Online]. 12 July 2017. Available from: <http://splash247.com/sovcomflot-calls-substandard-ships-barred-northern-sea-route/> Top Russian owner Sovcomflot has called for the Russian government to continue its drive to improve navigational safety measures on the Northern Sea Route (NSR) and for a ban on substandard ships and crews sailing in the environmentally sensitive region.

MSC boxship held over Somali internet outage. By Gary Dixon. *TradeWinds* [Online]. 14 July 2017. Available from: <http://www.tradewindsnews.com/liner/1308283/msc-boxship-held-over-somali-internet-outage> An MSC containership has been detained in Somalia after allegedly taking most of the country offline by accidentally severing an internet cable.

New German requirement drives charter rates up and safety standards down.

By Philip Woodcock, Operations Director, Workshops Contractors. *Offshore Wind Journal* [Online]. 18 July 2017. Available from: http://www.owjonline.com/news/view,new-german-requirement-drives-charter-rates-up-and-safety-standards-down_48472.htm In April, the German maritime authority, BG Verkehr, made a decision that has greatly restricted the employment of many experienced masters of foreign crew transfer vessels on German windfarms.

With more ships in the Arctic, fears of disaster rise. By Henry Fountain, New York Times.

Alaska Dispatch News [Online]. 24 July 2017. Available from: <https://www.adn.com/nation-world/2017/07/23/with-more-ships-in-the-arctic-fears-of-disaster-rise/> When the *Crystal Serenity*, a 1,000-passenger luxury liner, sails in August on a month long Arctic cruise through the Northwest Passage, it will have a far more utilitarian escort: a British supply ship.

Right whale deaths pinned on shift in feeding grounds. Chronicle Herald (Canada) [Online].

24 July 2017. Available from: <http://thechronicleherald.ca/novascotia/1488707-right-whale-deaths-pinned-on-shift-in-feeding-grounds> Climate change is sending more hungry right whales into the Gulf of St. Lawrence to feed and that is resulting in more deaths from collisions with ships and tangles with fishing gear, officials say.

Is technology making ships too complex? By Gary Peters. Ship-Technology.Com [Online].

26 July 2017. Available from: <http://www.ship-technology.com/features/featureis-technology-making-ships-too-complex-5881688/> Maritime safety company Propel suggests that human failure is still top of the agenda when it comes to improving safety.

Advancing safety in the containership sector. Royal Institution of Naval Architects (RINA)

[Online]. July 2017. Available from: https://www.rina.org.uk/Advancing_safety_in_the_containership_sector.html As recent incidents have demonstrated, the risks from a containership fire increase as the number of containers onboard rises.

MARITIME SECURITY

As Maersk gets back to work, international shipping bodies urge cyber caution.

By Sam Chambers. *Splash 24/7* [Online]. 30 June 2017. Available from: <http://splash247.com/maersk-gets-back-work-international-shipping-bodies-urge-cyber-caution/>

As the Maersk Group gets back to more normal working procedures in the wake of Tuesday's giant cyber attack, a host of the world's top shipping bodies have warned that the industry must be more on its guard as further sophisticated attacks are expected to proliferate.

Global maritime security: Council adopts conclusions. Council of the European Union

[Online]. 19 June 2017. Available from: <http://www.consilium.europa.eu/en/press/press-releases/2017/06/19-conclusions-maritime-security/> On 19 June, the Council adopted conclusions on global maritime security. [Council conclusions on Global Maritime Security](#) 

US and Philippine Navies Complete Coordinated Patrol in Southern Sulu Sea.

United States Navy [Online]. 1 July 2017. Available from: http://www.navy.mil/submit/display.asp?story_id=101304 The U.S. and Philippine navies completed a coordinated patrol in the Sulu Sea at the invitation of the Government of the Philippines, July 1.

Blockchain would have prevented Maersk cyber attack. By Martyn Wingrove.

Container Shipping & Trade [Online]. 1 July 2017. Available from:

http://www.containerst.com/news/view/blockchain-would-have-prevented-maersk-cyber-attack_48287.htm Blockchain technology would have saved shipping from this week's Petya cyber attack that crippled the logistics IT systems of Maersk Group.

Need to reduce human traffic at the port. Ships & Ports [Online]. 3 July 2017. Available from:

<http://shipsandports.com.ng/need-reduce-human-traffic-port/> The port is a security area where only authorised persons should be allowed entry.

Maersk speaks out on cyberattack. CNN [Online]. 3 July 2017. Available from:

<http://money.cnn.com/video/news/economy/2017/07/02/gmb-maersk-speaks-out-on-cyber-attacks.cnnmoney/index.html> A cyberattack threw a wrench into the cogs of global trade - Interview with Vincent Clerc, Chief Commercial officer, Maersk.

Maersk brings major IT systems back online after cyber attack. By Jacob Gronholt-Pedersen and Jonathan Saul. Reuters [Online]. 3 July 2017. Available from:

<http://uk.mobile.reuters.com/article/technologyNews/idUSKBN19O0X8> Danish shipping giant A.P. Moller-Maersk (MAERSKb.CO) said it had restored its major applications, as it brings its IT systems back online after being hit by a major cyber attack last week.

Joint industry launches latest industry guidelines on cyber security. By Leslea Petersen.

Baltic and International Maritime Council (BIMCO) [Online]. 5 July 2017. Available from:

https://www.bimco.org/news/press-releases/20170705_cyber-g The second edition includes information on insurance issues and how to effectively segregate networks, as well as new practical advice on managing the ship to shore interface, and how to handle cyber security during port calls and when communicating with the shore side.

[The Guidelines on Cyber Security Onboard Ships](#) 

MMEA, Navy and police to team up to end smuggling and theft of subsidised diesel.

The Star (Malaysia) [Online]. 4 July 2017. Available from:

<http://www.thestar.com.my/news/nation/2017/07/04/checks-to-plug-illegal-fuel-siphoning-mmea-navy-and-police-to-team-up-to-end-smuggling-and-theft-of/> Ships plying the waters between Pengerang and Kuantan will be checked to put a stop to illegal fuel siphoning.

Maersk says too early to predict financial impact of cyber attack. By Brenda Goh. Reuters

[Online]. 7 July 2017. Available from: <https://www.reuters.com/article/us-cyber-attack-maersk-idUSKBN19S0FX>

Maersk said it was too early to predict the financial impact of last month's global Petya cyber attack that hit the shipping giant's computers and delayed cargoes, but added that normal operations had resumed at its ports.

Cyber security now an existential need for shipping and also ports. By Mike Edgerton, VP of Maritime Security, Hudson Trident. TradeWinds [Online]. 5 July 2017. Available from:

<http://www.tradewindsnews.com/casualties/1297632/cyber-security-now-an-existential-need-for-shipping-and-also-ports> Addressing risks at the highest level is essential for future resilience, argues Mike Edgerton vice-president of maritime security consultant Hudson Trident in a Viewpoint article.

Maersk businesses returning to normal after cyber-attack. By Lee Hong Liang.

Seatrade Maritime News [Online]. 13 July 2017. Available from: <http://www.seatrade-maritime.com/news/europe/maersk-businesses-returning-to-normal-after-cyber-attack.html>

AP Moller Maersk has advised in a mid-week update that its global shipping and container terminal businesses are returning closer to normal after its IT systems and websites were hit by cyber-attack in late-June.

Maritime security: Collaborations with security agencies the way to go - Dr Dakuku Peterside - Army is ready, says 81 DIV GOC.

Nigerian Maritime Administration and Safety Agency (NIMASA) [Online]. 16 July 2017. Available from: <http://www.nimasa.gov.ng/press-center/post/maritime-security-collaborations-with-security-agencies-the-way-to-go-dr-dakuku-peterside-army-is-ready-says-81-div-goc>

The Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA) Dr. Dakuku Peterside has stressed the strategic importance of security agencies to the achievement of safe and secure shipping and a viable and vibrant maritime sector for the country's benefits.

New video raises awareness of cybercrime. *Tanker Operator* [Online]. 14 July 2017.

Available from: <http://www.tankeroperator.com/news/new-video-raises-awareness-of-cybercrime/8813.aspx> Maritime cyber security awareness campaign, Be Cyber Aware at Sea, has collaborated with Fidra Films to launch a new film, which highlight the increasing importance of cyber security across the maritime industry.

Cyber attack still haunting Maersk as it struggles to recapture volumes. By Mike Wackett.

The Loadstar [Online]. 13 July 2017. Available from: <https://theloadstar.co.uk/cyber-attack-still-haunting-maersk-struggles-recapture-volumes/> Maersk Line continues to struggle to regain its cargo volumes after the ransomware cyber attack two weeks ago.

Africa's Lomé Charter on maritime security: What are the next steps? By Edwin Egede, Senior Lecturer, Cardiff University.

Piracy Studies [Online]. 16 July 2017. Available from: <http://piracy-studies.org/africas-lome-charter-on-maritime-security-what-are-the-next-steps/> The African Charter on Maritime Security, Safety and Development in Africa (the Lomé Charter) is the outcome of the African Union Extraordinary Summit held in Lomé, Togo in October 2016.

Ship's satellite communication system hacked with ease. By Sam Chambers.

Splash 24/7 [Online]. 19 July 2017. Available from: <http://splash247.com/ships-satellite-communication-system-hacked-ease/> The vulnerability of shipboard systems has been laid bare for all to see on social media.

Cyber security. *Gard* [Online]. 18 July 2017. Available from:

<http://www.gard.no/web/topics/article/21025160/cyber-security> Across the global maritime community, ports, vessels and facilities are increasingly connected to and dependent on cyber systems.

Seafarer abductions in southern Philippines top concern despite lull in attacks: ReCAAP. By Marcus Hand.

Seatrade Maritime News [Online]. 18 July 2017. Available from: <http://www.seatrade-maritime.com/news/asia/seafarer-abductions-in-southern-philippines-top-concern-despite-lull-in-attacks-recaap.html> Philippines Islamic militant group Abu Sayyaf turned to kidnapping ship's crews for ransom in the Sulu and Celebes Seas in the south of the country.

Japan to host first meeting of world maritime security leaders: Abe. *Japan Times* [Online].

18 July 2017. Available from: <http://www.japantimes.co.jp/news/2017/07/18/national/politics-diplomacy/japan-host-first-meeting-world-maritime-security-leaders-abe/> Prime Minister Shinzo Abe said Monday that the country will host, in September, a meeting among heads and other senior officials of maritime security organizations from around the world.

'If it can happen to Maersk, it can happen to anyone': FMC warns on cyber attacks.

Splash 24/7 [Online]. 20 July 2017. Available from: <http://splash247.com/can-happen-maersk-can-happen-anyone-federal-maritime-commissioner-warns-cyber-attacks/> William Doyle, a Federal Maritime Commissioner based in Washington DC, has warned shipping lines to be on alert for cyber attacks, saying that if Maersk can be hit, anyone can.

Combating smuggling. *Jakarta Post* [Online]. 20 July 2017. Available from:

<http://www.thejakartapost.com/academia/2017/07/20/editorial-combating-smuggling.html>

The recent establishment of an inter-ministerial anti-smuggling task force – one that comprises the National Police chief, the Armed Forces commander-in-chief, the attorney general, the finance and trade ministers and the heads of the Corruption Eradication Commission (KPK) and the financial intelligence unit, as well as the presidential chief of staff — is simply official admission that smuggling remains a major and complex problem in the world's largest archipelagic country.

Government approves new maritime security framework. By Sulaimon Salau. *Guardian (Nigeria)* [Online]. 19 July 2017. Available from: <https://guardian.ng/business-services/government-approves-new-maritime-security-framework/>

Determined to fully combat the menace of sea pirates on Nigerian waters, the Federal Government has approved a new maritime security architectural framework aimed at streamlining working relationships among its agencies and the military.

Pentagon asked to expand maritime security to include Bangladesh. By Lalit K Jha.

Dhaka Tribune (Bangladesh) [Online]. 19 July 2017. Available from:

<http://www.dhakatribune.com/bangladesh/foreign-affairs/2017/07/19/pentagon-asked-expand-maritime-security-bangladesh/>

A US Senate panel has asked the Pentagon to increase maritime security in Bangladesh, a move seen as a counter move to Chinese influence in the region.

UK maritime forces train alongside partner navies during practice assault mission.

Naval-Technology.Com [Online]. 19 July 2017. Available from: [http://www.naval-](http://www.naval-technology.com/news/newsuk-maritime-forces-train-along-with-partner-navies-5874158)

[technology.com/news/newsuk-maritime-forces-train-along-with-partner-navies-5874158](http://www.naval-technology.com/news/newsuk-maritime-forces-train-along-with-partner-navies-5874158)

British Royal Navy and Royal Marines personnel have trained alongside naval forces from several partner nations during deployment on-board a French warship.

IT Status update: 20th July. *Maersk* [Online]. 20 July 2017. Available from:

<https://www.maerskline.com/news/2017/07/20/it-status-update-20th-july> We would like to provide you with an update regarding cyber security, to which we have received a number of queries over the last weeks.

India, Japan target maritime security pact during Shinzo Abe's September visit. By

Dipanjana Roy Chaudhury. *Economic Times (India)* [Online]. 24 July 2017. Available from:

<http://economictimes.indiatimes.com/news/defence/india-japan-target-maritime-security-pact-during-shinzo-abes-september-visit/articleshow/59729884.cms>

India and Japan hope to put in place a maritime security pact when PM Shinzo Abe visits mid-September for the annual summit amid China's growing aggression in East and South China Seas besides Indian Ocean Region - a common concern for both New Delhi and Tokyo.

Global maritime security incidents continue to decline, despite surges in piracy off the Horn of Africa. By Cormac Mc Garry, Maritime Risk Analyst. *Control Risks* [Online]. July 2017. Available from: [https://www.controlrisks.com/en/our-thinking/analysis/global-maritime-](https://www.controlrisks.com/en/our-thinking/analysis/global-maritime-security-incidents-continue-to-decline)

[security-incidents-continue-to-decline](https://www.controlrisks.com/en/our-thinking/analysis/global-maritime-security-incidents-continue-to-decline) Control Risks has recorded a 15% decrease in global maritime security incidents in the first half of the year, compared with the same period in 2016.

[Maritime Risk 2017 Half Year](#) 

MARITIME TRAINING

Peterside: Maritime University will start academic activities in October. By Bisi Olaniyi, Port Harcourt, and Oluwakemi Dauda. *The Nation (Nigeria)* [Online]. 30 June 2017.

Available from: <http://thenationonlineng.net/peterside-maritime-university-will-start-academic-activities-october/> Academic activities will take off at the Maritime University, Okerenkoko, in Delta State, in October, the Director-General of the Nigerian Maritime Administration and Safety Agency (NIMASA) Dakuku Peterside, has assured.

CMU Student Welcomes Opportunity to Hone Skills in Germany. By Chad Bryan.

Jamaica Information Service [Online]. 29 June 2017. Available from: <http://jis.gov.jm/cmu-student-welcomes-opportunity-hone-skills-germany/> Third-year Caribbean Maritime University (CMU) student, Winston Chambers, is grateful to be the recipient of a scholarship to train at the DNV GL in Germany.

WMU signs MoU with Marine Learning Systems and New Wave Media for global survey.

World Maritime University [Online]. 30 June 2017. Available from: <http://www.wmu.se/news/wmu-signs-mou-marine-learning-systems-and-new-wave-media-global-survey> President of WMU, Dr. Cleopatra Doumbia-Henry, the CEO of Marine Learning Systems, Mr Murray Goldberg, and the Vice-President of New Wave Media, Mr Greg Trauthwein, signed a Memorandum of Understanding (MoU) on 29 June.

Polar training: MI develops ice navigation course for ships operating in polar regions.

By Leslie Earle. *Memorial University (Canada)* [Online]. 14 July 2017. Available from: <https://gazette.mun.ca/teaching-and-learning/polar-training/> Navigating the icy waters of our polar regions is a challenge that is becoming more frequent as vessels make their way through areas such as the Northwest Passage.

Why investment in training is now more important than ever. DNV GL [Online].

14 July 2017. Available from: <https://www.dnvgl.com/news/why-investment-in-training-is-now-more-important-than-ever-96959> DNV GL recently performed a survey on maritime safety in four different regions: Greece, Middle East, Norway and Germany.

UNITAR, Norway seek marine safety, fisheries protection. By Tope Templer Olaiya.

Guardian (Nigeria) [Online]. 20 July 2017. Available from: <https://guardian.ng/business-services/maritime/unitar-norway-seek-marine-safety-fisheries-protection/> The United Nations Institute for Training and Research (UNITAR) Nigeria Office has announced plans to introduce a Masters' Programme in Maritime Governance, which would be launched in partnership with the Western Norway University of Applied Sciences.

Support for maritime training review. UK Government [Online]. 18 July 2017. Available from:

<https://www.gov.uk/government/publications/support-for-maritime-training-review> An assessment of the support for maritime training (SMarT) scheme, featuring recommendations on areas including funding and data collection. [Support for maritime training review](#)  [Value for money assessment of the support for maritime training review](#) 

Malta Maritime Forum targets professional education for future growth.

Institute of Chartered Shipbrokers [Online]. 21 July 2017. Available from: <http://www.ics.org.uk/news/2017/07/malta-maritime-forum-targets-professional-education-for-future-growth> The Institute of Chartered Shipbrokers and the Malta Maritime Forum have signed an MoU which will support the education of shipping professionals in Malta as part of the island's maritime growth strategy.

Port St Johns thrilled by SAMSA driven maritime youth development programme.

South African Maritime Safety Authority (SAMSA) [Online]. 24 July 2017. Available from:

<https://blog.samsa.org.za/2017/07/25/port-st-johns-thrilled-by-samsa-driven-maritime-youth-development-programme/>

Port St Johns, a small coastal town along the Indian Ocean in the Eastern Cape, almost midway between the port cities of Durban and East London, is beyond itself with excitement over a series of programmes intended to equip local youth with maritime related skills and possible creation of badly needed jobs.

MIGRANTS

Italy gets Brussels backing for EU peers to accept migrants off boats. By Gabriela

Baczynska. Reuters [Online]. 29 June 2017. Available from:

<https://www.reuters.com/article/us-europe-migrants-italy-idUSKBN19K291> The European Union executive on Thursday threw its weight behind a plea by Italy for fellow EU states to allow rescue boats carrying African migrants across the Mediterranean to dock in their ports to alleviate growing pressure on Rome.

Migration: Joint declaration by Commissioner Avramopoulos and the Ministers of Interior of France, Germany and Italy. European Commission [Online]. 3 July 2017. Available from:

http://europa.eu/rapid/press-release_STATEMENT-17-1876_en.htm The Ministers of Interior of France, Germany and Italy and the European Commissioner for Migration and Home Affairs met in Paris on 2 July 2017 to discuss the challenges posed by the increasing migratory flow on the Central Mediterranean route.

Insecurity, economic crisis, abuse and exploitation in Libya push refugees and migrants to Europe, new study reveals. United Nations High Commissioner for Refugees (UNHCR)

[Online]. 3 July 2017. Available from: <http://www.unhcr.org/uk/news/press/2017/7/595a03bb4> A study of mixed refugee and migrant flows by UNHCR, the UN Refugee Agency, has found that around half of those travelling to Libya do so believing they can find jobs there, but end up fleeing onwards to Europe to escape life-threatening insecurity, instability, difficult economic conditions plus widespread exploitation and abuse.

High Commissioner Grandi urges more solidarity with Italy. By Filippo Grandi.

United Nations High Commissioner for Refugees (UNHCR) [Online]. 1 July 2017.

Available from: <http://www.unhcr.org/en-us/news/press/2017/7/5957c2304> In the course of last weekend, 12,600 migrants and refugees arrived on its shores, and an estimated 2,030 have lost their lives in the Mediterranean since the beginning of the year.

UN Migration Agency Calls for Stronger Rescue Cooperation and Solidarity with Italy.

International Organization for Migration (IOM) [Online]. 4 July 2017. Available from:

<https://www.iom.int/news/un-migration-agency-calls-stronger-rescue-cooperation-and-solidarity-italy>

Ahead of this week's informal meeting of EU Justice and Home Affairs ministers, the UN Migration Agency (IOM) urges European Union (EU) Member States to reinvigorate cooperation in the shared interest of saving more lives in the Mediterranean, and to help Member States on the EU's southern border to receive, assist and accommodate people rescued at sea.

Mediterranean Migrant Arrivals Reach 101,210 in 2017; 2,247 Deaths.

International Organization for Migration (IOM) [Online]. 4 July 2017. Available from:

<https://www.iom.int/news/mediterranean-migrant-arrivals-reach-101210-2017-2247-deaths>

The UN Migration Agency (IOM) reports that 101,210 migrants and refugees entered Europe by sea in 2017 through 3 July, with almost 85 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Italy's bluff to close its ports to migrant boats heightens tensions in the Mediterranean. By Simon McMahon, Research Fellow, Coventry University. *The Conversation* [Online].

4 July 2017. Available from: <https://theconversation.com/italys-bluff-to-close-its-ports-to-migrant-boats-heightens-tensions-in-the-mediterranean-80428> Tensions in European politics around the arrival of migrants across the Mediterranean Sea escalated in late June as the Italian government suggested that it could prohibit NGO ships which had rescued people at sea from docking in its ports.

Austria backs down on Italy border troop threat. *EurActiv* [Online]. 6 July 2017.

Available from: <http://www.euractiv.com/section/justice-home-affairs/news/austria-backs-down-on-italy-border-troop-threat/> Austria sought to dampen a row with neighbour Italy yesterday (5 July) after it prompted outrage from Rome by threatening to send troops to the border to stop migrants entering.

Mediterranean rescue: Here is EU's code of conduct for NGOs. By Marco Zatterin.

La Stampa (Italy) [Online]. 7 July 2017. Available from: <http://www.goo.gl/UhCqK1> In an informal meeting with European ministers Thursday morning, Italy presented a new code of conduct to regulate NGOs rescue of migrants in the Mediterranean Sea.

EU countries decline to help Italy with Mediterranean refugee crisis. By Barbara Wesel.

Deutsche Welle (DW) (Germany) [Online]. 6 July 2017. Available from: <http://www.dw.com/en/eu-countries-decline-to-help-italy-with-mediterranean-refugee-crisis/a-39585373> Overwhelmed by refugees, Italy has threatened to bar boats carrying migrants from its ports.

The deadly Spanish route attracting migrants to Europe. By Guy Hedgecoe. *BBC News*

[Online]. 6 July 2017. Available from: <http://www.bbc.co.uk/news/world-europe-40504374> It is believed to be the worst tragedy in the Western Mediterranean this year - 49 sub-Saharan Africans attempting to reach Spain are missing after the boat they were travelling in capsized.

Frontex helps Italy track down people smugglers. *Frontex European Border and Coast Guard Agency* [Online]. 10 July 2017. Available from:

<http://frontex.europa.eu/pressroom/news/frontex-helps-italy-track-down-people-smugglers-b8U5ii> A plane taking part in Frontex activities in the Central Mediterranean played a key role in the arrest of two suspected people smugglers who had earlier dropped off 33 migrants near Syracuse, Sicily.

Migrants once again drawn to deadly Spanish route to Europe. *EurActiv* [Online].

10 July 2017. Available from: <http://www.goo.gl/Wpcp1T> The number of migrants arriving on Spain's southern coast has more than doubled in 2017 compared to last year, as they avoid passing through conflict-racked Libya on their way to Europe.

War and violence drive 80% of people fleeing to Europe by sea, not economics.

By Hannah Summers. *The Guardian* [Online]. 7 July 2017. Available from: <https://www.theguardian.com/global-development/2017/jul/07/war-and-violence-drive-majority-of-people-fleeing-to-europe-by-sea-not-economics> The vast majority of people arriving in Europe by sea are fleeing persecution, war and famine, while less than a fifth are economic migrants, a report published on Friday reveals.

The first European Observatory on Migrant Smuggling and Human Trafficking.

EUNAVFOR MED [Online]. 2 July 2017. Available from: https://eeas.europa.eu/csdp-missions-operations/eunavfor-med/29358/first-european-observatory-migrant-smuggling-and-human-trafficking_en On July 4th in Rome, the Italian National Attorney Franco Roberti and the European Union's EUNAVFOR MED Operations Commander Read Admiral Enrico Credendino launched the first European Observatory on Migrant Smuggling and Human Trafficking, following the signing of an agreement at the Direzione Nazionale Antimafia Headquarters.

EU: Draft Code for Sea Rescues Threatens Lives. *Human Rights Watch (HRW)* [Online].

12 July 2017. Available from: <https://www.hrw.org/news/2017/07/12/eu-draft-code-sea-rescues-threatens-lives> Thousands more refugees and migrants could be at risk of dying at sea if a flawed code of conduct for nongovernmental groups conducting search and rescue in the central Mediterranean is put into practice, Amnesty International and Human Rights Watch said today after reviewing a leaked draft of the document.

Far-right group sends ship to Mediterranean to help stem migrants flow. By Chris Harris.

Euronews [Online]. 12 July 2017. Available from: <http://www.euronews.com/2017/07/12/far-right-group-sends-ship-to-mediterranean-to-help-stem-migrants-flow> 📺 The operation, Defend Europe, aims to disrupt human traffickers off the coast of Libya and monitor NGOs who are rescuing migrants from the sea.

Mediterranean Migrant Arrivals Reach 101,417 in 2017; 2,353 Deaths.

International Organization for Migration (IOM) [Online]. 11 July 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-101417-2017-2353-deaths> The UN Migration Agency (IOM) reports that 101,417 migrants and refugees entered Europe by sea in 2017 through 9 July, with almost 85 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Arrival of migrants in June: Numbers rising in Italy and Spain.

Frontex European Border and Coast Guard Agency [Online]. 13 July 2017. Available from: <http://www.goo.gl/5bByAZ> In June, there were more than 30 700 detections of illegal border crossings on the four main migratory routes into the EU.

Mediterranean Migrant Arrivals Reach 111,148 in 2017; 2,359 Deaths.

International Organization for Migration (IOM) [Online]. 18 July 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-111148-2017-2359-deaths> IOM, the UN Migration Agency, reports that 111,148 migrants and refugees entered Europe by sea in 2017 through 16 July, with almost 85 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

UNHCR seeks support for alternatives to dangerous refugee journeys.

By William Spindler. *United Nations High Commissioner for Refugees (UNHCR)* [Online]. 18 July 2017. Available from: <http://www.unhcr.org/uk/news/press/2017/7/596db7284/unhcr-seeks-support-alternatives-dangerous-refugee-journeys.html> UNHCR, the UN Refugee Agency, is appealing for US\$421.2 million to help provide meaningful alternatives to refugees and others undertaking dangerous journeys to Europe.

Mediterranean Migrant Arrivals Reach 111,514 in 2017; 2,360 Deaths.

International Organization for Migration (IOM) [Online]. 21 July 2017. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-111514-2017-2360-deaths-0> IOM, the UN Migration Agency, reports that 111,514 migrants and refugees entered Europe by sea in 2017 through 19 July, with almost 85 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Anti-immigrant ship on its way to stop refugee boats in Mediterranean stopped in Suez Canal. By Caroline Mortimer. *The Independent* [Online]. 20 July 2017. Available from: <http://www.goo.gl/k1MXj8> A ship chartered by activists to hamper the rescue of refugees in the Mediterranean has reportedly been "arrested" in the Suez Canal after the its captain failed to produce a satisfactory crew list.

Italy feels the heat as EU shuts doors to migrants. By Angela Giuffrida. *The Guardian* [Online]. 23 July 2017. Available from: <https://www.theguardian.com/world/2017/jul/22/italy-feels-heat-europe-slams-door-on-migrants> On a hot afternoon in the northern Italian border town of Ventimiglia, a group of well-dressed French tourists is making its way towards air-conditioned buses that will take them back to their homes along the Côte d'Azur.

New UN Migration Report Shows Complex Evolution of Pathways, Cost of Eastern Mediterranean Route. *International Organization for Migration (IOM)* [Online]. 25 July 2017. Available from: <http://www.iom.int/news/new-un-migration-report-shows-complex-evolution-pathways-cost-eastern-mediterranean-route> New data released by IOM, the United Nations Migration Agency, reveals a complex evolution of migrant arrivals in Europe via the so-called Eastern Mediterranean Route. [Analysis: Flow monitoring Surveys: July 2017](#) 

Anti-immigrant ship C-star enters Mediterranean waters after being stopped in Suez Canal. By Lucy Pasha-Robinson. *The Independent* [Online]. 24 July 2017. Available from: <http://www.independent.co.uk/news/world/europe/anti-immigrant-ship-c-star-mediterranean-islamophobic-refugee-boats-ngos-stop-help-europe-suez-canal-a7857451.html> A ship chartered by far-right activists to confront refugees and send them "back to Africa" has reportedly entered Mediterranean waters after being held up in the Suez Canal.

Interior Ministers from Europe, Africa Meet to Tackle Migrant Crisis. *Voice of America* [Online]. 24 July 2017. Available from: <https://www.voanews.com/a/interior-ministers-from-europe-africa-meet-to-tackle-migrant-crisis-/3957335.html> European and African ministers are meeting in Tunisia about efforts to regulate the flow of refugees from Africa to Europe, primarily along the deadly central Mediterranean route originating in Libya.

Captain of anti-migrant ship briefly held on suspicion of human trafficking after Sri Lankan crew claim asylum. By Andrea Vogt. *The Telegraph* [Online]. 27 July 2017. Available from: <http://www.telegraph.co.uk/news/2017/07/26/captain-crew-far-right-defend-europe-mediterranean-migrant-patrol/> A ship crewed by far-Right activists intending to highlight the threat of people-smuggling in the Mediterranean was detained in northern Cyprus on Thursday amid allegations that some of its Sri Lankan crew had paid smugglers to help them escape to Europe.

MOAS Operational Update: 27th July 2017. *Migrant Offshore Aid Station (MOAS)* [Online]. 27 July 2017. Available from: <http://mailchi.mp/moas/july-operational-update>

NAVIGATION AND COMMUNICATIONS

The Nautical Institute launches Ice Navigator Scheme. *Nautical Institute* [Online]. 3 July 2017. Available from: <http://www.nautinst.org/en/Media/press/index.cfm/icenavschemelaunch>
This is the latest in the Institute's expanding series of professional training schemes and has been developed in response to rapidly growing demand for officers with proven expertise in handling ships in ice.

Iridium Poised to Make Global Maritime Distress and Safety System History.

Iridium Communications Plc [Online]. 11 July 2017. Available from: <http://investor.iridium.com/releasedetail.cfm?ReleaseID=1032698> Iridium Communications Inc. announced today that two key milestones along the path to becoming the second recognized provider of Global Maritime Distress Safety System (GMDSS) services have been reached.

More than a quarter of ships risk detention. By Martyn Wingrove.

Marine Electronics and Communications [Online]. 11 July 2017. Available from: http://www.marinemec.com/news/view,more-than-a-quarter-of-ships-risk-detention_48403.htm
There are still more than 3,800 vessels that will not be compliant with electronic navigation requirements under IMO Solas and could be detained.

Mass GPS Spoofing Attack in Black Sea? *Maritime Executive* [Online]. 11 July 2017.

Available from: <http://maritime-executive.com/editorials/mass-gps-spoofing-attack-in-black-sea>
An apparent mass and blatant, GPS spoofing attack involving over 20 vessels in the Black Sea last month has navigation experts and maritime executives scratching their heads.

72% of cargo ships over 20,000GT ready to meet ECDIS deadline. *UK Hydrography Office* [Online]. 11 July 2017. Available from: <https://www.admiralty.co.uk/news/all-news/72-percent-of-cargo-ships-over-20000gt-ready-to-meet-ecdis-deadline> Almost three-quarters of cargo ships over 20,000 gross tonnage (GT) are already compliant with the SOLAS-mandated Electronic Chart Display and Information System (ECDIS) deadline of 1st July 2017, according to the latest figures published by the United Kingdom Hydrographic Office (UKHO).

China's ice breaker to try Arctic rim expedition. *Xinhuanet (China)* [Online]. 18 July 2017.

Available from: http://news.xinhuanet.com/english/2017-07/18/c_136452997.htm China's ice breaker Xuelong (Snow Dragon) will set sail on the country's eighth Arctic expedition Thursday, to attempt China's first circumnavigation of the Arctic rim, according to the Polar Research Institute of China.

PIRACY

Piracy situation still serious in the Gulf of Guinea. *European Community Shipowners' Associations (ECSA)* [Online]. 30 June 2017. Available from: <http://www.ecsa.eu/9-latest-news/313-piracy-situation-still-serious-in-the-gulf-of-guinea> European shipowners are concerned about the continued piracy, armed robbery attacks and kidnapping for ransom events in the Gulf of Guinea (GoG), and particularly off Nigeria. [Maritime security in the Gulf of Guinea: ECSA position](#) 

Newly issued report reveals 87 incidents of maritime piracy in first half of year. *International Chamber of Commerce (ICC)* [Online]. 4 July 2017. Available from: <https://iccwbo.org/media-wall/news-speeches/newly-issued-report-reveals-87-incidents-maritime-piracy-first-half-year/> Continuing decline in the number of reported incidents of maritime piracy and armed robbery against ships has been revealed in the second quarter piracy report of the ICC International Maritime Bureau (IMB), published today.

The human cost of piracy. By Ramola Talwar Badam. *The National (United Arab Emirates)* [Online]. 2 July 2017. Available from: <http://piracy.thenational.ae/>  The scourge of maritime robbery and hostage-taking is back.

Piracy in Australia's Neighbors. By Nathan Page, Policy Consultant, Center for Armed Violence Reduction. *The Diplomat* [Online]. 5 July 2017. Available from: <http://thediplomat.com/2017/07/piracy-in-australias-neighbors/> Contemporary piracy conjures images of Somali pirates off the horn of Africa.

Seychelles delivers a successful 20th Plenary of the Contact Group on Piracy off the Coast of Somalia. *Government of Seychelles* [Online]. 11 July 2017. Available from: http://www.mfa.gov.sc/static.php?content_id=36&news_id=1455 The Seychelles delegation has returned to Seychelles following the successful 20th Plenary of the Contact Group on Piracy Off the Coast of Somalia (CGPCS), which was co-hosted by the Indian Ocean Commission (IOC), and held at the InterContinental Hotel, Balaclava, Mauritius, from 5th to 7th July 2017.

Piracy and Armed Robbery Against Ships in Asia: Half-Yearly January-June 2017 Report. *ReCAAP* [Online]. 18 July 2017. Available from: http://www.recaap.org/DesktopModules/Bring2mind/DMX/Download.aspx?Command=Core_Download&EntryId=530&PortalId=0&TabId=78  A total of 36 incidents of piracy and armed robbery against ships (comprising 30 actual incidents and six attempted incidents) were reported during January-June 2017 in Asia. [Single-sheet Summary](#) 

Piracy watchdog urges rerouting ships in Sulu-Celebes Sea as sailors killed. By Sameer C. Mohindru. *S&P Global Platts* [Online]. 19 July 2017. Available from: <https://www.platts.com/latest-news/shipping/singapore/piracy-watchdog-urges-rerouting-ships-in-sulu-26775264> With the Philippine-based terrorist group, the Abu Sayyaf, executing three Vietnamese sailors this month, a regional watchdog on piracy has urged the shipping industry to exercise extreme caution and even re-route their vessels to avoid the dangerous areas.

Somali spike but global piracy still declining. By Jake Frith. *Maritime Journal* [Online]. 19 July 2017. Available from: <http://www.maritimejournal.com/news101/security-and-alarm-systems/somali-spike-but-global-piracy-still-declining> London-headquartered specialist risk consultancy Control Risks has recorded a 15% decrease in global maritime security incidents in the first half of 2017, compared with the same period in 2016.

The Somali pirates are back (SPOILER ALERT: they never really left). By Magnus Boding Hansen. *IRIN* [Online]. 19 July 2017. Available from:

<https://www.irinnews.org/feature/2017/07/19/somali-pirates-are-back-spoiler-alert-they-never-really-left> An IRIN investigation reveals the extent to which Somalia's pirates are back in business and this time it's as much about smuggling people and weapons.

Navy Extends Anti-piracy Operation by Six Months. By Paul Obi. *This Day (Nigeria)*

[Online]. 20 July 2017. Available from: <https://www.thisdaylive.com/index.php/2017/07/20/navy-extends-anti-piracy-operation-by-six-months/> Following the rising wave of maritime crimes in the nation's coastal territory, the Nigerian Navy has extended the duration of the ongoing anti-piracy operation, 'Operation Tsare Teku' till January 2018.

ReCAAP and OCIMF sign MoU on cooperation. By Marcus Hand. *Seatrade Maritime News*

[Online]. 25 July 2017. Available from: <http://www.seatrade-maritime.com/news/asia/recaap-and-ocimf-sign-mou-on-cooperation.html> Anti-piracy body ReCAAP has signed a Memorandum of Understanding (MoU) with the Oil Companies International Marine Forum (OCIMF).

PORT STATE CONTROL

ClassNK releases Annual Report on Port State Control. *ClassNK* [Online]. 6 July 2017.

Available from: <http://www.goo.gl/ysDgnG>

The report aims to assist ship operators and management companies in maintaining compliant operations by providing information about ships detained by PSC as well as deficiencies that were found on board from many port states in 2016.

[ClassNK Port State Control Annual Report June 2017](#) 

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

UK Maritime & Coastguard Agency [Online]. 6 July 2017. Available from:

<https://www.gov.uk/government/news/foreign-flagged-ships-under-detention-in-the-uk-during-june-2017> The Maritime and Coastguard Agency (MCA) announced today that eleven foreign flagged ships were under detention in UK ports during June 2017 after failing Port State Control (PSC) inspection.

M/V "ACORUS" IMO 8900684 refused access to the Paris MoU region.

Paris MoU on Port State Control [Online]. 14 July 2017. Available from:

<https://www.parismou.org/mv-acorus-imo-8900684-refused-access-paris-mou-region> The above named vessel was detained in Port of Asprogirpos (Elefsis) - Greece on 6 July 2017.

PORTS AND HARBOURS

E.U. Study Proposes Harmonized Port Environmental Fees. *Maritime Executive* [Online]. 29 June 2017. Available from: <http://www.maritime-executive.com/article/eu-study-proposes-harmonized-port-environmental-fees> With the exception of Sweden, which started rewarding green vessels in 1991, port environmental charging has only been implemented regularly in Europe since 2011, and there has been little standardization between ports.

Study on differentiated port infrastructure charges to promote environmentally friendly maritime transport activities and sustainable transportation: Final Report.

European Commission [Online]. June 2017. Available from: <https://ec.europa.eu/transport/sites/transport/files/2017-06-differentiated-port-infrastructure-charges-report.pdf> According to the United Nations Conference on Trade and Development (UNCTAD), around 80% of world trade in terms of volume is carried by sea, and this share is expected to grow considerably in the near future.

New Financing to Improve Efficiency and Improve Capacity at Port of Dar es Salaam.

World Bank [Online]. 2 July 2017. Available from: <http://www.worldbank.org/en/news/press-release/2017/07/02/new-financing-to-improve-efficiency-and-improve-capacity-at-port-of-dar-es-salaam> The capacity of the Port of Dar es Salaam will be increased to 25 million tons over the next seven years following the World Bank Board of Executive Directors' approval of a \$345 million credit and a \$12 million grant to the new Dar es Salaam Maritime Gateway Project (DSMGP).

EPA monitors cruise ship emissions in Hobart Port. *Environment Protection Authority (Australia)* [Online]. 30 June 2017. Available from:

<http://epa.tas.gov.au/pages/News.aspx?newsstory=3746> The Environment Protection Authority (EPA) has commenced monitoring local air quality in Hobart Port, providing live data via its website ahead of the next cruise ship season.

SKorea to co-finance Cebu container port project. By Mayvelin U. Caraballo. *Manila Times*

[Online]. 5 July 2017. Available from: <http://www.manilatimes.net/skorea-co-finance-cebu-container-port-project/336613/> The South Korean government will co-finance one of the flagship projects of the Duterte administration through an official development assistance (ODA) under the concessional loan offer made earlier by Seoul, the Department of Finance (DoF) said.

EU ports at risk too, UK Chamber of Shipping tells Brexit negotiators.

UK Chamber of Shipping [Online]. 5 July 2017. Available from: <https://www.ukchamberofshipping.com/latest/eu-ports-risk-too-uk-chamber-shipping-tells-brexit-negotiators/> Hard border controls will lead to increased bureaucracy and will threaten prosperity.

South Korea's Ulsan Port Authority fast-tracking oil storage project. By Surabhi Sahu.

S&P Global Platts [Online]. 3 July 2017. Available from: <https://www.platts.com/latest-news/shipping/singapore/interview-south-koreas-ulsan-port-authority-fast-26763866>

South Korea's Ulsan Port Authority is in talks with various foreign strategic investors to advance Phase I of its North East Asia Oil Hub Project, UPA President Jong Yeol Kang told S&P Global Platts in an interview on Friday.

Estonian Presidency of the European Union - FEPORT priorities on Digitalisation.

FEPORT (Federation of European Private Port Operators and Terminals) [Online]. 6 July 2017. Available from: <https://www.feport.eu/2014-11-18-12-05-27/news/news/315-estonian-presidency-of-the-european-union-feport-priorities-on-digitalisation> FEPORT supports the approach of the Estonian presidency and believes that the below mentioned four priorities constitute a consistent strategy for Europe.

Abu Dhabi Ports inaugurates Dh170m Delma Port. *Khaleej Times (United Arab Emirates)*

[Online]. 6 July 2017. Available from: <http://www.khaleejtimes.com/business/abu-dhabi-ports-inaugurates-dh170m-delma-port> Abu Dhabi Ports has officially inaugurated the new Delma Port, which will better serve the community as an upgraded multipurpose port capable of handling cargo, passenger ferries and fishing vessels.

Dar es Salaam Maritime Gateway Project: Fact Sheet. *World Bank* [Online]. 2 July 2017.

Available from: <http://www.worldbank.org/en/country/tanzania/brief/dar-es-salaam-maritime-gateway-project-fact-sheet> The Dar es Salaam Maritime Gateway Project (DSMGP) is a new project financed by the World Bank through an International Development Association Scale-up Facility credit.

Maritime Workers to Shut down Ports Tuesday. *By Eromosele Abiodun. This Day (Nigeria)*

[Online]. 10 July 2017. Available from: <https://www.thisdaylive.com/index.php/2017/07/10/maritime-workers-to-shut-down-ports-tuesday/> Two industrial unions in the Nigerian maritime industry are set to cripple activities at the nation's seaports Tuesday over a proposed amendment to the Nigerian Ports Authority (NPA) Act.

China, France eye Gambian port upgrade to rival Dakar. *By Emma Farge. Reuters* [Online].

7 July 2017. Available from: <http://uk.reuters.com/article/us-gambia-economy-idUKKBN19S1EO> Chinese and French companies are bidding to help Gambia build up its Atlantic port Banjul to be what industry sources say could be a rival to neighboring Senegal's Dakar.

Ports May Help Cut Shipping GHGs. *Port Technology International* [Online]. 10 July 2017.

Available from: https://www.porttechnology.org/news/ports_may_help_imo_cut_shipping_ghgs Member countries have agreed on the outline of an IMO plan to cut Greenhouse Gas emissions (GHG) from global shipping, but the devil will be in the details, such as who will pay for greener technology.

Maersk's port in Costa Rica postponed another six months. *ShippingWatch* [Online].

10 July 2017. Available from: <http://shippingwatch.com/secure/Ports/article9714790.ece> Maersk Group's port division APM Terminals will have to work a little while longer on a major project in Costa Rica.

DP World and Indonesian Government sign agreement to develop port and trade infrastructure. *DP World* [Online]. 17 July 2017.

Available from: http://web.dpworld.com/wp-content/uploads/2017/07/2017_07_17_DP-World_Indonesia_Agreement_En.pdf

An agreement was signed yesterday between global trade enabler DP World and Indonesian government and port officials to advise on the development of the Kuala Tanjung greenfield port and logistics zone and Belawan port in North Sumatra.

All roads lead to a sustainable port by 2050. *Port of Rotterdam* [Online]. 18 July 2017.

Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/all-roads-lead-to-a-sustainable-port-by-2050> As signatories to the Paris Climate Agreement, the Netherlands and 194 other countries around the world have agreed to jointly fight climate change.

Port of Rotterdam wants more state support. By Katrine Grønvald Raun. *ShippingWatch* [Online]. 21 July 2017. Available from: <http://shippingwatch.com/secure/Ports/article9736387.ece> The Dutch state should show more support for the Port of Rotterdam, says the port in relation to its half-year interim report, which shows growth in freight volumes for the major European port.

About RM5b needed to expand 3 Malaysian ports, says RAM Ratings. *The Star (Malaysia)* [Online]. 19 July 2017. Available from: <http://www.thestar.com.my/business/business-news/2017/07/19/about-rm5b-needed-to-expand-3-malaysian-ports-says-ram-ratings/> About RM5bil would be needed over the next five years for the expansion of Kuantan Port, Sapangar Bay Container Port and Port of Tanjung Pelepas, says RAM Ratings.

Yangtze River Delta ports improve global standing. By Wang Ying. *China Daily.Com* [Online]. 21 July 2017. Available from: http://usa.chinadaily.com.cn/epaper/2017-07/21/content_30202254.htm Ports along the Yangtze River Delta region have managed to elevate their position on the global stage in the past 20 years because of a concerted effort by the authorities to coordinate their development, according to Xu Guoyi, an official from the Shanghai regional ports management committee.

Official signing of the concession agreement for the Containers Terminal of the new Port of Kribi (Cameroon). CMA CGM [Online]. 25 July 2017. Available from: <https://www.cma-cgm.com/news/1693/official-signing-of-the-concession-agreement-for-the-containers-terminal-of-the-new-port-of-kribi-cameroon-> The CMA CGM Group is pleased to announce that on July 25, 2017, the official signing ceremony for the concession agreement of the new container terminal was held in Kribi, Cameroon, chaired by the Minister for Transport, Mr Edgar Alain Mébé Ngo'o.

Davao City LGU terminate P39-billion port joint venture. *Philippine Information Agency* [Online]. 27 July 2017. Available from: <http://pia.gov.ph/news/articles/1541501137713> The local government of Davao City has decided to terminate the joint venture with the Mega Harbour Port and Development Corporation for the planned P39-billion Davao Coastline and Development Project.

RECYCLING OF SHIPS

The EU needs to tackle the issue of ship-breaking and pave the way for Europe's recycling industry. *European Economic and Social Committee (EESC)* [Online]. 30 June 2017. Available from: <http://www.eesc.europa.eu/?i=portal.en.news.43816> A financial instrument is needed to ensure compliance with the EU Ship Recycling Regulation While the EU's 2013 Ship Recycling Regulation (SRR) effectively bans "beaching" (ship-breaking on beaches) and lays down rules and standards for safe and sustainable recycling of European ships.

DOE Open to Ship Recycling. *Financial Tribune (Iran)* [Online]. 2 July 2017. Available from: <https://financialtribune.com/articles/environment/67407/doe-open-to-ship-recycling> The Department of Environment is opposed to the highly-polluting practice of shipbreaking, but might allow the establishment of a recycling center if certain conditions are met, according to a senior DOE official.

Legal status of ship recycling. *Lexology* [Online]. 5 July 2017. Available from: <http://www.lexology.com/library/detail.aspx?g=d1f47ad6-b6e8-47ed-aa3c-e8feefdb85dd> When a ship has reached the end of its life, its owner is faced with the decision of how to dispose of it in a manner that is both commercially viable and environmentally sustainable.

Costa Concordia Recycling Complete. *Maritime Executive* [Online]. 7 July 2017. Available from: <http://maritime-executive.com/article/costa-concordia-recycling-complete>
The dismantling and recycling of the *Costa Concordia* has been completed in Genoa.

ClassNK issues Hong Kong Convention Statement of Compliance to a ship recycling facility in Turkey. *ClassNK* [Online]. 12 July 2017. Available from: https://www.classnk.or.jp/hp/en/hp_news.aspx?id=2428&type=press_release&layout=5
Leading classification society ClassNK (Chairman and President: Koichi Fujiwara) has issued a Statement of Compliance (SoC) to a ship recycling facility in Izmir, Turkey, ISIKSAN SHIP RECYCLING and TRADING Co. Ltd. (Company Manager: Ömer DOĞAN), verifying that the facilities are in line with the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (HKC).

Consultation on the draft Ship Recycling Regulations 2017. *UK Maritime & Coastguard Agency* [Online]. 21 July 2017. Available from: <https://www.gov.uk/government/consultations/consultation-on-the-draft-ship-recycling-regulations-2017>
Maritime and Coastguard Agency's proposals for implementing an effective enforcement regime for the EU Ship Recycling Regulation through the proposed Ship Recycling (Requirements in relation to Hazardous Materials on Ships) Regulations 2017.

REGULATIONS

Ongoing Discussion at IMO and EU Levels Could Still Impact 2020 Compliance Decisions, Says Hapag-Lloyd. *Ship & Bunker* [Online]. 30 June 2017. Available from: <https://shipandbunker.com/news/world/853683-ongoing-discussion-at-imo-and-eu-levels-could-still-impact-2020-compliance-decisions-says-hapag-lloyd>
While a switch to low sulfur fuel is the most likely choice for compliance with the 0.50 percent global sulfur cap on bunkers coming into force in 2020, Hapag-Lloyd AG believes the decision could still be influenced by several issues currently under discussion at the International Maritime Organization (IMO) and European Union (EU) levels, Wolfram Guntermann, Director of Environmental Fleet Management has told Ship & Bunker.

"Ballast Water Management: Regulation should not distort the market's level playing field". *International Association of Dry Cargo Shipowners (INTERCARGO)* [Online]. 29 June 2017. Available from: https://www.intercargo.org/en/?option=com_attachments&task=download&id=467  In view of the International Maritime Organisation's (IMO) Marine Environment Protection Committee upcoming meeting (MEPC 71 during 3-7 July 2017), INTERCARGO re-iterates its welcoming the entry into force of the Ballast Water Management (BWM) Convention in September.

Norway tables compromise over IMO ballast deadline. By Adam Corbett. *Transas Group* [Online]. 28 June 2017. Available from: <http://www.tradewindsnews.com/casualties/1291120/norway-tables-compromise-over-imo-ballast-deadline>
Proposal seeks to meet the needs of shipowners and regulators that have been at loggerheads over mandating ballast water treatment equipment.

Ballast water convention extension looms large. By Anastassios Adamopoulos. *Lloyd's List* [Online]. 3 July 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL108964/Ballast-water-convention-extension-looms-large>
Shipowners complaining of excessive incoming environmental regulation are expected to be able to catch their breath next week, as the International Maritime Organization makes a decision on whether to extend the entry into force date of the Ballast Water Management Convention.

Acceptable U.S. Ballast Water Management Methods vs. BWM Convention Methods.

US Coast Guard Maritime Commons [Online]. 5 July 2017. Available from:

<http://mariners.coastguard.dodlive.mil/2017/07/05/acceptable-u-s-ballast-water-management-methods-vs-bwm-convention-methods/>

Non-recreational vessels, U.S. and foreign, that are equipped with ballast tanks are required to comply with the U.S. ballast water regulations provided in Title 33 Code of Federal Regulations (CFR) Part 151 Subparts C & D when operating in the waters of the United States, except as expressly provided in 33 CFR 151.2015 & 151.2020.

Shipping companies working with class to prepare for EU MRV. By Bob Jaques.

Seatrade Maritime News [Online]. 7 July 2017. Available from:

<http://www.seatrade-maritime.com/news/europe/shipping-companies-working-with-class-to-prepare-for-eu-mrv.html>

With the entry into force of the EU MRV (Monitoring, Reporting and Verification) regulation on CO2 emissions looming, shipowners are busy preparing monitoring plans for pre-approval by class societies or other emissions verification bodies.

Shipowners get two-year reprieve for ballast water convention. By Lee Hong Liang.

Seatrade Maritime News [Online]. 10 July 2017. Available from:

<http://www.seatrade-maritime.com/news/europe/shipowners-get-two-year-reprieve-for-ballast-water-convention.html>

Shipowner have gotten a two-year reprieve on the retrofitting of ballast water treatment systems as the IMO has decided to delay the implementation of the convention until 2019.

Ballast water: a reprieve is just a reprieve. By Helen Kelly. *Lloyd's List* [Online]. 7 July 2017.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL109016/Ballast-water-a-reprieve-is-just-a-reprieve> A two-year reprieve has been granted for compliance with the Ballast Water Management Convention, giving some vessels until 2024 to fully comply.

ICS and Liberia welcome amendments to ballast water convention. By Lee Hong Liang.

Seatrade Maritime News [Online]. 11 July 2017. Available from:

<http://www.seatrade-maritime.com/news/europe/ics-and-liberia-welcome-amendments-to-ballast-water-convention.html>

The International Chamber of Shipping (ICS) and the Liberia Maritime Administration have welcomed the IMO's decision to delay the implementation of the Ballast Water Management (BWM) Convention.

UK issues Ship-to-Ship transfers implementation review. *Safety 4 Sea* [Online].

10 July 2017. Available from:

<http://www.safety4sea.com/uk-issues-ship-to-ship-transfers-implementation-review/> The UK Department for Transport issued a post-implementation review of the ship-to-ship transfer regulations, informing that the targets and intended effects of the regulations have been achieved.

Liberia Hails BWMC Amendments As Good For Shipping And Environment.

By A Wilson. *Liberian Registry* [Online]. 11 July 2017. Available from:

<http://www.liscr.com/blog/liberia-hails-bwmc-amendments-good-shipping-and-environment>

The Liberian Maritime Administration has welcomed an agreement reached by the IMO Marine Environment Protection Committee (MEPC) on an implementation schedule for the Ballast Water Management Convention (BWMC) which broadly incorporates the terms of an amendment initially proposed by Liberia.

Has ballast water been kicked into the long grass? By Richard Clayton. *Lloyd's List*

[Online]. 11 July 2017. Available from:

<http://www.goo.gl/SKCw3n> After all the huffing and puffing over the unloved ballast water management convention, the International Maritime Organization did the decent thing last week and incorporated language that defers the implementation schedule for existing ships for two years.

EU MRV Regulations. *Standard Club* [Online]. 14 July 2017. Available from: <http://www.standard-club.com/news-and-knowledge/news/2017/07/web-alert-eu-mrv-regulations.aspx> The European Union Monitoring, Reporting and Verification (EU MRV) of CO2 emissions from maritime transport regulation entered into force in July 2015.

IMO Ballast Water delay prompts revision of intermediate-term tanker supply view. By Nikos Roussanoglou. *Hellenic Shipping News* [Online]. 18 July 2017. Available from: <http://www.hellenicshippingnews.com/%CE%B9mo-ballast-water-delay-prompts-revision-of-intermediate%E2%80%90term-tanker-supply-view/> In its latest weekly report, shipbroker Charles R. Weber noted that "in a development that caught many industry participants off guard, the IMO agreed last week to urging by a number of flag-states to delay enforcement of Ballast Water Management Convention (BWMC) compliance for existing vessels from September 2017 to September 2019.

Interview: BWM Rules Threaten Small-Sized Ships. *World Maritime News* [Online]. 17 July 2017. Available from: <http://worldmaritimenews.com/archives/223966/interview-bwm-rules-threaten-small-sized-ships/> Interview with Christos Efstathiou, Technical Director, INSB Class - An amended implementation scheme for ships to comply with the D-2 biological standard under the Ballast Water Management Convention (BWMC) was tentatively accepted at the 71st session of the IMO Marine Environment Protection Committee (MEPC 71).

ABS Updates Advisory Ahead of Impending 2020 Global Sulfur Cap. *ABS (American Bureau of Shipping)* [Online]. 17 July 2017. Available from: <https://www.eagle.org/en/news/press-room/2017/ABS-Updates-Advisory-Ahead-of-Impending-2020-GSCap.html> ABS Scrubber Advisory offers comprehensive guidance on the latest available exhaust gas abatement technologies.
[ABS Advisory on Exhaust Gas Scrubber Systems](#) 

RS about BWM Convention. *Port News* [Online]. 17 July 2017. Available from: <http://portnews.ru/comments/2358/> The IMO Ballast Water Management Convention (BWMC 2004) will enter into force on 8 September 2017.

DNV GL releases updated DNV GL NOx TIER III compliance guide. By Nikos Späth. *DNV GL* [Online]. 20 July 2017. Available from: <https://www.dnvgl.com/news/dnv-gl-releases-updated-dnv-gl-nox-tier-iii-compliance-guide-98168> To ensure the success of any newbuilding plan, shipowners should carefully consider the future operation of their vessels in the newbuilding planning stage, including the implications of the different technological solutions for reducing NOx emissions and how to fulfil the NOx Tier III requirements.

Autonomous Ships: Regulations Left in Their Wake? By Michael F. Merlie, partner, *Gawthrop Greenwood, PC.* *Maritime Executive* [Online]. 18 July 2017. Available from: <https://www.maritime-executive.com/editorials/autonomous-ships-regulations-left-in-their-wake> Autonomous vehicles are expected to increase safety while also resulting in significant cost savings in the transportation of goods.

Friday Focus: Compliance Doubts Around SOLAS VGM. *Port Technology International* [Online]. 21 July 2017. Available from: <https://www.porttechnology.org/news/the-truth-about-solas>  Simon Everett, Managing Director at Strainstall, a leading provider of container weighing systems, has told Port Technology that national bodies across the world are still "getting to grips" with the directive that protects the safety of ships and workers both on board and ashore when handling cargo.

Unravelling the BWMC and tankers. *Tanker Operator* [Online]. 21 July 2017. Available from: <http://www.tankeroperator.com/news/unravelling-the-bwmc-and-tankers/8822.aspx> The impact of the forthcoming Ballast Water Management Convention (BWMC) on future demolition levels has been discussed for some time.

IMO buckles before shipping lobby over BWM Convention. By Michael Grinter. *Hong Kong Maritime Hub* [Online]. 24 July 2017. Available from: <http://www.hongkongmaritimehub.com/imo-buckles-shipping-lobby-bwm-convention/> News that the implementation schedule for the fitting of ballast water systems has been deferred for two years induced a collective sigh of relief among shipowners around the world last week.

States Under-Equipped to Enforce SOLAS VGM. *Port Technology International* [Online]. 24 July 2017. Available from: https://www.porttechnology.org/news/governments_under_equipped_to_enforce_solas_vgm TT Club, a provider of insurance and related risk management services, has revealed that government authorities across the world may be under-equipped to enforce Safety of Life at Sea (SOLAS) Verified Gross Mass (VGM) rules and protect the safety of ships and workers both on board and ashore when handling cargo.

Interview: Owners Lack Trust in BWMS Technical Capability. *World Maritime News* [Online]. 25 July 2017. Available from: <http://worldmaritimenews.com/archives/224006/interview-owners-lack-trust-in-bwms-technical-capability/> Interview with Yildiz Williams, Senior Marine Consultant, Lloyd's Register - As the entrance into force of the Ballast Water Management Convention (BWMC) approaches, the industry's sentiment on retrofitting ships with BWM systems seems to shift more to the negative side, based on several industry bodies World Maritime News spoke with.

"Don't Do Me Like That" - IMO Bunker Rules to Provide Major Challenges to Anode Coke Markets. By John Auers and Stuart Ehrenreich. *Ship & Bunker* [Online]. 26 July 2017. Available from: <https://shipandbunker.com/news/world/807938-dont-do-me-like-that-imo-bunker-rules-to-provide-major-challenges-to-anode-coke-markets> The decision last October by the International Maritime Organization (IMO) to move forward with significant lowering the sulfur content of bunker fuel on January 1, 2020 has been causing serious hand wringing in both the oil and shipping industries.

SALVAGE

MV Theresa Arctic salvaged. *Kenya Ports Authority* [Online]. 13 July 2017. Available from: <https://www.kpa.co.ke/Pages/MV-Theresa-Arctic-salvaged-.aspx> The MV *Theresa Arctic* vessel which grounded off the Kilifi Port entrance channel two weeks ago was finally salvaged on Wednesday.

Big salvage operation set for Lomar boxship. By Nick Roumpis. *TradeWinds* [Online]. 24 July 2017. Available from: <http://www.tradewindsnews.com/liner/1313931/big-salvage-operation-set-for-lomar-boxship> A major operation to remove fuel and lubricating oil from a grounded Lomar Shipping containership is underway.

SEAFARERS

Nigerian ship owners urged to employ indigenous seafarers. *Vanguard (Nigeria)* [Online]. 2 July 2017. Available from: <http://von.gov.ng/nigerian-ship-owners-urged-employ-indigenous-seafarers/> The Director-General, Nigerian Maritime Administration and Safety Agency (NIMASA), Dr Dakuku Peterside, has urged ship owners to employ Nigerian seafarers and give their welfare a priority attention to further develop the nation's shipping sector.

AoS supports crew stranded in Aberdeen. *Independent Catholic News (ICN)* [Online]. 2 July 2017. Available from: <http://www.indcatholicnews.com/news/32911> During their annual reception, staff and supporters of the Apostleship of the Sea heard first-hand about the plight of a group of abandoned seafarers in Aberdeen and how the charity is supporting them.

Nearly 100 Indian sailors stranded in UAE waters. By Sajila Saseendran. *Gulf News* [Online]. 1 July 2017. Available from: <http://m.gulfnews.com/news/uae/society/nearly-100-indian-sailors-stranded-in-uae-waters-1.2051627> Nearly 100 Indian sailors aboard 22 ships have been stranded in UAE waters and have sought the help of the Indian Consulate General in Dubai, the mission has revealed.

Hope for Tanzania's 50,000 seafarers as Parliament ratifies international laws. *The Citizen (Tanzania)* [Online]. 28 June 2017. Available from: <http://www.thecitizen.co.tz/News/Hope-for-Tanzania-s-50-000-seafarers-as-Parliament-ratifies/1840340-3991156-meqf36z/index.html> Tanzania has joined 91 other countries across the world to ratify international laws on the work of seafarers, sending a ray of hope to over 50,000 Tanzanians who work in various ships in and outside the country.

Norway's new seafarer salary scheme welcomed. By Sam Chambers. *Splash 24/7* [Online]. 4 July 2017. Available from: <http://splash247.com/norways-new-seafarer-salary-scheme-welcomed/> The Norwegian government's new salary scheme for seafarers, which came into effect over the weekend, means companies employing Norwegian seafarers on NIS vessels will be reimbursed all added salary taxes, a move welcomed by many local owners including Odfjell.

Relief for two stranded Indian sailors. By Sajila Saseendran. *Gulf News* [Online]. 4 July 2017. Available from: <http://gulfnews.com/news/uae/society/relief-for-two-stranded-indian-sailors-1.2053341> Two Indian sailors stranded in UAE waters have been assured financial support by their state governments, the Indian Consulate in Dubai has confirmed.

Abandoned sailors must prosecute employers, UAE official says. By Sajila Saseendran. *Gulf News* [Online]. 4 July 2017. Available from: <http://gulfnews.com/news/uae/society/abandoned-sailors-must-prosecute-employers-uae-official-says-1.2053338> Sailors abandoned by their companies must take their employers to court, the chief of UAE's Federal Transport Authority (FTA) for Land and Maritime said.

ITF coordinates support for crew left stranded in Aden. *International Transport Workers' Federation* [Online]. 3 July 2017. Available from: <http://www.itfglobal.org/en/news-events/news/2017/june/itf-coordinates-support-for-crew-left-stranded-in-aden/> The ITF has used its global reach to coordinate a successful effort to support a crew left stranded in the port of Aden, in conflict-ridden Yemen.

Crew of Maltese-registered ship still held in Greece after six weeks. *Times of Malta*

[Online]. 11 July 2017. Available from:

<https://www.timesofmalta.com/articles/view/20170711/local/crew-of-maltese-registered-ship-still-held-in-greece-after-six-weeks.652999>

The wife of the Ukrainian captain of a Maltese-registered ship is calling on Greek authorities to release him and his crew after six weeks of captivity.

New case of seafarer abuse exposed on UAE flagged vessel. *Human Rights at Sea (HRAS)*

[Online]. 13 July 2017. Available from:

<https://www.humanrightsatsea.org/new-case-of-seafarer-abuse-exposed-on-uae-flagged-vessel/>

Human Rights at Sea today publishes a further detailed case study and investigatory report into the abuse of seafarers provided by first-hand crew testimony onboard a UAE flagged vessel moored offshore the UAE coast owned by Alco Shipping Services. [Breach of Seafarers Human Rights and Their Abandonment: Crew Evidence and Impact Statements](#) 

On land or ship, port chaplains offer comfort to seafarers of the world. By Wendy Cadge.

The Conversation [Online]. 12 July 2017. Available from:

<https://theconversation.com/on-land-or-ship-port-chaplains-offer-comfort-to-seafarers-of-the-world-79974>

Boston celebrated its maritime heritage in June by welcoming tall ships from around the world into Boston Harbor for the celebratory event, Sail Boston.

Seminar and Workshop in Shanghai on Seafarers' Welfare. *International Seafarers' Welfare and Assistance Network (ISWAN)* [Online]. 14 July 2017. Available from:

<http://seafarerswelfare.org/news-and-media/latest-news/seminar-and-workshop-in-shanghai-on-seafarers-welfare>

It was a full house at the first 'Maritime Silk Road Ports & Seafarers Seminar' held in Shanghai on 7th July - organised by the ISWAN International Port Welfare Partnership (IPWP) programme, the event was attended by over 100 representatives from the Shanghai regional maritime sector.

More must be done to provide connectivity for our Seafarers. *Mission to Seafarers* [Online].

18 July 2017. Available from:

<https://www.missiontoseafarers.org/news/more-must-be-done-to-provide-connectivity-for-our-seafarers>

Seafarers can be on vessels for months at a time, while at home the world keeps turning without them.

ISP: Employment for local seafarers depleting. By Erwin P Nicavera. *Sun Star (Philippines)*

[Online]. 17 July 2017. Available from:

<http://www.sunstar.com.ph/bacolod/business/2017/07/17/isp-employment-local-seafarers-depleting-553355>

Employment opportunities for Filipino seafarers are depleting mainly due to the global shipping market downturn.

Modern slavery in UK waters "cannot be tolerated". *International Transport Workers' Federation* [Online].

20 July 2017. Available from:

<http://www.itfglobal.org/en/news-events/press-releases/2017/july/modern-slavery-in-uk-waters-cannot-be-tolerated/>

The ITF (International Transport Workers' Federation) has successfully supported the crew in three ship abandonment cases in UK waters that show a culture close to modern day slavery in some parts of the shipping industry.

Government has no plans to help seafarers phone home. *Nautilus International* [Online].

19 July 2017. Available from:

<https://nautilusint.org/en/what-we-say/nautilus-news/government-has-no-plans-to-help-seafarers-phone-home/>

No plans are being put in place to help British seafarers call home when they do not have access to a UK mobile service, the shipping minister has stated.

Horrors of Crewing a Flag of Convenience Merchant Vessel Revealed in UK Port Seizures. *Handy Shipping Guide* [Online]. 22 July 2017. Available from:

<http://handyshippingguide.com/shipping-news/horrors-of-crewing-a-flag-of-convenience-merchant-vessel-revealed-in-uk-port-seizures-8233> Following our recent piece on the *M/V Seccadi*, a freighter registered under a flag of convenience and held by the British authorities after non-payment of crew wages and the discovery of disgusting conditions on board, comes more information regarding this and two other ships similarly flagged as Panamanian and also crewed by personnel abandoned by the vessels owners and operators.

MV Liberty Prrudencia crew finally repatriated. *Human Rights at Sea (HRAS)* [Online].

22 July 2017. Available from: <https://www.humanrightsatsea.org/mv-liberty-prrudencia-crew-finally-repatriated-home/> Human Rights at Sea is delighted to be able to pass on the confirmed news that all 16 of the former crew of the *MV Liberty Prrudencia* are being repatriated home tomorrow (Sunday 23 July 2017) to their families, and that their wages have been finally paid after the charity and other organisations, including the ITF, the Indian Consulate and ship managers were first alerted to their plight in February of this year.

What can be done to enhance the welfare of Nigerian seafarers? *Ship & Ports (Nigeria)*

[Online]. 24 July 2017. Available from: <http://shipsandports.com.ng/can-done-enhance-welfare-nigerian-seafarers/> A minimum standard must be set in terms of wages for cabotage and inland waterways.

IMarEST's Guild of Benevolence helps stranded Seccadi crew, now returned home.

Institute of Marine Engineering, Science and Technology (IMarEST) [Online]. 24 July 2017. Available from: <https://www.imarest.org/policy-news/institute-news/item/3500-imarest-s-guild-of-benevolence-helps-stranded-seccadi-crew-now-returned-home> The IMarEST's Guild of Benevolence made funds available to support the crew of both this vessel and *MV Toba*, also under detention.

Advisory for seafarers. *Consulate General of India, Dubai* [Online]. 25 July 2017.

Available from: <http://www.cgidubai.org/advisory-for-seafarers/> A number of cases of Indian seafarers in distress on ships have been brought to the attention of Consulate General of India, Dubai in the past few months.

Seafarers: New measures to improve working conditions. *European Commission* [Online].

27 July 2017. Available from: http://europa.eu/rapid/press-release_IP-17-2141_en.htm The European Commission is proposing that an agreement between social partners to improve the working conditions of seafarers on board of EU-flagged vessels, be enshrined in EU law.

Changes in seafarers' health 2011-2016: A summary report. By Helen Sampson, Neil Ellis, Iris Acejo, and Nelson Turgo. *Seafarers International Research Centre (SIRC)* [Online]. July 2017. Available from:

<http://www.sirc.cf.ac.uk/Uploads/Publications/Changes%20in%20seafarers%27%20health%202011-2016.pdf>  This report sets out to provide a brief overview of the results of a questionnaire administered in both 2011 and 2016 relating to seafarers' health and medication.

SEARCH AND RESCUE

Combined maritime search and rescue. *Combined Maritime Forces* [Online]. 29 June 2017. Available from: <https://combinedmaritimeforces.com/2017/06/29/combined-maritime-search-and-rescue/> On the morning of 26th June at 0237 UK time the Merchant Tanker (MT) *Rama 2* put out a "Mayday" call that was passed to the UK Maritime Trade Operations (UKMTO) office in Dubai.

Somali sailors rescued through combined effort. *Combined Maritime Forces* [Online]. 27 June 2017. Available from: <https://combinedmaritimeforces.com/2017/06/27/somali-sailors-rescued-through-combined-effort/> A routine patrol for a warship turned into a lifeline for Somali sailors stranded in a skiff that had been floating for seven days.

Dover and Ramsgate lifeboats launched after major collision in English Channel. By Paul Dunt. *Royal National Lifeboat Institution (RNLI)* [Online]. 1 July 2017. Available from: <https://rnli.org/news-and-media/2017/july/01/dover-and-ramsgate-lifeboats-launched-after-a-major-collision-in-the-english-ch> The UK Coastguard called for the immediate launch of the Dover and Ramsgate RNLI all-weather lifeboats just after 2.15am on Saturday 1 July following reports that a bulk carrier and crude oil tanker, with a total of 49 people on board the two vessels, had collided and were at a complete stop.

SAR in Action: Seventh Pacific Regional Search and Rescue Workshop. *Defense Video Imagery Distribution System (DVIDS)* [Online]. 1 July 2017. Available from: <https://www.dvidshub.net/news/240033/sar-action-seventh-pacific-regional-search-and-rescue-workshop> Search and rescue governance is an important element in the Pacific where vast distances and limited resources make saving lives all the more challenging.

Defend Europe boat tries to block migrant rescues. *Aljazeera* [Online]. 16 July 2017. Available from: <http://www.aljazeera.com/news/2017/07/defend-europe-boat-block-migrant-rescues-170717070055413.html> As Defend Europe sets sail in hope of turning refugees back, UK anti-racism monitor issues warning over migrant safety.

New Zealand signs new search and rescue arrangement with Chile. *Maritime New Zealand* [Online]. 20 July 2017. Available from: <http://www.maritimenz.govt.nz/public/news/media-releases-2017/20170720a.asp> A new arrangement was signed today between New Zealand and the Republic of Chile, which aims to ensure collaboration and assistance between both countries for improved search and rescue coordination in their regions.

Singapore Invests in New Satellite Technology to Enhance Search and Rescue Capabilities. *Maritime and Port Authority of Singapore (MPA)* [Online]. 24 July 2017. Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/5286f3cb-4011-49f7-b8fa-10a96977ce54> The Civil Aviation Authority of Singapore (CAAS) and Maritime and Port Authority of Singapore (MPA) have invested in a new Medium-altitude Earth Orbit Search and Rescue (MEOSAR) ground system to enhance search and rescue capabilities in Singapore's maritime and aeronautical Search and Rescue Regions (SRRs).

The Tangled Politics of Search and Rescue Operations in the Mediterranean. By Kimberly Curtis. *UN Dispatch* [Online]. 21 July 2017. Available from: <https://www.undispatch.com/tangled-politics-search-rescue-operations-mediterranean/> Since the early 1990s, North Africa has served as a jumping point for migrants trying to reach Europe.

Chinese, Hong Kong SAR Forces Rescue Freighter Crew. *Maritime Executive* [Online]. 24 July 2017. Available from: <http://maritime-executive.com/article/chinese-hong-kong-sar-agencies-rescue-freighter-crew> On Sunday, rough conditions from Typhoon Roke led to the capsizing of the Chinese freighter *Nan Hui 68* off Huizhou, China.

UK P&I Club: Search and rescue operations in the Mediterranean. By Amanda Hastings, Claims Executive, UK P&I Club. *Human Rights at Sea (HRAS)* [Online]. 24 July 2017. Available from: <https://www.humanrightsatsea.org/uk-pi-club-search-and-rescue-operations-in-the-mediterranean/> "Summer is once again upon us and the media coverage surrounding the refugee and migrant crisis in the Mediterranean continues, as do the criticisms of Operation Triton.

EUNAVFOR MED Operation Sophia: mandate extended until 31 December 2018. *Council of the European Union* [Online]. 25 July 2017. Available from: <http://www.consilium.europa.eu/en/press/press-releases/2017/07/25-eunavformed-sophia-mandate-extended/> On 25 July 2017, the Council extended the mandate of the EUNAVFOR MED Operation Sophia until 31 December 2018. EUNAVFOR MED Operation Sophia is the EU naval operation disrupting the business model of migrant smugglers and human traffickers in the Southern Central Mediterranean.

MSF statement following meeting at Italian Ministry of Interior re Code of Conduct for SAR NGOs. *Médecins Sans Frontières (MSF)* [Online]. 25 July 2017. Available from: <http://prezly.msf.org.uk/msf-statement-following-meeting-at-italian-ministry-of-interior-re-code-of-conduct-for-sar-ngos> Today (July 25) a meeting was held at the Italian Ministry of Interior to start a consultation process on the Code of Conduct that has been proposed to regulate the work of humanitarian organisations involved in search and rescue in the Central Mediterranean sea.

Pressure grows from migrant crisis in the Med with commercial ships rescuing 14,000 last year. By Alexander Whiteman. *The Loadstar* [Online]. 26 July 2017. Available from: <https://theloadstar.co.uk/pressure-grows-migrant-crisis-med-commercial-ships-rescuing-14000-last-year/> Shipping lines are coming under increased pressure from the refugee and migrant crisis in the Mediterranean since the EU replaced Italy's Mare Nostrum programme with border control body Frontex's Operation Triton.

SHIPBUILDING AND SHIPREPAIR

Shipbuilding Cycles: Lessons From The Past? By Sarinka Parry-Jones. *Clarksons Research* [Online]. 30 June 2017. Available from: <https://sin.clarksons.net/features/details/49286> Shipping is a cyclical industry and for shipyards the current trough in newbuilding orders has put further pressure on capacity.

Engineering, production and life-cycle management for the complete construction of large-length FIBRE-based SHIPs. *European Commission* [Online]. May 2017. Available from: http://cordis.europa.eu/project/rcn/210787_en.html The main objective of the FIBRESHIP project is to create a new EU-market to build complete large-length ships in FRP (Fibre-Reinforced Polymers) enabling its massive application.

SHIPPING

Stakeholders Suggest Ways to Explore Opportunities in Maritime Industry.

By Peter Uzoho. *This Day (Nigeria)* [Online]. 30 June 2017. Available from:

<http://www.thisdaylive.com/index.php/2017/06/30/stakeholders-suggest-ways-to-explore-opportunities-in-maritime-industry/>

Maritime industry players have said that good management models, strategies, and policies are needed to tap from the huge opportunities in the industry, which they said could serve as alternative source of revenue to Nigeria and Africa.

Shipping's environmental commitments head for crunch point.

By Anastassios Adamopoulos. *Lloyd's List* [Online]. 3 January 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL108931/Shipings-environmental-commitments-head-for-crunch-point>

The International Maritime Organization is in a race against time as member states and non-governmental organisations prepare to convene at its headquarters in London next week.

Shipping Still the Locomotive of the Greek Economy, with 136 billion euros contributed during 2007 – 2016 period.

Hellenic Shipping News [Online]. 4 July 2017. Available from:

<http://www.hellenicshippingnews.com/shipping-still-the-locomotive-of-the-greek-economy-with-136-billion-euros-contributed-during-2007-2016-period/>

In its 2017 Annual Report, the Union of Greek Shipowners (UGS) reiterated that 2016 was another tough year for both the Greek economy and Greek shipping.

Striving to ensure quality maritime services.

Ceylon Today (Sri Lanka) [Online]. 4 July 2017. Available from:

<http://www.ceylontoday.lk/print20170401CT20170630.php?id=24698>

While noting Sri Lanka is well on its way towards becoming a main trans-shipment centre in the region, Minister of Ports and Shipping Mahinda Samarasinghe said the country is also striving to provide ancillary maritime services for the global shipping community at a competitive price and are constantly looking to upgrade the quality and range of those services.

Russia to organize special company to manage Northern Sea Route.

TASS Russian News Agency [Online]. 30 June 2017. Available from:

<http://tass.com/economy/954203>

Russia's Minister for Development of the Far East Alexander Galushka said the Northern Sea Route would be managed by a separate organization.

Chokepoints and Food Security Threats: A Closer Look.

By Laura Wellesley, Dr Conor Walsh, and Captain Andrew E. Tucci. *Chatham House Royal Institute of*

International Affairs [Online]. 29 June 2017. Available from:

<https://www.chathamhouse.org/expert/comment/chokepoints-and-food-security-threats-closer-look>

Report author Laura Wellesley and experts Conor Walsh and Andrew E. Tucci explain why policymakers must take action to mitigate the risk of severe disruptions at ports, maritime straits and inland transport routes, which could have devastating knock-on effects for global food security.

Rolls-Royce, DNV GL, NTNU, and SINTEF Ocean to establish simulation platform for creating future ships.

By Nikos Späth. *DNV GL* [Online]. 3 July 2017. Available from:

<https://www.dnvgl.com/news/rolls-royce-dnv-gl-ntnu-and-sintef-ocean-to-establish-simulation-platform-for-creating-future-ships-96323>

Rolls-Royce, The Norwegian University of Technology Science (NTNU), research organisation SINTEF Ocean, and classification society DNV GL have signed a memorandum of understanding (MoU) with the aim of creating an open source digital platform for use in the development of new ships.

Digitalization: Future's Cornerstone - But at What Cost? *World Maritime News* [Online]. 3 July 2017. Available from: <http://worldmaritimenews.com/archives/223518/digitalization-futures-cornerstone-but-at-what-cost/> According to Albrecht Grell, Executive Vice President, Director of Digital Solutions & Innovation at DNV GL – Maritime, the digital transformation of shipping has moved more slowly than for example in the automotive industry.

New site matches job seekers to maritime positions. By Melissa Lin. *Straits Times* [Online]. 6 July 2017. Available from: <http://www.straitstimes.com/singapore/new-site-matches-job-seekers-to-maritime-positions> Job seekers looking for internships and opportunities in the maritime industry can turn to a new website launched yesterday.

"World's Largest" OOCL Hong Kong sails for Suez, 6 July 2017. *Shipping TV* [Online]. 6 July 2017. Available from: <https://www.youtube.com/watch?v=7Z6PDV-y5oq&feature=youtu.be> After all the excitement of her first and second arrivals at the Port of Felixstowe, OOCL Hong Kong slips away with just a handful of onlookers, as she heads towards the Suez Canal and the Far East.

China, EU Bolster Greener Global Shipping to Curb Emissions. By Anna Hirtenstein. *Bloomberg* [Online]. 7 July 2017. Available from: <https://www.bloomberg.com/news/articles/2017-07-07/china-eu-bolster-greening-of-global-shipping-to-curb-emissions> Over 200 representatives convened this week at the International Maritime Organization, the United Nations shipping supervisor based in London, to discuss regulation that could turn their industry, currently responsible for as much as 3 percent of the world's emissions, into a zero-carbon operation by the second half of the century.

Qatari vessels blocked from entering Egyptian ports along Suez Canal. *Al Arabiya* [Online]. 8 July 2017. Available from: <http://english.alarabiya.net/en/business/aviation-and-transport/2017/07/08/Qatari-vessels-blocked-from-entering-Suez-Canal-.html> The Suez Canal Authority in Egypt and the Canal Economic Zone has aligned with the decision of the four countries to stop dealing with Qatar.

Tankers: The Implications of the Qatari Crisis to the market and Ships' Bunkering. *Hellenic Shipping News* [Online]. 8 July 2017. Available from: <http://www.hellenicshippingnews.com/tankers-the-implications-of-the-qatari-crisis-to-the-market-and-ships-bunkering/> In its latest weekly report, shipbroker Intermodal noted that "a war of words blasted last month as the UAE, S. Arabia, Egypt and Bahrain revealed that they are experiencing severe diplomatic issues with the state of Qatar over assertions that it is sponsoring terrorism.

Panama Canal Does Some Good While Upending Historic Trade Routes. By Jess Shankleman. *Bloomberg* [Online]. 7 July 2017. Available from: <https://www.bloomberg.com/news/articles/2017-07-07/panama-canal-does-some-good-while-upending-historic-trade-routes> By offering a short-cut to deliver billions of dollars of Asian-made goods to America's East Coast ports, the waterway has helped its shipping company customers to lower their collective carbon emissions by 17 million metric tons during the first full year of operation.

BOURBON joins Automated Ships Ltd and KONGSBERG to deliver ground-breaking autonomous offshore support vessel prototype.

BOURBON [Online]. 11 July 2017.

Available from: <http://www.bourbonoffshore.com/en/bourbon-joins-automated-ships-ltd-and-kongsberg-deliver-groundbreaking-autonomous-offshore-support>

Leading marine Offshore services company, BOURBON has entered into a Memorandum of Understanding (MOU) with Automated Ships Ltd to support the building of the world's first autonomous, fully-automated and cost-efficient prototype vessel for offshore operations, in collaboration with the project's primary technology partner, KONGSBERG.

Verifavia Shipping Exceeds 1,000 Ships under EU MRV Assessment.

Verifavia Shipping [Online]. 10 July 2017. Available from: <http://www.goo.gl/QnSD3n>

Verifavia, the world's leading emissions verification company for the transport sector (aviation and shipping), today announced that the company now has over 1,000 ships and Monitoring Plans (MPs) under assessment for compliance with the European Union's Monitoring, Reporting, and Verification (EU MRV) regulation.

Market study reveals huge potential for LNG as a marine fuel in the Iberian Peninsula.

By Astrid Folkvord Janbu. *DNV GL* [Online]. 10 July 2017. Available from:

<https://www.dnvgl.com/news/market-study-reveals-huge-potential-for-lng-as-a-marine-fuel-in-the-iberian-peninsula-96692>

With the global fuel sulphur limit of 0.5% entering into force in 2020, the interest towards LNG as a marine fuel is increasing.

Myanmar aims to become Asian maritime hub.

By Khine Kyaw. *The Nation (Thailand)* [Online]. 10 July 2017. Available from:

<http://www.nationmultimedia.com/news/business/30320301>

As Asean countries prioritise on improving connectivity within and beyond the region, Myanmar has planned to take advantage of its strategic location between the two most populated nations - China and India - to become a hub of maritime trade in Asia, transport authorities say.

Delay of ballast water convention has contrasting effect.

Yonhap News Agency (South Korea) [Online]. 12 July 2017. Available from:

<http://english.yonhapnews.co.kr/business/2017/07/12/0503000000AEN20170712001900320.html>

South Korea's shippers and shipbuilders reacted differently Wednesday to a decision by the International Maritime Organization (IMO) to delay the implementation of a ballast water convention.

What will be the biggest challenge with respect to EU MRV implementation for the key stakeholders and owners in the long run?

Green4Sea [Online]. 11 July 2017. Available from:

<http://www.green4sea.com/green-watch-01/>

In the long run, when market-based emission control measures are in place, shipping companies will prefer to select a fuel consumption monitoring method that minimises their reported fuel consumption emissions.

New Report Recommends Construction of Four New Polar Icebreakers of the Same Design as the Lowest-Cost Strategy for Protecting U.S. Interests in Arctic and Antarctic.

National Academies of Sciences Engineering Medicine [Online]. 11 July 2017. Available from:

<http://www8.nationalacademies.org/onpinews/newsitem.aspx?RecordID=24834>

The U.S. lacks icebreaking capability in the Arctic and Antarctic and should build four polar icebreakers with heavy icebreaking capability to help minimize the life-cycle costs of icebreaker acquisition and operations, says a new congressionally mandated letter report from the National Academies of Sciences, Engineering, and Medicine. [Acquisition and Operation of Polar Icebreakers: Fulfilling the Nation's Needs](#)

Containers Lost at Sea - 2017 Update. *World Shipping Council* [Online]. 10 July 2017. Available from: http://www.worldshipping.org/industry-issues/safety/Containers_Lost_at_Sea_-_2017_Update_FINAL_July_10.pdf In 2016, the international liner shipping industry transported approximately 130 million containers packed with cargo, with an estimated value of more than \$4 trillion.

Myanmar and the chase for the new Silk Road. By Andre Wheeler. *Splash 24/7* [Online]. 13 July 2017. Available from: <http://splash247.com/myanmar-chase-new-silk-road/> Myanmar is a very interesting country to visit, particularly when one wants to get a feel for what is taking place with key infrastructure / connectivity initiatives linking west to east.

Relentless Growth of Cruise Shipping Sector Poised to Press On. *World Maritime News* [Online]. 12 July 2017. Available from: <http://worldmaritimeweb.com/archives/224979/relentless-growth-of-cruise-shipping-sector-poised-to-press-on/> The cruise ship fleet is set to grow by 50 percent in the following ten years as cruise liners are expected to resume their ordering spree especially for the mega cruise ships.

ABS Approves New MOSS-type LNG Tank Concept. *ABS (American Bureau of Shipping)* [Online]. 11 July 2017. Available from: <https://ww2.eagle.org/en/news/press-room/2017/ABS-Approves-New-MOSS-type-LNG-Tank-Concept.html> ABS, a leading provider of classification and technical services to the marine and offshore industries, granted Approval in Principle (AIP) for a new MOSS-type LNG tank design concept developed by Japan's Kawasaki Heavy Industries (KHI).

Belt and Road shipping indices officially released. *Xinhuanet (China)* [Online]. 11 July 2017. Available from: http://news.xinhuanet.com/english/2017-07/11/c_136436046.htm The Shanghai Shipping Exchange (SSE) Tuesday officially launched the Belt and Road shipping indices to track freight trade data among countries involved after a two-year trial.

'More British' future seen for Hamburg. By David Osler. *Lloyd's List* [Online]. 13 July 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL109084/More-British-future-seen-for-Hamburg> German maritime cluster hopes to grab London shipping services work post-Brexit.

The container shipping hunger games. By Sam Chambers. *Splash 24/7* [Online]. 14 July 2017. Available from: <http://splash247.com/container-shipping-hunger-games/> As far back as 2011 the Splash contributor was predicting there would be just six to eight global carriers by the mid-2020s.

Interview: World Ocean Council President, Paul Holthus, on Sustainable Development in Shipping. *gCaptain* [Online]. 14 July 2017. Available from: <http://gcaptain.com/interview-world-ocean-council-paul-holthus/> Paul Holthus is the Founding President & CEO of the World Ocean Council (WOC), a non-profit organisation responsible for industry leadership and collaboration in ocean sustainable development, science and stewardship.

Shipping's Half Year Report – Any Better This Year? *Clarksons Research* [Online]. 14 July 2017. Available from: <https://clarksonresearch.wordpress.com/2017/07/14/shippings-half-year-report-any-better-this-year/> In last year's half year shipping report, we reported on an industry that "must do better".

Bureau Veritas launches My BWMP - a new e-business solution to help the shipping industry meet the Ballast Water Management deadline. *Bureau Veritas* [Online].

12 July 2017. Available from: <http://www.goo.gl/vsJNvf> As the Ballast Water Management Convention's D1 September 8th deadline looms, ship owners must secure International BWM Certificates and approved BWM plans for their ships.

There Are Still "Fundamental Issues" to Be Resolved Before the Industry Can Start Planning for 2020: OOCL. *Ship & Bunker* [Online]. 18 July 2017. Available from:

<http://www.goo.gl/EoAtau> Box carrier OOCL says there are still "fundamental issues" to be resolved before planning can begin for the lower 0.50 percent global sulphur cap on marine fuel set to come into force in 2020.

What KOTC paid for its ballast water treatment systems. By Edwin Lampert.

Tanker Shipping & Trade [Online]. 18 July 2017. Available from:

http://www.tankershipping.com/news/view,what-kotc-paid-for-its-ballast-water-treatment-systems_48486.htm A posting on Kuwait Oil Tanker Company's (KOTC) website has laid bare not only who responded to a tender for the supply and commission of a ballast water treatment system, but how much each company bid, and who won.

More bigger ships set to put more pressure on Asia-Mediterranean container trade.

By Mike Wackett. *The Loadstar* [Online]. 17 July 2017. Available from:

<https://theloadstar.co.uk/bigger-ships-set-put-pressure-asia-mediterranean-container-trade/> Ultra-large container vessels (ULCVs) being phased onto the Asia-Mediterranean container trade are likely to put freight rates under renewed pressure in the final three months of the year, according to Drewry.

Greek shipowners urged to keep faith in UK post Brexit. By David Glass.

Seatrade Maritime News [Online]. 20 July 2017. Available from: <http://www.seatrade-maritime.com/news/europe/greek-shipowners-urged-to-keep-faith-in-uk-post-brexite.html>

Senior British officials were in Athens recently urging the Greek shipping community to have faith in the City of London after the UK leaves the European Union.

Bureau Veritas and Ascenz join forces in ship performance agreement. *Bureau Veritas*

[Online]. 19 July 2017. Available from: <http://www.goo.gl/GiAyDG> Bureau Veritas and Singapore based Ascenz have signed a memorandum to provide ship performance and monitoring solutions to shipowners world-wide.

Australian Senate Inquiry Finds Flag of Convenience Shipping Poses Serious Risks To National Security. *International Transport Workers' Federation* [Online]. 19 July 2017.

Available from: <http://www.goo.gl/DZuoiH> The International Transport Workers' Federation (ITF) says Australia's Turnbull Government can no longer ignore its national security responsibilities in the wake of damning findings today by the Senate Inquiry into Flag of Convenience (FOC) Shipping.

Singapore tops shipping centre index, with Shanghai on the rise. By Cichen Shen.

Lloyd's List [Online]. 20 July 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL109202/Singapore-tops-shipping-centre-index-with-Shanghai-on-the-rise> The Baltic Exchange and China Economic Information Service have jointly launched their fourth annual world shipping centre index, with Singapore, London, Hong Kong and Hamburg holding on to the top four spots, while Shanghai moves up a rung to the fifth place.

Lloyds manages Coldharbour's BWMS testing. *The Motorship* [Online]. 20 July 2017.

Available from: <http://www.motorship.com/news101/ballast-water-management/lloyds-manages-coldharbours-bwms-testing> Lloyd's Register (LR) will oversee UK-based Coldharbour Marine's ballast water management systems (BWMS) tests, as required by the US Coast Guard (USCG) in its type approval process.

4 stowaways found alive in shipping container at Port of Montreal.

Canadian Broadcasting Corporation (CBC) [Online]. 20 July 2017. Available from: <http://www.cbc.ca/news/canada/montreal/four-men-found-inside-old-port-shipping-container-1.4213932> Four men are recovering in hospital after they were found inside a shipping container at the Port of Montreal Thursday morning.

Drewry: World Container Index down by 6.3%. *Safety 4 Sea* [Online]. 24 July 2017.

Available from: <https://www.safety4sea.com/drewry-world-container-index-down-by-6-3/> The World Container Index assessed by Drewry consultancy, a composite of container freight rates on 8 major routes to/from the US, Europe and Asia, is down by 6.3% to \$1421.4/40ft container, according to 20 July 2017 update.

First ship with IMO Tier III EIAPP certified Wärtsilä engines is launched. *Wärtsilä Corporation* [Online]. 21 July 2017. Available from: <https://www.wartsila.com/media/news/21-07-2017-first-ship-with-imo-tier-iii-eiapp-certified-wartsila-engines-is-launched>

The launch of the *L'Astrolabe*, a 72 metre polar logistics vessel fitted with a complete Wärtsilä propulsion machinery package and Wärtsilä NOR (NOx Reducer) SCR (Selective Catalytic Reduction) exhaust gas cleaning systems for all the main engines, took place on July 12.

The world maritime fleet in 2017. By Jan Hoffmann.

United Nations Conference on Trade and Development (UNCTAD) [Online]. 10 July 2017. Available from: <http://unctad.org/en/pages/newsdetails.aspx?OriginalVersionID=1516> UNCTAD this week uploaded 2017 maritime statistics on the world shipping fleet by flag and by country of ownership, as well as the 2016 tonnage for ship building and scrapping.

Europe to manufacture ships of the future. *University of Limerick (Ireland)* [Online].

20 July 2017. Available from: <https://www.ul.ie/research/blog/europe-manufacture-ships-future> A new European research project seeks to revolutionize the shipbuilding sector by replacing steel with composite materials for the construction of more efficient large length ships.

Opec's struggle is shipping's gain. By Eric Yep. *Lloyd's List* [Online]. 25 July 2017.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL109264/Opecs-struggle-is-shippings-gain> The latest meeting of the Organisation of the Petroleum Exporting Countries failed to produce any concrete measures to curb the global oil supply glut, but was loaded with empty promises to do so in coming months.

Blockchain: Friend or foe? By Alysia Xirinachs, MTS Logistics. *Splash 24/7* [Online].

25 July 2017. Available from: <http://splash247.com/blockchain-friend-foe/> Amid chaps in an ever-growing industry, there lurks a new element that will impact the logistics industry possibly more than any alliance or economic slump has done in the past.

Unlikely humanitarians – shippers returning to Libya face a tough moral dilemma.

S&P Global Platts [Online]. 25 July 2017. Available from: <http://blogs.platts.com/2017/07/25/shippers-libya-humanitarians/> A surge in Libyan oil exports — production has increased sharply in the past few months, jumping to four-year highs of over 1 million b/d this month — is seeing more and more oil tankers travel to and from the North African country's key oil terminals, increasing tanker activity and pushing up freight rates in the Mediterranean.

How five digital experts at top logistics providers are preparing for the future.

By Eytan Buchman, Freightos. *Splash* 24/7 [Online]. 27 July 2017. Available from: <http://splash247.com/five-digital-experts-top-logistics-providers-preparing-future/>

I've been writing about freight digitisation for years and for much of that time, as debate raged about whether the freight industry was actually embracing digitization or if it was all just hype.

RESEARCH

Drivers and implications of change in global ocean health over the past five years.

By B. S. Halpern, M. Frazier et al. *PLoS ONE*. [Online]. (2017). Available from: <https://doi.org/10.1371/journal.pone.0178267> Growing international and national focus on quantitatively measuring and improving ocean health has increased the need for comprehensive, scientific, and repeated indicators to track progress towards achieving policy and societal goals.

Production, use, and fate of all plastics ever made. By R. Geyer, J. R. Jambeck et al.

Science Advances. [Online]. (2017). Available from: <http://advances.sciencemag.org/content/3/7/e1700782.full> As of 2015, approximately 6300 Mt of plastic waste had been generated, around 9% of which had been recycled, 12% was incinerated, and 79% was accumulated in landfills or the natural environment

Advances in Understanding the Fate and Effects of Oil from Accidental Spills in the United States Beginning with the *Exxon Valdez*. By J. W. Short. *Archives of Environmental Contamination and Toxicology*. [Online]. (2017). Available from:

<https://doi.org/10.1007/s00244-016-0359-4> Scientific studies of the environmental effects of oil spills in the United States have produced a steady stream of unexpected discoveries countering prior and often simplistic assumptions.

How to govern geoengineering? By J. Pasztor, C. Scharf et al. *Science*. [Online]. (2017).

Available from: <http://science.sciencemag.org/content/357/6348/231> The Paris Agreement aims to limit the global temperature rise to 1.5° to 2°C above preindustrial temperature, but achieving this goal requires much higher levels of mitigation than currently planned.

Oil Spills and Marine Mammals in British Columbia, Canada: Development and Application of a Risk-Based Conceptual Framework. By A. L. Jarvela Rosenberger, M. MacDuffee et al. *Archives of Environmental Contamination and Toxicology*. [Online]. (2017).

Available from: <https://doi.org/10.1007/s00244-017-0408-7> We developed a conceptual framework to evaluate the impacts of potential oil exposure on marine mammals and applied it to 21 species inhabiting coastal British Columbia (BC), Canada.

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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.