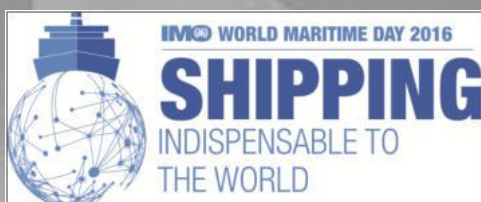


INTERNATIONAL MARITIME ORGANIZATION
MARITIME KNOWLEDGE CENTRE
“sharing maritime knowledge”

CURRENT AWARENESS BULLETIN

July 2016



Maritime Knowledge Centre
maritimeknowledgecentre@imo.org
INTERNATIONAL MARITIME ORGANIZATION
www.imo.org



About the MKC Current Awareness Bulletin (CAB)

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

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

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

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IMO / UNITED NATIONS NEWS & EVENTS

WHAT'S NEW

World Maritime Day theme for 2017: "Connecting Ships, Ports and People"

Briefing: 20, July 7, 2016

"Connecting Ships, Ports and People" has been selected as the World Maritime Day theme for 2017 following a proposal by Secretary-General Kitack Lim to the IMO Council.

Addressing the IMO Council, meeting for its 116th session at IMO Headquarters in London, Mr. Lim said the theme would provide an opportunity to work with developed and developing countries, shipping and public and private sector ports with a view to identifying and promoting best practices and building bridges between the many diverse actors involved in these areas.

Key objectives will include improving cooperation between ports and ships, and developing a closer partnership between the two sectors; raising global standards and setting norms for the safety, security and efficiency of ports, and for port and coastal State authorities; and standardizing port procedures through identifying and developing best practice guidance and training materials.

"The maritime sector, which includes shipping, ports and the people that operate them, can and should play a significant role helping Member States to create conditions for increased employment, prosperity and stability ashore through promoting trade by sea; enhancing the port and maritime sector as wealth creators both on land and, through developing a sustainable blue economy, at sea," Mr. Lim said.

"The aim is to build on the World Maritime Day theme for 2016, "Shipping: indispensable to the world", by focussing on helping Member States to develop and implement maritime strategies to invest in a joined-up, interagency approach that addresses the whole range of issues, including the facilitation of maritime transport, and increasing efficiency, navigational safety, protection of the marine environment, and maritime security," Mr. Lim said.

In this way, IMO will be contributing to achieving the United Nations' Sustainable Development Goals (SDGs) which are a broad response to the challenges facing the world today – increasing world population; climate change; threats to the environment; unsustainable exploitation of natural resources; threats to food security; societal threats posed by organized criminals and violent extremists; and instability leading to mixed migration.

"Ultimately, more efficient shipping, working in partnership with a port sector supported by governments, will be a major driver towards global stability and sustainable development for the good of all people," Mr. Lim said.

IMO MEETINGS FOR 2016

Sub-Committee on Implementation of IMO Instruments (III)
3rd session, 18 – 22 July 2016

IMO PRESS BRIEFINGS

[Indian tanker captain to receive 2016 IMO Award for Exceptional Bravery at Sea](#)
Briefing: 21, July 7, 2016

[Maritime lawyer Dr. Frank Wiswall to receive 2015 International Maritime Prize](#)
Briefing: 19, July 7, 2016

IMO NEWS MAGAZINE **(Issue 2, 2016)**

IMO PUBLISHING [Just Published: 2016](#) [July 2016 Newsletter](#)

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

[Sub-Committee on Implementation of IMO Instruments \(III\)](#)
3rd session, 18 – 22 July (Opening Address)

UNITED NATIONS NEWS

Christiana Figueres launches UN secretary general bid. By Ed King. *Climate Home* [Online]. 7 July 2016. Available from: <http://www.climatechangenews.com/2016/07/07/christiana-figueres-launches-un-secretary-general-bid/> A day after she stepped down as UN climate chief, the Costa Rican government has proposed the 59-year-old as a candidate for UN secretary general.

In China, Ban highlights country's leadership on sustainable development, climate change. *UN News Centre* [Online]. 7 July 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54413> In China today, United Nations Secretary-General Ban Ki-moon highlighted the country's relationship with the Organization, noting in particular its crucial role in improving tensions, building peace and promoting the agenda on climate change.

Stand up for and invest in teenage girls, UN says on World Population Day. *UN News Centre* [Online]. 13 July 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54427> Leaders and communities must focus on and stand up for the rights of teenage girls, particularly those who are poor, out of school, exploited, or subjected to harmful traditional practices, the United Nations has said, marking World Population Day with a call to bolster the success of the 2030 Agenda for Sustainable Development by investing in better opportunities for teen girls.

UNCTAD14 to showcase UN agency on globalisation and SDGs. *United Nations Conference on Trade and Development (UNCTAD)* [Online]. 14 July 2016. Available from: <http://unctad14.org/EN/pages/NewsDetail.aspx?newsid=31> When the curtain comes up on UNCTAD14 next Sunday, it will showcase an organisation with one foot rooted in history and both eyes looking to the future.

Human rights are not 'abstract ideas,' must be main tool in meeting development targets – Ban. *UN News Centre* [Online]. 12 July 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54444> Far greater emphasis must be placed on human rights as the international community continues to work towards implementing the agreed-upon sustainable development agenda, because it is the most powerful driver of peace and development, United Nations Secretary-General Ban Ki-moon said today.

Selecting the next UN Secretary-General: Informal briefings reopen. *UN News Centre* [Online]. 14 July 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54459> 🗣️ The latest candidate for the position of the next United Nations Secretary-General was heard today, answering questions on how she would promote sustainable development, improve efforts to create peace, protect human rights, and deal with huge humanitarian catastrophes should they be selected to lead the 193-member Organization.

New UN-backed survey reveals 'alarming' damage to high seas and marine ecosystems. *UN News Centre* [Online]. 14 July 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54456> More than half of the world's fragile coral reefs are under threat and most of our major fish stocks are now overexploited, according to the latest global assessments on the state of world's high seas and large marine ecosystems launched today by United Nations Educational, Scientific and Cultural Organization (UNESCO)'s Intergovernmental Oceanographic Commission.

UN officials spotlight need to move from commitments to results on Global Goals.

UN News Centre [Online]. 18 July 2016. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=54480> Every country must accelerate the implementation pace of the 'ambitious and transformative' development agenda adopted by United Nations Member States nearly one year ago, by boosting efforts to overcome persistent challenges, new obstacles and unforeseen setbacks in today's turbulent world, the UN Deputy Secretary-General Jan Eliasson today declared.

In Kenya, Ban calls for broader partnerships, sustainable investments to drive global development.

UN News Centre [Online]. 17 July 2016. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=54478> At a United Nations intergovernmental forum opening in Nairobi, Kenya, today, UN Secretary-General Ban Ki-moon urged participants to focus on strong collaboration, equality and inclusion in trade, finance and investment in order to better align action with agreed-upon sustainable development targets and help restore trust in the global economy.

UNCTAD Annual Report 2015: Delivering on a Sustainable Agenda.

United Nations Conference on Trade and Development (UNCTAD) [Online]. July 2016.

Available from: http://unctad.org/en/PublicationsLibrary/dom2016d1ipub_en.pdf 

UN chief launches first report to track Sustainable Development Goals.

UN News Centre [Online]. 19 July 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54503> Launching the first-ever Sustainable Development Goals report on the new global development agenda adopted last year, Secretary-General Ban Ki-moon today said that the 15-year undertaking is "off to a good start" but will require all parts of the UN family and its partners to work together.

The Sustainable Development Goals Report 2016.

United Nations [Online]. 19 July 2016.

Available from: <http://unstats.un.org/sdgs/report/2016/> [Report](#) 

Selecting the next UN Secretary-General: Security Council holds first round of secret poll on candidates.

UN News Centre [Online]. 21 July 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54522> Following its first-ever private discussions with the candidates vying for selection as the next United Nations Secretary-General, the UN Security Council today conducted the first round of informal polls on those seeking the world's top diplomatic post

General Assembly decision makes International Organization for Migration part of UN system.

UN News Centre [Online]. 25 July 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54545> The United Nations General Assembly today unanimously adopted a resolution approving an agreement to make the International Organization for Migration (IOM) part of the UN system as a related organization.

CASUALTIES

Cruiseship develops list in India. By Gary Dixon. *TradeWinds* [Online]. 30 June 2016.

Available from: <http://www.tradewindsnews.com/casualties/766686/cruiseship-develops-list-in-india> A cruiseship has developed a list and grounded at an Indian shipyard due to monsoon rains.

Fire breaks out at Guangdong shipbreaking yard. By Jason Jiang. *Splash 24/7* [Online].

30 June 2016. Available from: <http://splash247.com/fire-breaks-out-at-guangdong-shipbreaking-yard/> A fire broke out yesterday at Jiangmen Xinhui Shuangshui Shipbreaking & Steel in Guangdong, China during the dismantling of an old vessel.

Fred. Olsen Update on *Black Watch*. *Fred.Olsen Cruise Lines* [Online]. 2 July 2016.

Available from: <http://media.fredolsencruises.com/news/fred-olsen-update-172560> Fred. Olsen Cruise Lines can confirm that *Black Watch* is due to arrive in Funchal, Madeira today [Saturday 2nd July 2016], as scheduled, at 17.00 hours, two hours earlier than previously advised.

Maersk Shams Refloated after Grounding in Suez Canal. *World Maritime News* [Online].

6 July 2016. Available from: <http://worldmaritimenews.com/archives/196470/maersk-shams-refloated-after-grounding-in-suez-canal/> The 2015-built containership *Maersk Shams*, operating on a long-term time charter with the Danish shipping giant Maersk Line, was refloated in the evening hours on July 5 after it grounded in the Suez Canal earlier that day.

Accident Investigation Report 15/2016: Capsize and sinking of scallop dredger *JMT* with loss of 2 lives, 9 July 2015. *UK Marine Accident Investigation Branch (MAIB)* [Online].

7 July 2016. Available from: <https://www.gov.uk/maib-reports/capsize-and-sinking-of-scallop-dredger-jmt-with-loss-of-2-lives> This reports the MAIB's investigation into the capsizing and sinking of the scallop dredger *JMT* off Rame Head on 9 July 2015. [Report](#) 
[Annexes](#) 

River Mersey ferry: Passengers rescued as vessel runs aground. *BBC News* [Online].

10 July 2016. Available from: <http://www.bbc.co.uk/news/uk-england-merseyside-36758499> They were taken from the *Royal Iris* ferry at 13:25 BST in the Queen Elizabeth II Dock in Eastham, Wirral.

The Swedish Club puts root cause of incidents into focus. *Swedish Club* [Online].

11 July 2016. Available from: <http://www.swedishclub.com/main.php?mcid=1&mid=111&pid=50&newsid=1744> The Swedish Club has launched its latest publication, *Claims at a Glance*, which provides an insight into the full range of claims the Club has handled over the last five years, and is intended as a tool to reduce the frequency of incidents for both P&I and H&M claims. [Claims at a Glance: Statistics updated January 2016](#) 

Report: Poor Teamwork Led to Anchoring Casualty. *Maritime Executive* [Online].

11 July 2016. Available from: <http://maritime-executive.com/article/report-poor-teamwork-led-to-anchoring-casualty> Transport Malta has issued a report into the marine casualty involving the bulk carrier *Capri* and the tanker *Brightoil Legend* in Singapore last summer.

Marine Safety Investigation Report No. 12/2016: Allision in the Eastern Special Purpose 'A' Anchorage, Singapore on 9 July 2015. *Transport Malta* [Online]. 9 July 2016.

Available from: <https://goo.gl/0SjinW> On 09 July 2015, the Maltese registered dry-bulk cargo vessel *Capri* was involved in an allision with *Brightoil Legend* within the port limits of Singapore. At the time, *Brightoil Legend*, was on anchor in the Eastern Special Purposes Anchorage. *Capri* was under pilotage and underway.

Reports of 5,000 Tonne Bunker Spill "Not Correct" Says *MV Benita* Salvage Team. *Ship & Bunker* [Online]. 14 July 2016. Available from: <http://shipandbunker.com/news/emea/380069-reports-of-5000-tonne-bunker-spill-not-correct-says-mv-benita-salvage-team> Five Oceans Salvage Wednesday stated that reports that an estimated 5,000 tonnes of fuel were lost from the grounded *MV Benita* are "not correct," noting that 145 metric tonnes (mt) of fuel were on board the vessel at the time of the incident, most of which has now been recovered.

Grounded *Benita* Won't Be Blown to Pieces in Mauritius. By Mike Schuler. *gCaptain* [Online]. 13 July 2016. Available from: <https://gcaptain.com/grounded-benita-wont-be-blown-to-pieces-in-mauritius/> The salvors behind the refloating of the *MV Benita* are downplaying the use of explosives to remove the vessel from the rocks in Mauritius, saying any use would be 'very limited' in nature to avoid further damage to the vessel and the environment.

Indian Coast Guard helicopter arrives to help grounded Indian merchant ship off Mumbai coast. By Narayan Namboodiri. *Times of India* [Online]. 15 July 2016. Available from: <http://goo.gl/pfUhWV> The forward portion of an Indian Merchant vessel (bulk carrier--*MV Kumar*) touched the bottom, approximately 3kms off Revdanda, with 15 crews onboard on Thursday.

One Dead, Three Injured in Lifeboat Drill. *Maritime Executive* [Online]. 20 July 2016. Available from: <http://www.maritime-executive.com/article/one-dead-three-injured-in-lifeboat-drill> A 41-year-old Filipino crew member from the Norwegian Breakaway has died as a result of a lifeboat training drill in Bermuda.

Royal Navy statement: 20 July 2016 [submarine collision with merchant vessel]. *UK Ministry of Defence* [Online]. 20 July 2016. Available from: <https://www.gov.uk/government/news/royal-navy-statement-20-july-2016> At approximately 1330 local time today, *HMS Ambush*, an Astute-class submarine, while submerged and conducting a training exercise was involved in a glancing collision with a merchant vessel off the coast of Gibraltar.

Containership damaged after hitting wall in Panama Canal's new locks. *gCaptain* [Online]. 23 July 2016. Available from: <https://gcaptain.com/containership-damaged-in-panama-canals-new-locks/> A neopanamax containership has suffered a gash to its hull after bumping into the wall of one of the new locks making up the expanded Panama Canal.

Trainee may have had conn in submarine collision. *Maritime Executive* [Online]. 22 July 2016. Available from: <http://maritime-executive.com/article/trainee-may-have-had-conn-in-submarine-collision> The *HMS Ambush*, which struck a merchant vessel on Wednesday, may have been under the control of a trainee at the time of the collision.

ENVIRONMENT

Scaling up efforts for a heavy fuel oil ban in the Arctic. By Eva Grey.

Ship-Technology.Com [Online]. 30 June 2016. Available from: <http://www.ship-technology.com/features/featurescaling-up-efforts-for-a-heavy-fuel-oil-ban-in-the-arctic-4936983/> Earlier this year, a group of NGOs called for the phase out of heavy fuel oil used in ships navigating into Arctic waters.

Sea Shepherd Global Releases Distressing Footage of the Devastating Impacts of By-Catch. Sea Shepherd Conservation Society [Online]. 30 June 2016. Available from:

<http://www.seashepherdglobal.org/news-and-commentary/news/sea-shepherd-global-releases-distressing-footage-of-the-devastating-impacts-of-by-catch.html> 📹 The crew of the Sea Shepherd ship, Bob Barker, has captured distressing footage of the devastating impacts of by-catch.

Extension and Enhancement to the Maritime Singapore Green Initiative.

Maritime and Port Authority of Singapore (MPA) [Online]. 30 June 2016. Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/271360c6-fd43-472e-b122-0d1338d0d97d> The Maritime Singapore Green Initiative (MSGI), launched by the Maritime and Port Authority of Singapore (MPA) in 2011, has received strong support from the maritime industry.

University of Hull research reveals ocean acidification disrupts marine life communication. By Christina Roggatz. University of Hull (UK) [Online]. 29 June 2016.

Available from: http://www2.hull.ac.uk/news_and_events-1/news_archive/2016newsarchive/june_2016/ocean-acidification.aspx 📹 Increasing levels of CO₂ pumped into the atmosphere are altering chemical communication which marine life relies upon to find food, avoid predators and to mate.

Experts listen in on noisy Falmouth seas. University of Exeter [Online]. 6 July 2016.

Available from: http://lifesciences.exeter.ac.uk/news/college/title_527671_en.html A long-term plan for managing noise in shallow parts of the ocean such as Falmouth Bay is needed to protect the environment, scientists have said.

Arctic cruise raises hopes and environmental concerns. By Krestia DeGeorge.

Alaska Dispatch News [Online]. 10 July 2016. Available from: <http://www.adn.com/arctic/2016/07/10/arctic-cruise-raises-hopes-and-environmental-concerns/> Even with global warming opening up the Northwest Passage, fewer than 50 passenger ships have completed the full transit, and those were largely yachts and expedition boats with at most a few hundred people.

Media Advisory: At Montreal Protocol Meetings in Vienna: Countries to Continue Efforts to Control Greenhouse Gases under the Montreal Protocol.

United Nations Environment Programme (UNEP) [Online]. 15 July 2016. Available from: <http://unep.org/newscentre/Default.aspx?DocumentID=27079&ArticleID=36230&l=en> The 197 parties to the Montreal Protocol on Substances that Deplete the Ozone Layer will meet in Vienna, Austria, from 15 to 23 July 2016 to continue working to an amendment to the Protocol in 2016 to phase down the production and consumption of global-warming-inducing hydrofluorocarbons (HFCs), by first resolving challenges identified under the "Dubai Pathway on HFCs" adopted last year.

New global data on High Seas and Large Marine Ecosystems to support policy makers.

UNESCO [Online]. 14 July 2016. Available from: http://www.unesco.org/new/en/media-services/single-view/news/new_global_data_on_high_seas_and_large_marine_ecosystems_to-1/ Sixty percent of the world's coral reefs are currently threatened by local activities; 50% of all fish stock in large marine ecosystems (LMEs) are overexploited; 64 of the world's 66 LMEs have experienced ocean warming in the last decades.

The clean sea challenge. By Annette Chrysostomou. *Cyprus Mail* [Online]. 17 July 2016.

Available from: <http://cyprus-mail.com/2016/07/17/clean-sea-challenge/> In order to tackle pollution near the Limassol beaches, the municipality has purchased a boat with a special container to collect the solid waste found in the sea, Limassol Mayor Andreas Christou announced on Friday.

Shipping air pollution causing 24,000 deaths a year in East Asia – study.

The Guardian [Online]. 19 July 2016. Available from: <https://www.theguardian.com/environment/2016/jul/19/shipping-air-pollution-causing-24000-deaths-a-year-in-east-asia-study> A boom in shipping is aggravating air pollution in China and other nations in East Asia, causing thousands of deaths a year in a region with eight of the world's 10 biggest container ports, scientists said on Monday.

Offshore carbon: why a climate deal for shipping is sinking. By Megan Derby.

Climate Home [Online]. 15 July 2016. Available from: <http://www.climatechangenews.com/2016/07/15/offshore-carbon-why-a-climate-deal-for-shipping-is-sinking/> The Cook Islands, a tiny Pacific state vulnerable to sea level rise, is vocally opposed to action at the International Maritime Organization.

Ban Ki-moon calls on world to unite behind Paris climate deal. By Ed King. *Climate Home*

[Online]. 19 July 2016. Available from: <http://www.climatechangenews.com/2016/07/19/ban-calls-on-world-to-unite-behind-paris-climate-deal/> UN secretary general Ban Ki-moon has asked world leaders to ratify the Paris climate deal on 21 September at a "special event" during the General Assembly meeting in New York.

Canada OKs use of Corexit for oil Spills—Despite What We've Learned in the Gulf.

By Carl Safina. *National Geographic* [Online]. 21 July 2016. Available from: <http://voices.nationalgeographic.com/2016/07/21/canada-oks-use-of-corexit-for-oil-spills-despite-what-weve-learned-in-the-gulf/> After Shell Oil's *Brutus* oil well platform 90 miles south of the Louisiana coast spewed more than 88,000 gallons of crude oil into the Gulf of Mexico this May, Shell contracted Clean Gulf Associates and Marine Spill Response Corporation to clean up its mess.

Africa's blue economy vital for development. *CNBC Africa* [Online]. 21 July 2016.

Available from: <http://www.cnbcafrica.com/video/?bctid=5044770999001> 📺 The Minister of Finance, Trade and Blue economy of Seychelles Jean-Paul Adam says Africa's vast oceans and seas can be of significant economic benefit to increase fiscal revenue and diversification.

Global climate breaks new records January to June 2016.

World Meteorological Organization (WMO) [Online]. 21 July 2016. Available from: <http://public.wmo.int/en/media/press-release/global-climate-breaks-new-records-january-june-2016> Global temperatures for the first six months of this year shattered yet more records, and mean that 2016 is on track to be the world's hottest year on record.

Shipping makes green waves with top environmental award.

Singapore Environment Council [Online]. 20 July 2016. Available from:

http://www.sec.org.sg/seaa/files/press_releases/SEAA_20%20July%202016_Press%20Release.pdf  It was a double scoop for the maritime industry as Wallenius Wilhelmsen Logistics AS

(Singapore Branch) (WWL), a Swedish/Norwegian shipping and logistics company received both the SEC-CDL Outstanding Singapore Environmental Achievement Award and the inaugural SECMPA Singapore Environmental Achievement Award (Maritime).

Panama Canal launches Green Award System. By Aiswarya Lakshmi. *MarineLink.Com*

[Online]. 24 July 2016. Available from: [http://www.marinelink.com/news/launches-panama-](http://www.marinelink.com/news/launches-panama-system412947.aspx)

[system412947.aspx](http://www.marinelink.com/news/launches-panama-system412947.aspx) The Panama Canal has launched the Green Connection Award, a new initiative to recognize customers who demonstrate excellent environmental stewardship, and to encourage others to implement technologies and standards to help reduce greenhouse gas emissions.

A Review of Progress 2015: Harnessing Our Ocean Wealth - An Integrated Marine Plan for Ireland. *Government of Ireland*

[Online]. July 2016. Available from:

<http://www.ouroceanwealth.ie/sites/default/files/sites/default/files/Documents/2016HOOWReport.pdf>  The Progress Report is being published to coincide with the annual Our Ocean Wealth

Conference, now in its third year and taking place at National University of Ireland, Galway as part of the 2016 SeaFest programme.

After Paris, how are governments tackling climate change? By Sam Bickersteth.

Climate Home [Online]. 25 July 2016. Available from:

<http://www.climatechangenews.com/2016/07/25/after-paris-how-are-countries-tackling-climate-change/> Governments appear committed to delivering on their promises, but many will require

more funding and assistance to deliver a fast and effective green transition.

Powered by Google, U.N. flexes tech muscle to fight climate change. By Magdalena Mis.

Reuters [Online]. 22 July 2016. Available from: [http://www.reuters.com/article/us-environment-](http://www.reuters.com/article/us-environment-climatechange-technology-idUSKCN10220K)

[climatechange-technology-idUSKCN10220K](http://www.reuters.com/article/us-environment-climatechange-technology-idUSKCN10220K) New Google-powered software will help the world tackle problems related to climate change, deforestation and food production, a United Nations agency said on Friday, as it presented its revamped online platform.

Increasing ocean acidity could impact fish spawning. By Matt McGrath. *BBC News*

[Online]. 27 July 2016. Available from: [http://www.bbc.co.uk/news/science-environment-](http://www.bbc.co.uk/news/science-environment-36895071)

[36895071](http://www.bbc.co.uk/news/science-environment-36895071) A new study suggests that the increasing acidification of the oceans is likely to interfere with the ability of fish to reproduce.

COSCO bans Shark fin shipments. *Maritime Executive*

[Online]. 26 July 2016. Available from: <http://maritime-executive.com/article/cosco-bans-shark-fin-shipments> China's COSCO Shipping Corporation has announced that it will ban all shark fin shipments, joining a growing number of transport and logistics companies standing up against a brutal trade that kills millions of sharks annually.

On first International Day, UNESCO calls for protection of mangrove ecosystems.

UN News Centre [Online]. 26 July 2016. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=54555> Mangroves are rare and vital ecosystems that help to protect coastlines and mitigate the effects of climate change, but their survival is being jeopardized, the United Nations cultural agency said today, calling for greater preservation efforts as the international community marks the first ever International Day for the Conservation of the Mangrove Ecosystem.

UN warns of more heatwave deaths as climate change pushes up temperatures.

UN News Centre [Online]. 28 July 2016. Available from:

<http://www.un.org/apps/news/story.asp?NewsId=54576> Warning of a possible rise in heatwave deaths due to climate change, the United Nations Office for Disaster Risk Reduction (UNISDR) today called for measures to reduce mortality from this natural hazard.

ENVIRONMENTAL POLLUTION

HELCOM promotes cleaner practices for ships' sewage.

Baltic Marine Environment Protection Commission (HELCOM) [Online]. 30 June 2016.

Available from: <http://www.helcom.fi/news/Pages/HELCOM-promotes-cleaner-practices-for-ships%E2%80%99-sewage.aspx> This week the positive progress in management of ships' sewage in the Baltic Sea region is further boosted by a workshop on Port Reception Facilities (PRF) in Kiel, Germany.

Formosa Admits Steel Mill Spill Caused Fish Deaths. *Maritime Executive* [Online].

30 June 2016. Available from: <http://www.maritime-executive.com/article/formosa-admits-steel-mill-spill-caused-fish-deaths> One of the biggest environmental disasters to hit Vietnam was caused by a unit of a Taiwanese conglomerate leaking toxic waste into the sea, the Hanoi government said on Thursday, ending months of mystery and rare public outrage.

Plastic waste dumped in UK seas 'carried to Arctic within two years'.

By Damian Carrington. *The Guardian* [Online]. 5 July 2016. Available from:

<https://www.theguardian.com/environment/2016/jul/05/plastic-waste-dumped-in-uk-seas-carried-to-arctic-within-two-years> Plastic dumped into the seas around the UK is carried to the Arctic within two years, scientists have revealed, where it does "extreme harm" to the fragile polar environment.

Marine Litter: Vital Graphics. *United Nations Environment Programme (UNEP) and GRID-Arendal* [Online]. 6 July 2016. Available from:

<http://staging.unep.org/docs/MarineLitter.pdf>  Every year, the sum of humanity's knowledge increases exponentially. And as we learn more, we also learn there is much we still don't know. Plastic litter in our oceans is one area where we need to learn more, and we need to learn it quickly. **INFOGRAPHIC** 

Tackling plastic pollution should begin at the source. *United Nations Environment Programme (UNEP)* [Online]. 6 July 2016. Available from:

http://unep.org/gpa/resources/marine_litter_vital_graphics.asp Marine Litter Vital Graphics, highlights why it is important to act now if we want to avoid living in a sea of plastic by mid-century.

Oil Leak in Haifa Bay Area Treated, Cleaned. *Israel Ministry of Environmental Protection* [Online]. 6 July 2016. Available from:

<http://www.sviva.gov.il/English/ResourcesandServices/NewsAndEvents/NewsAndMessageDove/2016/07-July/Oil-Leak-in-Haifa-Bay-Cleaned.aspx> A marine pollution incident in northern Israel has been treated.

Hong Kong Searches for a Culprit as Garbage Piles High on Beaches. **By Austin Ramzy.**

New York Times [Online]. 11 July 2016. Available from:

<http://www.nytimes.com/2016/07/12/world/asia/hong-kong-beaches-trash.html> Trash on beaches is an unwelcome reality for people in Hong Kong, as it is in many places in the world. In recent days, however, the city's shores have been inundated by an overwhelming amount of debris, prompting public complaints and a search for the source of the refuse.

BP estimates all remaining material *Deepwater Horizon* liabilities. *BP P.L.C.* [Online]. 14 July 2016. Available from: <http://www.bp.com/en/global/corporate/press/press-releases/bp-estimates-all-remaining-material-deepwater-horizon-liabilities.html> BP announced today that following significant progress in resolving outstanding claims arising from the 2010 *Deepwater Horizon* accident and oil spill, it can now reliably estimate all of its remaining material liabilities in connection with the incident.

A relative drop in the ocean - prediction models help determine best oil spill response. By Kristina Ballard. *Texas A & M University* [Online]. 14 July 2016. Available from: <http://engineering.tamu.edu/news/2016/07/14/a-relative-drop-in-the-ocean> Oil spills can be catastrophic, impacting health, the ecosystem and the economy.

Meet discusses ballast water risks. *Times of India* [Online]. 14 July 2016. Available from: <http://timesofindia.indiatimes.com/city/goa/Meet-discusses-ballast-water-risks/articleshow/53199110.cms> Scientists from the ASEAN (association of South East Asian nations) met on Wednesday, to discuss how they can collaborate and develop methodologies for risk assessment of ballast water management.

Clearing up the confusion around marine plastics. By Chris Sherrington, Principal Consultant, Eunomia Environmental Research and Consulting. *EurActiv* [Online]. 20 July 2016. Available from: <http://www.euractiv.com/section/climate-environment/opinion/clearing-up-the-confusion-around-marine-plastics/> Contrary to popular myths, the overwhelming majority of plastic pollution at sea occurs on the ocean floor, not on the surface.

Op-Ed: Marine Pollution in the Caribbean. By George Nicholson and Rachel Robinson of the Association of Caribbean States. *Caribbean Journal* [Online]. 21 July 2016. Available from: <http://www.caribjournal.com/2016/07/21/op-ed-marine-pollution-caribbean> Pollution of the world's oceans is globally recognized as one of our highest environmental concerns.

Ship responsible for Cape Upstart oil spill identified. By The Honourable Mark Bailey. *Government of Australia* [Online]. 28 July 2016. Available from: <http://statements.qld.gov.au/Statement/2016/7/28/ship-responsible-for-cape-upstart-oil-spill-identified> Authorities investigating an oil spill in the Great Barrier Reef south of Townsville last year have identified the ship allegedly responsible and have forwarded the evidence to the Commonwealth Director of Public Prosecutions.

Very large ore carrier spills fuel off Singapore. *Maritime Executive* [Online]. 27 July 2016. Available from: <http://www.maritime-executive.com/article/very-large-ore-carrier-spills-fuel-off-singapore> On Tuesday morning, the very large ore carrier *Berge Bureya* spilled approximately one ton of heavy fuel oil into the Straits of Malacca off of Tanjung Piai, Malaysia, just west of Singapore.

Malaysia, Singapore conduct joint chemical spill drill along Johor Straits. *Malay Mail Online* [Online]. 28 July 2016. Available from: <http://www.themalaymailonline.com/malaysia/article/malaysia-singapore-conduct-joint-chemical-spill-drill-along-johor-straits> Malaysia and Singapore today conducted a joint chemical spill exercise at sea along the East Johor Straits to test the Joint Emergency Response Plan (ERP) for chemical spill incidents and the communication linkages between the Operation Liaison Officers (OLOs) and the Environment Liaison Officers (ELOs) in both countries.

HEALTH

Seafarer health - It's the life you lead. By Michael Grey. *Seatrade Maritime News* [Online]. 25 July 2016. Available from: <http://www.seatrade-maritime.com/news/asia/seafarer-health-its-the-life-you-lead.html> "There's old captains and there's bold captains, but there's no old, bold captains" – is an ancient saying beloved of people who lecture about navigational safety.

Making seafarers happier at sea. By Alastair Fischbacher, Chief Executive, Sustainable Shipping Initiative. *Splash 24/7* [Online]. 27 July 2016. Available from: <http://splash247.com/making-seafarers-happier-at-sea/> There can be no doubt that seafarers face vastly different challenges to most working men and women.

HEALTH AND SAFETY

Fatigue: Let's do something about it. By Michael Grey. *Lloyd's List* [Online]. 11 July 2016. Available from: <https://www.lloydslist.com/ll/news/commentary/article529610.ece> WHO remembers the Horizon Project — the research undertaken by Warsash, with Swedish partners, to demonstrate that fatigue was not just a figment of seafarers' imagination?

Transport Malta: Gas inhalation by crew on chemical carrier. *Safety 4 Sea* [Online]. 21 July 2016. Available from: <http://www.safety4sea.com/transport-malta-gas-inhalation-by-crew-on-chemical-carrier/> The Maltese flag chemical carrier *Bomar Mercury* had loaded a cargo of Aniline in Tees, UK from 1625 on 17 July 2015 until 1705 on 18 July 2015, spending 31 hours in port before sailing to Rotterdam Vopak Terminal on 19 July 2015.

IMO

Meet the Ex-IMO Secretary-General who transformed the Maritime Field. *Humans at Sea* [Online]. 4 July 2016. Available from: <http://humansatsea.com/2016/07/04/meet-the-ex-imo-secretary-general-who-transformed-the-maritime-field/> Chandrika Prasad Srivastava (8 July 1920 - 22 July 2013) was a retired Indian civil servant, international administrator and diplomat.

Nigeria seeks greater collaboration with IMO. *Daily Trust (Nigeria)* [Online]. 11 July 2016. Available from: <http://www.dailytrust.com.ng/news/general/nigeria-seeks-greater-collaboration-with-imo/154853.html> This is contained in a statement by the Head, Corporate Communication Team of NIMASA, Hajia Lami Tumaka, on Monday in Lagos, a copy of which was obtained by the News Agency of Nigeria (NAN).

IMO abandons monthly convention updates. By Paul Gunton. *Ballast Water Treatment Technology* [Online]. 11 July 2016. Available from: http://www.ballastwatermanagement.co.uk/news/view,imo-abandons-monthly-convention-updates_43674.htm IMO has abandoned the practice introduced at the start of this year to reassess its conventions at the end of each month.

FEPORT welcomes IMO Secretary General's proposed theme for 2017 World Maritime Day: "Connecting Ships, Ports and People". *FEPORT (Federation of European Private Port Operators)* [Online]. 14 July 2016. Available from: <http://www.feport.eu/2014-11-18-12-05-27/news/general-news/264-feport-welcomes-imo-secretary-general-s-proposed-theme-for-2017-world-maritime-day-connecting-ships-ports-and-people> IMO Secretary General addressed the IMO Council, meeting for its 116th session at IMO Headquarters in London last July 7th, 2016,

Guest Voices: Sailing Around the Paris Climate Accord? By Olaf Merk, administrator for ports and shipping at the International Transport Forum, OECD. *Wall Street Journal* [Online]. 21 July 2016. Available from: <http://www.wsj.com/articles/guest-voices-sailing-around-the-paris-accord-1469115611> Shipping was left out of the historic 2015 Paris Agreement on Climate Change, yet the shipping industry pledged to move forward "in the spirit of Paris."

LAW AND POLICY

Hong Kong to align with China's marine fuel sulfur emissions control plan: report. By Clarice Chiam. *Bunkworld* [Online]. 1 July 2016. Available from: <http://www.bunkerworld.com/news/142118> Hong Kong will be aligning itself with China's sulfur emissions control plan, under which all vessels must switch to marine bunker fuel with a maximum sulfur content of 0.5% once it enters a designated Emission Control Area zone come January 1, 2019, the South China Morning Post reported Friday.

The Tribunal Sets Date for Issuance of Final Award: The Arbitration between the Republic of the Philippines and the People's Republic of China. *Permanent Court of Arbitration* [Online]. 29 June 2016. Available from: <http://www.pcacases.com/web/sendAttach/1782>  The Permanent Court of Arbitration has today informed the Parties that the Tribunal will issue its Award in the arbitration initiated by the Republic of the Philippines against the People's Republic of China under Annex VII to the United Nations Convention on the Law of the Sea (the "Convention").

Foreign tourist vessels required to report their routes in Russia's Arctic regions. *The Arctic (Russian Federation)* [Online]. 4 July 2016. Available from: <http://arctic.ru/tourism/20160704/385378.html> President Vladimir Putin has signed a federal law on the rules for foreign tourist vessels in Russia's internal waters and territorial sea, RIA Novosti reported on July 4.

Spill response tackled in new contract. *Baltic and International Maritime Council (BIMCO)* [Online]. 4 July 2016. Available from: https://www.bimco.org/News/2016/07/04/Spill_response_tackled_in_new_contract.aspx The International Spill Control Organization (ISCO) and BIMCO are working together to develop a standard contract for spill response services.

Frontex Welcomes European Parliament Vote on European Border and Coast Guard. *Frontex* [Online]. 6 July 2016. Available from: <http://frontex.europa.eu/news/frontex-welcomes-european-parliament-vote-on-european-border-and-coast-guard-tQmLpF> Frontex welcomes today's vote by the European Parliament on the regulation that will create the European Border and Coast Guard Agency on the foundation laid by Frontex, which has helped to coordinate cooperation at the EU's external borders for more than a decade.

Super-Frontex approved, acclaimed and decried. By Georgi Gotev. *EurActiv* [Online]. 7 July 2016. Available from: <http://www.euractiv.com/section/global-europe/news/super-frontex-approved-acclaimed-and-decried/> The European Parliament endorsed today (7 July) the Commission's proposal to establish a European Border and Coast Guard Agency, beefing up the existing Frontex, a move acclaimed by the major political groups, but decried by the Greens and the leftist GUE/NGL because of its new powers.

Joint Statement on the adoption by the European Parliament of the Commission's proposal for the creation of a European Border and Coast Guard. *European Commission* [Online]. 6 July 2016. Available from: http://europa.eu/rapid/press-release_STATEMENT-16-2431_ro.htm The European Border and Coast Guard will ensure a truly collective European management of our borders, based on the principle that security of our common EU external borders is a responsibility shared amongst all EU countries.

Ballast Water Systems Near U.S. Type Approval. *Maritime Executive* [Online]. 7 July 2016. Available from: <http://www.maritime-executive.com/article/ballast-water-systems-near-us-type-approval> As the ratification of IMO ballast water management regulations inches ever closer, dozens of equipment manufacturers are in various stages of applying for type approval from the U.S. Coast Guard for their systems.

EC to Turn Focus on Bunker Suppliers in Sulfur Regs Enforcement. *Ship & Bunker* [Online]. 11 July 2016. Available from: <http://shipandbunker.com/news/emea/495919-ec-to-turn-focus-on-bunker-suppliers-in-sulfur-regs-enforcement> The European Commission (EC) is seeking to undertake a new study that will focus on bunker suppliers as part of its obligations under MARPOL Annex VI.

New era beckons with implementation of illegal fishing treaty. *Food and Agriculture Organization (FAO)* [Online]. 11 July 2016. Available from: <http://www.fao.org/news/story/en/item/424284/icode/> The Port State Measures Agreement "marks the dawn of a new era in the effort to combat illegal fishing" but rapid action is needed to make sure its implementation is effective, FAO Director-General José Graziano da Silva said today at an event held to celebrate the world's first international treaty specifically aimed at tackling Illegal, Unreported and Unregulated (IUU) fishing.

Statement of DFA Secretary on Permanent Court of Arbitration ruling. *Philippine Information Agency* [Online]. 12 July 2016. Available from: <http://news.pia.gov.ph/article/view/1141468321780/statement-of-dfa-secretary-on-permanent-court-of-arbitration-ruling> The Department of Foreign Affairs issued today, the statement of Foreign Affairs Secretary Perfecto Yasay on the issuance of the Award by the Arbitral Tribunal.

Full text of statement of China's Foreign Ministry on award of South China Sea arbitration initiated by Philippines. *Xinhuanet (China)* [Online]. 12 July 2016. Available from: http://news.xinhuanet.com/english/2016-07/12/c_135507744.htm Following is the full text of the Statement of the Ministry of Foreign Affairs of the People's Republic of China on the Award of 12 July 2016 of the Arbitral Tribunal in the South China Sea Arbitration Established at the Request of the Republic of the Philippines issued on Tuesday.

South China Sea ruling - Asian media reaction. *Asia New Zealand Foundation* [Online]. 12 July 2016. Available from: <http://www.asianz.org.nz/bulletin/south-china-sea-ruling-asian-media-reaction> Following the long-awaited ruling from the United Nations Convention of the Law of the sea (UNCLOS) Tribunal on the South China Sea, Asia New Zealand Foundation staff members Dr James To and Pip McLachlan have pulled together a selection of immediate regional responses, as reported by Asian media.

China vows to protect South China Sea sovereignty, Manila upbeat. *By Ben Blanchard and Martin Petty. Reuters* [Online]. 13 July 2016. Available from: <http://uk.reuters.com/article/uk-southchinesea-ruling-idUKKCN0ZS02P> 🇨🇳 China vowed to take all necessary measures to protect its sovereignty over the South China Sea and said it had the right to set up an air defence zone, after rejecting an international tribunal's ruling denying its claims to the energy-rich waters.

Tribunal Rules Against China's South China Sea Claims. *Maritime Executive* [Online].

12 July 2016. Available from: <http://maritime-executive.com/article/tribunal-rules-against-chinas-s-china-sea-claims> An arbitration court ruled on Tuesday that China has no historic title over the waters of the South China Sea and has breached the Philippines' economic rights with its actions, infuriating Beijing.

Large shipping company convicted for fatal crush injury.

SafeWork SA (Government of South Australia) [Online]. 13 July 2016. Available from: http://www.safework.sa.gov.au/uploaded_files/20160713IncoShips.pdf The family of a worker killed on a barge at the end of 2012 has received compensation as part of a decision made by the Industrial Court this last week.

Final action on ballast water management system appeals. By Katie Braynard.

US Coast Guard Maritime Commons [Online]. 12 July 2016. Available from: <http://mariners.coastguard.dodlive.mil/2016/07/12/7122016-final-action-on-ballast-water-management-system-appeals/> On Dec. 14, 2015, the Coast Guard Marine Safety Center (MSC) denied requests from four ballast water treatment system manufacturers to use an alternative testing method for Coast Guard type approval of their ultra-violet (UV) based ballast water management systems (BWMS).

Captain Acquitted of Failure to Report Crime. *Maritime Executive* [Online]. 12 July 2016.

Available from: <http://maritime-executive.com/article/captain-acquitted-of-failure-to-report-crime> An Italian court has convicted a cruise ship crewmember of sexual assault – and has acquitted the vessel's captain of charges of "fraudulent misrepresentation and failure to report" for failing to tell the Italian Coast Guard about the incident, and for stating in a report that there was no "extraordinary event" during the voyage.

Somalia mulls maritime law to ensure safety, curb pollution.

Mogadishu Center for Research & Studies (Somalia) [Online]. 12 July 2016. Available from: <http://mogadishucenter.com/English/2016/07/12/somalia-mulls-maritime-law-to-ensure-safety-curb-pollution/> The Somali Maritime Code received backing from the country's key maritime stakeholders and development partners after its launch in Mogadishu.

Guilty verdicts after UK's biggest ever cocaine seizure. *UK National Crime Agency* [Online].

11 July 2016. Available from: <http://www.nationalcrimeagency.gov.uk/index.php/news-media/nca-news/885-guilty-verdicts-after-uk-s-biggest-ever-cocaine-seizure> The captain and first officer of an ocean going tug boat have been found guilty of drug trafficking following the biggest ever UK seizure of class A drugs.

Tribunal rules against China's claims in the South China Sea. By Eric Yep. *Lloyd's List*

[Online]. 12 July 2016. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article530349.ece> An international tribunal has ruled in favour of the Philippines and against China's territorial claims in the South China Sea, potentially opening up the region to more geopolitical uncertainty and growing risks for commercial shipping if disputes escalate.

Alternate Management Systems Program Update – Release of MSIB 10-16.

By Paul Thomas, assistant commandant for prevention policy.

US Coast Guard Maritime Commons [Online]. 12 July 2016. Available from: <http://mariners.coastguard.dodlive.mil/2016/07/12/7122016-alternate-management-systems-program-update-release-of-msib-10-16/> In November 2015, my staff published CG-OES Policy Letter 13-01, Revision 2, which provided guidance to vessel owners and operators seeking to extend compliance dates for implementing ballast water management (BWM) methods.

Kalla urges ship owners to not pay ransom to kidnappers. *Antara News (Indonesia)* [Online]. 12 July 2016. Available from: <http://www.antaranews.com/en/news/105597/kalla-urges-ship-owners-to-not-pay-ransom-to-kidnappers> Vice President M. Jusuf Kalla has urged ship owners whose crew members have been taken hostage to not pay ransom to the kidnappers.

EGCSA says CE Delft report gives clear mandate for introduction of 2020 global sulphur cap. *Hellenic Shipping News* [Online]. 15 July 2016. Available from: <http://www.hellenicshippingnews.com/egcsa-says-ce-delft-report-gives-clear-mandate-for-introduction-of-2020-global-sulphur-cap/> The Exhaust Gas Cleaning Systems Association (EGCSA) has welcomed the findings of Netherlands research institute CE Delft into availability of low sulphur marine fuel by 2020 to be issued on 15 July 2016.

EU Naval Force Welcomes Third Successful Conviction in 2016 of Armed Pirates who Terrorised Seafarers off the Coast of Somalia. *EU NAVFOR Somalia* [Online]. 14 July 2016. Available from: <http://eunavfor.eu/eu-naval-force-welcomes-third-successful-conviction-in-2016-of-armed-pirates-who-terrorised-seafarers-off-the-coast-of-somalia> The European Union's counter-piracy EU Naval Force has welcomed the conviction earlier today of twelve men after they were found guilty by the Mauritian Court of attempting to carry out an act of piracy against a merchant ship, *MSC Jasmine*, on 5 January 2013.

Vessel impounded for smuggling arms sinks in the Philippines. By Holly Birkett. *Splash 24/7* [Online]. 18 July 2016. Available from: <http://splash247.com/vessel-impounded-for-smuggling-arms-sinks-philippines/> A vessel confiscated in 2009 by the Philippines' Bureau of Customs for arms smuggling has sunk in Manila Bay due to lack of maintenance.

Liberian Ship Management Company, Corporate Vessel Owner, and Three Engineering Officers Indicted for Environmental Crimes and Conspiracy. *US Department of Justice* [Online]. 15 July 2016. Available from: <https://www.justice.gov/opa/pr/liberian-ship-management-company-corporate-vessel-owner-and-three-engineering-officers> A federal grand jury in Charleston, South Carolina, returned an indictment today charging Aegean Shipping Management S.A. and Aegeansun Gamma Inc. with obstruction of an agency proceeding, conspiracy and failing to keep accurate pollution control records, the Justice Department announced.

Govt mulls deploying sea marshal to guard coal export barges. By Marguerite Afra Sapiie. *Jakarta Post* [Online]. 16 July 2016. Available from: <http://www.thejakartapost.com/seasia/2016/07/16/govt-mulls-deploying-sea-marshal-to-guard-coal-export-barges.html> Indonesia is exploring the option of deploying a sea marshal to guard coal export barges, either involving the Indonesian Navy or private security firms, a senior minister said on Friday.

South China Sea ruling sparks conservation fears. By David Cyranoski. *Nature* [Online]. 20 July 2016. Available from: <http://www.nature.com/news/south-china-sea-ruling-sparks-conservation-fears-1.20279> An international tribunal has ruled against China's territorial claims in the South China Sea — and ecologists are worried.

Military presence on merchant vessels prohibited: Navy commander. By Liza Yosephine. *Jakarta Post* [Online]. 20 July 2016. Available from: <http://www.thejakartapost.com/news/2016/07/20/military-presence-on-merchant-vessels-prohibited-navy-commander.html> Navy chief Adm. Ade Supandi has said he is not certain the government's plan to provide security involving armed military personnel on board coal vessels traveling in areas prone to piracy can be implemented.

Energy Union and Climate Action: Driving Europe's transition to a low-carbon economy. *European Commission* [Online]. 20 July 2016. Available from: http://europa.eu/rapid/press-release_IP-16-2545_en.htm The Commission is working to keep the EU competitive as the global social economic model changes following the impetus to move towards a modern and low-carbon economy set by the Paris Agreement on climate change.

Factsheet on the Commission's proposal on binding greenhouse gas emission reductions for Member States (2021-2030). *European Commission* [Online]. 20 July 2016. Available from: http://europa.eu/rapid/press-release_MEMO-16-2499_en.htm The collective efforts of all Member States will be required to modernise the economy and ensure a successful transition to a low-carbon economy.

EU unveils national CO2 emission targets. *EurActiv* [Online]. 20 July 2016. Available from: <http://www.euractiv.com/section/transport/video/eu-unveils-binding-national-co2-emission-reduction-for-tran/> "These targets are realistic, fair and flexible," EU Commissioner for Climate Action and Energy Miguel Arias Cañete said on Wednesday after the EU unveiled national targets for cutting greenhouse gases in 'non-ETS' sectors by 2030.

Rotterdam offers burial at sea for greenhouse gases. By Barbara Lewis and Robert-Jan Bartunek. *Reuters* [Online]. 19 July 2016. Available from: <http://www.reuters.com/article/us-environment-carboncapture-idUSKCN0ZZ1K4> A scheme to collect millions of tonnes of greenhouse gases and bury them under the North Sea off the coast of Rotterdam is Europe's best hope of showing it can make carbon capture and storage (CCS) technology work.

The South China Sea Arbitration (The Republic of the Philippines v. the People's Republic of China): The Tribunal Renders Its Award. *Permanent Court of Arbitration* [Online]. 12 July 2016. Available from: <https://pca-cpa.org/wp-content/uploads/sites/175/2016/07/PH-CN-20160712-Press-Release-No-11-English.pdf> A unanimous Award has been issued today by the Tribunal constituted under Annex VII to the United Nations Convention on the Law of the Sea (the "Convention") in the arbitration instituted by the Republic of the Philippines against the People's Republic of China. [Press Release](#) [Award](#) [All case documents issued](#)

Researchers to set sail from Nova Scotia for the North Pole. By Michael Goman. *Canadian Broadcasting Corporation (CBC)* [Online]. 22 July 2016. Available from: <http://www.cbc.ca/news/canada/nova-scotia/coast-guard-canada-north-pole-1.3689947> A team of researchers setting out from Nova Scotia Friday is hoping to augment that understanding during a survey trip that will include six weeks in the Arctic and an effort to finalize Canada's submission for sovereignty.

Post-Brexit exclusion from EU ports plan could help British terminals. By Jonathan Saul. *Reuters* [Online]. 21 July 2016. Available from: <http://uk.reuters.com/article/uk-britain-ports-idUKKCN10127H> British ports could gain a competitive edge in tough shipping markets through post-Brexit exclusion from planned European Union regulation of the sector, leading British port officials told Reuters.

ASEAN deadlocked on South China Sea, Cambodia blocks statement. By Manuel Mogato and Michael Martina. *Reuters* [Online]. 24 July 2016. Available from: <http://www.reuters.com/article/us-southchinasea-ruling-asean-idUSKCN1050F6> Southeast Asian nations failed to agree on maritime disputes in the South China Sea on Sunday after Cambodia blocked any mention to an international court ruling against Beijing in their statement, diplomats said.

Preparing the ground for an integrated maritime safety and security strategy.

Government of Mauritius [Online]. 27 July 2016. Available from:

<http://www.govmu.org/English/News/Pages/Preparing-the-ground-for-an-integrated-maritime-safety-and-security-strategy.aspx>

A table top exercise geared towards assisting States signatory of the Djibouti Code of Conduct to implement and enforce maritime safety and security and counter piracy and armed robbery against ships kicked off yesterday at the Cybercity in Ebène.

Caribbean nations prepare for maritime boundary talks with Commonwealth support.

The Commonwealth [Online]. 27 July 2016. Available from:

<http://thecommonwealth.org/media/news/caribbean-nations-prepare-maritime-boundary-talks-commonwealth-support>

Government officials from eight Caribbean countries preparing for bilateral talks to settle unresolved maritime boundaries are in London this week to exchange best practices and receive technical guidance from the Commonwealth Secretariat.

Port states join to crack down on illegal unregulated fishing. By José Graziano da Silva, Director-General, Food and Agriculture Organization.

Rwanda Focus [Online]. 27 July 2016. Available from:

<http://www.focus.rw/wp/2016/07/27/port-states-join-to-crack-down-on-illegal-unregulated-fishing/>

Under this new agreement, parties are obliged to ensure that any fishing vessel that comes to its port, even for refueling, must announce that it is doing so and submit to an inspection of their log book, licenses, fishing gear and, to be sure, their actual cargo.

MARINE TECHNOLOGY

Drones: Is the maritime industry ready? By Sean T. Pribyl.

MarineLink.Com [Online]. 27 July 2016. Available from:

<http://www.marinelink.com/news/maritime-industry-drones413116.aspx>

Unmanned aerial systems (UAS), or "drones" in common parlance, are not a part of the historical maritime vocabulary.

First scrubber ready vessel *Oriental Jubilee* joins DNV GL fleet. By Nikos Späth.

DNV GL [Online]. 5 July 2016. Available from:

<https://www.dnvgl.com/news/first-scrubber-ready-vessel-oriental-jubilee-joins-dnv-gl-fleet-69938>

Making sure our vessels are prepared for current and upcoming emissions regulations is very important to us.

Humanoid Robots Start Work on Cruise Ship.

Maritime Executive [Online]. 12 July 2016.

Available from: <http://maritime-executive.com/article/humanoid-robots-start-work-on-cruise-ship>

Costa Cruises has installed five latest generation robots on board its flagship vessel, *Costa Diadema*.

Industrial internet of things use cases: The IIoT at sea.

RCR Wireless News [Online]. 27 July 2016. Available from:

<http://www.rcrwireless.com/20160727/internet-of-things/maritime-industrial-internet-things>

The industrial "internet of things" has found its way to sea, with connected sensors and unified platforms designed to provide increased visibility for crews.

Integrated operations and the next industrial revolution.

Splash 24/7 [Online]. 5 July 2016.

Available from: <http://splash247.com/integrated-operations-and-the-next-industrial-revolution/>

The Internet of Things, Services, and People is an emerging industry megatrend that will change the way the maritime industry and many other industries operate.

Integrated Operations: ABB's digital business transformation for the maritime industry. By Richard Windischhofer and Mikko Lepistö. *ABB* [Online]. 5 July 2016. Available from: <https://goo.gl/yhhsyi>  The previously conservative maritime industry is now tapping into the possibilities of connectivity and digitalization due to improved satellite coverage and cloud computing.

LR defines 'autonomy levels' for ship design and operation. *Lloyd's Register* [Online]. 8 July 2016. Available from: <http://www.lr.org/en/news-and-insight/news/LR-defines-autonomy-levels-for-ship-design-and-operation.aspx> With autonomous ships likely to enter service soon, LR has set out the 'how' of marine autonomous operations in a new ShipRight procedure guidance. [Cyber-enabled ships: ShipRight procedure - autonomous ships](#)

MARAD Releases Report on Improved Battery Compartment Design for Hybrid Tugs. By Kim A. Strong. *US Maritime Administration (MARAD)* [Online]. 1 July 2016. Available from: http://www.marad.dot.gov/newsroom/news_release/2016/marad-releases-report-on-improved-battery-compartment-design-for-hybrid-tugs/ The Maritime Administration (MARAD) has announced the availability of a report evaluating the design and construction of new battery components, as well as the risks and benefits of battery use in the power plant of a hybrid tugboat. [Report](#) 

New underwater robot to explore Antarctica's icy depths. *Australian Maritime College* [Online]. 11 July 2016. Available from: <https://www.amc.edu.au/news/new-underwater-robot-explore-antarcticas-icy-depths> A new underwater robot that will help scientists answer important questions about the Antarctic is due to arrive in Tasmania in early 2017, thanks to a contract awarded to International Submarine Engineering (ISE).

Nigeria advances on tracking of vessels. By Sulaimon Salau. *Guardian (Nigeria)* [Online]. 27 July 2016. Available from: <http://guardian.ng/business-services/nigeria-advances-on-tracking-of-vessels/> Determined to fully tackle the menace of criminality on the nation's territorial waters, the Federal Government has advanced in its technological means of tracking the vessels that patronize its seaports.

Ricardo and Recycling Technologies to characterise plastic waste derived clean fuel. *Ricardo Energy & Environment* [Online]. 5 July 2016. Available from: <http://www.ricardo.com/en-GB/News--Media/Press-releases/News-releases1/2016/Ricardo-and-Recycling-Technologies-to-characterise-plastic-waste-derived-clean-fuel/> In the European Union alone, more than 25 million tonnes of post-consumer waste plastic is produced each year.

Rolls-Royce to showcase MTU green and high-tech at SMM. *Rolls-Royce* [Online]. 18 July 2016. Available from: <http://goo.gl/TdZm3X> Rolls-Royce will be presenting new MTU brand propulsion systems designed to meet IMO III and EPA Tier 4 emission regulations for commercial, off-shore and military vessels and yachts, at the SMM International Maritime Trade Fair from 6 to 9 September 2016.

Tankers-Automatic Pilot Systems in Waters: A Proposed Rule by the Coast Guard. *US Federal Register* [Online]. 11 July 2016. Available from: <https://www.federalregister.gov/articles/2016/07/11/2016-15791/tankers-automatic-pilot-systems-in-waters> The Coast Guard proposes to permit tankers with automatic pilot systems that meet certain international standards to operate using those systems in waters subject to the shipping safety fairway or traffic separation scheme controls specified in our regulations.

Trailblazing and standardisation. *Passenger Ship Technology* [Online]. 22 July 2016. Available from: http://www.passengership.info/news/view/trailblazing-and-standardisation_43884.htm Viking Life-Saving Equipment has launched a new chute system that complements its ground-breaking hybrid LifeCraft.

MARITIME SAFETY

Exporters Wary as Shipping Safety Rule Kicks In. By Loretta Chao, Erica E. Phillips, and Joanne Chiu. *Wall Street Journal* [Online]. 30 June 2016. Available from: <http://www.wsj.com/articles/exporters-wary-as-shipping-safety-rule-kicks-in-1467319585> Shippers worldwide say they're bracing for delays at major ports starting Friday, when a new rule meant to improve safety on cargo ships kicks in.

Container accidents: Expert calls for implementation of IMO Safety Code.

The Nation (Nigeria) [Online]. 8 July 2016. Available from: <http://thenationonline.ng.net/container-accidents-expert-calls-implementation-imo-safety-code/> The Secretary, Port Facility Security Officers of Nigeria (PFSON), Mr Ignatius Uche, yesterday urged terminal officials to implement the International Ship and Port Facility Security (ISPS) Code to avoid container accidents.

Report Finds Ship Fires Pose a Real Threat to Maritime Safety. *International Maritime Rescue Federation* [Online]. 12 July 2016. Available from: <http://imrfmirg.org/news/18-general-news/33-report-finds-ship-fires-pose-a-real-threat-to-maritime-safety> Ship fires pose a threat to maritime safety in Europe with the highest risk on roll-on/roll-off (ro-ro) passenger ships because a single ship may carry more than 1000 people and tens of millions use this transport.

Baltic Sea MIRG Project 2014-2016: Ship Fire Incident Analysis. *Finnish Boarder Guard* [Online]. 2016. Available from: <http://imrfmirg.org/component/phocadownload/file/14-baltic-sea-mirg-project-2014-2016-ship-fire-incident-analysis>

Progress and challenges re maritime cargo security programs. *Safety 4 Sea* [Online]. 12 July 2016. Available from: <http://www.safety4sea.com/progress-and-challenges-re-maritime-cargo-security-programs/> The US Government Accountability Office issued a report which provides an overview of progress and challenges in implementing maritime cargo security programs.

Marine Fire Protection: An Ungoverned Space. By Carl Stephen Patrick Hunter, CEO and managing director of Coltraco Ultrasonics. *Maritime Executive* [Online]. 15 July 2016. Available from: <http://maritime-executive.com/blog/marine-fire-protection-an-ungoverned-space> Fire protection remains an "ungoverned space" within the maritime industry.

Concern Raised Over Environmental Safety of Fuel Transfer Operations on U.S. East Coast. *Ship & Bunker* [Online]. 21 July 2016. Available from: <http://shipandbunker.com/news/am/629557-concern-raised-over-environmental-safety-of-fuel-transfer-operations-on-us-east-coast> Daniel Milligan, a retired ship captain in Portland, Maine, says lacking state regulations are enabling vessels in Casco Bay conducting ship to ship fuel transfer operations to do so without the use of proper spill prevention equipment, local media reports.

MARITIME SECURITY

Cyber-attack allows pirates to target cargo to steal. By Marcus Hand.

Seatrade Maritime News [Online]. 7 July 2016. Available from: <http://www.seatrade-maritime.com/news/americas/cyber-attack-allows-pirates-to-take-a-roman-holiday.html>

There have been a lot of warnings about shipping and cyber security but one shipowner found out the hard way how pirates were able to hack the company's systems and target to steal specific high value cargoes on its vessels.

Combating nuclear smuggling: NNSA's Detection and Deterrence Program Is Addressing Challenges but Should Improve Its Program Plan. US Government Accountability Office

(GAO) [Online]. June 2016. Available from: <http://www.gao.gov/assets/680/677895.pdf> 

Indonesia urges Malaysia and Philippines to step up maritime security against kidnapping. By Francis Chan.

Straits Times [Online]. 11 July 2016. Available from:

<http://www.straitstimes.com/asia/se-asia/indonesia-urges-malaysia-and-philippines-to-step-up-maritime-security-against>

Indonesia has called on neighbours Malaysia and the Philippines to tighten security in waters where there have been a spate of kidnappings by Abu Sayyaf militants in recent months.

U.S. Deputy Chief of Mission transfers Maritime Law Enforcement equipment to PNP in Palawan.

Philippine Information Agency [Online]. 10 July 2016. Available from:

<http://news.pia.gov.ph/article/view/1141468022997/u-s-deputy-chief-of-mission-transfers-maritime-law-enforcement-equipment-to-pnp-in-palawan>

U.S. Embassy, Manila's Deputy Chief of Mission, Michael Klecheski, dedicated the donation of four patrol boats designed to improve maritime law enforcement capabilities to the Philippine National Police (PNP) in Puerto Princesa.

NATO will expand security patrols in Mediterranean in response to ISIS threat.

By Dan Lamothe. *Washington Post* [Online]. 9 July 2016. Available from:

<https://www.washingtonpost.com/news/checkpoint/wp/2016/07/09/nato-will-expand-security-patrols-in-mediterranean-in-response-to-isis-threat/>

NATO's supreme allied commander said Saturday that he anticipates the military alliance will expand maritime patrols into the Mediterranean Sea, a response to the threat posed by the Islamic State group and the ongoing crisis in which migrants have fled from Iraq, Syria, Libya and other countries stricken with conflict.

Increased internet access at sea requires improved cyber security. By Anthony Daly, security analyst, PGI.

Splash 24/7 [Online]. 12 July 2016. Available from:

<http://splash247.com/increased-internet-access-at-sea-requires-improved-cyber-security/>

Remember that when you conduct a risk assessment of your systems, irrespective of being shore based or at sea, the three pillars of information security are to maintain the confidentiality, integrity and availability of data.

Maritime security cooperation key to India, Kenya engagement: PM Modi.

Business Standard (India) [Online]. 11 July 2016. Available from: http://www.business-standard.com/article/news-ani/maritime-security-cooperation-key-to-india-kenya-engagement-pm-modi-116071100605_1.html

Reiterating that terrorism had emerged as a common challenge to countries across the world, Prime Minister Narendra Modi on Monday hailed the agreements signed between India and Kenya and said that cooperation in field of maritime security was a key aspect of security engagement between the two countries.

Government meets boat owners, discusses exports to Philippines. *Antara News (Indonesia)* [Online]. 13 July 2016. Available from:

<http://www.antaranews.com/en/news/105636/government-meets-boat-owners-discusses-exports-to-philippines> The Indonesian government held a meeting with Indonesian National Ship Owners Association (INSA) and those in the coal business to discuss the security aspect of export of the commodity to the Philippines.

Maritime Security: Progress and Challenges in Implementing Maritime Cargo Security Programs. *US Government Accountability Office (GAO)* [Online]. 7 July 2016. Available from:

<http://www.gao.gov/assets/680/678249.pdf> What GAO Found: The Department of Homeland Security (DHS) and U.S. Customs and Border Protection (CBP) have made substantial progress in implementing initiatives and programs that, collectively, have enhanced cargo security, but some challenges remain. Examples of progress and challenges are discussed below.

Govt to focus on small vessels' security to prevent more hijackings.

By Marguerite Afra Sapiie. *Jakarta Post* [Online]. 15 July 2016. Available from:

<http://www.thejakartapost.com/news/2016/07/15/govt-to-focus-on-small-vessels-security-to-prevent-more-hijackings.html> Indonesia has prioritized strengthening security for tugboats and barges exporting coal across regional waters and is considering deploying a sea marshal to protect deliveries as well as to prevent further hijackings in the future.

NIMASA Assures International Shipping Community of Security in Nigeria.

By Eromosele Abiodun. *This Day (Nigeria)* [Online]. 18 July 2016. Available from:

<http://www.thisdaylive.com/index.php/2016/07/18/nimasa-assures-international-shipping-community-of-security-in-nigeria/> In a bid to woo shipping companies to Nigeria and increase revenue for the federal government, the Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA), Dr. Dakuku Peterside has assured the international shipping community and stakeholders of the country's determination to eliminate piracy and criminality within her territorial waters.

Bosphorus open after failed Turkish coup, but security fears linger. **By Kent Gray.**

Seatrade Maritime News [Online]. 17 July 2016. Available from: <http://www.seatrade-maritime.com/news/asia/bosphorus-open-after-failed-turkish-coup-but-security-fears-linger.html> Commercial shipping remains on high alert despite the re-opening of the Bosphorus strait following Saturday's failed coup attempt by a faction of the Turkish military.

North Korea 'fires three ballistic missiles into sea'. *BBC News* [Online]. 19 July 2016.

Available from: <http://www.bbc.co.uk/news/world-asia-36831308> The missiles were launched from the Hwangju region, said South Korea's Joint Chiefs of Staff (JCS) and flew about 500km (310 miles) to 600km.

UKHO publishes revised Maritime Security Chart for GoG. *Safety 4 Sea* [Online].

19 July 2016. Available from: <http://www.safety4sea.com/ukho-publishes-revised-maritime-security-chart-for-gog/> This chart is one of a series of new Maritime Security Charts that contains security related information to mariners for the West Africa area including the Gulf of Guinea.

Increased Internet Access at Sea requires Improved Cyber Security. **By Anthony Daly.**

Protection Vessels International [Online]. 18 July 2016. Available from:

<https://www.pvilt.com/news-insight/news/article/increased-internet-access-at-sea-requires-improved-cyber-security.html> An increase in internet access at sea will lead to an increased risk of suffering a cyber-attack.

Maritime training facility berths in Lagos. By John Iwori. *This Day (Nigeria)* [Online]. 24 July 2016. Available from: <http://www.thisdaylive.com/index.php/2016/07/24/maritime-training-facility-berths-in-lagos/> A modern maritime training facility has berthed in Lagos with a promise to address the capital flight associated with overseas training of manpower required for the maritime industry over the years.

Radiation Tech: Security for Global Ports? *Port Technology International* [Online]. 22 July 2016. Available from: https://www.porttechnology.org/news/radiation_tech_security_for_global_ports/ Passport Systems, Inc has affirmed that it has developed radiation detection technology that can help domestic and foreign seaports around the world thwart nuclear terrorists seeking to transport radioactive materials.

FG to partner NPA on maritime security. By Eromosele Abiodun. *This Day (Nigeria)* [Online]. 25 July 2016. Available from: <http://www.thisdaylive.com/index.php/2016/07/25/fg-to-partner-npa-on-maritime-security/> The federal government has said that it will collaborate with the new management of the Nigerian Ports Authority (NPA) to ensure adequate security within Nigeria's waterways.

Coast Guard to impose tight cordon around Davao Gulf. By Antonio L. Colina. *Manila Bulletin* [Online]. 25 July 2016. Available from: <http://www.mb.com.ph/coast-guard-to-impose-tight-cordon-around-davao-gulf/> The Philippine Coast Guard (PCG) in Southeastern Mindanao is closely monitoring all foreign vessels entering the Davao Gulf to curb the possible entry of illegal drugs and the unlawful export of minerals.

Infographic: Half-Year Maritime Security Report. *Port Technology International* [Online]. 22 July 2016. Available from: https://www.porttechnology.org/news/infographic_half_year_maritime_security_report Global risk and consultancy firm Control Risks has released an infographic exposing a significant decline in maritime security incidents globally (24%) in 2016, compared with the same period in 2015.

Report: Abducting of crew from ships in waters off Eastern Sabah and Southern Philippines (Part II). *ReCAAP* [Online]. 27 July 2016. Available from: http://www.recaap.org/AlertsReports/IncidentReports.aspx?Command=Core_Download&EntryId=455 The ReCAAP ISC is concerned with the spate of incidents involving the abduction of crew from ships while underway in waters off eastern Sabah and southern Philippines which occurred since March 2016.

Interview: Tripartite Africa-China-U.S. talks to discuss maritime security. *Xinhuanet (China)* [Online]. 27 July 2016. Available from: http://news.xinhuanet.com/english/2016-07/27/c_135544715.htm The tripartite talks bringing together Africa, China and the U.S., which in 2014 were only meant to discuss peace issues, will this year focus on maritime security and the blue economy.

Saudi Arabia, Kuwait complain to U.N. over Iran maritime assault. By Abdul Hadi Habtoor. *Asharq Al-Awsat* [Online]. 28 July 2016. Available from: <http://english.aawsat.com/2016/07/article55355279> Riyadh- Saudi Arabia's Permanent Representative to the U.N., Abdallah Al-Mouallimi, asserted that the complaint presented by Saudi Arabia and Kuwait to the U.N. on Tuesday over Iranian maritime violations in the split area divided between Kuwait and Saudi Arabia was similar to a notice, adding there could be another request for an intervention by the world body to stop possible future violations.

Interview: Tripartite Africa-China-U.S. talks to discuss maritime security.

By Tian Shaohui. *Xinhuanet (China)* [Online]. 27 July 2016. Available from:

http://news.xinhuanet.com/english/2016-07/27/c_135544715.htm The tripartite talks bringing together Africa, China and the U.S., which in 2014 were only meant to discuss peace issues, will this year focus on maritime security and the blue economy.

MARITIME TRAINING

Rise in ships detained for ecdis deficiencies. By Martyn Wingrove.

Marine Electronics and Communications [Online]. 1 July 2016. Available from:

http://www.marinemec.com/news/view,rise-in-ships-detained-for-ecdis-deficiencies_43571.htm

More vessels are being detained by port state control (PSC) because of ecdis deficiencies.

[Guide to ECDIS](#) 

Kongsberg develops LNG cruise ferry model for new STCW standards.

By Rebecca Moore. *Marine Electronics and Communications* [Online]. 7 July 2016.

Available from: http://www.marinemec.com/news/view,kongsberg-develops-lng-cruise-ferry-model-for-new-stcw-standards_43648.htm The focus on training and safety within LNG-fuelled passenger ships has been boosted after Kongsberg revealed that it is developing a new engineroom model based on a dual-fuel cruise ferry.

Maritime College hits out at delays by Department of Transport. By Claire O'Sullivan.

Irish Examiner [Online]. 12 July 2016. Available from:

<http://www.irishexaminer.com/ireland/maritime-college-hits-out-at-delays-by-department-of-transport-409736.html> The National Maritime College of Ireland has accused the Department of Transport of engaging "in a turf war" that could threaten the international reputation of the college and render invalid training courses already completed by 400 students.

STCW in tune with industry developments. By Malcolm Latache. *ShipInsight* [Online].

11 July 2016. Available from: <https://www.shipinsight.com/stcw-tune-industry-developments/>

As with all matters relating to ships, the first and foremost authority that can regulate and legislate on the competency of seafarers is the flag state.

A.P. [Andhra Pradesh], marine varsity of St. Petersburg ink pact. *The Hindu (India)* [Online].

14 July 2016. Available from: <http://www.thehindu.com/news/national/andhra-pradesh/ap-marine-varsity-of-st-petersburg-ink-pact/article8846196.ece> The State Government has signed a memorandum of understanding with the State Marine Technical University of St. Petersburg for promoting marine education and technology.

UTT's Maritime Programme Makes Waves. *Daily Express (Trinidad and Tobago)* [Online].

13 July 2016. Available from: <http://www.trinidadexpress.com/20160713/press-releases/utts-maritime-programme-makes-waves> The University of Trinidad and Tobago (UTT) continues to create waves with its Maritime Programmes as the Centre for Maritime Studies has recorded milestone achievements through ground-breaking initiatives for the growth of the maritime sector.

Carnival Corporation Opens Arison Maritime Center for World-Class Safety Training.

Carnival Corporation & Plc [Online]. 14 July 2016. Available from:

<http://www.carnivalcorp.com/phoenix.zhtml?c=200767&p=irol-newsArticle&ID=2185532>

The new 75-million-euro facility in Almere, Netherlands, just outside Amsterdam, was celebrated with a ceremony honoring longtime board chairman Micky Arison and his father Ted, founder of the company, that was attended by the company's global leaders, board members and government, community and business officials.

Raising Our Standards: Moving Beyond Basic Maritime Training. By Jaquelyn Burton. *gCaptain* [Online]. 16 July 2016. Available from: <https://gcaptain.com/raising-our-standards-moving-beyond-basic-maritime-training/> For many of the everyday practices in the maritime world - there are standards.

Recruiting and Retaining Top Talent at Sea. By Alastair Fischbacher, Chief Executive, Sustainable Shipping Initiative. *Ship & Bunker* [Online]. 20 July 2016. Available from: <http://shipandbunker.com/news/features/industry-insight/272029-recruiting-and-retaining-top-talent-at-sea> With shipping accounting for 90% of global trade, the need for numerous and highly-qualified seafarers is a constant.

Greek partnership. By Jake Frith. *Maritime Journal* [Online]. 20 July 2016. Available from: <http://www.maritimejournal.com/news101/onboard-systems/safety,-survival-and-training/greek-partnership> Two of the UK Southampton Solent University's renowned shipping courses are set to be run in Greece, thanks to a recently announced partnership with AKMI Metropolitan College (AMC).

Ship crash highlights need for team training. *Marine Electronics and Communications* [Online]. 21 July 2016. Available from: http://www.marinemec.com/news/view,ship-crash-highlights-need-for-team-training_43865.htm The need for more, and better, bridge team training was highlighted by the grounding of passenger ship Hamburg in Scotland.

Crew training is vital for BWMS operation. *Ballast Water Treatment Technology* [Online]. 25 July 2016. Available from: http://www.ballastwatermanagement.co.uk/news/view,crew-training-is-vital-for-bwms-operation_43908.htm Unless a ship's crew is properly trained to operate its ballast water management system (BWMS) "it costs money in servicing and broken parts and gives the captain a headache in running the ship," the chief executive of Norway based Optimarin, Tore Andersen, told Norwegian Solutions.

MIGRANTS

IOM Libya Migration and Assistance Overview | 16 June - 30 June 2016. *International Organization for Migration (IOM)* [Online]. 1 July 2016. Available from: <http://www.iom.int/sitreps/iom-libya-migration-and-assistance-overview-16-june-30-june-2016>

Ten migrants die in sinking boat off Libya - Italian coastguard. By Isla Binnie. *Reuters* [Online]. 30 June 2016. Available from: <http://uk.reuters.com/article/uk-europe-migrants-italy-idUKKCN0ZG1ED> Ten women died in a sinking rubber boat off the coast of Libya on Thursday and an Italian ship rescued hundreds of other migrants, the Italian coastguard said.

In first half of 2016, record number of migrants die trying to cross Mediterranean: IOM. By Lin Taylor. *Reuters* [Online]. 1 July 2016. Available from: <http://www.reuters.com/article/us-europe-migrants-casualties-idUSKCN0ZH4N2> Nearly 2,900 migrants have died trying to reach Europe by crossing the Mediterranean Sea, making the first six months of 2016 the deadliest on record, according to figures published Friday by an international migration group.

Mediterranean Update 30 June 2016: Infographic. *International Organization for Migration (IOM)* [Online]. 30 June 2016. Available from: <http://missingmigrants.iom.int/mediterranean-update-30-june-2016>

Mediterranean Sea: Recorded deaths in the Mediterranean by month, 2014 - 2016.

International Organization for Migration (IOM) [Online]. 30 June 2016. Available from:

<http://missingmigrants.iom.int/mediterranean>

Italy starts recovering bodies from migrant disaster boat. *The Local (Italy)* [Online].

5 July 2016. Available from: <http://www.thelocal.it/20160705/italy-starts-recovering-bodies-from-migrant-disaster-boat>

The boat, which was at depth of 370 metres (more than 1,200 feet), was salvaged recently.

Mediterranean Migrant Arrivals in 2016: 227,316; Deaths: 2,920.

International Organization for Migration (IOM) [Online]. 5 July 2016. Available from:

<http://www.iom.int/news/mediterranean-migrant-arrivals-2016-227316-deaths-2920>

IOM reports an estimated 227,316 migrants and refugees entered Europe by sea in 2016 through 3 July, arriving in Italy, Greece, Cyprus and Spain.

Italy rescues 4,500 migrants in Mediterranean in one day, coast guard says.

By Isla Binnie. *Reuters* [Online]. 5 July 2016. Available from: <http://uk.reuters.com/article/uk-europe-migrants-rescue-idUKKCN0ZL2BG>

Some 4,500 migrants were rescued from rubber dinghies and a wooden boat in the Mediterranean on Tuesday, Italy's coast guard said, as the sea calmed after a rough weekend.

Italy recovers 217 bodies from hull of 2015 migrant shipwreck. **By Isla Binnie.** *Reuters*

[Online]. 7 July 2016. Available from: <http://www.reuters.com/article/us-europe-migrants-italy-shipwreck-idUSKCN0ZN0ZV>

Italian emergency workers have recovered 217 bodies from the wreck of a boat that sank in the Mediterranean in April 2015, killing some 500 migrants, the Navy said on Thursday.

Sweden's asylum seeker cruise ship saga continues. *The Local (Sweden)* [Online].

11 July 2016. Available from: <http://www.thelocal.se/20160711/swedens-asylum-seeker-cruise-ship-saga-continues>

The company behind an aborted plan to host asylum seekers on a luxury cruise ship has filed scathing complaints to both Sweden's police and Parliamentary Ombudsman over how its project was handled by a local authority.

Africa's Europe-bound migrants recount horrors, torture transiting Libya, sea perils.

Japan Times [Online]. 11 July 2016. Available from: <http://goo.gl/5E3Hj4> The young Liberian man went through hell, but when he reached Libya he hoped that there he'd be able to make a living and get an education.

352 people saved in one rescue, four bodies recovered from rickety boat. **By Miriam Dalli.**

Malta Today [Online]. 12 July 2016. Available from:

http://www.maltatoday.com.mt/news/national/67444/watch_on_the_worlds_deadliest_sea_around_moass_search_and_rescue_vessels

352 people were saved during the early hours of Tuesday morning by the Migrant Offshore Aid Station crew onboard the *Topaz Responder*.

Migrants suffocate below deck in crowded boat - four dead. *Times of Malta* [Online].

12 July 2016. Available from:

<http://www.timesofmalta.com/articles/view/20160712/world/migrants-suffocate-below-deck-in-crowded-boat-four-dead.618601>

A humanitarian group said it recovered the bodies of four migrants and rescued around 400 survivors from an overcrowded wooden boat in the Mediterranean between Italy and Libya.

The HRAS Interview: Giorgia Linardi – Mediterranean Migrants. *Human Rights at Sea (HRAS)* [Online]. 11 July 2016. Available from: <https://thehrasinterview.wordpress.com/2016/07/11/the-hras-interview-giorgia-linardi-mediterranean-migrants/> HRAS spoke to Giorgia, a volunteer legal advisor with the rescue NGO, Sea-Watch, about the plight of the people on those boats and the razor-sharp dilemma of would-be rescuers.

Four migrants found dead, 945 rescued from boats in Mediterranean. By Isla Binnie. *Reuters* [Online]. 12 July 2016. Available from: <http://uk.reuters.com/article/uk-europe-migrants-italy-idUKKCN0ZS11M> Nearly 1,000 migrants were saved in six separate rescue operations in the Mediterranean on Tuesday, while four were found dead below the deck of their boat, Italy's coast guard said.

Migrant flows to EU eased after Turkey deal, 'front line' moved to Italy. By Matthias Blamont and Chine Labbé. *Reuters* [Online]. 13 July 2016. Available from: <http://uk.reuters.com/article/uk-europe-migrants-frontex-idUKKCN0ZS108> 🗞️ The flow of refugees and migrants to Europe has slowed since April when the European Union sealed a deal with Turkey to halt illegal traffic across the Aegean Sea, the region's border agency chief said on Tuesday.

Mediterranean Migrant Arrivals in 2016: 238,220; Deaths: 2,942. *International Organization for Migration (IOM)* [Online]. 12 July 2016. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-2016-238220-deaths-2942> IOM reports an estimated 238,220 migrants and refugees entered Europe by sea in 2016 through 10 July, arriving mostly in Italy and Greece.

Mediterranean Migrant Arrivals in 2016: 239,923 Deaths: 2,933. *International Organization for Migration (IOM)* [Online]. 15 July 2016. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-2016-239923-deaths-2933> IOM reports an estimated 239,923 migrants and refugees entered Europe by sea in 2016 through 13 July, arriving mostly in Italy and Greece.

Italian Navy Says 2015 Migrant Shipwreck Left About 675 Dead. By Manuela Mesco. *Wall Street Journal* [Online]. 14 July 2016. Available from: <http://www.wsj.com/articles/italian-navy-says-2015-migrant-shipwreck-left-about-675-dead-1468523483> The boat, crammed with migrants and refugees trying to reach Europe from northern Africa, capsized just off the Libyan coast on April 18, 2015.

Rescuers save 366 migrants from boats in Mediterranean, 20 reported dead. By Gavin Jones. *Reuters* [Online]. 16 July 2016. Available from: <http://uk.reuters.com/article/uk-europe-migrants-italy-idUKKCN0ZW0SX> Rescuers saved 366 migrants from rickety boats trying to cross the Mediterranean to Italy but at least 20 people were reported to have drowned, Italian police said on Saturday.

Special Report: The perilous journey for survival. By Miriam Dalli. *Malta Today* [Online]. 18 July 2016. Available from: http://www.maltatoday.com.mt/news/national/67652/special_report_the_perilous_journey_for_survival 🗞️ It's been 14 months since Malta stopped taking in migrants but the dangerous crossings still happen every day.

Italy sees high level of migratory pressure in June. *Frontex* [Online]. 19 July 2016. Available from: <http://frontex.europa.eu/news/italy-sees-high-level-of-migratory-pressure-in-june-YBsNJn> Migratory pressure in the Central Mediterranean region remained high in June, with the number of migrants arriving in Italy last month increasing by 24% from the previous month to some 22 500.

Mediterranean Migrant Arrivals in 2016: 240,884; Deaths: 2,954. *International Organization for Migration (IOM)* [Online]. 19 July 2016. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-2016-240884-deaths-2954> IOM reports an estimated 240,884 migrants and refugees entered Europe by sea in 2016 through 17 July, arriving mostly in Italy and Greece.

Aboard a Mediterranean rescue ship, migrants share horror stories from Libya. *PBS Newshour* [Online]. 19 July 2016. Available from: <http://www.pbs.org/newshour/bb/aboard-mediterranean-rescue-ship-migrants-share-horror-stories-libya/> 🗣️ The International Organization for Migration reported today that almost 3,000 migrants and refugees have drowned attempting to cross the Mediterranean Sea this year.

Italy says 3,200 boat migrants rescued Tuesday, one body recovered. By Steve Scherer and Isla Binnie. *Reuters* [Online]. 19 July 2016. Available from: <http://uk.reuters.com/article/uk-europe-migrants-italy-idUKKCN0ZZ1ZP> Some 3,200 migrants were plucked from overcrowded boats off the coast of Libya on Tuesday and one dead body was recovered, Italy's coast guard said, as people smugglers operating in Libya took advantage of calm seas and warm weather.

LÉ James Joyce rescues 128 migrants near Tripoli. By Olivia Kelleher. *Irish Times* [Online]. 19 July 2016. Available from: <http://www.irishtimes.com/news/world/europe/l%C3%A9-james-joyce-rescues-128-migrants-near-tripoli-1.2727339> The rescue commenced at 6.30am on Tuesday and all migrants were on board the Naval Service vessel by 9.20am, where they were given food, water and medical treatment.

Death in the Mediterranean. *Deutsche Welle (DW) (Germany)* [Online]. 18 July 2016. Available from: <http://www.dw.com/en/death-in-the-mediterranean/av-19407942> 🗣️ Search-and-rescue initiative Sea Watch tries to save refugees from rickety boats in the Mediterranean.

Over 20.000 souls saved by EUNAVFOR MED's assets since mission launch. *European External Action Service (EEAS)* [Online]. 20 July 2016. Available from: http://eeas.europa.eu/csdp/missions-and-operations/eunavfor-med/news/20160720_01_en.htm 🗣️ Yesterday, in a joint effort of EUNAVFOR MED operation Sophia's assets, the Spanish Frigate *ESPS Reina Sofia* and the British Survey Vessel *HMS Enterprise* saved 719 lives at sea.

Refugees: 'Unprecedented' rescue effort off Libya coast. By Natasha Ghoneim. *Aljazeera* [Online]. 20 July 2016. Available from: <http://www.aljazeera.com/blogs/europe/2016/07/msf-rescues-hundreds-refugees-day-160720043101153.html> As I groped in the dark to dress this morning (a necessity, when sharing a ship cabin the size of a walk-in closet, with three others), there was a knock on the door.

Mediterranean Migrant Arrivals in 2016: 242,179; Deaths: 2,977. *International Organization for Migration (IOM)* [Online]. 22 July 2016. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-2016-242179-deaths-2977> IOM reports an estimated 242,179 migrants and refugees entered Europe by sea in 2016 through 20 July, arriving mostly in Italy and Greece.

LÉ James Joyce crew find 16 dead migrants on Med barge. By Sean O'Riordan. *Irish Examiner* [Online]. 22 July 2016. Available from: <http://www.irishtimes.com/ireland/le-james-joyce-crew-find-16-dead-migrants-on-med-barge-411761.html> Yesterday's grim discovery was made less than 24 hours after the Naval Service celebrated rescuing the 10,000th migrant since it started its humanitarian operations in the Mediterranean Sea last year.

Rescuers recover 17 bodies, pick up 1,128 boat migrants. By Steve Scherer. *Reuters* [Online]. 21 July 2016. Available from: <http://uk.reuters.com/article/uk-europe-migrants-italy-idUKKCN1012MP> An Irish navy ship recovered 17 dead bodies on Thursday when it went to the aid of migrants packed onto a wooden boat off the coast of Libya, Italy's coastguard said, marking another deadly day of attempted sea crossings.

We know how to fight this fight says UNODC head at Vienna human trafficking event. *United Nations Office on Drugs and Crime (UNODC)* [Online]. 25 July 2016. Available from: <http://www.unodc.org/unodc/en/frontpage/2016/July/we-know-how-to-fight-this-fight-says-unodc-head-at-vienna-human-trafficking-event.html> Speaking at a special event marking World Day Against Trafficking in Persons, UNODC Executive Director Yury Fedotov said today that human traffickers and migrant smugglers were profiting from misery.

Trapped In Transit: Refugees, migrants and asylum seekers locked up in Libya. *Médecins Sans Frontières (MSF)* [Online]. 22 July 2016. Available from: <https://msf.exposure.co/trapped-in-transit> Since Médecins Sans Frontières/Doctors Without Borders (MSF) launched search and rescue operations in the central Mediterranean Sea last year, its teams have rescued more than 25,000 people from boats in distress.

Coast guard rescues 61 migrants off Kos. *Ekathimerini (Greece)* [Online]. 26 July 2016. Available from: <http://www.ekathimerini.com/210744/article/ekathimerini/news/coast-guard-rescues-61-migrants-off-kos> Coast guard officers rescued 61 migrants off the island of Kos on Tuesday and arrested two suspected traffickers while another 40 migrants arrived on Lesbos.

Slovenia Says 12 migrants found on cargo ship from Turkey. *ABC News (US)* [Online]. 26 July 2016. Available from: <http://abcnews.go.com/International/wireStory/slovenia-12-migrants-found-cargo-ship-turkey-40882768> Police said Tuesday the group tried to enter the country illegally on Monday aboard the ship arriving in the Adriatic port of Koper.

Migrant, refugee deaths at sea pass 3,000 as arrivals near 250,000. *International Organization for Migration (IOM)* [Online]. 26 July 2016. Available from: <http://www.iom.int/news/migrant-refugee-deaths-sea-pass-3000-arrivals-near-250000> IOM reports an estimated 249,854 migrants and refugees entered Europe by sea in 2016 through 24 July, arriving mostly in Italy and Greece.

More than 2,700 human trafficking victims rescued in INTERPOL-coordinated operation. *INTERPOL* [Online]. 28 July 2016. Available from: <http://www.interpol.int/en/News-and-media/News/2016/N2016-098> An operation targeting human trafficking in South and Central America has resulted in the rescue of more than 2,700 victims, 134 arrests and the dismantling of at least seven organized crime networks.

Commission awards €11 million in emergency funding to Greece and Italy. *European Commission* [Online]. 29 July 2016. Available from: http://europa.eu/rapid/press-release_MEX-16-2686_en.htm The European Commission has today awarded an extra €11 million in emergency funding to Greece and Italy under the Internal Security Fund (ISF) to strengthen the reception and registration capacity in Greece and support search and rescue activities by Italy at sea.

Migrants tell of horrors of voyage in Italy media campaign. By Steve Scherer. *Reuters* [Online]. 28 July 2016. Available from: <http://af.reuters.com/article/topNews/idAFKCN1081NE> Italy launched an internet, TV and radio campaign on Thursday to discourage Africans from setting out on the often deadly voyage to Europe, including real migrants telling their often harrowing stories.

Italian campaign warns would-be migrants against travelling to Europe. *Euronews* [Online]. 28 July 2016. Available from: <http://www.euronews.com/2016/07/28/italian-campaign-warns-would-be-migrants-against-travelling-to-europe> 📺 The drive consists of radio and TV messages, a short film, a website in English, French and Arabic, and a song "Aware brother, aware sister" sung by Malian singer Rokia Traoré.

Aware Migrants. *Aware Migrants* [Online]. July 2016. Available from: <http://www.awaremigrants.org/splash-page/> 📺.

NAVIGATION AND COMMUNICATIONS

INTERTANKO issues 'Golden Rules' for social media. *Safety 4 Sea* [Online]. 7 July 2016. Available from: <http://www.safety4sea.com/intertanko-issues-golden-rules-for-social-media/> Social media is a very important tool for communicating with the world off the ship as well as keeping direct contact with family and friends.

Freedom of navigation patrols may end 'in disaster': Chinese admiral. By Ben Blanchard. *Reuters* [Online]. 18 July 2016. Available from: <http://www.reuters.com/article/us-southchinasea-ruling-idUSKCN0ZY0FJ> 📺 Freedom of navigation patrols carried out by foreign navies in the South China Sea could end "in disaster", a senior Chinese admiral has said, a warning to the United States after last week's ruling against Beijing's claims in the area.

Billions spent on high power satellites. By Martyn Wingrove. *Marine Electronics and Communications* [Online]. 20 July 2016. Available from: http://www.marinemec.com/news/view/billions-spent-on-high-power-satellites_43837.htm Satellite operators are spending multi-billions of dollars on high throughput space assets to deliver faster broadband for shipping.

GPS jamming: keeping ships on the 'strait' and narrow. *University of Nottingham* [Online]. 21 July 2016. Available from: <http://www.nottingham.ac.uk/news/pressreleases/2016/july/gps-jamming-keeping-ships-on-the-strait-and-narrow.aspx> The University of Nottingham and Royal Norwegian Naval Academy (RNoNA) are investigating how to prevent shipping Global Positioning Signals (GPS) being jammed in potential cyber attacks that may cause vessels to go off course and collide or run aground.

MOL makes fleet-wide migration to Fleet Xpress. *Inmarsat* [Online]. 26 July 2016. Available from: <http://www.inmarsat.com/news/mol-makes-fleet-wide-migration-fleet-xpress/> Inmarsat partner JSAT MOBILE Communications has signed an agreement with Mitsui O.S.K. Lines (MOL), one of the world's largest shipping companies, to introduce the newly-launched Fleet Xpress service across the majority of its car carrier fleet.

PIRACY

Armed Pirates Board Tanker in Indonesian Waters. *World Maritime News* [Online]. 30 June 2016. Available from: <http://worldmaritimeneews.com/archives/196126/armed-pirates-board-tanker-in-indonesian-waters/> Ten armed pirates boarded a tanker while it was underway some 26 nautical miles off the Indonesian Mangkai Island on June 28, according to data released by International Maritime Bureau's Piracy Reporting Centre (IMB PRC).

Risk Focus: Kidnap and Ransom. *UK P&I Club* [Online]. 30 June 2016. Available from: <http://www.ukpandi.com/knowledge/article/risk-focus-kidnap-and-ransom-135478/> Piracy and armed robbery in the waters off West Africa has become a very serious concern for the maritime Industry. [Anatomy of West African maritime kidnap - A seafarers' guide](#) 

Maritime Piracy: More "sophisticated and prevalent" around Gulf of Guinea. By Greg Trauthwein. *Maritime Professional* [Online]. 1 July 2016. Available from: <http://www.maritimeprofessional.com/news/maritime-piracy-more-sophisticated-prevalent-292016> While the matter of maritime piracy has seemingly subdued from its high profile peaks of a few years ago, Stuart Edmonston, Head of Loss Prevention at UK P&I Club, together with Hellenic War Risks and Terra Firma Risk Management, highlight the growth of piracy in the Gulf of Guinea and considers the reasons behind the rise in kidnaps for ransom.

Nations Offer Aid in Fight Against Abu Sayyaf Piracy. *Maritime Executive* [Online]. 5 July 2016. Available from: <http://www.maritime-executive.com/article/nations-offer-aid-in-fight-against-abu-sayyaf-piracy> Two nations recently offered help to the Philippines in combating the recent outbreak of maritime kidnappings perpetrated by the terrorist organization Abu Sayyaf.

Pirate attack on a suezmax indicates possible 'change of tactics' in the Gulf of Guinea. By Sam Chambers. *Splash 24/7* [Online]. 8 July 2016. Available from: <http://splash247.com/pirate-attack-on-a-suezmax-indicates-possible-change-of-tactics-in-the-gulf-of-guinea/> The suezmax tanker *Bouboulina* was hit by pirates yesterday morning in the Gulf of Guinea to the southwest of the Abgami Offshore Terminal.

Anti-piracy jailed Britons' families petition government. *BBC News* [Online]. 7 July 2016. Available from: <http://www.bbc.co.uk/news/uk-england-36733178> The families of six British men jailed in India have handed in a petition to the British government asking for more action to secure the men's release.

Sea piracy drops to 21-year low, IMB reports. *International Chamber of Commerce (ICC)* [Online]. 25 July 2016. Available from: <http://www.iccwbo.org/News/Articles/2016/Sea-piracy-drops-to-21-year-low,-IMB-reports/>  Piracy and armed robbery at sea has fallen to its lowest levels since 1995, despite a surge in kidnappings off West Africa, according to a new report from the International Chamber of Commerce's International Maritime Bureau (IMB).

Indonesia needs stronger laws to fight piracy, hijacking. *Jakarta Post* [Online]. 29 July 2016. Available from: <http://www.thejakartapost.com/news/2016/07/29/indonesia-needs-stronger-laws-fight-piracy-hijacking.html> Indonesia needs to produce laws to strengthen maritime security and to allow regional cooperation following numerous cases of piracy and hijacking in and around Southeast Asian waters.

PORT STATE CONTROL

Best Practice Guide on MLC CIC. *Safety 4 Sea* [Online]. 29 June 2016. Available from: <http://www.safety4sea.com/best-practice-guide-on-mlc-cic/> As ships from non-ratifying States should not receive any more favorable treatment than ships from States that have ratified the convention, this CIC will be undertaken once on every individual ship eligible for inspection during the period of the campaign.

2015 Annual Report Paris MoU on PSC. *Paris MoU on Port State Control* [Online]. 1 July 2016. Available from: <https://www.parismou.org/2015-annual-report-paris-mou-psc> 2015 shows a large decrease in the refusal of access ("bans") within the region: 11 bans compared to 20 in 2014. [Annual Report](#) [Infographic](#) 

ClassNK releases Annual Report on Port State Control. *ClassNK* [Online]. 8 July 2016. Available from: http://www.classnk.or.jp/hp/en/hp_news.aspx?id=2031&type=press_release&layout=1 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 2015. [Annual Report](#) 

Port State Measures Agreement to combat illegal, unreported and unregulated fishing. *Food and Agriculture Organization (FAO)* [Online]. 11 July 2016. Available from: <https://www.youtube.com/watch?v=ekln4lgKfcM&feature=youtu.be>  The Food and Agriculture Organization of the United Nations (FAO) celebrates the entry into force of the Port State Measures Agreement to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing (PSMA).

Australia's Detention Rate Down. *Maritime Executive* [Online]. 26 July 2016. Available from: <http://www.maritime-executive.com/article/australias-detention-rate-down> AMSA has released its annual report on port state control for 2015 saying that of the 242 foreign-flag vessels detained in 2015, Indonesia (with three) had the highest flag state detention rate of 23.7 percent.

Port State Control 2015 Report. *Australian Maritime Safety Authority (AMSA)* [Online]. July 2016. Available from: <https://www.amsa.gov.au/forms-and-publications/International/publications/Ship-Safety/PSC-Annual-Reports/AMSA13-PSC2015.pdf>  As one of the largest mixed market economies, and being the largest continental landmass in the world surrounded by water, Australia's national livelihood remains critically focused on ensuring that maritime trade to and from Australia remains safe, efficient and complies with all relevant international conventions.

MAIB Annual Report 2015. *UK Marine Accident Investigation Branch (MAIB)* [Online]. 28 July 2016. Available from: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/541432/MAIB_AnnualReport2015.pdf  It is encouraging to note that only 1057 accidents were reported to the MAIB in 2015 compared to 1270 in 2014.

PORTS AND HARBOURS

US government funds program that prepares ports for terror attacks. By Donal Scully. *Splash 24/7* [Online]. 1 July 2016. Available from: <http://splash247.com/us-government-funds-program-that-prepares-ports-for-terror-attacks/> The US Department of Homeland Security (DHS) will allocate \$100m to help bolster the nation's ports against terror attacks.

Royal Caribbean signs agreement with Miami-Dade County to build world-class cruise terminal. *Royal Caribbean Press Centre* [Online]. 28 June 2016. Available from: <http://www.royalcaribbeanpresscenter.com/newcruiseterminal/>  The new terminal will be a striking addition to Port Miami and will serve as homeport to Royal Caribbean International ships, including a 5,400-passenger Oasis-class ship, the world's largest and most innovative cruise ships.

The Panama Canal's unexpected winners. By Arturo Wallace. *BBC News* [Online]. 4 July 2016. Available from: <http://www.bbc.co.uk/news/world-latin-america-36676196>  One of the most impressive engineering feats of the 20th Century, the newly-expanded Panama Canal is now open for business.

U.S. Ports Want More Action on Dirty Bomb Prevention. *Maritime Executive* [Online]. 6 July 2016. Available from: <http://maritime-executive.com/article/us-ports-want-more-action-on-dirty-bomb-prevention> The threat of terrorist smuggling at U.S. ports appears to be increasing, says the American Association of Port Authorities (AAPA), who wants mechanisms to prevent cyber terrorism and illegal nuclear materials from being trafficked through ports intensified.

SLPA Terminals fully complied with VGM. *Sri Lanka Ports Authority* [Online]. 13 July 2016. Available from: http://www.slpa.lk/news_events_16060.asp The Merchant Shipping Secretariat (MSS) under the Ministry of Ports & Shipping has notified customers that the International Maritime Organization (IMO) has amended the Safety of Life at Sea Convention (SOLAS), requiring Shippers to verify and provide the container's gross verified weight to the ocean carrier prior to it being loaded onto a ship.

Panama Canal expansion unleashes port battles. *Bulletin Panama* [Online]. 12 July 2016. Available from: <http://thebulletinpanama.com/2016/07/panama-canal-expansion-unleashes-port-battles/> Ports from the US to Cuba are investing huge sums of money to compete for the mega-ships that began to cross the expanded Panama Canal on June 26.

Ukraine to Woo Shippers From Asia to Baltics by Fixing Ports. By Kateryna Choursina. *Bloomberg* [Online]. 12 July 2016. Available from: <http://www.bloomberg.com/news/articles/2016-07-12/ukraine-to-lure-shippers-from-asia-to-baltics-improving-ports> Ukraine, whose trade links with Russia have been severed by a two-year insurgency in its eastern regions, will strive to offset that loss by becoming a transit hub for shipments from the Persian Gulf, Asia, China to the Scandinavian countries and the Baltics.

Marseille mega-ship initiatives enter final phases. *Port of Marseille Fos* [Online]. 19 July 2016. Available from: http://www.marseille-port.fr/en/Content/Documents/Presse/2016/News_Port%20of%20Marseille%20Fos_july%202016.pdf  The two main construction projects in the Marseille harbour area of leading French port Marseille Fos are nearing completion following a decisive stage in works costing almost €64 million that will cater for mega-ships by enlarging the Passe Nord port entrance and recommissioning the giant No.10 drydock.

Safeguarding Africa's seaports to safeguard its economies. By Barthélémy Blédé.

Institute for Security Studies (ISS) [Online]. 26 July 2016. Available from:

<https://www.issafrica.org/iss-today/safeguarding-africas-seaports-to-safeguard-its-economies>

Seaports play a crucial role in all economies reliant on export and import, especially in African states where maritime transport is the primary form of access to the international market.

Suez Canal offers second toll sweetener to VLCC operators. By Kent Gray.

Seatrade Maritime News [Online]. 26 July 2016. Available from: [http://www.seatrade-](http://www.seatrade-maritime.com/news/americas/suez-canal-offers-second-toll-sweetener-to-vlcc-operators.html)

[maritime.com/news/americas/suez-canal-offers-second-toll-sweetener-to-vlcc-operators.html](http://www.seatrade-maritime.com/news/americas/suez-canal-offers-second-toll-sweetener-to-vlcc-operators.html)

The Suez Canal Authority (SCA) has offered another sweetener to cost-conscious VLCC operators tempted to sail around Cape Horn en-route to the Arabian Gulf to avoid its tolls.

Interview: LNG could solve emissions issue in EU ports. *World Maritime News* [Online].

28 July 2016. Available from: <http://worldmaritimenews.com/archives/198165/>

A new regulation requiring the gross mass of a container to be verified before it is loaded onto a ship, which entered into force on July 1, will assist in ensuring that the millions of containers carried on ships each year are optimally stowed, thereby helping to prevent container stacks collapsing and containers being lost overboard, and the associated injury and loss of life.

MinComm to set up Port and Maritime Authority. *Brunei Times* [Online]. 28 July 2016.

Available from: [http://www.bt.com.bn/news-national/2016/07/28/mincomm-set-port-and-](http://www.bt.com.bn/news-national/2016/07/28/mincomm-set-port-and-maritime-authority)

[maritime-authority](http://www.bt.com.bn/news-national/2016/07/28/mincomm-set-port-and-maritime-authority) The Ministry of Communications (MinComm) will soon establish a Maritime and Port Authority to oversee the regulation of ports and vessels in Brunei Darussalam.

With eye on China, govt to fund Adani Group to double down on container hub ports.

Indian Express [Online]. 28 July 2016. Available from:

<http://indianexpress.com/article/business/economy/with-eye-on-china-govt-to-fund-adani-group-to-double-down-on-container-hub-ports-2940962/>

New Delhi will grant Gautam Adani 16 billion rupees so-called "viability gap" funding to help the new port at Vizhinjam, on India's southern tip, win business from established hubs elsewhere in Asia.

RECYCLING OF SHIPS

Leyal first Turkish recycling facility certified to Hong Kong Convention. By Nigel Lowry.

Lloyd's List [Online]. 29 June 2016. Available from:

<https://www.lloydslist.com/ll/sector/regulation/article529302.ece>

Leyal Ship Recycling Group has claimed to be the first shipbreaker in Turkey to be certified as complying with the IMO Hong Kong Convention on ship recycling.

Science for Environment Policy Thematic Issue: Ship recycling reducing human and environmental impacts. *European Commission* [Online]. June 2016. Available from:

[http://ec.europa.eu/environment/integration/research/newsalert/pdf/ship_recycling_reducing_hu](http://ec.europa.eu/environment/integration/research/newsalert/pdf/ship_recycling_reducing_human_and_environmental_impacts_55si_en.pdf)
[man_and_environmental_impacts_55si_en.pdf](http://ec.europa.eu/environment/integration/research/newsalert/pdf/ship_recycling_reducing_hu) 

European Commission report recommends the introduction of a Ship Recycling License.

Transport & Environment [Online]. 6 July 2016. Available from:

<https://www.transportenvironment.org/press/european-commission-report-recommends-introduction-ship-recycling-license>

Ships regardless of their flag should not be allowed to call at any EU port without a ship recycling license to incentivise sustainable ship recycling, a European Commission report recommends.

Financial instruments to facilitate safe and sound ship recycling: Final Report.

European Commission [Online]. June 2016. Available from: <http://goo.gl/liaoCx> 
[European Commission report recommends the introduction of a Ship Recycling License](#)

Shipowners Reject Proposals for Ships to Pay for EU Ship Recycling Licences.

International Chamber of Shipping (ICS) and European Community Shipowners' Associations (ECSA) [Online]. 8 July 2016. Available from: <http://www.ics-shipping.org/news/press-releases/2016/07/08/shipowners-reject-proposals-for-ships-to-pay-for-eu-ship-recycling-licences>
Proposals to compel ships, regardless of flag, to pay for European Union ship recycling licences when calling at EU ports, will undermine efforts by the International Maritime Organization (IMO) to improve working and environmental conditions in developing nations, where most ship recycling yards are located.

Asian Shipowners' Association rejects EU proposal on paying ship recycling licenses.

By Lee Hong Liang. *Seatrade Maritime News* [Online]. 14 July 2016. Available from: <http://www.seatrade-maritime.com/news/asia/asian-shipowners-association-rejects-eu-proposal-on-paying-ship-recycling-licenses.html> The proposal by the European Commission (EC) to compel ships, regardless of flag, to pay for European Union (EU) ship recycling licenses when calling at EU ports would "embarrass shipowners worldwide", Asian Shipowners' Association (ASA) has criticised.

Application to EU could settle debate on beaching method of ship breaking. By P. Manoj.

Livemint (India) [Online]. 16 July 2016. Available from: <http://www.livemint.com/Opinion/x4UyypBEYDLZJQd0F8mFM/Application-to-EU-could-settle-debate-on-beaching-method-of.html> The debate on the beaching method of ship breaking could be settled by an application sent to the European Commission (EC) by a handful of Indian ship-recycling yards.

Who Needs the Hong Kong Convention? By Wendy Laursen. Maritime Executive [Online].

21 July 2016. Available from: <http://www.maritime-executive.com/features/who-needs-the-hong-kong-convention> The European Community Shipowners' Associations (ECSA) reported back from their visit to Alang, India, earlier this year citing an unquestionable willingness for yards to be transparent about the state of play as they move towards healthy, safe and environmentally sound ship recycling.

ECSA's Alang Report Turns a Blind Eye on problems of Beaching Method.

NGO Shipbreaking Platform [Online]. 20 July 2016. Available from: <http://www.shipbreakingplatform.org/platform-news-ecsas-alang-report-turns-a-blind-eye-on-problems-of-beaching-method/> The European Community Shipowners' Association's (ECSA) has published a report on their visit to the Alang shipbreaking yards in India last April.

IRClass leads in EU Compliance Certification of Ship Recycling Yards in India. *IRClass* [Online]. 21 July 2016. Available from: http://www.irclass.org/news/press_release/irclass-leads-eu-compliance-certification-ship-recycling-yards-india IRClass is amongst the first organizations in the world to certify ship recycling yards according to EU standards as an 'Independent Verifier'.

APSEZ gets green nod to set up ship recycling facility at Mundra. Livemint (India) [Online].

28 July 2016. Available from: <http://www.livemint.com/Companies/WAO1fKb8ezGnG95fapfGeL/APSEZ-gets-green-nod-to-set-up-ship-recycling-facility-at-Mu.html> APSEZ is looking to tap potential arising from global regulations on environmentally safe and sound ship recycling.

REGULATIONS

SOLAS VGM: Shipping's Y2K moment? By Sam Chambers. *Splash 24/7* [Online].

1 July 2016. Available from: <http://splash247.com/solas-vgm-shippings-y2k-moment/>

Today marks either container shipping's Y2K moment, or a potential supply chain calamity – only time will tell.

SAGT to implement the SOLAS proposal at the Port of Colombo. *Hellenic Shipping News* [Online]. 30 June 2016. Available from: <http://www.hellenicshippingnews.com/sagt-to-implement-the-solas-proposal-at-the-port-of-colombo/>

South Asia Gateway Terminals (SAGT), the first private container terminal in the Port of Colombo hosted members of the Ceylon Association of Shipping Agents (CASA) and members of the Sri Lanka Association of Vessel Operators (SLAVO) recently to an interactive information session on the implementation of the International Maritime Organization's SOLAS Verified Gross Mass (VGM) regulation at its terminal.

PH port authorities issue guidelines on verified gross mass. *Philippine Information Agency* [Online]. 4 July 2016. Available from: <http://news.pia.gov.ph/article/view/2611467604235/ph-port-authorities-issue-guidelines-on-verified-gross-mass>

Philippine port authorities have published rules that will implement the International Convention for the Safety of Life at Sea (SOLAS) mandatory requirement for submission of the verified gross mass (VGM).

Tilbury data shows many shippers unprepared for VGM. *Lloyd's List* [Online]. 5 July 2016. Available from:

<https://www.lloydslist.com/ll/sector/containers/article529684.ece> Almost half of all containers that arrived at Tilbury's London Container Terminal for export last Friday did not provide mandatory weight information.

SOLAS July 1 VGM reporting deadline passes without port disruptions in U.S. so far ...

Midwest Shippers Association [Online]. 5 July 2016. Available from:

http://www.midwestshippers.com/news_detail.php?article=2592 Last Friday's July 1 deadline for implementation of the mandatory reporting of verified gross mass "VGM" container weights under the international Safety of Lives at Seas (SOLAS) regulation appears to have passed without the feared disruption at ports in the U.S.

Smooth Transition to New Weight Rules at APM Terminals Facilities as VGM Certification Takes Effect. *APM Terminals* [Online]. 4 July 2016. Available from:

<http://www.apmterminals.com/en/news/press-releases/2014/12/smooth-transition-to-new-weight-rules> With three days of terminal operations completed under the new Safety of Life at Sea Convention (SOLAS) Verified Gross Mass (VGM) Regulations, export cargo loading has proceeded without incident at the facilities within the APM Terminals Global Terminal Network.

The Catch-22 with Global Ballast Water Regulations and Trojan Technologies' Efforts to Settle Them. *Water Canada Magazine* [Online]. 29 June 2016.

Available from: <http://watercanada.net/2016/the-catch-22-with-global-ballast-water-regulations-and-trojan-technologies-efforts-to-settle-them/> Over 80 per cent of the world's trade is carried by shipping, but with it, comes the risk of invasive species.

MRV regulations in the EU – another challenge for ship operators. By Paul Bartlett.

Seatrade Maritime News [Online]. 8 July 2016. Available from: <http://www.seatrade-maritime.com/news/europe/mrv-regulations-in-the-eu-%E2%80%93-another-challenge-for-ship-operators.html> Ship operators trading to, from, or between EU ports face yet another regulatory hurdle on requirements to have ship-specific monitoring, reporting and verification (MRV) plans approved by independent accredited verifiers and in place by August 2017 ready for implementation from January 2018.

IBIA investigates: Brexit and sulphur regulations – what now? By Unni Einemo.

International Bunker Industry Association (IBIA) [Online]. 7 July 2016. Available from: <http://ibia.net/ibia-investigates-brexit-and-sulphur-regulations-what-now/> The prospect of the United Kingdom leaving the European Union – nicknamed 'Brexit' – has raised a number of questions regarding the status, now and in the future, of sulphur regulations in the UK. In response to some of the questions raised, IBIA has investigated the short term reality and future scenarios.

AMP implements rules on weighing loaded containers. *Bulletin Panama* [Online].

11 July 2016. Available from: <http://thebulletinpanama.com/2016/07/amp-implements-rules-on-weighing-loaded-containers/> An amendment to the Safety of Life at Sea Convention (SOLAS) relating to weighing export and re-export containers has caused much anxiety to those dedicated to that activity.

Verified Gross Mass: Is it another burden on over-regulated international trade by sea?

The Island (Sri Lanka) [Online]. 10 July 2016. Available from: http://www.island.lk/index.php?page_cat=article-details&page=article-details&code_title=148427 An interview with Dr. Dan Malika Gunasekera, Executive Director of Ceylon Shipping Corporation.

Commentary: VGM saga shows maritime industry lacks singular voice. By Eric Johnson.

American Shipper [Online]. 19 July 2016. Available from: <http://www.americanshipper.com/main/news/f711b0f4-41ac-4aac-bc22-8eabb47d97b5.aspx> I've had a number of e-mail and phone conversations with shippers, software vendors and logistics companies in recent days about their experience with implementation of the International Maritime Organization's (IMO) verified gross mass (VGM) rule.

Verified Gross Mass: A Forwarder's Perspective. By Ron Atapattu, founder and CEO of Overseas Cargo, Inc. (ShipOCI). *Maritime Executive* [Online]. 22 July 2016. Available from:

<http://www.maritime-executive.com/editorials/verified-gross-mass-a-forwarders-perspective> The Federal Maritime Commission (FMC), the government entity entrusted with regulating International shipping in and out of U.S. territories, recently formed a Supply Chain Innovations Teams that will develop commercial solutions to supply chain challenges and related port congestion concerns.

SALVAGE

'Benita' Salvage Update: Oil Removal Continues as Salvors Explore Options, Worker Injured. By Mike Schuler. *gCaptain* [Online]. 6 July 2016. Available from: <https://gcaptain.com/benita-salvage-update-oil-removal-continues-as-salvors-explore-options-worker-injured/> Work continues around the clock to remove a large bulk carrier from the shores of Mauritius after it ran aground last month following an incident involving a member of the ship's crew.

Salvors Getting Ready to Re-Float *MV Benita*. *World Maritime News* [Online]. 21 July 2016. Available from: <http://worldmaritimenews.com/archives/197619/salvors-getting-ready-to-re-float-mv-benita/> Five Oceans Salvage is carrying out preparatory works to shift away from the rocks and re-float the bulker *MV Benita* which ran heavily aground off Mahebourg, Mauritius, on June 17.

***MV Benita* being towed to Indian Coast.** *World Maritime News* [Online]. 26 July 2016. Available from: <http://worldmaritimenews.com/archives/198008/mv-benita-being-towed-to-indian-coast/> Following the refloating of the bulk carrier *MV Benita* on July 23, the Greek owner of the vessel Unit Maritime is making arrangements to tow the vessel to Alang, India.

ISU Annual Review 2015. *International Salvage Union (ISU)* [Online]. July 2016. Available from: <http://www.marine-salvage.com/pdfs/ISUAnnualReview2015.pdf>  The marine salvage industry today faces operational and commercial challenges but there are also opportunities for good operators and the ISU, the global trade association for salvors, represents a vibrant industry.

The salvage industry facing challenges from a position of strength. By Peter Barker. *Maritime Journal* [Online]. 28 July 2016. Available from: <http://www.maritimejournal.com/news101/tugs.-towing-and-salvage/the-salvage-industry-facing-challenges-from-a-position-of-strength2> The International Salvage Union's 2015 Annual Review reports an industry facing future challenges from a position of strength with background progress on issues affecting both the salvage and shipping industries.

Contract awarded for survey of the shipwrecked *MV Manolis L*. *Government of Canada* [Online]. 26 July 2016. Available from: <http://news.gc.ca/web/article-en.do?mthd=index&crtr.page=1&nid=1104409> Technical assessment a critical step in determining a permanent solution for the wreck.

SEAFARERS

Something has come up. *Lloyd's List* [Online]. 30 June 2016. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article529417.ece> Apostleship of the Sea has marked 2016 Day of the Seafarer with a reception onboard the *HQS Wellington* at London's Embankment.

Shortage of personnel to approve ballast water systems as convention looms. By Paul Bartlett. *Seatrade Maritime News* [Online]. 3 July 2016. Available from: <http://www.seatrade-maritime.com/news/americas/shortage-of-personnel-to-approved-ballast-water-systems-as-convention-looms.html> A shortage of suitably qualified class society personnel capable of approving ballast water treatment system drawings could become a potential "show stopper", according to system manufacturer Optimarin boss, Tore Andersen.

Roger Harris, Executive Director, International Seafarers' Welfare and Assistance Network (ISWAN). By Lena Göthberg. *Shipping Podcast* [Online]. 1 July 2016.

Available from: <http://shippingpodcast.com/roger-harris-executive-director-international-seafarers-welfare-assistance-network-iswan/>  He joined the International Committee on Seafarer's Welfare (ICSW), the predecessor to ISWAN, six years ago.

Seaman Guard Ohio crew held in India for 1,000 days. *Mission to Seafarers* [Online].

1 July 2016. Available from: <http://www.missiontoseafarers.org/index.php/media-centre/news/312/seaman-guard-ohio-crew-held-in-india-for-1-000-days> The Mission to Seafarers and families of the British guards of the anti-piracy vessel the *MV Seaman Guard Ohio*, who have been unlawfully detained and imprisoned in India, have called for a parliamentary lobby and supporter rally to hand in a petition at Downing Street on the 7 July.

ITF applauds Europe social partners' stand against seafarer criminalisation.

International Transport Workers' Federation [Online]. 29 June 2016. Available from: http://www.itfseafarers.org/maritime_news.cfm/newsdetail/11386 Representatives of European maritime workers and shipowners have made a solidarity visit to Apostolos Mangouras, captain of the sunk Prestige oil tanker, who aged 81 has been sentenced to two years in prison by the Spanish supreme court.

Vatican calls for respect and protection of rights of seafarers. *Vatican Radio* [Online].

4 July 2016. Available from: http://en.radiovaticana.va/news/2016/07/04/vatican_calls_for_respect_and_protection_of_rights_of_seafar/1241834 The Pontifical Council for the Pastoral Care of Migrants and Itinerant People has called for the respect and protection of the human and labor rights of seafarers.

Message for Sea Sunday, 10th July 2016. *Diocese of Shrewsbury* [Online]. July 2016.

Available from: <http://www.dioceseofshrewsbury.org/news/message-sea-sunday-10th-july-2016> Seated comfortably on the sofa in our living room, we find it difficult to understand how much our daily life is depending on the maritime industry and the sea.

Hull Seafarers Centre – haven for far-from-home seafarers, July 2016. *Shipping TV*

[Online]. 6 July 2016. Available from: <http://www.shippingtv.co.uk/?p=3470>  Made in conjunction with the Seafarers UK "Seafarers Awareness Week 2016", and ABP Humber, we learn about the work of Hull Seafarers Centre.

Sailors Released After Two Years Imprisonment in Nigeria. *gCaptain* [Online]. 7 July 2016.

Available from: <http://gcaptain.com/sailors-released-after-two-years-imprisonment-in-nigeria/> The 11-strong crew of the *MT Maro* have finally been released after being held for two years in Nigeria.

ITF supports unpaid crew on unsafe ship. *ITF Seafarers* [Online]. 4 July 2016.

Available from: http://www.itfseafarers.org/maritime_news.cfm/newsdetail/11398 The ITF has come to the aid of the crew of a Turkish-owned, Panama-flagged ship inspected in Chennai, India who were found not to have been paid for several months, while their vessel was unsafe.

Tacoma Seafarers' Center isn't home, but for many, it helps. By Hannah Shirley.

News Tribune (USA) [Online]. 10 July 2016. Available from: <http://www.thenewstribune.com/news/local/article88557257.html>  Volunteers from the Tacoma Seafarer's Center provide free transportation and accommodation to visiting sailors from around the world who deliver goods via giant cargo ships to the Port of Tacoma.

Three Indonesians kidnapped in Malaysian waters, official confirms. *Jakarta Post* [Online]. 10 July 2016. Available from: <http://www.thejakartapost.com/news/2016/07/10/three-indonesians-kidnapped-in-malaysian-waters-official-confirms.html> A group of five armed men are alleged to have kidnapped three Indonesians fishing in Malaysian waters late Saturday night, an official said on Sunday.

Indian Merchant Navy Captain Radhika Menon is first woman to get bravery award. *Hindustan Times (India)* [Online]. 10 July 2016. Available from: <http://www.hindustantimes.com/india-news/indian-merchant-navy-captain-radhika-menon-is-first-woman-to-get-bravery-award/story-x0xNLwpN42shSz8i6TDXzK.html> Captain Radhika Menon, first woman captain of the Indian Merchant Navy will receive IMO Award for Exceptional Bravery at Sea, the government has said.

Cruise Industry Trend: More Women in Leadership. *Maritime Executive* [Online]. 12 July 2016. Available from: <http://maritime-executive.com/features/cruise-industry-trend-more-women-in-leadership> When she left her home in the remote Faroe Islands and took a temporary job as a stewardess on a cargo ship, Inger Klein Thorhauge wanted most to become a wife and mother.

Maritime companies raise over £100,000 for seafarers in need in one weekend. *Seafarers UK* [Online]. 12 July 2016. Available from: <http://www.seafarers.uk/news/24-peaks-challenge-2-3-july/> Over the weekend of 2 and 3 July twenty-five teams from companies across the maritime sector took part in the ultimate challenge, better known as the '24 Peaks Challenge'.

IMHR Unites Fisheries over Human Rights. *Human Rights at Sea (HRAS)* [Online]. 18 July 2016. Available from: <https://humanrightsatsea-news.org/2016/07/18/human-rights-conference-unites-fisheries-community/> The International Maritime Human Rights Conference (IMHR) is delighted to announce its latest sponsors: The National Federation of Fishermen's Organisations (NFFO), the Pelagic Freezer-trawler Association (PFA) and the Sociaal fonds voor de trawlvissers (SFT).

Government Admits to Illegally Issued Work Permits to Foreign Seafarers. *Seafarers' International Union Canada (SIU)* [Online]. 14 July 2016. Available from: <http://www.seafarers.ca/government-illegally-issued-work-permits-to-foreign-seafarers/> The Government of Canada has admitted that it illegally issued work permits to 11 foreign crew members of the New England, a Marshall Islands flag of convenience oil tanker that engaged in shipping in Canada in July 2015.

ISWAN offers humanitarian support to crew of MT Maro. *International Seafarers' Welfare and Assistance Network (ISWAN)* [Online]. 18 July 2016. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/iswan-offers-humanitarian-support-to-crew-of-mt-mar> 11 Indian seafarers have recently returned from jail in Nigeria, having been released without charge.

Indonesian sailors abducted in Malaysian waters join hostages in Panama: Minister. **By Damar Harsanto.** *Jakarta Post* [Online]. 18 July 2016. Available from: <http://www.thejakartapost.com/news/2016/07/18/indonesian-sailors-abducted-in-malaysian-waters-join-hostages-in-panama-minister.html> Three Indonesian sailors recently abducted in Malaysian waters have been relocated to Panama, Jolo Island, Southern Philippines, where they are reported to have joined four other hostages kidnapped by a Filipino militant group in late June, Defense Minister Ryamizard Ryacudu said.

Tug Found Without Crew in Abu Sayyaf Waters. *Maritime Executive* [Online]. 18 July 2016. Available from: <http://maritime-executive.com/article/tug-found-without-crew-in-abu-sayyaf-waters> On Monday afternoon, fishermen spotted a tugboat with its engine running but no crew on board off of Sabah, Malaysia – waters made notorious by a string of kidnappings by terrorist organization Abu Sayyaf.

Philippines confirms missing Malaysian sailors kidnapped by Abu Sayyaf. *Malay Mail Online* [Online]. 20 July 2016. Available from: <http://www.themalaymailonline.com/malaysia/article/report-philippines-confirms-missing-malaysian-sailors-kidnapped-by-abu-sayy> Five Malaysian crew members whose ship was found drifting off Lahad Datu have been abducted by the Abu Sayyaf militant group, a Filipino official said.

8 Career Options For Women Seafarers After Sailing At Sea. By Paromita Mukherjee. *Marine Insight* [Online]. 7 July 2016. Available from: <http://www.marineinsight.com/careers-2/8-career-options-for-women-seafarers-after-sailing-at-sea> Shipping industry and seafarers bring prosperity to the world.

Seafarer Help Annual Review 2015 Launched. *International Seafarers' Welfare and Assistance Network (ISWAN)* [Online]. 20 July 2016. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/seafarer-help-annual-review-released> SeafarerHelp is the 24 hour multilingual helpline for seafarers run by the International Seafarers Welfare and Assistance Network (ISWAN).

AoS Poland supports abandoned crews. *Apostleship of the Sea (AoS)* [Online]. 25 July 2016. Available from: <http://www.apostleshipofthesea.org.uk/aos-poland-supports-abandoned-crews> Apostleship of the Sea (AoS) in Poland stepped in to assist 59 abandoned Russian seafarers who were left in the lurch after the ship owner went bankrupt.

Seafarers and their families ensured of protection in cases of abandonment, death, and long-term disability. *International Labour Organization (ILO)* [Online]. 21 July 2016. Available from: http://www.ilo.org/global/standards/maritime-labour-convention/news/WCMS_502387/lang-en/index.htm ILO member States have confirmed the amendments to the Maritime Labour Convention ensuring better protection to seafarers and their families in case of abandonment, death, and long-term disability.

MarAd, operators say nation could face shortage of mariners. By Martin Rushmere. *Professional Mariner* [Online]. 27 July 2016. Available from: <http://www.professionalmariner.com/August-2016/MarAd-operators-say-nation-could-face-shortage-of-mariners/> Federal agencies and vessel operators are voicing worries over a looming shortage of graduate mariners in the U.S. merchant marine.

SEARCH AND RESCUE

Witnessing migrants being rescued at sea. By Darrin Zammit Lupi. *Reuters* [Online].

1 July 2016. Available from: <http://www.reuters.com/article/us-europe-migrants-rescue-idUSKCN0ZH5DA> A growing number of flimsy rubber dinghies, packed with migrants from sub-Saharan Africa, in difficulty in the Mediterranean Sea.

Coast Guard ends search for migrants of capsized vessel off the British Virgin Islands.

US Coast Guard Newsroom [Online]. 17 July 2016. Available from:

<http://www.uscgnews.com/go/doc/4007/2865770/> Coast Guard rescue crews ended a four-day search Saturday for possible survivors of a migrant vessel, which reportedly capsized sometime between the night of July 9, 2016 and Monday morning in waters between the British Virgin Islands and the Caribbean island of Saint Maarten.

IMRF H. E. R. O. Awards Attract Entries from Maritime Search and Rescue Teams

Worldwide. *International Maritime Rescue Federation* [Online]. 19 July 2016. Available from:

<http://www.international-maritime-rescue.org/10-news/2072-imrf-h-e-r-o-awards-attract-entries-from-maritime-search-and-rescue-teams-worldwide> The IMRF H. E. R. O awards - launched in April this year - are attracting nominations of dedicated and innovative individuals and SAR teams from around the world and the closing date for nominations is the 29th July 2016.

SafeTrx Launches in Norway with the Norwegian Sea Rescue Society.

International Maritime Rescue Federation [Online]. 20 July 2016. Available from:

<http://www.international-maritime-rescue.org/10-news/2073-safetrx-launches-in-norway-with-the-norwegian-sea-rescue-society> Established in 1891, the voluntary organisation is the backbone of marine safety along the Norwegian coastline.

Merchant ships rescue 46 from sinking trawler. *Maritime Executive* [Online]. 27 July 2016.

Available from: <http://maritime-executive.com/article/merchant-ships-rescue-46-from-alaska-fishing-vessel> On Tuesday, all 46 crewmembers of a sinking fishing vessel in the Bering Sea were rescued by merchant ships, the U.S. Coast Guard said.

SHIPBUILDING AND SHIPREPAIR

The world's most powerful icebreaker. *The Motorship* [Online]. 4 July 2016. Available from:

<http://www.motorship.com/news101/ships-and-shipyards/the-worlds-most-powerful-icebreaker>

The launch of Rosatom Corp's 'Arktika', developed as part of a plan to open the Arctic off Russia's northern coast to year-round shipping, heralds a return to the use of nuclear power for icebreaking ships.

Enter Aida Cruises' LNG flagship. *Passenger Ship Technology* [Online]. 8 July 2016.

Available from: http://www.passengership.info/news/view,enter-aida-cruises-lng-flagship_43671.htm Aida Cruises' much-anticipated flagship *AidaPrima* finally arrived in European waters at the end of April this year.

Shipbuilders President Highlights Skilled Workforce as Testament to U.S. Shipyard Industry Capability to Build Next Generation of Polar Icebreakers. *Shipbuilders Council of America (SCA)* [Online]. 12 July 2016. Available from: <https://shipbuilders.org/shipbuilders-president-highlights-skilled-workforce-testament-us-shipyard-industry-capability-build>

In testimony before the House Subcommittee on Coast Guard and Maritime Transportation, Matthew Paxton, President of the Shipbuilders Council of America (SCA) today cited the proven track record of the men and women of the U.S. shipyard industry as he described the capability and capacity of the U.S. shipyard industry to build the next generation of polar icebreakers.

Kenya unveils first locally made ship in Mombasa. By Benard Sanga.

Standard Digital Kenya [Online]. 21 July 2016. Available from:

<http://www.standardmedia.co.ke/business/article/2000209414/kenya-unveils-first-locally-made-ship-in-mombasa> A Kenyan ship builder on Thursday unveiled a locally built sea vessel for the transportation of heavy machinery and marine projects cargo along the East African coast.

HMD: Shipping Industry should not hesitate over new tech in pursuit of greener vessels.

Ship & Bunker [Online]. 28 July 2016. Available from:

<http://shipandbunker.com/news/world/240535> "We should not hesitate to adopt new technologies and materials as we strive for a greener shipbuilding and shipping industry," Hyundai Mipo Dockyard (HMD) EVP Chang-hyun Yoon said Tuesday, whose company is set to use a novel high manganese steel in the construction of a dual-fuel HFO and liquefied natural gas (LNG) powered bulk carrier.

ClassNK calls for upgraded steel plate tolerance in mega-ship construction.

By Mike Wackett. *gCaptain* [Online]. 28 July 2016. Available from:

<https://gcaptain.com/classnk-calls-for-upgraded-steel-plate-tolerance-in-mega-ship-construction/> Japanese classification society ClassNK is claiming a "world-first" breakthrough finding in the required crack arrest toughness of steel plates used in the construction of ultra-large container vessels (ULCVs).

ClassNK makes breakthrough finding for ultra-large container ships. *ClassNK* [Online].

27 July 2016. Available from:

https://www.classnk.or.jp/hp/en/hp_news.aspx?id=2048&type=press_release&layout=1 ClassNK has concluded that the minimum required brittle crack arrest toughness for extremely thick brittle crack arrest steel plates of 100mm used in ultra-large container ships is 8,000 N/mm^{3/2}.

SHIPPING

Stena Line May Reflag UK Vessels Following Brexit. *Maritime Executive* [Online].

29 June 2016. Available from: <http://www.maritime-executive.com/article/stena-line-may-reflag-uk-vessels-following-brexite> The UK-based mariners' union Nautilus International has issued a statement calling on British shipowners to remain calm and move slowly following the recent national referendum on exiting the EU (the "Brexit" vote).

Nautilus urges owners to keep calm after brexit vote. *Nautilus International* [Online].

29 June 2016. Available from: <https://www.nautilusint.org/en/what-we-say/nautilus-news/nautilus-urges-owners-to-keep-calm-after-brexite-vote/> Nautilus has called for calm among British shipowners in the wake of the referendum vote in favour of the UK's exit from the European Union.

Prospects for a 26,000 TEU Container Ship. By Harry Valentine. *Maritime Executive*

[Online]. 3 July 2016. Available from: <http://www.maritime-executive.com/editorials/prospects-for-a-26000-teu-container-ship> Recent discussions in the maritime sector suggest the possibility of constructing container ships of 26,000 TEU.

Another industry-first for leading society ClassNK. *ClassNK* [Online]. 1 July 2016.

Available from: https://www.classnk.or.jp/hp/en/hp_news.aspx?id=2010&type=press_release ClassNK has established ClassNK Archive Center (NKAC), the maritime industry's first onshore digital archive center that fully complies with IMO Goal-based ship construction standards (GBS) and the Industry Standard, which begin to apply from today.

Weighing up risks in container shipping. By Neville Smith. *Splash* 24/7 [Online]. 1 July 2016. Available from: <http://splash247.com/weighing-up-risks-in-container-shipping/>
From the single hull tanker ban to the Ballast Water Management Convention, the revision of Marpol Annex VI and the conformity of Common Structural Rules to IMO Goal Based Standards, unintended consequences are everywhere.

WWF and RCL Announce Agreement on 2020 Sustainability Goals. *Royal Caribbean* [Online]. 30 June 2016. Available from: <http://www.rclcorporate.com/wwf-and-rcl-announce-agreement-on-2020-sustainability-goals/> Six months ago, World Wildlife Fund (WWF) and Royal Caribbean Cruises Ltd. (RCL) embarked on a five-year journey to help ensure the long-term health of the world's oceans.

ICS on Brexit implications for international shipping. By Bob Jaques. *Seatrade Maritime News* [Online]. 5 July 2016. Available from: <http://www.seatrade-maritime.com/news/europe/ics-on-brexit-implications-for-international-shipping.html>
While much attention already has focused on what the UK maritime industry stands to lose through Brexit, International Chamber of Shipping (ICS) director general Peter Hinchliffe turns the telescope around and muses on what international and EU shipping have to lose – or gain – from a change to the status quo.

Interview: LNG bunkering 'needs critical mass', says Shell downstream boss. **By Karen Thomas.** *LNG World Shipping* [Online]. 5 July 2016. Available from: http://www.lngworldshipping.com/news/view.interview-lng-bunkering-needs-critical-mass-says-shell-downstream-boss_43561.htm Shell general manager downstream LNG Laurant Wetemans sat down with LNG World Shipping in Amsterdam to discuss the company's small-scale ambitions as it prepares to take delivery of its first LNG bunker-supply ship and ponders take-up prospects for LNG as marine fuel.

Jewel of the Mediterranean. By Mark Borg. *Malta Today* [Online]. 4 July 2016. Available from: http://www.maltatoday.com.mt/business/business_comment/61793/jewel_of_the_mediterranean
Malta has a long history associated with shipping, going right back to Phoenician times, when Malta was already an important trading station.

DNV GL advises EU on elements needed for wider adoption of LNG as marine fuel in Europe. By Elinor Turander. *DNV GL* [Online]. 6 July 2016. Available from: <https://goo.gl/gRBsxH> As air emission requirements are becoming more stringent, one possible solution for reduced emissions is to use LNG as fuel for shipping.

Growing importance of advanced fuel management. *The Motorship* [Online]. 5 July 2016. Available from: <http://www.motorship.com/news101/regulation-and-classification/the-growing-importance-of-advanced-fuel-management-systems> Damian McCann, engine product manager at Royston diesel power, says that the MEPC's recent call for the reporting of vessel fuel consumption highlights the growing importance of advanced fuel management systems.

Tanker fleet growth erupts, as 203 ships have been added to the global fleet over the past 12 months. *Hellenic Shipping News* [Online]. 4 July 2016. Available from: <http://www.hellenicshippingnews.com/tanker-fleet-growth-erupts-as-203-ships-have-been-added-to-the-global-fleet-over-the-past-12-months/> Newbuilding orders for tankers have started to hit the water in growing numbers, leading to a rapid expansion of the global tanker fleet.

Shipping and climate change survey: Is it all about the money? *Splash 24/7* [Online]. 7 July 2016. Available from: <http://splash247.com/shipping-and-climate-change-survey-is-it-all-about-the-money/> The range of new technologies available, and a greater understanding by the public of climate change, may enable people within the shipping sector to make decisions that will lead to carbon emissions reduction.

Setting sail for 2017: a new boost for European shipping policy.

European Community Shipowners' Associations (ECSA) [Online]. 7 July 2016. Available from: http://www.ecsa.eu/images/NEW_Position_Papers/ECSA_Setting%20Sail%20for%202017.pdf  The European Commission's plan to review and possibly revise European shipping policy by 2017 forms a unique opportunity to give a new boost to the EU policy framework for shipping.

With global protectionism on the rise European shipowners call for a strong EU external maritime agenda. *European Community Shipowners' Associations (ECSA)* [Online].

7 July 2016. Available from: <http://www.ecsa.eu/news-and-media/9-latest-news/266-with-global-protectionism-on-the-rise-european-shipowners-call-for-a-strong-eu-external-maritime-agenda> European shipowners observe with concern that protectionism in world trade is on the rise.

The Polar Code and the Future of the Arctic. By Peter Neill, Director of the World Ocean Observatory. *World Ocean Observatory* [Online]. 7 July 2016. Available from:

<http://worldoceanobservatory.org/radio-item/polar-code-and-future-arctic>  The Polar Code is a new document of the International Maritime Organization to begin to frame the safe use of the Polar region by the inevitable increased shipping traffic to the Arctic. In this episode of World Ocean Radio host Peter Neill outlines the code and hails its thoroughness while questioning the preparedness of increased maritime traffic and the risks involved to this highly vulnerable natural ecosystem.

Brexit could push back container shipping recovery to 2017: analyst. By Marcus Hand.

Seatrade Maritime News [Online]. 11 July 2016. Available from: <http://www.seatrade-maritime.com/news/asia/brexit-could-push-back-container-shipping-recovery-to-2017-analyst.html> Brexit could push back hopes of a recovery in container shipping till 2017 according to analysts Maritime Strategies International (MSI).

Shipping's Half Year Report – "Must Do Better". *Clarkson Research Services Limited (CRSL)* [Online]. 8 July 2016. Available from:

<https://clarksonresearch.wordpress.com/2016/07/08/shippings-half-year-report-must-do-better/> it's unlikely the shipping markets would achieve many top grades.

Main themes announced for European Shipping Week 2017. *Shipping Innovation* [Online].

11 July 2016. Available from: <https://www.europeanshippingweek.com/main-themes-announced-for-european-shipping-week-2017/> The themes for European Shipping Week 2017 have been formally announced with the competitiveness of European shipping globally and the strategies being developed by the European Union and its respective bodies to foster that competitiveness sitting at the heart of the week's events and debate.

Kong: Malacca Strait relevant to maritime trade. *The Star (Malaysia)* [Online]. 13 July 2016.

Available from: <http://www.thestar.com.my/news/nation/2016/07/13/kong-malacca-strait-relevant-to-maritime-trade/> The Strait of Malacca will continue to be relevant and important for global maritime trade and the success of China's 21st Century Maritime Silk Road initiative.

Shipping heavyweights launch SEA\LNG marine fuel drive. By Karen Thomas.

Passenger Ship Technology [Online]. 13 July 2016. Available from:

http://www.passengership.info/news/view_shipping-heavyweights-launch-sea-lng-marine-fuel-drive_43739.htm Representatives of the companies formally launched SEA\LNG at a signing ceremony in central London last night.

We are maritime: Mustafa H Kanafani. By Mustafa H Kanafani. *Lloyd's List* [Online].

12 July 2016. Available from: [https://www.lloydslist.com/ll/sector/ship-](https://www.lloydslist.com/ll/sector/ship-operations/article529935.ece)

[operations/article529935.ece](https://www.lloydslist.com/ll/sector/ship-operations/article529935.ece) Mustafa H Kanafani is a maritime expert and former accredited representative of the League of Arab states to the International Maritime Organization.

Maritime Cook Islands Boosts China Links Via Tie Up With China Classification Society Authorisation As Recognised Organisation (RO). *Maritime Cook Islands* [Online].

12 July 2016. Available from: [http://www.maritimecookislands.com/news-events/press-](http://www.maritimecookislands.com/news-events/press-releases/)

[releases/](http://www.maritimecookislands.com/news-events/press-releases/) Maritime Cook Islands (MCI), the leading international ship registry, has authorised the China Classification Society (CCS) as a Recognised Organisation (RO), to conduct survey and certification of ships flying the Cook Islands flag.

In Depth: To Boldly Go Where No Cruise Ship Has Gone Before. By Jaap Proost.

World Maritime News [Online]. 18 July 2016. Available from:

<http://worldmaritimenews.com/archives/197234/to-boldly-go-where-no-cruise-ship-has-gone-before/> Expedition cruises visit places normal cruise ships won't sail, like the Arctic and Antarctic regions.

Maritime awards: it's time the industry woke up. By Grant Rowles. *Splash 24/7* [Online].

18 July 2016. Available from: [http://splash247.com/maritime-awards-its-time-the-industry-](http://splash247.com/maritime-awards-its-time-the-industry-woke-up/)

[woke-up/](http://splash247.com/maritime-awards-its-time-the-industry-woke-up/) "Despite difficult times, leading companies in the maritime industry have shown amazing resilience, remarkable ingenuity, dedication to safety and best practice.

Ship owners of LR1 dirty tankers could soon make the switch to clean trading.

By Nikos Roussanoglou. *Hellenic Shipping News* [Online]. 19 July 2016. Available from:

<http://www.hellenicshippingnews.com/ship-owners-of-lr1-dirty-tankers-could-soon-make-the-switch-to-clean-trading/> New trading partners are always emerging in the shifting world of the tanker market these days.

Making shipping history. *Splash 24/7* [Online]. 19 July 2016. Available from:

<http://splash247.com/making-shipping-history/> Jude Rodrigues was the captain tasked with making the first transit through the expanded Panama Canal last month - here he recounts the historic voyage.

Infographic: World's Container Shipping Alliances. *World Maritime News* [Online].

19 July 2016. Available from: [http://worldmaritimenews.com/archives/197425/infographic-](http://worldmaritimenews.com/archives/197425/infographic-worlds-container-shipping-alliances/)

[worlds-container-shipping-alliances/](http://worldmaritimenews.com/archives/197425/infographic-worlds-container-shipping-alliances/) As of 18 July 2016, the world's shipping alliances include the 2M alliance (Maersk and MSC), the Ocean Three alliance (CMA CGM, UASC, COSCO Shipping), the G6 alliance (NYK Line, OOCL, APL, MOL and HMM) and the CKYHE alliance (K Line, COSCO, HANJIN, Evergreen, Yang Ming).

Nigeria is safe for shipping activities, says Peterside. By Sulaimon Salau. *Guardian*

(Nigeria) [Online]. 20 July 2016. Available from: [http://guardian.ng/business-services/nigeria-is-](http://guardian.ng/business-services/nigeria-is-safe-for-shipping-activities-says-peterside/)

[safe-for-shipping-activities-says-peterside/](http://guardian.ng/business-services/nigeria-is-safe-for-shipping-activities-says-peterside/) The Director-General of the Nigerian Maritime Administration and Safety Agency (NIMASA) Dr. Dakuku Peterside, has assured that Nigeria is safe for shipping and other commercial activities in the maritime sector.

'Smooth' in industry. By Shalveen Chand. *Fiji Times* [Online]. 20 July 2016. Available from: <http://www.fijitimes.com/story.aspx?id=363161> The Fiji Ship Owners and Agents Association believes the shipping industry is looking very good and despite the few odd problems it's smooth sailing.

Turkish plans for Bosphorus by-pass to continue despite coup attempt.

Platts McGraw Hill Financial [Online]. 19 July 2016. Available from: <http://www.platts.com/latest-news/shipping/istanbul/turkish-plans-for-bosphorus-by-pass-to-continue-26495350> Turkish plans for the construction of a ship canal as a maritime by-pass for Istanbul's Bosphorus will not be affected by last week's failed military coup and the subsequent widespread instability in the country, Turkish president Recep Tayyip Erdogan said Tuesday.

RINA certifies commitment to environment and safety of Carnival Maritime.

RINA Services S.p.A. [Online]. 19 July 2016. Available from: <http://www.rina.org/en/news?item=130> RINA Services, a world leader in marine classification and certification, recently awarded Carnival Maritime GmbH ISO 14001 and BS OHSAS 18001 certificates.

Hayes back as UK shipping minister. By David Osler. *Lloyd's List* [Online]. 19 July 2016.

Available from: <https://www.lloydslist.com/ll/sector/regulation/article531005.ece> John Hayes is back in his old job as Britain's shipping minister, resuming the responsibility for maritime issues that he previously held at the Department for Transport under the coalition administration between 2014 and 2015.

Chinese firm hopes to operate eight cruise ships in South China Sea.

South China Morning Post [Online]. 21 July 2016. Available from: <http://www.scmp.com/news/china/diplomacy-defence/article/1992662/chinese-firm-hopes-operate-eight-cruise-ships-south> Up to eight Chinese ships will offer cruises to the South China Sea over the next five years, a state-run newspaper said on Thursday, as Beijing continues to promote tourism to the disputed waters.

Maritime projects predict and reduce noise onboard ships. *Brueel & Kjaer* [Online].

20 July 2016. Available from: <http://www.bksv.co.uk/Home/NewsEvents/News/TokaiShipProject.aspx?src=fnt> As ship-owners must ensure their vessels meet strict noise regulations, Tokai University initiated two projects intended to help engineers reduce and control noise on board during operation.

Hamburg and Amsterdam can take on London's shipping role. By Ralf Browatzki, AMB Executive Search. *Splash 24/7* [Online]. 22 July 2016. Available from:

<http://splash247.com/hamburg-and-amsterdam-can-take-on-londons-shipping-role/> Even though the real consequences are far away it is amazing how the mood among EC citizens has changed. Almost everyone feels that it's time to look for a change.

Live animal export: Shipping's high risk moving feast. By Dr Lynn Simpson, Australian livestock expert. *Splash 24/7* [Online]. 21 July 2016. Available from:

<http://splash247.com/live-animal-export-shippings-high-risk-moving-feast/> 📺 Having done 57 voyages from Australia to the northern hemisphere, traversing the Bass Strait, crossing the Great Australian Bight and skirting the odd cyclone, I'm no stranger to rough weather. VIDEO

Sustainable Shipping in Shanghai. By Rhea Suh. *Natural Resources Defense Council (NRDC)* [Online]. 21 July 2016. Available from: <https://www.nrdc.org/experts/rhea-suh/sustainable-shipping-shanghai> On a sunny day this week in Shanghai, I went to the largest port in the world to see for myself what China is doing to cut pollution from the giant container ships that link the world's fastest-growing economy to markets worldwide. In partnership with NRDC, China is moving forward to make its shipping cleaner, more efficient, and more sustainable.

LNG bunkers will not solve shipping's GHG emissions problem, says Tyndall Centre academic. *Ship & Bunker* [Online]. 25 July 2016. Available from: <http://shipandbunker.com/news/world/721411-lng-bunkers-will-not-solve-shippings-ghg-emissions-problem-says-tyndall-centre-academic> While switching to liquefied natural gas (LNG) bunkers may solve the shorter term problem of reducing certain ship emissions such as SOx, they will not address the wider challenge of reducing the sector's GHGs, Dr Michael Traut, Research Associate at the Tyndall Centre, University of Manchester, has told Ship & Bunker.

Ministry asks operators not to levy extra charge on containers. By Lalatendu Mishra. *The Hindu (India)* [Online]. 23 July 2016. Available from: <http://www.thehindu.com/business/Industry/ministry-asks-operators-not-to-levy-extra-charge-on-containers/article8891387.ece> The Directorate General of Shipping (DG Shipping) has asked port operators not to impose extra levy on exporters whose containers did not conform to the declared weight as required by a new regulation.

First U.S. LNG shipment to cross expanded Panama Canal next week. By Oleg Vukmanovic. *Reuters* [Online]. 22 July 2016. Available from: <http://www.reuters.com/article/us-panamacanal-gas-idUSKCN1012OT> The United States will ship its first liquefied natural gas (LNG) cargo through an expanded Panama Canal next week.

Low-sulphur fuel availability a reason of concern as new emission rules approach. By Nikos Roussanoglou. *Hellenic Shipping News* [Online]. 26 July 2016. Available from: <http://www.hellenicshippingnews.com/low-sulphur-fuel-availability-a-reason-of-concern-as-new-emission-rules-approach/> A difference in regulations from one part of the world to the other, is threatening to wreak havoc in the ship owning community, as owners will have to switch vessels, instead of fuels, depending on which part of the world they operate, as it's still not quite clear whether they can have access to low sulphur fuels.

CCS President Dr. Sun Licheng Chairs IACS Council. *China Classification Society (CCS)* [Online]. 26 July 2016. Available from: <http://www.ccs.org.cn/ccswzen/font/fontAction%21article.do?articleId=4028e3d654949188015624f3a80e01fb> On June 29, 2016, CCS President Sun Licheng was elected as the new Council Chairman at the IACS 73rd Council Meeting in Washington.

Drewry Maritime Research: What Brexit means for UK shipping. *Hellenic Shipping News* [Online]. 26 July 2016. Available from: <http://www.hellenicshippingnews.com/what-brexit-means-for-uk-shipping/> The UK's decision last month to leave the European Union will mean both positives and negatives.

ICS Annual Conference sets the Shipping Agenda. *International Chamber of Shipping (ICS)* [Online]. 25 July 2016. Available from: <http://www.ics-shipping.org/news/press-releases/view-article/2016/07/25/ics-annual-conference-sets-the-shipping-agenda> The International Chamber of Shipping (ICS) will focus clearly on its core agenda this year, with experts from key areas of industry across the board speaking at its 2016 International Shipping Conference, to be held at the British Library on Wednesday 7 September.

We4Sea plans to lower CO2 emissions in the shipping sector. *Port of Rotterdam* [Online]. 25 July 2016. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/we4sea-plans-to-lower-co2-emissions-in-the-shipping-sector> A 100-million-tonne reduction in annual CO2 emissions, by making more efficient use of fuel in the shipping sector.

Cruise ship gets stuck in harbour. *Times of Malta* [Online]. 24 July 2016. Available from: <http://www.timesofmalta.com/articles/view/20160724/local/cruise-ship-gets-stuck-in-harbour.619934> A cruise ship leaving the Grand Harbour on Saturday suffered an engine failure which left it powerless near the port entrance.

European Shipowners endorse the global commitment of the European Strategy for Low-Emission Mobility. *European Community Shipowners' Associations (ECSA)* [Online]. 22 July 2016. Available from: <http://www.ecsa.eu/9-latest-news/269-european-shipowners-endorse-the-global-commitment-of-the-european-strategy-for-low-emission-mobility> The European Commission's newly published communication on a European Strategy for low-emission mobility rightly points out that all transport sectors need to contribute towards reducing the EU's greenhouse gas emissions and air pollutants.

A summer cruise to the North Sea's oil rigs amazes tourists. By Ilze Filks and Gwladys Fouché. *Reuters* [Online]. 27 July 2016. Available from: <http://www.reuters.com/article/us-norway-oil-cruise-idUSKCN1070SW> The first ever "rig-spotting" cruise just ended off the coast of Norway, and those onboard the four-day trip said it was jawdropping.

Reducing ship emissions: Could we ever replace traditional bunkers?

By Dr Michael Traut, Tyndall Centre, University of Manchester. *Ship & Bunker* [Online]. 28 July 2016. Available from: <http://shipandbunker.com/news/world/555419> Decarbonisation and the replacement of traditional bunkers with alternative fuels or other technology is the only way the shipping industry can adequately reduce its emissions in line with the COP21 global climate deal, Dr Michael Traut, Research Associate at the Tyndall Centre, University of Manchester, has told Ship & Bunker.

The offshore industry and modern slavery. By Simon Hems. *Splash 24/7* [Online]. 29 July 2016. Available from: <http://splash247.com/the-offshore-industry-and-modern-slavery/> Slavery is a matter for history, not for the oil and gas industry.

Seizing the agenda on carbon emissions. By David Balston, Director of Policy.

UK Chamber of Shipping [Online]. 28 July 2016. Available from: <https://www.ukchamberofshipping.com/latest/blog-seizing-agenda-carbon-emissions/> With the Climate Change agenda progressing apace following the COP21 Paris Agreement at the end of last year UK Chamber Director of Policy, David Balston blogs on the leadership which the UK Chamber is providing on this issue.

Cruise Lines readying for ballast water treatment. By Wendy Laursen. *Maritime Executive* [Online]. 28 July 2016. Available from: <http://www.maritime-executive.com/editorials/cruise-lines-readying-for-ballast-water-treatment> Passenger vessels typically have low-volume ballast requirements, but they are subject to the same installation complexities and compliance uncertainty as the shipping industry at large when it comes to the implementation of the IMO Ballast Water Management Convention.

RESEARCH

Long-term underwater sound measurements in the shipping noise indicator bands 63 Hz and 125 Hz from the port of Falmouth Bay, UK. By J. K. Garrett, P. Blondel et al.

Marine Pollution Bulletin. [Online]. (2016). Available from:

<http://www.sciencedirect.com/science/article/pii/S0025326X16304258> Chronic low-frequency anthropogenic sound, such as shipping noise, may be negatively affecting marine life.

Health and climate impacts of ocean-going vessels in East Asia. By H. Liu, M. Fu et al.

Nature Climate Change. [Online]. (2016). Available from:

<http://dx.doi.org/10.1038/nclimate3083> East Asia has the most rapidly growing shipping emissions of both CO₂ and traditional air pollutants, but the least in-depth analysis.

Ocean acidification affects marine chemical communication by changing structure and function of peptide signalling molecules. By C. C. Roggatz, M. Lorch et al.

Global Change Biology. [Online]. (2016). Available from: <http://dx.doi.org/10.1111/gcb.13354>

Ocean acidification is a global challenge that faces marine organisms in the near future with a predicted rapid drop in pH of up to 0.4 units by the end of this century.

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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.