

INTERNATIONAL MARITIME ORGANIZATION
MARITIME KNOWLEDGE CENTRE
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Maritime Knowledge Centre
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About the MKC Current Awareness Bulletin (CAB)

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

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

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IMO / UNITED NATIONS NEWS & EVENTS

WHAT'S NEW

Day of the Seafarer campaign (25th June): #AtSeaForAll

The Day of the Seafarer, is an official United Nations observance day held each year on 25th June. The purpose of the Day is to celebrate the unsung heroes of shipping, the industry which underpins global trade on which we all rely to transport food, fuel, commodities, raw materials and goods around the world.

This year, the theme being used across all platforms was: "**At Sea for All**". It emphasizes the fact that seafarers serve at sea not just for the shipping industry or for their own career purposes, but for all of us. Like shipping itself, seafarers are indispensable to the world.

In his annual message for Day of the Seafarer, IMO Secretary-General Kitack Lim said: "this year, on the Day of the Seafarer, we are once again asking people everywhere to show their appreciation for the seafarers that quietly, mostly unnoticed, keep the wheels of the world in motion".

Seafarers and others were invited to share their photos depicting a life at sea on IMO's online "[Photo Wall](#)", a webpage designed to showcase the rich and varied opportunities that a life at sea can offer. IMO also created a number of videos available to watch and share on the Organization's [YouTube](#) channel. In addition to Secretary-General Lim's message, there is also a series of short interviews about a day in a seafarer's life, and a poignant [animation](#) depicting the many everyday items "seafarers brought me", yet which are so easily taken for granted. [IMO Day of the Seafarer 2016](#)

On World Day, Ban spotlights role of seafarers in meeting sustainable agenda targets

Marking the Day of the Seafarer, United Nations Secretary-General Ban Ki-moon highlighted the role of the shipping industry in moving forward the international agenda on sustainable development and climate change. [read more](#)

IMO MEETINGS FOR 2016

Legal Committee

103rd session, 8 – 10 June 2016

IMO PRESS BRIEFINGS

New ship safety rule to prevent loss of containers enters into force

Briefing: 18, June 30, 2016

Enclosed space ship safety rule enters into force

Briefing: 17, June 30, 2016

IMO NEWS MAGAZINE **(Issue 1, 2016)**

IMO PUBLISHING Just Published: 2016 June 2016 Newsletter

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

IMAREST Founders' Lecture - Our voyage together: How IMO has safely navigated the waters of history ... 14 June 2016

Legal Committee 103rd session, 8 – 10 June (Opening Address and Closing Remarks)

Posidonia Opening Ceremony 6 June 2016 (Opening Address)

Briefing to Member States at IMO Headquarters 2 June 2016

UNITED NATIONS NEWS

As Mediterranean death toll soars, Ban urges collective response to large refugee and migrant movements. *UN News Centre* [Online]. 31 May 2016. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=54092> At least 880 people appear to have died over the past week as their vessels capsized in the Mediterranean, bringing the total fatalities along the dangerous crossing route to 2,510 so far this year, the United Nations refugee agency said today, as Secretary-General Ban Ki-moon called for a comprehensive and collective response to large movements of refugees and migrants.

'Go wild for life,' UN says on World Environment Day. *UN News Centre* [Online].

5 June 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54139>

Marking World Environment Day, which this year focuses on the illegal trade of wildlife, the United Nations Environment Programme (UNEP) is calling on everyone to "go wild for life" and take action to help safeguard species under threat for future generations.

UN agency announces world's first illegal fishing treaty now in force. *UN News Centre*

[Online]. 5 June 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54140>

The United Nations Food and Agriculture Organization (FAO) has announced that a groundbreaking international accord aimed at stamping out illegal fishing went into effect today and is now legally binding for the 29 countries and a regional organization that have adhered to it.

Ban commends India and United States for supporting early entry into force of Paris Agreement. *UN News Centre* [Online]. 8 June 2016. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=54165> United Nations Secretary-General Ban Ki-moon has commended a joint statement on climate change made by India's Prime Minister Narendra Modi and United States President Barack Obama announcing their support for early entry into force of the Paris Agreement, and encouraged all countries to accelerate their domestic processes to join or ratify it.

Nearly two years on, Secretary-General reunites with Hokule'a crew for World Oceans Day. *UN News Centre* [Online]. 8 June 2016. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=54177> Warning that we are dangerously close to breaking the limit of how we should use oceans, Secretary-General Ban Ki-moon today reunited with a Polynesian voyaging canoe crew who are using traditional methods to circumvent the world and highlight the importance of protecting our bodies of water.

On World Day, UN urges meaningful action to protect future health of oceans.

UN News Centre [Online]. 8 June 2016. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=54164> Healthy oceans are critical to sustaining life on Earth, by regulating the climate and providing a wide range of services, including natural resources, nutritious food and jobs that benefit billions of people, United Nations Secretary-General Ban Ki-moon declared today, as the UN kicked off its celebrations to mark World Oceans Day.

Poor air quality and climate change are the two greatest threats to human health in the pan-European region – says new UN report. *United Nations Economic Commission for Europe (UNECE)* [Online]. 8 June 2016. Available from: <http://www.unece.org/info/media/presscurrent-press-h/environment/2016/poor-air-quality-and-climate-change-are-the-two-greatest-threats-to-human-health-in-the-pan-european-region-says-new-un-report/doc.html> Poor air quality, climate change, unhealthy lifestyles and the disconnection between people and the environment are increasingly affecting human health in the region, finds the latest Global Environment Outlook (GEO-6) assessment for the pan-European region, prepared by UNEP and UNECE with support from the European Environment Agency (EEA).

Ahead of World Refugee Day, UN agency launches 'Stand #WithRefugees' initiative. *UN News Centre* [Online]. 16 June 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54248> Ahead of the World Refugee Day on 20 June, more than 60 film, TV and music stars have joined refugees, faith leaders and the United Nations refugee agency staff to back a petition highlighting the plight of forcibly displaced people. **Small rise in shipping confidence.** By Richard Greiner.

Visiting Greek island, Ban says refugees' nightmare 'not over,' urging humane approach across Europe. *UN News Centre* [Online]. 18 June 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54265> Visiting the Greek island of Lesbos, which has become migrants' entry point to Europe, United Nations Secretary-General Ban Ki-moon today called on the countries in the region to respond with a humane and human rights-based approach, instead of border closures, barriers and bigotry.

In Greece, UN chief urges global responsibility-sharing for welfare of displaced. *UN News Centre* [Online]. 18 June 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54264> On a visit to Greece, United Nations Secretary-General Ban Ki-moon today discussed the refugee crisis with Prime Minister Alexis Tsipras, urging States to address the root causes of displacement and more evenly share the responsibility for the welfare of migrants and refugees.

CASUALTIES

Pollutants Removed From Grounded Bulk Carrier in Mexico. By Mike Schuler. *gCaptain* [Online]. 27 May 2016. Available from: <https://gcaptain.com/fuel-and-hazardous-waste-removed-from-grounded-bulk-carrier-in-mexico/> The removal of fuel and all hazardous materials from the stranded bulk carrier *Los Llanitos* concluded earlier this month as the salvage now moves to dismantling the ship on site in Mexico.

Argentine Naval Vessel Collides with Tanker. *Maritime Executive* [Online]. 2 June 2016. Available from: <http://maritime-executive.com/article/argentine-naval-vessel-collides-with-tanker> Argentine media have reported a collision between the naval corvette *ARA Espora* and the merchant product tanker *Saturn* in a harbor near Bahia Blanca, Argentina.


Coast Guard investigating cruise ship allision in Ketchikan, Alaska. *US Coast Guard Newsroom* [Online]. 3 June 2016. Available from: <http://www.uscgnews.com/go/doc/4007/2838278/> Coast Guard investigators from Marine Safety Detachment Ketchikan were called to the scene after the *Celebrity Infinity* allided with the #3 berth at the Ketchikan cruise ship dock.

NTSB to Launch Mission to Recover Voyage Data Recorder. *US National Transportation Safety Board (NTSB)* [Online]. 6 June 2016. Available from: <http://www.nts.gov/news/press-releases/Pages/PR20160606.aspx> The National Transportation Safety Board will launch a mission to recover a voyage data recorder that was located on April 26 in about 15,000 feet of water near the Bahamas.

Arctic Cruise Vessel Under Tow. *Maritime Executive* [Online]. 6 June 2016. Available from: <http://maritime-executive.com/article/arctic-cruise-vessel-under-tow> Oceanwide Expeditions' cruise ship *Ortelius* is under tow with 146 people on board after suffering engine trouble on Friday.

Tug Strikes Hamburg Tour Boat, 15 Injured. *Maritime Executive* [Online]. 7 June 2016. Available from: <http://maritime-executive.com/article/tug-strikes-hamburg-tour-boat-15-injured> On Tuesday afternoon, the tug *Jörn* struck the cruise boat *Irma II* in Hamburg harbor, near the Blohm + Voss shipyard, injuring 15 of the 39 passengers aboard.

14 crew members rescued after water enters ship. *Times of India* [Online]. 10 June 2016. Available from: <http://timesofindia.indiatimes.com/city/hubballi/14-crew-members-rescued-after-water-enters-ship/articleshow/52681789.cms> The ship *MV Infinity* with Panama flag was sailing to Karwar from Kandla port in Gujarat.

MAIB Accident Investigation Branch Report: Collapse of crane on workboat *Carol Anne* with loss of 1 life, 30 April 2015. *UK Marine Accident Investigation Branch (MAIB)* [Online]. 9 June 2016. Available from: <https://www.gov.uk/maib-reports/collapse-of-crane-on-workboat-carol-anne-with-loss-of-1-life> On 30 April 2015, an Atlas lorry loader crane fitted on the workboat *Carol Anne* collapsed while being used to offload a net at a fish farm at Balure on Loch Spelve, Scotland. [Report](#)  [Annexes](#) 

Two crew found dead on bulker. By Gary Dixon. *TradeWinds* [Online]. 9 June 2016. Available from: <http://www.tradewindsnews.com/casualties/763581/two-crew-found-dead-on-bulker> Turkish police say two Ukrainian seafarers have died on a bulker at a Tuzla shipyard in Istanbul.

Noah's Ark Crashes Into Coast Guard Vessel... You Read That Right. By Mike Schuler. *gCaptain* [Online]. 10 June 2016. Available from: <https://gcaptain.com/noahs-ark-crashes-into-coast-guard-vessel-you-read-that-right/> A 230-foot long replica of *Noah's Ark* collided with a Norwegian Coast Guard vessel as it arrived in Oslo, Norway on Friday, causing damage to both ships.

Marine Accident Investigation Branch Report 12/2016: Grounding of passenger cruise ship *Hamburg*. *UK Marine Accident Investigation Branch (MAIB)* [Online]. 16 June 2016. Available from: <https://www.gov.uk/maib-reports/grounding-of-passenger-cruise-ship-hamburg> On 11 May 2015, the Bahamas registered passenger vessel *Hamburg* grounded on charted rocks near the New Rocks buoy in the Sound of Mull, Scotland with 461 persons on board.

LOP After ECA Fuel Switching Operation Caused Houston Channel Collision and Spill: Houston Pilots Association. *Ship & Bunker* [Online]. 20 June 2016. Available from: <http://shipandbunker.com/news/am/213284-lop-after-eca-fuel-switching-operation-caused-houston-channel-collision-and-spill-houston-pilots-association> The Houston Pilots Association has cited a low-sulfur fuel switchover operation for compliance with the North American Emission Control Area (ECA) as the cause of a March 9, 2015 Houston Ship Channel collision and chemical spill, local media reports.

'No wider conflict' on grounded *Benita* . By Nick Roumpis. *TradeWinds* [Online]. 22 June 2016. Available from: <http://www.tradewindsnews.com/casualties/765268/no-wider-conflict-on-grounded-benita> Unit Maritime has denied that mutiny on board caused the grounding of a bulk carrier near Mahebourg, Mauritius, last Friday.

Houston Pilots Contest NTSB Collision Report. *Maritime Executive* [Online]. 20 June 2016. Available from: <http://www.maritime-executive.com/article/houston-pilots-contest-ntsb-collision-report> The Houston Pilots are contesting an NTSB report into the collision of the bulker *Conti Peridot* and the chemical tanker *Carla Maersk*.

Grounded bulker suffers damage and flooding. By Andy Pierce. *TradeWinds* [Online]. 22 June 2016. Available from: <http://www.tradewindsnews.com/casualties/765399/grounded-bulker-suffers-damage-and-flooding> Five Oceans Salvage says the sections have been flooded and its priority is the removal of 145 tons of fuel from the 44,000-dwt *Benita* (built 1998).

Product Tanker Briefly Aground Off Alaska. *Maritime Executive* [Online]. 24 June 2016. Available from: <http://www.maritime-executive.com/article/product-tanker-briefly-aground-off-alaska> On Friday, the Coast Guard reported that the Norway-flagged chemical tanker *Champion Ebony* went aground near Nunivak Island, Alaska on the morning of June 24.

Debunkering Continues on Grounded *MV Benita*. *Ship & Bunker* [Online]. 29 June 2016. Available from: <http://shipandbunker.com/news/emea/123609-debunkering-continues-on-grounded-mv-benita> Five Oceans Salvage, the company leading the recovery of grounded vessel *MV Benita*, says debunkering operations are continuing.

ENVIRONMENT

UCS Publishes Updated Great Barrier Reef Case Study Removed from World Heritage Report. By Adam Markham, Deputy Director of the Climate and Energy Program at UCS.

Union of Concerned Scientists (UCS) [Online]. 27 May 2016. Available from:

http://www.ucsusa.org/news/press_release/ucs-publishes-updated-great-barrier-reef-case-study#.V079XfkrKCg

Yesterday, the United Nations Education, Scientific and Cultural Organization (UNESCO); the United Nations Environment Program (UNEP); and the Union of Concerned Scientists (UCS) released a report examining how climate change is quickly becoming one of the most significant risks for World Heritage sites.

World Heritage and Tourism report shows sites at risk from climate change. UNESCO

[Online]. 26 May 2016. Available from: <http://whc.unesco.org/en/news/1500> Climate change is fast becoming one of the most significant risks for World Heritage sites, according to the report "World Heritage and Tourism in a Changing Climate" released today by UNESCO, the United Nations Environment Program (UNEP), and the Union of Concerned Scientists (UCS).

[World Heritage and Tourism in a Changing Climate](#) 

Member states haggle over 'low-carbon mobility' goals. By Georgi Gotev. EurActiv


[Online]. 1 June 2016. Available from:

<http://www.euractiv.com/section/transport/news/memberstates-haggle-over-low-carbon-mobility-goals/>

The European Commission is having "very intense discussions" with member states over the individual emissions reduction percentage that they will be assigned to reduce emissions in sectors not covered by the Emissions Trading Scheme, a top EU official told journalists today (31 May).

Coral bleaching spreads to Maldives, devastating spectacular reefs. By Michael Slezak.


The Guardian [Online]. 1 June 2016. Available from:

<http://www.theguardian.com/environment/2016/jun/01/coral-bleaching-spreads-to-maldives-devastating-spectacular-reefs> 

The longest global coral bleaching event in history is now devastating reefs in the crystal clear waters of the Maldives, with images released exclusively to the Guardian powerfully illustrating the extent of the damage there.

Arctic could become ice-free for first time in more than 100,000 years, claims leading scientist. By Ian Johnson. The Independent

[Online]. 5 June 2016. Available from:

<http://www.independent.co.uk/environment/climate-change/arctic-could-become-ice-free-for-first-time-in-more-than-100000-years-claims-leading-scientist-a7065781.html> 

The Arctic is on track to be free of sea ice this year or next for the first time in more than 100,000 years, a leading scientist has claimed.

World Oceans Day: 8 June - 2016 Theme: Healthy oceans, healthy planet. United Nations

[Online]. June 2016. Available from: <http://www.un.org/en/events/oceansday/> The ocean is the heart of our planet. [World Oceans Day 2016](#)

Green Supply Chain News: Climate Crowd Increasingly Turns Attention to Ocean Shipping Sector - Is It Worth It? Green Supply Chain

[Online]. 7 June 2016. Available from:

<http://www.thegreensupplychain.com/news/16-06-07-1.php> Ocean shipping represents just 2-3% of current CO2 emissions, depending on the estimate, but it is increasingly under a microscope by environmentalists calling for the sector to reduce greenhouse gases.

World Oceans Day: Healthy Oceans – Healthy Planet. UNESCO

[Online]. 8 June 2016. Available from: <http://whc.unesco.org/en/news/1507> As we celebrate our marine treasures this World Oceans Day, we at UNESCO are also reflecting on the work needed to sustain them as sea levels rise, and the water grows warmer and more acidic.

Coral reefs fall victim to overfishing, pollution, ocean warming. *Eureka Alert* [Online].

7 June 2016. Available from: http://www.eurekalert.org/pub_releases/2016-06/ru-crf060716.php One of the longest and largest studies of coral reef health ever undertaken finds that corals are declining worldwide because a variety of threats -- overfishing, nutrient pollution and pathogenic disease -- that ultimately become deadly in the face of higher ocean temperatures.

Examining Ocean Acidification on World Oceans Day. *US Government Accountability Office (GAO)* [Online]. 8 June 2016. Available from: <https://blog.gao.gov/2016/06/08/examining-ocean-acidification-on-world-oceans-day/> Increasing carbon dioxide levels in the atmosphere and oceans are resulting in chemical changes known as "ocean acidification."

Seychelles President's latest book 'Rethinking The Oceans - Towards the Blue Economy' launched on World Oceans Day. *Republic of Seychelles* [Online]. 8 June 2016.

Available from: http://www.statehouse.gov.sc/news.php?news_id=3069 During his address, President Michel said that under the proud flag of Seychelles, he has taken every opportunity to turn the world's attention to this new frontier and has addressed world leaders on every continent and many international organisations on this subject, calling for a new partnership with the oceans instead of depleting their resources.

Secure Oceans: Collaborative Policy and Technology Recommendations for the World's Largest Crime Scene. By Ariella Knight and Johan Bergenas. *Stimson Center* [Online].

7 June 2016. Available from: <http://www.stimson.org/content/secure-oceans-collaborative-policy-and-technology-recommendations-world-largest-crime> Later this year, the United States Secretary of State, John Kerry, will welcome leaders from all around the world to a conference focused on the security of our oceans. [Report](#) 

Cruising into the future. *ABC Radio Australia* [Online]. 13 June 2016. Available from:

<http://www.radioaustralia.net.au/international/2016-06-13/cruising-into-the-future/1589846>

The cruise ship industry is a multi-billion-dollar business worldwide, but with both ships and passenger numbers set to grow in the coming decades, what impact will cruising have on the environment?

Shell contributes offshore rights near Lancaster Sound to the Nature Conservancy of Canada. *Nature Conservancy of Canada* [Online]. 8 June 2016. Available from:

<http://www.natureconservancy.ca/en/who-we-are/news-room/news-releases/shell-contributes-offshore.html> Shell Canada ("Shell") today announced it has voluntarily contributed offshore rights to the Nature Conservancy of Canada to support the establishment of a national marine conservation area off the coast of Nunavut.

Aground "M/V Belle Rose" damages coral reefs in Cebu. *Philippine Coast Guard* [Online].

14 June 2016. Available from: <http://www.coastguard.gov.ph/index.php/11-news/1261-aground-m-v-belle-rose-damages-coral-reefs-in-cebu> "An estimated 483 meters of stretched of coral reefs on Monad Shoal were found to be damaged after a bulk carrier ran aground at said vicinity on June 13", according to the PCG investigating team.

Implementation of Tañon Strait management plan urged as oil spill detected in part of protected seascape. By Cielito M. Reganit. *Manila Bulletin* [Online]. 13 June 2016.

Available from: <http://www.mb.com.ph/implementation-of-tanon-strait-management-plan-urged-as-oil-spill-detected-in-part-of-protected-seascape/> An international ocean conservation group urged on Monday for the urgent implementation of the General Management Plan (GMP) in Tañon Strait after an oil spill was detected in Pescador Island in Moalboal, Cebu.

Was Kyoto climate deal a success? Figures reveal mixed results. By Michael Le Page.

New Scientist [Online]. 14 June 2016. Available from:

<https://www.newscientist.com/article/2093579-was-kyoto-climate-deal-a-success-figures-reveal-mixed-results/>

Under the treaty, 38 developed countries signed up to reduce their mean annual greenhouse gas emissions from 2008 to 2012 by an average of 5 per cent relative to 1990 levels.

China, India want to help Bangladesh in blue economy. By Sheikh Shahariar Zaman.

Dhaka Tribune (Bangladesh) [Online]. 14 June 2016. Available from:

<http://www.dhakatribune.com/bangladesh/2016/jun/14/china-india-want-help-bangladesh-blue-economy>

China and India have extended their hands to Bangladesh to use its marine resources in a sustainable manner.

A levy on emissions can reduce ship NOx emissions by 70% – study.

Transport & Environment [Online]. 16 June 2016. Available from:

<https://www.transportenvironment.org/press/levy-emissions-can-reduce-ship-nox-emissions-70-%E2%80%93-study>

A levy on nitrogen oxides (NOx) emissions with revenues earmarked to fund the uptake of NOx abatement measures is the most promising tool to reduce these ship emissions by up to 70%, a new study by environmental consultancy IVL and CE Delft reveals.

[Briefing: NOx controls for shipping in EU seas](#)  [Full Report](#) 

Despite sanctions, cooperation continues in the North. High North News (Norway) [Online].

20 June 2016. Available from: <http://www.highnorthnews.com/despite-sanctions-cooperation-continues-in-the-north/>

High North News continues the series "The New North", highlighting questions around international cooperation between the Arctic states.

Amid Melting Arctic Ice, Kerry sees Looming Climate Catastrophe.

By Joseph R. Fonseca. *Maritime Global News* [Online]. 19 June 2016. Available from:

<http://maritimeglobalnews.com/news/melting-arctic-kerry-looming-c8br5q>

Standing near Greenland's Jakobshavn glacier, the reputed source of the iceberg that sank the Titanic over a century ago, U.S Secretary of State John Kerry saw evidence of another looming catastrophe.

EIB agrees new investment totalling EUR 7.4 billion, including EUR 3 billion for clean transport, energy, SMEs and innovation under Investment Plan for Europe.

European Investment Bank [Online]. 16 June 2016. Available from: <http://goo.gl/nWBAaz>

The Board of Directors of the European Investment Bank today approved EUR 7.4 billion of new financing for 38 projects across Europe and around the world. Negotiations for the approved loans are expected to be finalised in the coming months.

Unlocking the potential of LNG. By Adrian Tolson, Senior Partner, 20|20 Marine Energy.

The Motorship [Online]. 20 June 2016. Available from:

<http://www.motorship.com/news101/lng/unlocking-the-potential-of-lng>

The majority of headlines at the IMO's Marine Environmental Protection Committee meeting (MEPC 69) in April this year were reserved for the lack of action on reducing its GHG emissions. However, a key point that didn't receive as much coverage was the statement that the results of the fuel availability study will be announced at MEPC 70 in October 2016.

Transport is now Europe's biggest climate problem - EEA data. Transport & Environment

[Online]. 21 June 2016. Available from: <https://www.transportenvironment.org/press/transport-now-europe%E2%80%99s-biggest-climate-problem-eea-data>

Greenhouse gas emissions from the transport sector have grown for the first time since 2007 while those of other sectors of the economy have decreased, data released today by the European Environment Agency (EEA) revealed.

Maldives urges rich countries to rapidly ratify Paris climate agreement. By Fiona Harvey. *The Guardian* [Online]. 21 June 2016. Available from: <https://www.theguardian.com/environment/2016/jun/21/maldives-urges-rich-countries-to-rapidly-ratify-paris-climate-agreement> Thoriq Ibrahim, environment and energy minister of the Maldives, told the Guardian that there was "no time to waste", in ratifying the agreement that was reached more than six months ago, and that it should be a matter of urgency for industrialised countries.

UN deputy chief highlights benefits from and challenges confronting oceans. *UN News Centre* [Online]. 27 June 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54332> Addressing a gathering on laws affecting the world's oceans, the United Nations Deputy Secretary-General Jan Eliasson today underscored that healthy oceans are critical to maintaining life on the planet, while also noting their connection to broader sustainable development aims.

Scientists send coral reef plea to Australia. By Caleb Jones. *Phys Org* [Online]. 26 June 2016. Available from: <http://phys.org/news/2016-06-scientists-coral-reef-plea-australia.html> As the largest international gathering of coral reef experts comes to a close, scientists have sent a letter to Australian officials calling for action to save the world's reefs, which are being rapidly damaged.

Transport and ecosystems. *European Environment Agency (EEA)* [Online]. 29 June 2016. Available from: <http://www.eea.europa.eu/signals/signals-2016/articles/transport-and-ecosystems> The European continent is connected by an extensive transport network, comprising motorways, roads, rail tracks, navigable rivers, cycle paths, flight routes and sea routes.

Aviation and shipping in the spotlight. *European Environment Agency (EEA)* [Online]. 29 June 2016. Available from: <http://www.eea.europa.eu/signals/signals-2016/articles/aviation-and-shipping-in-the-spotlight> Aviation and international shipping have helped to dramatically reduce distances and increase our access to cheaper holidays and goods.

Danish Shipowners Call for Fact-Based Figures on Shipping Industry's Potential CO2 Emission Reductions. *Ship & Bunker* [Online]. 28 June 2016. Available from: <http://shipandbunker.com/news/world/434861-danish-shipowners-call-for-fact-based-figures-on-shipping-industrys-potential-co2-emission-reductions> The Danish Shipowners' Association Tuesday issued a call for more fact-based figures on how much the shipping industry can reduce CO2 emissions, as well as related impacts.

Buoys in the deep geared to listen for singing whales near shipping lanes. **By Frank Eltman.** *Christian Science Monitor* [Online]. 28 June 2016. Available from: <http://www.csmonitor.com/Environment/2016/0628/Buoys-in-the-deep-geared-to-listen-for-singing-whales-near-shipping-lanes> 🐋 Scientists have deployed a buoy 22 miles off the coast of New York's Fire Island to monitor several species of great whales in "near real-time."

ENVIRONMENTAL POLLUTION

Uncharted Waters: Restoring Deep Gulf Fouled by BP Spill. By Cain Burdeau. *ABC News (US)* [Online]. 30 May 2016. Available from: <http://abcnews.go.com/US/wireStory/uncharted-waters-restoring-deep-gulf-fouled-bp-spill-39479588> Far offshore and a mile deep in the dark world below the Gulf of Mexico's gleaming surface, the catastrophic BP oil spill of 2010 did untold damage on the ocean floor.

'Dirty Blizzard' Sent 2010 Gulf Oil Spill Pollution to Seafloor. *Earth Institute Columbia University* [Online]. 27 May 2016. Available from: <http://www.ldeo.columbia.edu/news-events/dirty-blizzard-sent-2010-gulf-oil-spill-pollution-seafloor> Scientists working in the Gulf of Mexico have found that contaminants from the massive 2010 *Deepwater Horizon* oil spill lingered in the subsurface water for months after oil on the surface had been swept up or dispersed.

Fish eat plastic like teens eat fast food, researchers say. By Matt McGrath. *BBC News* [Online]. 2 June 2016. Available from: <http://www.bbc.co.uk/news/science-environment-36435288> Young fish become hooked on eating plastic in the seas in the same way that teenagers prefer unhealthy fast food, Swedish researchers have said.

World's Biggest Cruise Ship Sparks Protests Over Vessel Emissions in Barcelona. *Ship & Bunker* [Online]. 9 June 2016. Available from: <http://shipandbunker.com/news/emea/678113-worlds-biggest-cruise-ship-sparks-protests-over-vessel-emissions-in-barcelona> 🇳🇱 Royal Caribbean Cruises Ltd (RCL)'s latest vessel and largest cruise ship in the world, *Harmony of the Seas*, has become the new focus of residents' concern over air pollution at the vessel's base port of Barcelona, Spanish Media reports.

NIMASA cautions against 'wanton deposition' of plastics into sea. By Moses Ebosele. *Guardian (Nigeria)* [Online]. 15 June 2016. Available from: <http://guardian.ng/business-services/maritime/nimasa-cautions-against-wanton-deposition-of-plastics-into-sea/> The Nigerian Maritime Administration and Safety Agency (NIMASA) has cautioned against 'wanton deposition' of plastics and plastic materials into the water.

Gigantic Floating Screen To Sift Plastic Out Of The Ocean. By Brooke James. *Science World Report* [Online]. 27 June 2016. Available from: <http://www.scienceworldreport.com/articles/42781/20160627/gigantic-floating-screen-sift-plastic-out-ocean.htm> 🇳🇱 Around eight million tons of plastic wind up in the ocean every year.

Officials, environmentalists trade blame for Hurghada oil spill. By Al-Masry Al-Youm. *Egypt Independent* [Online]. 28 June 2016. Available from: <http://www.egyptindependent.com/news/officials-environmentalists-trade-blame-hurghada-oil-spill> The Red Sea resort town of Hurghada continued to be plagued by crude oil spills on Tuesday, amid claims from marine environment protection groups that officials had not done enough to prevent pollution in the area.

HEALTH

New Zika response strategy to focus on preventing, managing medical complications – UN health agency. *UN News Centre* [Online]. 17 June 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54259> The United Nations health agency today issued a revised strategic response plan for the next one and a half years to combat the transmission of the Zika virus, which has now spread to 60 countries.

HEALTH AND SAFETY

Passengers tell of health and safety fears on world's biggest liner *Harmony of the Seas*. **By Duncan Geddes.** *Daily Echo* [Online]. 29 May 2016. Available from: http://www.dailyecho.co.uk/news/14522340.Parents_safety_horror_on_shambolic_Harmony_of_the_Seas/ *Harmony of the Seas* is "like a construction site" and poses numerous risks, according to some of its first paying customers.

IMO

Reducing Ship Emissions a Challenge for the Whole Industry: IMO. *Ship & Bunker* [Online]. 30 May 2016. Available from: <http://shipandbunker.com/news/world/155802-reducing-ship-emissions-a-challenge-for-the-whole-industry-imo> The challenge of reducing emissions from the global shipping industry is one that extends well beyond that of the International Maritime Organization (IMO), Dr. Edmund Hughes, IMO's Head of Air Pollution and Energy Efficiency, has highlighted.

International Maritime Organisation Audit Not A Witch Hunt...Minister. **By Aminat Aminu Asah.** *Newswatch Times (Nigeria)* [Online]. 7 June 2016. Available from: <http://www.mynewswatchtimesng.com/international-maritime-organisation-audit-not-witch-hunt-minister/> The Minister of Transportation, Rotimi Amechi in an attempt to promote the objectives of the international Maritime Organisation Member State Audit scheme has said the audit scheme is not to witch hunt the member state.

IMO audit to assist Seychelles in remaining compliant. *Seychelles Nation* [Online]. 8 June 2016. Available from: <http://www.nation.sc/article.html?id=249734> The International Maritime Organisation is to carry out an audit of the Seychelles so as to guide the country in remaining compliant to the various conventions it signed in relation to the organisation.

IMO team submits interim report of audit of Nigerian maritime sector. *The News (Nigeria)* [Online]. 13 June 2016. Available from: <http://thenewsnigeria.com.ng/2016/06/imo-team-submits-interim-report-of-audit-of-nigerian-maritime-sector/> The International Maritime Organisation Member States Audit Scheme (IMSAS) has submitted an interim report after its week long audit of the Nigerian maritime sector with a call on Maritime stakeholders especially Nigerian Maritime Administration and Safety Agency (NIMASA) to develop and formalize a long term strategy for the implementation of IMO instruments in the country.

International Convention for the Safety of Life at Sea to be implemented. *Government of Sri Lanka* [Online]. 16 June 2016. Available from: <http://www.news.lk/news/business/item/13672-international-convention-for-the-safety-of-life-at-sea-to-be-implemented> Sri Lanka, for the first time, will implement the international maritime treaty, International Convention for the Safety of Life at Sea (SOLAS), the Ports and Shipping Ministry said.

On the hook. By Christian Doepgen. *International Transport Journal (ITJ)* [Online]. 17 June 2016. Available from: <http://www.transportjournal.com/en/home/news/artikeldetail/on-the-hook.html> The choir of those who harbour compunctions concerning the new clauses in the International Convention for the Safety of Life at Sea (Solas regulation 2, paragraphs 4 to 6) is growing louder – but it has a bad memory.

IMO set for global sulphur limit timetable decision. By Adam Corbett. *TradeWinds* [Online]. 16 June 2016. Available from: <http://www.tradewindsnews.com/weekly/764452/imo-set-for-global-sulphur-limit-timetable-decision> The International Maritime Organization (IMO) is set to agree on the timetable for a new global limit on the sulphur content of bunkers in 2020 after completing a fuel availability survey well ahead of schedule.

A fresh pair of eyes on maritime regulatory challenges. By Michele Witthaus. *Cruise and Ferry* [Online]. 23 June 2016. Available from: <http://www.cruiseandferry.net/articles/a-fresh-pair-of-eyes-on-maritime-regulatory-challenges#.V21OpfkrKCg> New International Maritime Organization (IMO) Secretary-General Kitack Lim took up his role in January.

Lots of surprises yet to come post-Brexit. By Clay Maitland. *Splash 24/7* [Online]. 27 June 2016. Available from: <http://splash247.com/lots-of-surprises-yet-to-come-post-brexit/> For those with maritime interests, what happens at the International Maritime Organization, (it favours the American spelling) has relevance, significance, and – in this case – immediacy.

LAW AND POLICY

Myanmar becomes the 75th State to ratify the Maritime Labour Convention, 2006. *International Labour Organization (ILO)* [Online]. 26 May 2016. Available from: http://www.ilo.org/global/about-the-ilo/newsroom/news/WCMS_485008/lang--en/index.htm The Government of the Republic of the Union of Myanmar has deposited with the International Labour Office the instrument of ratification of the Maritime Labour Convention, 2006.

Costa Concordia captain Schettino's jail sentence upheld. *BBC News* [Online]. 31 May 2016. Available from: <http://www.bbc.co.uk/news/world-europe-36421474>  An Italian appeals court has upheld the 16-year sentence given to the captain of the *Costa Concordia* which capsized in 2012 killing 32 people.

A step forward in the fight against harmful fishing practices. *United Nations Conference on Trade and Development (UNCTAD)* [Online]. 1 June 2016. Available from: http://unctad.org/en/pages/newsdetails.aspx?OriginalVersionID=1260&Sitemap_x0020_Taxonomy=UNCTAD%20Home; The Agreement on Port State Measures to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing (the Port State Measures Agreement), adopted by the FAO Conference in 2009, will enter into force on 5 June 2016 after the deposit of the twenty-fifth instrument of accession to the FAO.

Timor-Leste Blazing a Trail for Maritime Dispute Resolution. By Grace Phan. *The Diplomat* [Online]. 3 June 2016. Available from: <http://thediplomat.com/2016/06/timor-leste-blazing-a-trail-for-maritime-dispute-resolution/> The words spoken by President Barack Obama in Hanoi, Vietnam in May resonated loudly with the people of Timor-Leste.

Ghana, Cote d'Ivoire commit to settling maritime dispute. *Ghana Web* [Online].

2 June 2016. Available from:

<http://www.ghanaweb.com/GhanaHomePage/NewsArchive/Ghana-Cote-d-Ivoire-commit-to-settling-maritime-dispute-444129> Ghana and Cote d'Ivoire have renewed their commitment to have an amicable solution to their maritime dispute.

Three More *El Faro* Families Settle. *Maritime Executive* [Online]. 1 June 2016. Available from:

<http://www.maritime-executive.com/article/three-more-el-faro-families-settle> Earlier this week, three families of *El Faro* crewmembers reached \$500,000 settlements with the ship's owners.

Ships flagged for illegal fishing still able to get insurance: UBC study. *Eureka Alert*

[Online]. 6 June 2016. Available from: http://www.eurekalert.org/pub_releases/2016-06/uobc-sff060216.php New research from the University of British Columbia finds that rogue fishing vessels are able to secure insurance including those that have been flagged by international watchdogs for unlawful activity.

Upcoming U.N. ruling on S. China Sea dominates Asian security summit. By Greg Torode and Marius Zaharia. *Reuters* [Online]. 3 June 2016. Available from:

<http://www.reuters.com/article/asia-security-idUSL4N18V3V7> Thailand's prime minister and India's defence minister called on Friday for upholding international law as they spoke at an Asian security summit that is being held ahead of a key U.N. court ruling on the South China Sea dispute.

Indonesia to sink 30 more boats caught fishing illegally. By Markus Makur. *Jakarta Post* [Online]. 7 June 2016. Available from:

<http://www.thejakartapost.com/news/2016/06/07/indonesia-to-sink-30-more-boats-caught-fishing-illegally.html> Maritime Affairs and Fisheries Minister Susi Pudjiastuti said the government was ready to sink 30 foreign-flagged vessels caught fishing illegally in Indonesian waters.

Maritime Dispute Missing From Outcomes After U.S.-China Talks. *Bloomberg* [Online].

7 June 2016. Available from: <http://www.bloomberg.com/news/articles/2016-06-07/maritime-dispute-missing-from-outcomes-after-u-s-china-talks> The 32-page outcome document from two days of talks between U.S. and Chinese leaders didn't mention tension over Beijing's actions in the disputed South China Sea, reflecting how far apart the countries remain over the issue.

Thailand ratifies the ILO Maritime Labour Convention, 2006 (MLC, 2006).

International Labour Organization (ILO) [Online]. 7 June 2016. Available from:

http://www.ilo.org/global/standards/maritime-labour-convention/news/WCMS_488396/lang-en/index.htm Thailand is the 77th Member State to have ratified this landmark Convention.

Honduras ratifies the Maritime Labour Convention, 2006 (MLC, 2006).

International Labour Organization (ILO) [Online]. 6 June 2016. Available from:

http://www.ilo.org/global/standards/maritime-labour-convention/news/WCMS_488374/lang-en/index.htm Honduras is the 76th ILO Member State to ratify this landmark Convention whose main objectives are to ensure the worldwide protection of the rights of seafarers and to establish a level playing field for countries and shipowners committed to providing decent working and living conditions to seafarers.

Nondiscriminatory fight launched against illegal fishing activities in Indonesian waters.

Antara News (Indonesia) [Online]. 14 June 2016. Available from:

<http://www.antaraneews.com/en/news/105196/nondiscriminatory-fight-launched-against-illegal-fishing-activities-in-indonesian-waters>

Maritime Affairs and Fisheries Minister Susi Pudjiastuti has been consistent and courageous in her approach to fight illegal, unreported and unregulated fishing (IUU) activities in Indonesian waters.

Security Council Authorizes Inspection of Suspected Embargo-Breaking Vessels off Libya's Coast, Unanimously Adopting Resolution 2292 (2016).

United Nations [Online]. 14 June 2016. Available from: <http://www.un.org/press/en/2016/sc12401.doc.htm>

In an effort to implement the arms embargo imposed on Libya, the Security Council today authorized Member States, acting nationally or through regional organizations, to inspect vessels on the high seas off the coast of Libya believed to be in violation of the embargo.

Vessel owner needs to pay for damaged corals: PCG. By Elias O. Baquero. *Sun Star (Philippines)* [Online]. 14 June 2016. Available from: <http://www.sunstar.com.ph/cebu/local-news/2016/06/14/vessel-owner-needs-pay-damaged-corals-pcg-479567>

The Philippine Coast Guard (PCG) will not give *mv Belle Rose* the clearance to sail unless management settles the damage it caused to the environment when the vessel ran aground off Malapascua Island in Daanbantayan, Cebu last Monday.

South China Sea: A Legal Analysis of China's Maritime Claims. By Tuan N. Pham.

The Diplomat [Online]. 16 June 2016. Available from: <http://thediplomat.com/2016/06/south-china-sea-a-legal-analysis-of-chinas-maritime-claims/>

A year and a half ago, the contested South China Sea (SCS) was awash in international intrigues and legal maneuverings.

Finns to decide on ballast water rules today. By Craig Eason. *Lloyd's List* [Online].

17 June 2016. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article528208.ece>

Finland could be a step closer today to bringing the text of the ballast water convention into its national legislation and therefore becoming the country that triggers the regulations into force.

EU gives its Mediterranean mission right to search ships for Libya-bound arms.

By Robin Emmott. *Reuters* [Online]. 20 June 2016. Available from:

<http://www.reuters.com/article/us-europe-migrants-libya-idUSKCN0Z61G5>

The European Union on Monday gave its naval force in the Mediterranean the authority to search suspicious vessels at sea in a bid to stop arms getting to Islamic State in Libya and to break up gangs smuggling migrants to Europe.

Ship Owner, Operator and Engineers Found Guilty of Violating Pollution Laws, Falsifying Records and Scheming to Defraud.

US Department of Justice [Online]. 20 June 2016.

Available from: <https://www.justice.gov/usao-wdwa/pr/ship-owner-operator-and-engineers-found-guilty-violating-pollution-laws-falsifying>

The companies that own and operate a Greek shipping vessel and two engineers from the ship were convicted today in U.S. District Court in Seattle of 12 felony counts related to their dumping of oily waste at sea, announced U.S. Attorney Annette L. Hayes.

Denmark: Five Shipping Firms Violate Sulfur Measures.

World Maritime News [Online]. 20 June 2016. Available from: <http://worldmaritimeneews.com/archives/195251/denmark-five-shipping-firms-violate-sulfur-measures/>

Five shipping companies were reported for violating sulfur requirements, which came into effect on January 1, 2015, according to the Danish Ministry of Environment and Food.

Company and Crew Convicted on MARPOL Charges. *Maritime Executive* [Online].

21 June 2016. Available from: <http://www.maritime-executive.com/article/company-and-crew-convicted-on-marpol-charges> The owner and operator of the bulk carrier *Gallia Graeca* and two of her engineers were convicted Monday of 12 felony counts related to MARPOL oily waste violations, announced U.S. Attorney Annette L. Hayes.

Trial begins in case of fatal Black Elk platform blast of 2012. By Donal Scully. *Splash 24/7*

[Online]. 22 June 2016. Available from: <http://splash247.com/trial-begins-case-fatal-black-elk-platform-blast-2012/> Three men died in the November 16, 2012 blast and subsequent fire on the platform WD 32 E, operated by Black Elk Energy Offshore Operations of Houston, Texas.

UN boss: Brexit would mean rewriting Paris Agreement on climate change.

By James Crisp. *EurActiv* [Online]. 22 June 2016. Available from:

<http://www.euractiv.com/section/climate-environment/news/un-boss-brexit-would-mean-rewriting-paris-agreement-on-climate-change/> Christiana Figueres, one of the architects of the historic deal struck last December to limit warming to no more than two degrees above pre-industrial levels, said the international pact, "would require recalibration".

After the South China Sea Arbitration. By Mark E. Rosen, SVP and General Counsel, CAN Corporation. *The Diplomat* [Online]. 21 June 2016. Available from:

<http://thediplomat.com/2016/06/after-the-south-china-sea-arbitration/> The 1982 United Nations Convention on the Law of the Sea (UNCLOS) is supposed to be the constitution of the oceans because it establishes important principles on how ocean resources will be allocated and disputes settled.

INTERPOL calls for public's help in operation targeting people smugglers. *INTERPOL*

[Online]. 23 June 2016. Available from: <http://www.interpol.int/News-and-media/News/2016/N2016-085> An INTERPOL operation targeting the criminal networks behind people smuggling, which has already led to 26 arrests, is now calling on the public's help to locate and bring the remaining fugitives to justice.

European Border and Coast Guard: Parliament and Council strike provisional deal.

European Parliament [Online]. 22 June 2016. Available from:

<http://www.europarl.europa.eu/news/en/news-room/20160621IPR33114/European-Border-and-Coast-Guard-Parliament-and-Council-strike-provisional-deal> The creation of an EU border control system received a first green light from Parliament and Council negotiators on Tuesday night.

Brexit will not impede UK shipping rights, but EU green laws will still apply.

By Hal Brown. *Lloyd's List* [Online]. 24 June 2016. Available from:

<https://www.lloydslist.com/ll/sector/tankers/article528870.ece> Brexit would not impede the right of British shipping companies to carry goods to or from European Union ports, according to law firm Norton Rose Fulbright.

MARINE TECHNOLOGY

MOL Launches Study to Equip In-service Vessels with SOX Scrubber System - Environmental Initiatives in Advance of International Regulations. *Mitsui O.S.K. Lines Ltd.(MOL)* [Online]. 6 June 2016. Available from: <http://www.mol.co.jp/en/pr/2016/16040.html> Mitsui O.S.K. Lines, Ltd. (MOL; President & CEO: Junichiro Ikeda) today announced that it has entered into a joint study to equip in-service vessels with SOX scrubber system, to ensure compliance with upcoming international environmental regulations.

ABS Nautical Systems Enables Next-Generation Vessel Performance. *ABS (American Bureau of Shipping)* [Online]. 6 June 2016. Available from: <http://ww2.eagle.org/en/news/press-room/2016/ABS-Nautical-Systems-Enables-Next-Generation-Vessel-Performance.html> Comprehensive approach encompasses hull, propeller and main engine performance with results benchmarked against ship-specific parameters.

LNG-Fueled Vessels Go Big with 'Project Forward'. *ABS (American Bureau of Shipping)* [Online]. 7 June 2016. Available from: <http://ww2.eagle.org/en/news/press-room/2016/LNG-Fueled-Vessels-Go-Big-with-Project-Forward.html> ABS, a leading provider of classification services to the global marine and offshore industries, has teamed up with partners Arista Shipping, Deltamarin, GTT and Wärtsilä in the "Project Forward" joint development project (JDP) to develop a dry bulk carrier concept that employs LNG as fuel.

Wärtsilä launches new online platform for its Encyclopedia of Marine Technology. *Wärtsilä Corporation* [Online]. 6 June 2016. Available from: <http://www.wartsila.com/media/news/06-06-2016-wartsila-launches-new-online-platform-for-its-encyclopedia-of-marine-technology> A new online platform for the popular Wärtsilä Encyclopedia of Marine Technology, formerly known as the Encyclopedia of Ship Technology by Wärtsilä, is being launched. [Wärtsilä Encyclopedia of Marine Technology](#)


Posidonia 2016: DNV GL performs first drone production survey. *By Simon David Adams.* *DNV GL* [Online]. 7 June 2016. Available from: <https://www.dnvgl.com/news/posidonia-2016-dnv-gl-performs-first-drone-production-survey-66660> Classification society DNV GL announced today at the Posidonia trade fair that it had recently completed the first production surveys using an unmanned aerial vehicle (UAV) or drone.

Technology shift bringing an end to shipping cycles. *By Holly Birkett.* *Splash 24/7* [Online]. 7 June 2016. Available from: <http://splash247.com/technology-shift-bringing-an-end-to-shipping-cycles/> Prepare to say goodbye to everything you thought you knew about shipping – that was the conclusion from the morning session of the TradeWinds Shipowners Forum, held at Posidonia in Athens today.

In Depth: On Course for Autonomy - Tanking Glimpse at the (not too Distant) Future. *By Tom Scott.* *World Maritime News* [Online]. 13 June 2016. Available from: <http://worldmaritimeneeds.com/archives/193010/on-course-for-autonomy-taking-a-glimpse-at-the-not-too-distant-future/> The moment when we finally see unmanned ships in our harbours and seas is still some way off.

DNV GL launches new stability analysis tool that puts engineers in control seat. *By Rolf G. S. Buøen.* *DNV GL* [Online]. 21 June 2016. Available from: <https://www.dnvgl.com/news/dnv-gl-launches-new-stability-analysis-tool-that-puts-engineers-in-control-seat-69030> With the latest release of Sesam HydroD software for floating structures, DNV GL is now offering a completely new and pioneering stability analysis solution that allows for hydrodynamic and stability analysis on one common model, giving naval and offshore engineers unprecedented control over their projects.

Rolls-Royce publishes vision of the future of remote and autonomous shipping.

Rolls-Royce [Online]. 21 June 2016. Available from: <http://www.rolls-royce.com/media/press-releases/yr-2016/21-06-2016-rr-publishes-vision-of-the-future-of-remote-and-autonomous-shipping.aspx> The Rolls-Royce led Advanced Autonomous Waterborne Applications Initiative (AAWA) today published a whitepaper to coincide with its presentations at the Autonomous Ship Technology Symposium 2016 in Amsterdam. [Remote & Autonomous Ships: The next steps](#) 

The ocean cleanup unveils first prototype. *The Ocean Cleanup* [Online]. 22 June 2016.

Available from: <http://www.theoceancleanup.com/press/press-releases-show/item/the-ocean-cleanup-unveils-first-prototype/> When installed later this week, the prototype will become the first ocean cleanup system ever tested at sea.

EGCS configurator successfully used in former projects. *Green4Sea* [Online].

24 June 2016. Available from: <http://www.green4sea.com/egcs-configurator-successfully-used-in-former-projects/> The SAACKE GmbH has developed the Exhaust Gas Cleaning System (EGCS) Configurator that allows the optimum design of a scrubber system to be determined in advance.

MARITIME SAFETY

Ship detained for using a drone while transiting Suez Canal. By Sam Chambers.

Splash 24/7 [Online]. 14 June 2016. Available from: <http://splash247.com/ship-detained-for-using-a-drone-while-transiting-suez-canal/> Scandinavian P&I Club Gard has warned its members on the dangers of using drones at sea.

Gard Alert: Drones launched from vessels. *Gard* [Online]. 10 June 2016. Available from:

<http://www.gard.no/web/updates/content/21248558/gard-alert-drones-launched-from-vessels> Shortly after the drone had been launched from a vessel transiting the Suez Canal, the Master was requested by the Canal Authorities (SCA) to drop anchor.

Majority of Global SOLAS Fleet is ECDIS Ready. By Eric Haun. *Maritime Professional*

[Online]. 13 June 2016. Available from: <http://www.maritimeprofessional.com/news/majority-global-solas-fleet-ecdis-291073> The majority of the global SOLAS fleet is now compliant with the SOLAS regulations on ECDIS carriage, according to the latest data published by the United Kingdom Hydrographic Office (UKHO) at Posidonia.


SOLAS to ensure safety of shipping industry. By Lydia Asamoah. *News Ghana* [Online].

17 June 2016. Available from: <https://www.newsghana.com.gh/solas-to-ensure-safety-of-shipping-industry/> Mrs Naa Densua Aryeetey, Head of Shipper Services and Trade Facilitation at the Ghana Shippers Authority (GSA), who announced it said the Convention is making it compulsory for shippers to weigh, certify and declare the weight of stuffed containers prior to their being loaded on board a vessel.

Towards Safety on Waterways in a Congested City. By Francis Ugwoke. *This Day*

(Nigeria) [Online]. 19 June 2016. Available from: <http://www.thisdaylive.com/index.php/2016/06/19/towards-safety-on-waterways-in-a-congested-city-2/> While both federal and state agencies have issued new guidelines on safety to operators to ensure safety of life at sea, their adherence to these regulations leaves much to be desired.

Enhancing fire safety on Ro-Ro decks. *DNV GL* [Online]. 20 June 2016. Available from:

<https://www.dnvgl.com/news/enhancing-fire-safety-on-ro-ro-decks-69059> DNV GL has issued a report on fire incidents in Ro-Ro spaces to address growing safety concerns in this segment and provide guidance to shipowners. [Fires-on-RoRo-decks](#) 

MARITIME SECURITY

Securing the seas. By Paul French. *Splash 24/7* [Online]. 29 May 2016. Available from: <http://splash247.com/securing-the-seas/> Maritime security is an issue nobody operating in today's shipping world can ignore.

Cyber-secure VSAT is needed for shipping. *Hellenic Shipping News* [Online]. 1 June 2016. Available from: <http://www.hellenicshippingnews.com/cyber-secure-vsats-is-needed-for-shipping/> With more ships being connected to broadband internet through VSAT solutions, there is greater need for security to mitigate cyber risks.

Fleet digitalisation comes with greater cyber risks to ship systems. By Martyn Wingrove. *Marine Electronics and Communications* [Online]. 1 June 2016. Available from: http://www.marinemec.com/news/view,fleet-digitalisation-comes-with-greater-cyber-risks-to-ship-systems_43137.htm Within the next 10 years, shipowners, managers and vessel operators will be linking many more of their assets to onshore networks over satellite.

Flag of convenience ships a major security risk in Australian waters, union warns. By Thomas Oriti. *ABC (Australia)* [Online]. 7 June 2016. Available from: <http://www.abc.net.au/news/2016-06-07/flag-of-convenience-ships-continue-to-pose-threat/7487992> Flag of convenience (FoC) shipping is a major security risk along Australia's coastline, the International Transport Workers Federation (ITF) has warned.

EU Mediterranean operations 2016 - Infographic. *Council of the European Union* [Online]. 9 June 2016. Available from: <http://www.consilium.europa.eu/en/policies/migratory-pressures/50000-lives-saved/>

Maritime terrorism a big threat, says Rajnath. *Times of India* [Online]. 16 June 2016. Available from: <http://timesofindia.indiatimes.com/city/mumbai/Maritime-terrorism-a-big-threat-says-Rajnath/articleshow/52776902.cms> Maritime terrorism is a big threat with huge economic implications and the government is carrying out a security audit of all major and non major ports to identify vulnerable points in coastal security, Union Home Minister Rajnath Singh said today.

IMB: Beware commercial impact of cyber attacks. *ICC Commercial Crime Services* [Online]. 16 June 2016. Available from: <https://icc-ccs.org/news/1189-imb-beware-commercial-impact-of-cyber-attacks> The International Maritime Bureau (IMB) is asking shipping and maritime companies to be vigilant to the potential commercial impact that cyber-attacks can cause.

Busy Coast Guards Show Law Needed in South China Sea, Allen Says. By Jason Koutsoukis. *Bloomberg* [Online]. 19 June 2016. Available from: <http://www.bloomberg.com/news/articles/2016-06-19/busy-coast-guards-show-law-needed-in-south-china-sea-allen-says> With non-military actors like coast guards increasingly active in the disputed South China Sea, former U.S. Coast Guard Commandant Thad Allen said international law was becoming even more important to keeping a lid on tensions.

International Fusion Centre tackles ship hijackings. By Razak Ahmad. *The Star (Malaysia)* [Online]. 21 June 2016. Available from: <http://www.thestar.com.my/news/nation/2016/06/21/international-fusion-centre-helps-reduce-sea-hijackings/> When pirates hijack a ship in Asian waters, an international maritime security outfit known as the Information Fusion Centre (IFC) will be among the first to get a full picture on what's happening.

India seeks to purchase drones from US for maritime security. *Indian Express* [Online]. 22 June 2016. Available from: <http://indianexpress.com/article/india/india-news-india/india-seeks-to-purchase-drones-from-us-for-maritime-security-2868258/> India has sent a letter of request (LoR) to the US seeking to purchase patrol drones for protection and vigilance of its maritime assets in the Indian Ocean, sources said.

Maritime Security Experts Weigh in on West Africa. *MarineLink.Com* [Online]. 22 June 2016. Available from: <http://www.marinelink.com/news/maritime-security-experts411631.aspx> Maritime operations in West Africa are affected by threats from piracy and other maritime crime.

MARITIME TRAINING

SLASPA Maritime Affairs Division Launches Crew Certification Training Program. *Saint Lucia Air and Sea Ports Authority (SLASPA)* [Online]. 1 June 2016. Available from: <http://www.slaspa.com/news/view/slaspa-maritime-affairs-division-launches-crew-certification-training-program> The Saint Lucia Air and Sea Ports Authority (SLASPA), through the Division of Maritime Affairs, will be commencing the certification of crew onboard commercial vessels, operating within Saint Lucian waters.

Training overseas for Marine and Ports staff. *Royal Gazette (Bermuda)* [Online]. 7 June 2016. Available from: <http://www.royalgazette.com/news/article/20160607/training-overseas-for-marine-and-ports-staff> Training is proposed for more than 70 employees who operate vessels, including captains, engine drivers and leading seamen.

New centre aims to reduce enclosed spaces deaths. By Ines Nastali. *Marine Professional / IMarEST* [Online]. 16 June 2016. Available from: <http://www.imarest.org/themarineprofessional/item/2468-new-centre-aims-to-reduce-enclosed-spaces-deaths> A new centre has been built at South Shields Marine School in response to a significant number of accidents in the merchant navy caused by a lack of awareness of the dangers of entering enclosed spaces on board ships.

Marine safety training provider opens new Devon centre. By Olivier Vergnault. *The Herald (UK)* [Online]. 16 June 2016. Available from: <http://www.plymouthherald.co.uk/marine-training-provider-opens-new-devon-centre/story-29409769-detail/story.html> 🚢 Operating from the Paignton Enterprise Centre, STCW Training has excellent access to water based training facilities and superb connections with Torbay's Harbour Authority and the Torbay and South Devon Marine sector.

USMMA Suspends Shipboard Training Program. *Maritime Executive* [Online]. 16 June 2016. Available from: <http://www.maritime-executive.com/article/breaking-usmma-suspends-shipboard-training-program> 🚢 The United States Merchant Marine Academy released a statement Thursday indicating that the academy is suspending training on working merchant vessels until "it is assured that [Midshipmen's] training will be carried out in a safe environment."

Information on Sea Year Stand Down. *US Merchant Marine Academy (USMMA)* [Online]. 19 June 2016. Available from: <https://www.usmma.edu/about/communications/information-sea-year-stand-down> Sea Year is and will remain a core element of the Academy's academic program, and we are taking action to improve the Midshipman training and experience.

Bernhard Schulte Shipmanagement enhances training hub in Cyprus with installation of Full Mission Bridge and Engine Room Simulators. *Hellenic Shipping News* [Online].

22 June 2016. Available from: <http://goo.gl/UhPiAF> This state-of-the-art technology is the only one of its kind in Cyprus and will allow BSM to offer unparalleled training for the career development of its own officers, as well as external training for participants in the region.

19 young Seychellois to undergo pre-sea training in Sri Lanka. *Seychelles Nation* [Online].

28 June 2016. Available from: <http://www.nation.sc/article.html?id=249989> A third group of Seychellois seafarers left for the Colombo International Nautical and Engineering College (Cinec) in Sri Lanka over the weekend to follow a pre-sea training.


MIGRANTS

Mediterranean death toll soars as 204,000 cross in first 5 months of 2016.

United Nations High Commissioner for Refugees (UNHCR) [Online]. 31 May 2016.

Available from: <http://www.unhcr.org/news/briefing/2016/5/574d564c4/unhcr-concern-high-death-toll-204000-cross-mediterranean-first-5-months.html> A series of shipwrecks and capsizings last week on the Mediterranean now appears to have claimed at least 880 lives, according to new information we have received through interviews of survivors in Italy.

Migrants rescued adrift on new Greece-Italy sea route. *Euronews* [Online]. 31 May 2016.

Available from: <http://www.euronews.com/2016/05/31/migrants-rescued-adrift-on-new-greece-italy-sea-route/>  A group of 29 migrants including two children have been rescued off the Greek island of Lefkada en route for Italy.

No longer just a job: the unlikely crew saving lives. *The Local (Italy)* [Online]. 31 May 2016.


Available from: <http://www.thelocal.it/20160531/no-longer-just-a-job-the-unlikely-crew-saving-lives-in-the-med> They are unlikely members of the same crew: career seamen for whom it was initially just another job and landlubber humanitarian workers trying to make the world a better place.

UN children's agency 'alarmed' at refugee and migrant deaths in the Mediterranean.

UN News Centre [Online]. 30 May 2016. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=54087> The United Nations Children's Fund (UNICEF) has expressed alarm at the number of migrant and refugee deaths in the past week in the Central Mediterranean, many of whom were believed to be unaccompanied minors.

Migrant boat rescue: Two Britons charged over Channel incident. By Simon Jones.

BBC News [Online]. 30 May 2016. Available from: <http://www.bbc.co.uk/news/uk-36412728>  Two British men have appeared in court charged with immigration offences after a boat carrying 20 people was rescued off the Kent coast on Sunday.

Mediterranean Migrant Arrivals in 2016: 204,311; Deaths 2,443.

International Organization for Migration (IOM) [Online]. 31 May 2016. Available from:

<http://www.iom.int/news/mediterranean-migrant-arrivals-2016-204311-deaths-2443> IOM reports an estimated 204,311 migrants and refugees entered Europe by sea in 2016 through 30 May, arriving in Italy, Greece, Cyprus and Spain.

Mediterranean death toll soars in first 5 months of 2016. By Adrian Edwards and Medea Savary. *United Nations High Commissioner for Refugees (UNHCR)* [Online]. 31 May 2016.

Available from: <http://www.unhcr.org/news/latest/2016/5/574db9d94/mediterranean-death-toll-soars-first-5-months-2016.html> UNHCR says series of shipwrecks and capsizings last week now appears to have claimed at least 880 lives.

Cornwall gets Border Force hub to tackle illegal immigrant smuggling on South West coast. By David Wells. *The Herald (UK)* [Online]. 31 May 2016. Available from: <http://www.plymouthherald.co.uk/Cornwall-gets-Border-Force-hub-tackle-illegal/story-29341694-detail/story.html> 📰 A maritime co-ordination hub is to be set up in Cornwall over the summer to help Border Force officials to patrol the UK's coastline and tackle the smuggling of illegal immigrants into the country.

Dozens arrested for massive document forgery and migrant smuggling. *EUROPOL* [Online]. 31 May 2016. Available from: <https://www.europol.europa.eu/content/dozens-arrested-massive-document-forgery-and-migrant-smuggling> With the support of Europol, 16 persons suspected of forgery of documents on a large scale and the smuggling of irregular migrants have been arrested in Greece, and 3 in the Czech Republic.

Italy's 'floating hotspot' idea to sink in legal waters. By Nikolaj Nielsen. *EU Observer* [Online]. 2 June 2016. Available from: <https://euobserver.com/migration/133659> A plan to process migrants in boats in the Mediterranean Sea in so-called floating hotspots will face big legal hurdles.

Not all those refugees are boarding ships voluntarily. Some are victims of extortion. *Public Radio International (PRI)* [Online]. 31 May 2016. Available from: <http://www.pri.org/stories/2016-05-31/not-all-those-refugees-are-boarding-ships-voluntarily-some-are-victims-extortion> 📰 Migrants boarding the legions of flimsy ships crossing the Mediterranean are not all making the journey by choice. Interview: Joel Millman of International Organization for Migration (IOM).

Greece rescues hundreds of migrants in sinking off Crete, recovers four bodies. **By George Georgiopoulos and Angeliki Koutantou.** *Reuters* [Online]. 3 June 2016. Available from: <http://www.reuters.com/article/us-europe-migrants-greece-idUSKCN0YP0YL> Hundreds of migrants were rescued from a sinking ship on Friday in a massive operation in the southern Mediterranean off the island of Crete, the Greek coastguard said, but four bodies were also recovered.

Mediterranean Migrant Deaths Spike in May. *International Organization for Migration (IOM)* [Online]. 2 June 2016. Available from: <https://weblog.iom.int/mediterranean-migrant-deaths-spike-may> May 25 to May 31 marked the deadliest week in the Mediterranean Sea so far this year: 1,083 migrants are estimated to have died or gone missing in nine separate incidents.

'Race against time' to save migrants adrift on the Mediterranean Sea. By Ellen Mauro. *Canadian Broadcasting Corporation (CBC)* [Online]. 5 June 2016. Available from: <http://www.cbc.ca/news/world/migrant-mediterranean-sea-rescue-europe-1.3612264> The first distress call comes in at around 6 a.m. with the grim news that several boats are in trouble in the southern reaches of the Mediterranean Sea.

UK Border Force detains three people trying to cross Channel in boat. By Damien Gayle. *The Guardian* [Online]. 8 June 2016. Available from: <https://www.theguardian.com/uk-news/2016/jun/08/uk-border-force-detains-three-people-trying-cross-channel-in-boat> Border Force officers have detained three people as they tried to cross the Channel in a small boat, in the latest example of suspected migrants trying to make their way to Britain by sea.

Suspected human trafficking kingpin extradited from Sudan to Italy.

By Wladimir Pantaleone. *Reuters* [Online]. 8 June 2016. Available from:

<http://uk.reuters.com/article/uk-europe-migrants-italy-smuggler-idUKKCN0YU0S7> 

An Eritrean man suspected of running a huge human trafficking network that sent thousands of migrants to Europe, leaving many to die on the way, was extradited from Sudan to Italy overnight, officials said.

IOM Fears 320 Migrants Missing in Mediterranean as Deaths Approach 3,000 in 2016.


International Organization for Migration (IOM) [Online]. 7 June 2016. Available from:

<http://www.iom.int/news/iom-fears-320-migrants-missing-mediterranean-deaths-approach-3000-2016> IOM reports an estimated 206,400 migrants and refugees entered Europe by sea in 2016 through 5 June, arriving in Italy, Greece, Cyprus and Spain.

UN chief to meet refugees in Lesbos. *France 24* [Online]. 9 June 2016. Available from:

<http://www.france24.com/en/20160609-un-chief-meet-refugees-lesbos> UN Secretary-General Ban Ki-moon will travel to the Greek island of Lesbos next week to meet with refugees and draw global attention to their plight.

20 Questions exposing the African Economic Migrant Narrative to the Maritime Community. *Human Rights at Sea (HRAS)* [Online]. 13 June 2016. Available from:

<https://www.humanrightsatsea.org/20-questions-exposing-the-african-economic-migrant-narrative-to-the-maritime-community/> Following extensive field research in the Sahel, Africa, Human Rights at Sea releases its latest international publication exposing the real-life stories behind the reasoning why African migrants leave their home and risk all to travel north through the Sahel and Sahara to attempt the Mediterranean crossing, often with fatal consequences. [20 Questions exposing the African Economic Migrant Narrative to the Maritime Community.](#) 

Italy's coast guard says over 1,300 migrants rescued at sea. *By Valentina Za. Reuters*

[Online]. 12 June 2016. Available from: <http://www.reuters.com/article/us-italy-migrants-rescue-idUSKCN0YX0MI> Italy's coast guard said on Saturday it had picked up at sea 1,348 migrants in 11 rescue operations between Sicily and North Africa, bringing the total number of people saved over the past three days to more than 3,000.

'Iranian nationals' rescued in English Channel. *BBC News* [Online]. 11 June 2016.

Available from: <http://www.bbc.co.uk/news/uk-england-36506957> A rescue operation got under way to save the men after Dover coastguard received an alert at about 09:30 BST to the three-metre white dinghy off Hastings.

Mediterranean Migrant Arrivals in 2016: 207,260; Deaths 2,856.

International Organization for Migration (IOM) [Online]. 10 June 2016. Available from:

<http://www.iom.int/news/mediterranean-migrant-arrivals-2016-207260-deaths-2856> IOM reports an estimated 207,260 migrants and refugees entered Europe by sea in 2016 through 8 June, arriving in Italy, Greece, Cyprus and Spain.

Migrants determined to brave the English Channel. *By Richard Galpin. BBC News*

[Online]. 9 June 2016. Available from: <http://www.bbc.co.uk/news/world-europe-36482977> 

Hidden behind a large sports centre in a nondescript suburb of Cherbourg, lies a makeshift migrant camp which is home to a group of Afghans who had believed the port here was the answer.

The EU and Africa: a deal set to push more young people on to the boats. By Marije Balt. *EurActiv* [Online]. 14 June 2016. Available from: <http://www.euractiv.com/section/development-policy/opinion/tues-the-eu-and-africa-a-deal-set-to-push-more-young-people-on-to-the-boats/> The new EU migration partnerships with African governments risk strengthening autocratic regimes and exacerbating violence, repression and corruption, argues Marije Balt.

Fatal Journeys, Vol. 2 - New Global Report from IOM. *International Organization for Migration (IOM)* [Online]. 14 June 2016. Available from: <http://www.iom.int/news/fatal-journeys-vol-2-new-global-report-iom> IOM reports in the latest edition of its publication Fatal Journeys Volume 2: Identification and Tracing of Dead and Missing Migrants that over 60,000 migrants are estimated to have died or gone missing on sea and land routes worldwide since 1996.

Fatal Journeys Volume 2: Identification and tracing of dead and missing migrants. *International Organization for Migration (IOM)* [Online]. 14 June 2016. Available from: <https://publications.iom.int/books/fatal-journeys-volume-2-identification-and-tracing-dead-and-missing-migrants> Over 5,400 people are estimated to have lost their lives on migratory routes around the world in 2015, and the first half of 2016 has only seen the numbers increase.

Greece says migrant boat sailing safely despite distress signal. By Angeliki Koutantou. *Reuters* [Online]. 13 June 2016. Available from: <http://uk.reuters.com/article/uk-europe-migrants-greece-boat-idUKKCN0YZ15Q> A boat carrying about 200 migrants which had sent out a distress signal off Crete on Monday was spotted safe and sailing to Italy, the Greek coast guard said.


Central MED remained under migratory pressure in May. *Frontex* [Online]. 15 June 2016. Available from: <http://frontex.europa.eu/news/central-med-remained-under-migratory-pressure-in-may-9Wtxug> The number of migrants arriving in Italy in the first five months of this year was roughly in line with the same period of 2015.

Dutch ship rescues nearly 200 migrants in Mediterranean. By Anthony Deutsch. *Reuters* [Online]. 15 June 2016. Available from: <http://in.reuters.com/article/europe-migrants-netherlands-idINKCN0Z11G7> A Dutch marine ship in the EU border agency Frontex rescued nearly 200 migrants on a sinking ship in the Mediterranean, the Defence Ministry said on Wednesday.

Indonesia says 44 migrants must sail on after being resupplied. By Angie Teo and Kanupriya Kapoor. *Reuters* [Online]. 17 June 2016. Available from: <http://www.reuters.com/article/us-indonesia-migrants-idUSKCN0Z3142> Indonesian authorities have stopped 44 migrants believed to be from Sri Lanka from disembarking from their boat and said on Friday the vessel had to head back out to sea after being supplied with food and fuel and repaired.

LÉ Róisín rescues 111 migrants and recovers two bodies. *Defence Forces Ireland* [Online]. 16 June 2016. Available from: <http://www.military.ie/naval-service/news-and-events/single-view/article/16-june-2016-le-roisin-rescues-111-migrants-and-recovers-two-bodies/?cHash=31b72098a0c1ae960a181779fcdad1cd> Earlier this morning, following a request from the Italian Maritime Rescue Co-ordination Centre, the LÉ Róisín has successfully located and rescued a total of 111 migrants from a long rubber vessel located 37 Nautical Miles NW of Tripoli.

Europe / Mediterranean - Migration Crisis Response Situation Report | 16 June 2016. *International Organization for Migration (IOM)* [Online]. 20 June 2016. Available from: <http://www.iom.int/sitreps/europe-mediterranean-migration-crisis-response-situation-report-16-june-2016>

'Lighthouse for Lampedusa' erected on Brussels skyline. By Matthew Tempest. EurActiv [Online]. 20 June 2016. Available from: <http://www.euractiv.com/section/global-europe/news/lighthouse-for-lampedusa-erected-on-brussels-skyline/>  The work - by German artist Thomas Kilpper - was installed on the roof of the Bozar (Museum of Fine Arts) art complex in the heart of the Belgian capital, in the shadow of the Royal Palace and across from the Palace of Justice.

Mediterranean Migrant Arrivals in 2016: 214,691; Deaths: 2,861.

International Organization for Migration (IOM) [Online]. 21 June 2016. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-2016-214691-deaths-2861> IOM reports an estimated 214,691 migrants and refugees entered Europe by sea in 2016 through 19 June, arriving in Italy, Greece, Cyprus and Spain. Deaths so far this year are 2,861 compared with 1,838 through the first six months of 2015.


Mediterranean Migrant Arrivals in 2016: 214,861; Deaths: 2,861.

International Organization for Migration (IOM) [Online]. 24 June 2016. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-2016-214861-deaths-2861> IOM reports an estimated 214,861 migrants and refugees entered Europe by sea in 2016 through 22 June, arriving in Italy, Greece, Cyprus and Spain.

Boat migrant rescues surge as calm seas return to Mediterranean. By Darrin Zamit Lupi.

Reuters [Online]. 24 June 2016. Available from: <http://www.reuters.com/article/us-europe-migrants-italy-idUSKCN0Z91NG> Ships manned by humanitarian organizations, the Italian navy and coast guard helped rescue about 4,500 boat migrants on Thursday as calm seas returned to the Mediterranean, prompting a surge in departures from North Africa.

Italy rescues over 3,300 migrants over weekend. By Giulia Segreti. Reuters [Online].

26 June 2016. Available from: <http://www.reuters.com/article/us-europe-migrants-idUSKCN0ZC0ZZ>  Italian coastguard and navy ships rescued over 3,300 migrants in 26 separate operations in the Mediterranean over the weekend, a spokesperson for the Italian navy told Reuters on Sunday.

In Paris, Ban calls for 'humane solution' for refugees and migrants. UN News Centre

[Online]. 25 June 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54323> In Paris today, United Nations Secretary-General Ban Ki-moon called on the countries of Europe as well as the international community at large to work towards a compassionate and humane solution to the problem of refugees and migrants, emphasizing that he counts on the European Union and Britain to continue as strong partners of the UN on development and humanitarian issues.

More than 2,000 migrants rescued at sea : Italy coast guard. By Steve Scherer. Reuters

[Online]. 24 June 2016. Available from: <http://www.reuters.com/article/us-eu-migrants-italy-idUSKCN0ZA2TI> Ship crews pulled more than 2,000 migrants from overcrowded boats in the Mediterranean on Friday, Italy's coastguard said, as people smugglers stepped up operations during two consecutive days of good weather.

Migration: The people behind the numbers. By Antonio López-Istúriz. EurActiv [Online].

24 June 2016. Available from: <http://www.euractiv.com/section/global-europe/opinion/migration-the-people-behind-the-numbers/> Almost 4,000 lives have been lost in the Mediterranean Sea.

Italy raises wreck of migrant boat that sank, killing hundreds, in 2015. By Isla Binnie.

Reuters [Online]. 29 June 2016. Available from: <http://www.reuters.com/article/us-europe-migrants-shipwreck-recovery-idUSKCN0ZF0Y7> 🗞️ Italy has begun raising the wreck of a fishing boat that sank in April 2015, drowning hundreds of migrants packed on board, its navy said on Wednesday.

Mediterranean Migrant Arrivals in 2016: 222,291; Deaths: 2,888.

International Organization for Migration (IOM) [Online]. 28 June 2016. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-2016-222291-deaths-2888> IOM reports an estimated 222,291 migrants and refugees entered Europe by sea in 2016 through 26 June, arriving in Italy, Greece, Cyprus and Spain.

NAVIGATION AND COMMUNICATIONS

China promotes int'l development of homegrown navigation satellite system: white paper.

China Daily.Com [Online]. 16 June 2016. Available from: http://europe.chinadaily.com.cn/china/2016-06/16/content_25731470.htm China has been promoting international satellite navigation applications and will push forward the international development of China's BeiDou Navigation Satellite System (BDS), said a white paper issued on Thursday.

New inter-vessel communications successfully tested. By Martyn Wingrove.

Marine Electronics and Communications [Online]. 15 June 2016. Available from: http://www.marinemec.com/news/view/intervessel-communication-system-tested-on-autonomous-vehicles_43342.htm Four autonomous units – an unmanned aerial vehicle (UAV), an unmanned surface vessel (USV), an autonomous underwater vehicle (AUV), and a tethered relay balloon – were guided from a mother ship in various tasks.

PIRACY

Chinese navy ships in Tanzania share counter-piracy experience. Xinhuanet (China)

[Online]. 31 May 2016. Available from: http://news.xinhuanet.com/english/2016-05/31/c_135400049.htm Three Chinese navy ships on Monday docked at Tanzania's Dar es Salaam Port for a four-day visit, aimed at sharing experience with their Tanzanian counterparts in how to curb piracy in the Indian Ocean.

A riddle: If pirate attacks drop to zero, should Contact Group on Piracy still exist?

By Patsy Athanase and Betymie Bonnelame. *Seychelles News Agency* [Online].

31 May 2016. Available from:

<http://www.seychellesnewsagency.com/articles/5276/A+riddle+If+pirate+attacks+drop+to+zero.+should+Contact+Group+on+Piracy+still+exist> If pirate attacks off the coast of Somalia have dropped to nearly zero, does the international community still need a Contact Group on Piracy? That group is meeting in Seychelles this week to discuss that very issue.

ISWAN launches good practice guide on the humanitarian response to piracy.

International Seafarers' Welfare and Assistance Network (ISWAN) [Online]. 6 June 2016.

Available from: <http://seafarerswelfare.org/news-and-media/latest-news/iswan-launches-good-practice-guide-on-the-humanitarian-response-to-piracy> Seafarers continue to be the targets of pirates and armed robbers, with around 100 held captive ashore by various groups in different parts of the world at the moment.

Good Practice Guide for Shipping Companies and Manning Agents.

International Seafarers' Welfare and Assistance Network (ISWAN) [Online]. June 2016.

Available from:

http://seafarerswelfare.org/index.php?option=com_k2&Itemid=32&id=115_e0bef2011d5606cb167b3a2fc725990c&lang=en&task=download&view=item 

Despite diplomatic, military and other initiatives by governments and their agencies, and protective measures and other actions adopted by shipping companies, ships are still attacked and seafarers put at risk as they go about their legitimate business.

ReCAAP: Asian Piracy at Lowest Level in Four Years. *Maritime Executive* [Online].

8 June 2016. Available from: <http://www.maritime-executive.com/article/recaap-asian-piracy-at-lowest-level-in-four-years>

ReCAAP had good news for maritime security in its May report released Wednesday: only eight incidents of piracy and armed robbery against ships were reported in Asia for the month, down 65 percent from May last year.

ReCAAP ISC Monthly Report May 2016. *ReCAAP* [Online]. June 2016. Available from:

<http://goo.gl/SLDQkG> 

Armed Robbers Board Anchored Vessel off Indonesia. *World Maritime News* [Online].

17 June 2016. Available from: <http://worldmaritimeweb.com/archives/195137/armed-robbers-board-anchored-vessel-off-indonesia/>

An anchored heavy lift carrier was boarded by four robbers armed with guns off Batu Ampar, Batam Island, Indonesia, according to data released by International Maritime Bureau's Piracy Reporting Centre (IMB PRC).

Three Southeast Asian nations to designate shipping corridor in piracy battle.

Hellenic Shipping News [Online]. 21 June 2016. Available from:

<http://www.hellenicshippingnews.com/three-southeast-asian-nations-to-designate-shipping-corridor-in-piracy-battle/>

Indonesia, Malaysia and the Philippines agreed to designate a transit corridor for commercial vessels crossing a maritime zone hit by a spate of hijackings by Islamist militants in the southern Philippines.

Japan Extends Anti-Piracy Mission off Somalia For Another Year. *By Franz-Stefan Gady.*

The Diplomat [Online]. 22 June 2016. Available from: <http://thediplomat.com/2016/06/japan-extends-anti-piracy-mission-off-somalia-for-another-year/>

Last week, Japanese Defense Minister Gen Nakatani announced that the Japanese government has extended Japan's participation in a multinational counter-piracy mission in the Gulf of Yemen and off the coast of Somalia by another year.

PORT STATE CONTROL

Paris MoU agrees on a concentrated inspection campaign on MARPOL Annex VI in 2018.

Paris MoU on Port State Control [Online]. 30 May 2016. Available from:

<https://www.parismou.org/paris-mou-agrees-concentrated-inspection-campaign-marpol-annex-vi-2018>


The Paris Memorandum of Understanding on Port State Control (Paris MoU) held its 49th Committee meeting in Haugesund, Norway.

Rising U.S. Detentions Not Related to Vessel Age. *Maritime Executive* [Online]. 3 June 2016.

Available from: <http://www.maritime-executive.com/article/rising-us-detentions-not-related-to-vessel-age>

The U.S. Coast Guard has released its Port State Control Annual Report noting the number of detentions rose from 143 in 2014 to 202 in 2015, the highest since 1998.

Port State Control in the United States: 2015 Annual Report. *US Coast Guard* [Online]. June 2016. Available from:



https://www.uscg.mil/hq/cgcv/cvc2/psc/annual_report/annualrpt15.pdf  As we look forward, and to help reduce the environmental footprint, you can expect the Coast Guard to be more focused on MARPOL Annex I enforcement.

Foreign flagged ships under detention in the UK during May 2016.

UK Maritime & Coastguard Agency [Online]. 8 June 2016. Available from:

<https://www.gov.uk/government/news/foreign-flagged-ships-under-detention-in-the-uk-during-may-2016> During May, there were three new detentions of foreign flagged vessels in a UK port.

New performance lists Paris MoU. *Paris MoU on Port State Control* [Online]. 8 June 2016.

Available from: <https://www.parismou.org/new-performance-lists-paris-mou-0> At its 49th meeting last month, the Paris MoU Committee approved the 2015 inspection results and adopted new performance lists for flags and Recognized Organizations. [Flag performance list 2015](#)  [Recognized Organization performance table 2013-2015](#) 

PORTS AND HARBOURS

Tale of two ports. *Port Strategy* [Online]. 27 May 2016. Available from:

<http://www.portstrategy.com/news101/world/africa/tale-of-two-ports> Ghana has experienced rapid container traffic growth in recent years, with volumes peaking at close to 895,000 teu in 2015.

Interview: Who Will Gain the Most from Expanded Panama Canal? By Rahul Sharan, Drewry's shipping analyst. *World Maritime News* [Online]. 30 May 2016. Available from:

<http://worldmaritimeneeds.com/archives/193245/interview-who-will-gain-the-most-from-expanded-panama-canal/> The container shipping sector is bracing for a major impact from the long-awaited opening of the expanded Panama Canal, scheduled to take place on June 26, 2016.

APM Terminals Bahrain invests in Safety and intelligent IT systems. *APM Terminals*

[Online]. 30 May 2016. Available from: <http://www.apmterminals.com/en/news/press-releases/2014/12/bahrain-invests-safety-and-intelligent-IT> APM Terminals Bahrain, operators of Khalifa bin Salman Port (KBSP), has recently made significant advances in Safety performance and information technology systems, including the successful completion of a Load Collision Prevention System (LCPS) pilot project scheduled to be implemented throughout the APM Terminals Global Terminal Network.

French refineries, some ports still disrupted; strike spread. *Bunkerworld* [Online].

1 June 2016. Available from: <http://www.bunkerworld.com/news/French-refineries-some-ports-still-disrupted-strike-spreads-141830> French refineries and ports continued to face disruption Wednesday as the strike called by the CGT union against changes in labor legislation entered its second week and is also spreading into other sectors, including the railways, metro and air-traffic control.

ESPO launches Code of Good Practices for Cruise and Ferry Ports.

European Sea Ports Organization (ESPO) [Online]. 2 June 2016. Available from:

<http://www.espo.be/news/espo-launches-code-of-good-practices-for-cruise-an> This code has been developed by ESPO together with Cruise Baltic, Cruise Europe, Cruise Norway, MedCruise and Cruise Britain, who since September 2014 have been part of the Cruise and Ferry Port Network.

Minister calls for Increased Cooperation to Improve Port Security. By Latonya Linton.

Jamaica Information Service [Online]. 2 June 2016. Available from: <http://jis.gov.jm/minister-calls-increased-cooperation-improve-port-security/> Minister of National Security, Hon. Robert Montague, says there needs to be increased cooperation between Jamaica and the United States (US), in order to improve the maritime and port security environment.

Panama Canal Receives Report of Functional Completion of Third Set of Locks.

Panama Canal Authority [Online]. 2 June 2016. Available from: <https://www.pancanal.com/eng/pr/press-releases/2016/06/02/pr589.html> On Wednesday, June 1, the Panama Canal Authority (ACP) was informed by its contractor Grupo Unidos por el Canal, S.A. (GUPEC) that the Third Set of Locks have officially passed all performance tests and are now functionally completed to allow a safe, efficient and reliable operation of the new locks in accordance with the provisions of the contract.

U.S. Coast Guard, Republic of Singapore partner to improve port security.

US Coast Guard Newsroom [Online]. 6 June 2016. Available from: <http://www.uscgnews.com/go/doc/4007/2839158/> A U.S. Coast Guard International Port Security team completed a bilateral engagement with the Republic of Singapore officials in May.

PoS Port too small for Panamax ships. By Nadaleen Singh. *Guardian (Trinidad and Tobago)* [Online]. 11 June 2016. Available from: <http://www.guardian.co.tt/business/2016-06-11/pos-port-too-small-panamax-ships> Planned expansion of the Port of Port-of-Spain will not be completed in time to gain revenue when the Panama Canal is inaugurated at the end of this month.

Interview: Clamping Down on US Port Emissions. By Kurt Nagle, President and CEO, American Association of Port Authorities. *World Maritime News* [Online]. 13 June 2016. Available from: <http://worldmaritimenews.com/archives/194667/interview-clamping-down-on-us-port-emissions/> As the world tries to set up targets to cut emissions, we look at what shipping sectors are doing..

Cloud Computing Arrives for Port Agents. By Lars Fischer, Managing Director Softship Data Processing Ltd. *Maritime Executive* [Online]. 13 June 2016. Available from:

<http://www.maritime-executive.com/features/cloud-computing-arrives-for-port-agents>

The days of large shipping companies specifying, commissioning and developing bespoke software systems are almost behind us.

India Carries Out Port Security Audits. *Maritime Executive* [Online]. 16 June 2016.

Available from: <http://www.maritime-executive.com/article/india-carries-out-port-security-audits> India's Home Minister Rajnath Singh called Thursday for intensified efforts to secure the nation's ports and coastal waterways against terrorist infiltration and attack.

TT Talk - Reflections on port safety for dangerous goods. *TT Club* [Online]. 15 June 2016.

Available from: <http://www.ttclub.com/loss-prevention/tt-talk/article/tt-talk-reflections-on-port-safety-for-dangerous-goods-135375/> The explosion at Tianjin Port last August should be seen as a spectacular example of why those operating throughout the global supply chains should examine their work practices and risk policies more thoroughly.

Panama Canal Expansion: Global Impact. *Port Technology International* [Online].

22 June 2016. Available from:

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

The Panama Canal is a trade lane that has been serving global shipping lines for over a century, and the expanded canal raises many key queries around the potential reformation of trade flows to the US East Coast (USEC) and US West Coast (USWC) of the US, as well as on regional shipping networks.

Union talks and safety fears hit opening of new canal. By Eric Martin and Adam Corbett.

TradeWinds [Online]. 23 June 2016. Available from:

<http://www.tradewindsnews.com/weekly/765617/union-talks-and-safety-fears-hit-opening-of-new-canal>

The Panama Canal Authority (ACP) remains locked in negotiations with tug officers and engineers' unions on the eve of inaugurating the waterway's expansion.

Port Operations and Safety Discussion Agreement Clears FMC Regulatory Review.

US Federal Maritime Commission [Online]. 27 June 2016. Available from:

<http://www.fmc.gov/NR16-10/> This new discussion agreement will guarantee shippers a flexible approach to meet new International Maritime Organization (IMO) requirements for the provision of container weights at six U.S. Atlantic and Gulf Coast ports.

RECYCLING OF SHIPS

Maersk and Advocates Debate Shipbreaking Options. By Paul Benecki.

Maritime Executive [Online]. 28 May 2016. Available from: [http://www.maritime-](http://www.maritime-executive.com/features/maersk-and-advocates-debate-shipbreaking-options)

[executive.com/features/maersk-and-advocates-debate-shipbreaking-options](http://www.maritime-executive.com/features/maersk-and-advocates-debate-shipbreaking-options) Seventy percent of the world's obsolete ships are scrapped at beaching yards in South Asia, but only a handful of these facilities are certified to the standards of the Hong Kong Convention (HKC), which requires measures to ensure worker safety and reduce environmental impact.

Asian Shipowners' Association raises concerns over potential EU port levy.

By Esther Ng. *Bunkerworld* [Online]. 30 May 2016. Available from:

<http://www.bunkerworld.com/news/Asian-Shipowners-Association-raises-concerns-over-potential-EU-port-levy-141806>

The Asian Shipowners' Association has called for the ratification of the Hong Kong Convention, and is in talks with the International Chamber of Shipping and the European Community Shipowners' Associations, or ECSA, on the EU's proposal to potentially introduce a levy on all ships entering EU ports to incentivize shipowners to recycle their ships in an environmentally friendly way.

Interview: Most Ship Owners Still Opt for Worst Yards. By Patrizia Heidegger, NGO

Shipbreaking Platform's Executive Director. *World Maritime News* [Online]. 6 June 2016.

Available from: <http://worldmaritimenews.com/archives/193935/interview-most-ship-owners-still-opt-for-worst-yards/>

In light of the overcapacity issue currently causing the majority of woes in the shipping industry, this year could be the busiest year on record in ship recycling, as the total amount of scrapped tonnage in 2016 is likely to increase to some 40 million dwt, compared to 30 million dwt which were demolished in 2015, according to BIMCO's forecasts.

NGOs: Maersk 'Undermining Its Reputation ' With Alang Shipbreaking Plans.

By Mike Schuler. *gCaptain* [Online]. 7 June 2016. Available from: [https://gcaptain.com/ngos-](https://gcaptain.com/ngos-maersk-undermining-its-reputation-with-alang-shipbreaking-plans/)

[maersk-undermining-its-reputation-with-alang-shipbreaking-plans/](https://gcaptain.com/ngos-maersk-undermining-its-reputation-with-alang-shipbreaking-plans/) Shipping giant Maersk Group has been called out by a coalition of NGOs over its decision to start sending more of its end-of-life vessels to shipbreaking yards in Alang, India where ships continue to be dismantled using the beaching method.

Maersk says EC should be 'more realistic' in its guidelines for greener ship scrapping.

By Gavin van Marle. *The Loadstar* [Online]. 8 June 2016. Available from:

<http://theloadstar.co.uk/maersk-says-ec-should-be-more-realistic-in-its-guidelines-for-greener-ship-scrapping/> Maersk Line has responded to criticism from an environmental group accusing it of using flags of convenience to bypass EC guidelines on ship scrapping.

China's ship-breaking industry swimming through troubled waters. By Zhong Nan.

China Daily.Com [Online]. 12 June 2016. Available from:

http://www.chinadaily.com.cn/business/2016-06/13/content_25687870.htm In 2014, the ship recycling industry was grey; it turned black in 2015; but, this year, it will go blood red.

First green ship recycling certificate awarded by RINA in India. RINA Services S.p.A.

[Online]. 13 June 2016. Available from: <http://www.rina.org/en/news?item=128> In line with the growing interest in green recycling, RINA Services recently awarded its first ISO 30000:2009 certificate and HKC Statement of Compliance (SoC) in Alang, India to Shubh Arya Steel, on 28th April 2016.

Responsible recycling in Alang should be supported rather than dismissed.

European Community Shipowners' Associations (ECSA) [Online]. 10 June 2016.

Available from: <http://www.ecsa.eu/9-latest-news/260-responsible-recycling-in-alang-should-be-supported-rather-than-dismissed> ECSA has recently returned from a study trip to Alang, India to witness first-hand the important investments made in a number of ship recycling yards to ensure compliance with the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships.

Government to amend Shipbreaking Code; invites stakeholders comments.

Economic Times (India) [Online]. 16 June 2016. Available from:

<http://economictimes.indiatimes.com/industry/transportation/shipping/-transport/government-to-amend-shipbreaking-code-invites-stakeholders-comments/articleshow/52783432.cms>

Government has decided to amend the Shipbreaking Code, 2013, to address issues like disposal of radioactive materials and oil spills.

NGO Shipbreaking Platform presents Annual Report 2015. NGO Shipbreaking Platform

[Online]. 31 May 2016. Available from: <http://www.shipbreakingplatform.org/platform-news-ngo-shipbreaking-platform-presents-annual-report-2015/> [Annual Report 2015](#) 

Green shipbreaking yards underutilised. By Ines Nastali. Marine Professional / IMarEST

[Online]. 29 June 2016. Available from:

<http://www.imarest.org/themarineprofessional/item/2488-green-shipbreaking-yards-underutilised>

The capacity of environmentally sound ship breaking facilities in Europe and elsewhere is being wasted.

Surge of fatal accidents in Chittagong. NGO Shipbreaking Platform [Online]. 27 June 2016.

Available from: <http://www.shipbreakingplatform.org/platform-news-surge-of-fatal-accidents-in-chittagong/> At least five shipbreaking workers have been killed and five more severely injured in a series of fatal accidents in Bangladesh in one month only.

REGULATIONS

PODCAST: Confused? Find out what the experts say about VGM. By Gavin van Marle.

The Loadstar [Online]. 27 May 2016. Available from: <http://theloadstar.co.uk/podcast-verified-gross-mass-round-table/> Nothing has caused as much debate in liner shipping circles in recent months as the International Maritime Organization's amendments to SOLAS regulations, which are due to come into force on 1 July and will see shippers mandated to provide shipping lines with the verified gross mass of their containers before they can be loaded onto a vessel.

PODCAST

Balancing the possible and the practical in regulation. By Paul Fanning.

Marine Propulsion & Auxiliary Machinery [Online]. 1 June 2016. Available from: http://www.mpropulsion.com/news/view/balancing-the-possible-and-the-practical-in-regulation_43145.htm The recent news that Saint Lucia has become the latest flag state to accede the Ballast Water Management Convention will have brought some cheer to IMO, but it comes in the light of some robust criticism from other quarters.

New container weight rule will cause havoc. Bulletin Panama [Online]. 31 May 2016.

Available from: <http://thebulletinpanama.com/2016/05/new-container-weight-rule-will-cause-havoc/> The container weight mandate from the International Maritime Organization (IMO) under the Safety of Life at Sea Convention (SOLAS) which will come into effect from July 1, 2016, is going to cause serious problems to Latin America and Caribbean terminal operators who are working under different rules.

Industry Ready for 2020 SOx Emissions Rules -EGCSA. By Michelle Howard.

MarineLink.Com [Online]. 1 June 2016. Available from: <http://www.marinelink.com/news/emissions-industry-ready410502.aspx> The Exhaust Gas Cleaning Systems Association (EGCSA) has raised concerns regarding the possible delay to the adoption of a global limit on fuel oil sulphur emissions, which is to be considered by the International Maritime Organization (IMO) in October 2016.

Port control inspectors cannot ask for paper copies of VGM certificates,

says RF Transport Ministry. *Port News* [Online]. 31 May 2016. Available from: <http://portnews.ru/news/220242/> Inspectors cannot ask for paper copies of VGM certificates under port control procedures in seaports of the Russian Federation effective from July 1, 2016, Vitaly Klyuev, Acting Director of Transport Ministry's Department of State Policy for Maritime and River Transport, said when answering the question of Maersk representative at the round table meeting on shipping issues held in Moscow on May 30th.

Is the (Developing) World Ready for the New Container Weight Regulations?

By Perikilis Saragiotis. *World Bank* [Online]. 2 June 2016. Available from: <http://blogs.worldbank.org/trade/developing-world-ready-new-container-weight-regulations>

A large number of accidents occur annually due to incorrectly declared container weights, so this change is expected to improve safety in maritime transport.

Maritime NZ secures better deal for NZ shippers. Maritime New Zealand [Online].

2 June 2016. Available from: <http://www.maritimenz.govt.nz/news/media-releases-2016/20160602a.asp> Maritime New Zealand has worked successfully at the International Maritime Organization (IMO) to ensure flexibility in introducing new regulations for verifying container weights – and that will benefit our exporters.

Shipping Works In Progress To Roll-Out Verified Weight Declaration For Cargo.

By Rachna Lal. *Fiji Sun Online* [Online]. 4 June 2016. Available from:

<http://fijisun.com.fj/2016/06/04/shipping-works-in-progress-to-roll-out-verified-weight-declaration-for-cargo/>

The Fiji Ship Owners and Agents Association is in discussion with the relevant authorities over the roll-out of verified gross mass declaration for all containers being loaded on ships for export.

BIFA advises members to take box weighing seriously. By James Baker. *Lloyd's List*

[Online]. 6 June 2016. Available from:

<https://www.lloydslist.com/ll/sector/containers/article526932.ece>

The British International Freight Association has urged members and the freight forwarding community not to be complacent about new rules concerning the reporting of the verified gross mass of every container, despite the hands-off enforcement likely to be in place initially.

Container weight rules for safe and clean seas. *Australian Maritime Safety Authority (AMSA)*

[Online]. 10 June 2016. Available from:

https://www.amsa.gov.au/media/documents/10062016_Media_Release_Containerweightrulesfor-safe-and-clean-seas.pdf

From July 1, 2016, the Australian Maritime Safety Authority (AMSA) will implement changes to regulations for container weight verifications in the shipping industry, requiring shippers to provide a verified gross mass (VGM) for containers.

ABS Partners with Leading Greek Shipowners to Address EU MRV Regulations.

ABS (American Bureau of Shipping) [Online]. 8 June 2016. Available from:

<http://ww2.eagle.org/en/news/press-room/2016/ABS-Partners-with-Leading-Greek-Shipowners-to-Address-EU-MRV-Regulations.html>

ABS, a leading provider of classification services to the global marine and offshore industries, has completed a project with a group of leading Greek shipowners to support preparations for implementing the European Union's Monitoring, Reporting and Verification (MRV) regulation for CO2 emissions.

Confusion over liners' policies post-IMO circular suggests disruption ahead. *Port News*

[Online]. 10 June 2016. Available from:

<http://portnews.ru/digest/17346/> When the International Maritime Organization in late May called for countries to exercise regulatory leniency in the first three months after the SOLAS container weight rule takes effect on July 1, some shippers took it to mean that container lines would agree to load containers without a verified gross mass declaration.

Think the ballast water convention is moribund? Think again. *Marine Propulsion* [Online].

15 June 2016. Available from: http://www.mpropulsion.com/news/view,think-the-ballast-water-convention-is-moribund-think-again_43338.htm

But a closer inspection of the issues at this year's Intertanko Tanker Summit, led by the organisation's senior environmental manager, Tim Wilkins (who focused on IMO), and director of regulatory affairs, Joe Angelo (who focused on developments in the United States), revealed there has in fact been considerable movement.

Industry unprepared for new container weighing rules. By Helle Hammer, Managing Director, Cefor & Chair of the IUMI Political Forum. *Hellenic Shipping News* [Online].

17 June 2016. Available from: <http://www.hellenicshippingnews.com/industry-unprepared-for-new-container-weighing-rules/>

As of 1 July 2016, only containers with a verified gross mass will be allowed to be loaded on board a vessel (although IMO is allowing a grace period of three months).

Cordero Urges Ocean Carriers to Accept Obvious Path to VGM Compliance.

US Federal Maritime Commission [Online]. 16 June 2016. Available from: <http://www.fmc.gov/news/default.aspx?ArticleId=2342> With the implementation date for new container weighing requirements 14-days away, Chairman of the Federal Maritime Commission Mario Cordero said the time has come for ocean carriers to embrace the obvious solution to achieving compliance that Marine Terminal Operators can offer.

PPA drafts SOLAS compliance guidelines. By Bernie Magkilat. *Manila Bulletin* [Online].

19 June 2016. Available from: <http://www.mb.com.ph/ppa-drafts-solas-compliance-guidelines/> The Philippine Ports Authority (PPA) has drafted some guidance to ensure that shippers and exporters comply with the amended SOLAS cargo weight regulation.

New cargo weight rules to take effect July 1. By Bernie Magkilat. *Manila Bulletin* [Online].

20 June 2016. Available from: <http://www.mb.com.ph/new-cargo-weight-rules-to-take-effect-july-1/> Starting July 1 this year, only cargoes with verified gross mass (VGM) will be cleared to be loaded onto a ship.

Stagger sulphur restrictions, conference keynote urges. *The Motorship* [Online].

20 June 2016. Available from: <http://www.motorship.com/news101/industry-news/stagger-sulphur-restrictions,-conference-keynote-urges> The IMO should consider phasing in the global 0.5% fuel sulphur cap set to be introduced in either 2020 or 2025.

Signals hinting at 2020 entry into force of 0.50% global sulphur cap.

International Bunker Industry Association (IBIA) [Online]. 20 June 2016. Available from: <http://ibia.net/signals-hinting-at-2020-entry-into-force-of-0-50-global-sulphur-cap/> The Marine Environment Protection Committee (MEPC) of the International Maritime Organization (IMO) is expected to decide on the timing of the global 0.50% sulphur cap for marine fuels in October this year, based on the result of a low sulphur fuel availability study required under MARPOL Annex VI.

SC Ports Authority's SOLAS Approach at Port of Charleston. *South Carolina Ports Authority*

[Online]. 21 June 2016. Available from: <http://www.scsa.com/news/sc-ports-authoritys-solas-approach-at-port-of-charleston/> Today the South Carolina Ports Authority filed a rule in its Marine Terminal Operating Schedule (MTOS) outlining its process for adherence to the IMO regulations regarding Safety of Life at Sea (SOLAS) Regulation VI/2.

International Maritime Organization weight watchers a new worry for local shippers.

By Timothy Renshaw. *Business Vancouver* [Online]. 21 June 2016. Available from:

<https://www.biv.com/article/2016/6/international-maritime-organization-weight-watcher/> New international regulations governing container loading on deepwater freighters are scheduled to come into effect on July 1.

Is SA ready for regulations that will give weight to safety of lives at sea?

By Darren Fraser, Senior Manager: Strategy, Transnet Port Terminals and Mark Fearick, Divisional Manager Compliance Transnet Port Terminals. *Business Day BDLive (South Africa)* [Online]. 24 June 2016. Available from:

<http://www.bdlive.co.za/opinion/2016/06/24/is-sa-ready-for-regulations-that-will-give-weight-to-safety-of-lives-at-sea> As the July 1 deadline looms for the implementation of the International Maritime Organisation (IMO) amendments to the Safety of Lives at Sea Agreement (SOLAS), questions have been raised about whether a number of countries, including South Africa, are ready.

Protecting Against MARPOL Annex I Breaches. By Chris Dyson, senior partner and marine engineer, Brookes Bell. *Maritime Executive* [Online]. 26 June 2016. Available from: <http://maritime-executive.com/blog/protecting-against-marpol-annex-i-breaches> MARPOL Annex 1 represents one of the biggest potentially uninsured liabilities in today's shipping industry.

Keeping Pace With Environmental Regulations. *Hellenic Shipping News* [Online]. 28 June 2016. Available from: <http://www.hellenicshippingnews.com/keeping-pace-with-environmental-regulations/> Over the past decade, shipping has seen a surge of environmental regulations.

Broad industry coalition provides guidance for the smooth implementation of container weighing regulations. *International Cargo Handling Coordination Association (ICHCA)* [Online]. 27 June 2016. Available from: <http://ichca.com/broad-industry-coalition-provides-guidance-smooth-implementation-container-weighing-regulations-2> Today, the World Shipping Council (WSC), the TT Club, the International Cargo Handling Coordination Association (ICHCA), and the Global Shippers' Forum (GSF) jointly released a second Frequently Asked Questions (FAQ) document designed to support the smooth implementation of the container weighing regulations that take effect globally on 1 July 2016.

SALVAGE

Salvage of the Sewol Enters New Phase. *Maritime Executive* [Online]. 12 June 2016. Available from: <http://www.maritime-executive.com/article/salvage-of-the-sewol-enters-new-phase> On Sunday, a team from Shanghai Salvage Company began a new stage in the recovery of the lost ferry *Sewol*, and dozens of family members of her 300 deceased passengers were on hand to observe as the work got under way.

South Korean Families Watch Ferry's Salvaging, Hoping Truth Surfaces. By Choe Sang-Hun. *New York Times* [Online]. 11 June 2016. Available from: http://www.nytimes.com/2016/06/12/world/asia/south-korean-families-watch-ferrys-salvaging-hoping-truth-surfaces.html?_r=0 Since last summer, Oh Byung-hwan has visited this island off southwestern South Korea more than a dozen times, camping out in a tent and braving monsoon rains and winter storms to watch the sea from a hilltop perch.

SEAFARERS

200 seafarers working with SCI abroad launch hunger strike. *Times of India* [Online]. 30 May 2016. Available from: <http://timesofindia.indiatimes.com/city/mumbai/200-seafarers-working-with-SCI-abroad-launch-hunger-strike/articleshow/52507427.cms> Over 200 seafarers working with the Shipping Corporation of India (SCI) have launched an indefinite hunger strike seeking immediate implementation of revised wages

Why We Need the Human Factor in Modern Shipping. By Captain J. Timothy Bordelon. *Maritime Executive* [Online]. 28 May 2016. Available from: <http://maritime-executive.com/editorials/why-we-need-the-human-factor-in-modern-shipping> Modern technology and communication have progressed to the point where robot ships are now discussed as a feasible probability.

Tackling the human element in the LNG ship-shore interface. By Mike Corkhill.

LNG World Shipping [Online]. 31 May 2016. Available from:

http://www.lngworldshipping.com/news/view,tackling-the-human-element-in-the-lng-shipshore-interface_43133.htm Over the 50 years of LNG carrier operations, approximately 85,000

cargoes have been safely loaded, transported and discharged.

Dublin Port invests €0.5m in New Seafarers' Centre. Dublin Port Company [Online].

30 May 2016. Available from: <http://www.dublinport.ie/news/singlenews/article/dublin-port-seafarers-centre//28/>

Dublin Port Company has opened a new state-of-the-art Seafarers' Centre at Dublin Port following a €500,000 investment in the facility.

Congress okays Magna Carta for Seafarers. By Charissa Luci. *Manila Bulletin* [Online].

28 May 2016. Available from: <http://www.mb.com.ph/congress-okays-magna-carta-for-seafarers/>

The House of Representatives has passed on third and final reading the proposed "Magna Carta for Filipino Seafarers" which seeks to provide wide-ranging benefits, including shipboard training and free legal consultation for sailors.

Foreign minister visits British seamen held in India. ITV News (UK) [Online]. 1 June 2016.

Available from: <http://www.itv.com/news/tyne-tees/2016-06-01/foreign-minister-visits-british-seamen-held-in-india/>

Foreign and Commonwealth Office Minister Hugo Swire has travelled to India to meet six British seamen, including two from our region, who were imprisoned there in January.

Volunteers turn tide for stranded sailors. By Peng Yining. *China Daily.Com* [Online].

7 June 2016. Available from: http://usa.chinadaily.com.cn/epaper/2016-06/07/content_25638454.htm

The past decade has seen a steady rise in the number of unpaid search-and-rescue teams along China's coastline, providing a vital lifeline for vessels and mariners from all nations.

Striking seafarers return to work as Shipping Corp promises wage hike, arrears.

By Aditi Divekar. *Business Standard (India)* [Online]. 7 June 2016. Available from:

http://www.business-standard.com/article/companies/striking-seafarers-return-to-work-as-shipping-corp-promises-wage-hike-arrears-116060601159_1.html

A week-long hunger strike of seafarers with the Shipping Corporation of India ended on Friday after the country's largest shipping company assured implementation of new revised wages and payment of arrears by July.

The Psychosocial Risks that Seafarers Face. By Dimitrios Lyrakos. *Maritime Executive*

[Online]. 10 June 2016. Available from: <http://maritime-executive.com/blog/the-psychosocial-risks-that-seafarers-face>

Over the past few years, the OCIMF's Tanker Management and Self-Assessment program, and others, have made recommendations about the psychometric evaluation of seafarers.

The 'soul mechanics' helping traumatised seafarers in Nigeria. By Kirstie Brewer.

The Guardian [Online]. 8 June 2016. Available from:

<http://www.theguardian.com/careers/2016/jun/08/their-lives-arent-threatened-but-their-freedom-is>

In July 2014 what had been a routine voyage for the 11 seafarers aboard *MT Maro*, turned into an ordeal that still isn't over.

Seafarers play a vital role in migrant crisis, say Mission to Seafarers.

Hellenic Shipping News [Online]. 6 June 2016. Available from:

<http://www.hellenicshippingnews.com/seafarers-play-a-vital-role-in-migrant-crisis-say-mission-to-seafarers/>

As the treacherous Mediterranean Sea claimed more than 1,000 lives over the past few weeks, Mission to Seafarers has praised seafarers in their efforts in helping save the lives of many, but more must be done to support seafarers in the deepening crisis, they warn.

Philippine militants release four Malaysian sailors, army says. *Malay Mail Online* [Online].

8 June 2016. Available from: <http://www.themalaymailonline.com/world/article/philippine-militants-release-four-malaysian-sailors-military-say> Four Malaysian sailors held for more than two months by a notorious kidnapping-for-ransom gang in the strife-torn southern Philippines were released today, the Philippine military said.

RMT blasts "modern day slavery" as ship detained. By Jody Harrison. *Herald Scotland*

[Online]. 15 June 2016. Available from:

http://www.heraldscotland.com/news/14558833.RMT_blasts_modern_day_slavery_as_ship_d etained/

Port authorities have detained a ship from leaving Aberdeen after it emerged that its Indian crew had not been paid for almost two months.

The story of Aman Kumar. *International Seafarers' Welfare and Assistance Network (ISWAN)*

[Online]. 15 June 2016. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/the-story-of-aman-kumar>

We are delighted to be able to provide the Story of Aman. Entitled "A Man Who Never Gives Up – Journey Of A Lifetime" this account of being a captive of pirates in Somalia is written in his own words and provides a unique story of the time he spent as a hostage.

IMO Sec Gen to join Day of the Seafarer 2016 in PH. *Manila Times* [Online]. 18 June 2016.

Available from: <http://www.manilatimes.net/imo-sec-gen-to-join-day-of-the-seafarer-2016-in-ph/268488/> The theme for this year: "At Sea for All," emphasizes that seafarers serve at sea not only for the shipping industry or for the advancement of their own career, but for everyone. It is a declaration and recognition that just like shipping, seafarers are indispensable to the world.

Filipino seafarer: At sea for all. By Brenda Pimentel. *Manila Times* [Online]. 18 June 2016.

Available from: <http://www.manilatimes.net/filipino-seafarer-at-sea-for-all/268508/> For the ship owner, it means entrusting valuable assets worth millions of dollars to seafarers who are competent to man and navigate ships to safety.

Japan Designates ABS the First Foreign RO Authorized for Maritime Labor Inspection.

ABS (American Bureau of Shipping) [Online]. 16 June 2016. Available from:

<http://ww2.eagle.org/en/news/press-room/2016/Japan-Designates-ABS-the-First-Foreign-RO-Authorized-for-Maritime-Labor-Inspection.html>


ABS, a leading provider of classification and technical services to the global marine and offshore industries, was selected by the Japanese Ministry of Land, Infrastructure, Transport and Tourism (MLIT) as a Recognized Organization (RO) for maritime labor inspection.

AMSA celebrates the 2016 International Maritime Organization Day of the Seafarer.

Australian Maritime Safety Authority (AMSA) [Online]. 22 June 2016. Available from:

<http://www.amsa.gov.au/about-amsa/recent-events/2016/jun-seafarer/index.asp> AMSA is this week celebrating the 2016 International Maritime Organization (IMO) Day of the Seafarer.

Crewmembers Accused of Killing Captain and Engineer. *Maritime Executive* [Online]. 20 June 2016. Available from: <http://www.maritime-executive.com/article/crewmembers-accused-of-killing-captain-and-engineer> Two Vietnamese crewmen on a South Korean fishing vessel in the Indian Ocean have allegedly stabbed and killed the ship's captain and the engineer over a dispute, South Korea's coast guard said Monday.

Day of the seafarer: ICS Highlights Role of Merchant Seafarers in Migrant Rescues. *International Chamber of Shipping (ICS)* [Online]. 27 June 2016. Available from: <http://www.ics-shipping.org/news/press-releases/2016/06/27/day-of-the-seafarer-ics-highlights-role-of-merchant-seafarers-in-migrant-rescues> Gerardo Borromeo, Vice Chairman of the International Chamber of Shipping (ICS) took the opportunity today to highlight the courage that is currently being displayed by seafarers, of all nationalities, with respect to the rescue at sea crisis taking place in Europe and in the Mediterranean. [Speech](#) 


Seafarers on Mauritius mutiny ship 'traumatised', man due in court. By Holly Birkett. *Splash 24/7* [Online]. 23 June 2016. Available from: <http://splash247.com/seafarers-on-mauritius-mutiny-ship-traumatised/> Seafarers onboard *Benita* have been left "traumatised" by the fight among crew that caused the vessel to run aground off Mauritius last week.

International Seafarers' Welfare Awards recognise excellence. *Inmarsat* [Online]. 24 June 2016. Available from: <http://www.inmarsat.com/news/international-seafarers-welfare-awards-recognise-excellence/> Seafarers will get the opportunity to thank the individuals, companies and organisations that do the most to support them at the Inmarsat-sponsored 2016 International Seafarers' Welfare Awards today (24 June).

InterManager welcomes seafarers' awareness week. *InterManager* [Online]. 23 June 2016. Available from: <http://www.intermanager.org/2016/06/intermanager-welcomes-seafarers-awareness-week/> InterManager, the international trade association for in-house and third party ship management, is giving its full support to this week's Seafarers Awareness Week (20-26 June), co-ordinated by Seafarers UK.

Day of the Seafarer 2016 celebrates seafarers' contributions to all of us. *Danish Maritime Authority* [Online]. 23 June 2016. Available from: <http://www.dma.dk/news/Sider/DayoftheSeafarer2016celebratesseafarers%27contributionstoallofus.aspx> Shipping is a cornerstone of world trade and an important part of the transport chain that provides us with goods from all over the world every day.

SSI develops 'Seafarers' On-board Charter' concept. *Safety 4 Sea* [Online]. 23 June 2016. Available from: <http://www.safety4sea.com/ssi-develops-seafarers-on-board-charter-concept/> The Sustainable Shipping Initiative (SSI) has announced it has developed the concept of a 'Seafarers' On-board Charter'.

Seafarers awareness week video highlights maritime career concerns. *Nautilus International* [Online]. 20 June 2016. Available from: <https://www.nautilusint.org/en/what-we-say/nautilus-news/seafarers-awareness-week-video-highlights-maritime-career-concerns/>  Seafarers UK has called on the government to produce more guidance and education on maritime career options for young people.

Dakuku Peterside's At Sea For All Piece. *News Ghana* [Online]. 26 June 2016. Available from: <https://www.newsghana.com.gh/dakuku-petersides-at-sea-for-all-piece/> "At Sea for All" being the Theme of an Address by the Director General, Nigerian Maritime Administration And Safety Agency (NIMASA), Dr. Dakuku Peterside On The Celebration Of International Day Of The Seafarers, 2016

Maritime Needs More Women Power. By Aiswarya Lakshmi. *MarineLink.Com* [Online].

26 June 2016. Available from: <http://www.marinelink.com/news/maritime-needs-women411781.aspx> United Nations International Maritime Organization (IMO) Secretary-General Ki Tack Lim pushed for the increased involvement of women in the seafaring industry saying they are the key to the growth of the industry.

Winners Announced for International Seafarers' Welfare Awards.

International Seafarers' Welfare and Assistance Network (ISWAN) [Online]. 25 June 2016. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/winners-announced-for-international-seafarers-welfare-awards> The winners of ISWAN's International Seafarers' Welfare Awards 2016 were announced on 24th June at a high-profile ceremony held in Manila, the Philippines.

On World Day, Ban spotlights role of seafarers in meeting sustainable agenda targets.

UN News Centre [Online]. 25 June 2016. Available from: <http://www.un.org/apps/news/story.asp?NewsID=54322> Marking the Day of the Seafarer, United Nations Secretary-General Ban Ki-moon highlighted the role of the shipping industry in moving forward the international agenda on sustainable development and climate change.


"At sea for all": annual day celebrates maritime workers. *United Nations Radio* [Online].

25 June 2016. Available from: <http://www.unmultimedia.org/radio/english/2016/06/at-sea-for-all-annual-day-celebrates-maritime-workers/> "At sea for all"; that's the "campaign theme" of this year's annual Day of the Seafarer.

Update on The Maritime Labour Convention. *North of England P&I Association* [Online].

23 June 2016. Available from: <http://www.nepia.com/news/circulars/update-on-the-maritime-labour-convention/> The MLC entered into force on 20 August 2013.

New Report Explores Piracy's Long-Term Impact on Seafarers. *Oceans Beyond Piracy / One Earth Future Foundation* [Online]. 22 June 2016. Available from:

<http://oceansbeyondpiracy.org/publications/after-release-long-term-behavioral-impact-piracy-seafarers-and-families> More than 3,000 seafarers have been held hostage by Somali pirates since 2001, with a significant, but unknown, number of seafarers kidnapped in other parts of the world. [After the Release: The Long-Term Behavioral Impact of Piracy on Seafarers and Families](#) 

At Sea for All - The Mental Health of Seafarers Kidnapped by Pirates.

Oceans Beyond Piracy / One Earth Future Foundation [Online]. 21 June 2016. Available from: <http://oceansbeyondpiracy.org/news/sea-all-mental-health-seafarers-kidnapped-pirates> 

SEARCH AND RESCUE

New Lifeboat Donated to Hellenic Rescue Team. *International Maritime Rescue Federation* [Online]. 2 June 2016. Available from: <http://www.international-maritime-rescue.org/10-news/2020-new-lifeboat-donated-to-hellenic-rescue-team> A new lifeboat has been donated to the Hellenic Rescue Team (HRT) by fellow International Maritime Rescue Federation (IMRF) members the Norwegian Society for Sea Rescue (RS), and the Norwegian Ministry of Foreign Affairs.

Russian Northern Fleet forces take part in Barents-2016 joint drills with Norway.

TASS Russian News Agency [Online]. 1 June 2016. Available from: <http://tass.ru/en/defense/879487> The search and rescue support forces of Russia's Northern Fleet are taking part in the active phase of the Russian-Norwegian exercise Barents-2016, the fleet's press service told journalists on Wednesday.

Life and Death on Migrant Rescue Missions. By Doctors Without Borders (MSF).

Maritime Executive [Online]. 5 June 2016. Available from: <http://www.maritime-executive.com/features/life-and-death-on-migrant-rescue-missions> At sea, on the Bourbon Argos, Doctors Without Borders (MSF) is providing psychological first aid to people during and after rescue operations.

MOAS Launch 2016 Mediterranean Mission with Two Ships, Two Drones Patrolling the 'Dead Zone'. *Migrant Offshore Aid Station (MOAS)* [Online]. 31 May 2016. Available from:

<https://www.moas.eu/moas-launch-2016-mediterranean-mission-two-ships-two-drones-patrolling-dead-zone/> Professional search and rescue charity Migrant Offshore Aid Station (MOAS) will enhance their life-saving efforts in the central Mediterranean this year by deploying two ships and two drones.

IMRF Rescue & Training Mission in Aegean a Success. *International Maritime Rescue Federation* [Online]. 6 June 2016. Available from:

<http://international-maritime-rescue.org/10-news/2021-imrf-rescue-training-mission-in-aegean-a-success> More than 1,000 people have been rescued using the search and rescue vessel 'Minden', which has completed its mission in the Aegean following co-operation between the German search and rescue (SAR) service (DGzRS), the Hellenic Coast Guard (HCG) and the Hellenic Rescue Team (HRT).

Crew of stricken yacht *Platino* rescued by container ship. By Nikki Preston.

New Zealand Herald [Online]. 14 June 2016. Available from: http://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=11656295 The remaining crew of stricken yacht *Platino* have made it safely onboard container ship *Southern Lily* and are bound for New Zealand - but the dead crew member has been left on the sinking yacht.

LÉ Róisín rescues 371* migrants. *Defence Forces Ireland* [Online]. 27 June 2016.

Available from: <http://www.military.ie/press-office/news-and-events/single-view/article/27-june-2016-le-roisin-rescues-371-migrants/?cHash=633a7694688492c575bec6e4f03d71d0> Earlier today, following a request from Italian Maritime Rescue Co-Ordination Centre the LÉ Róisín successfully located and rescued a total of 371* migrants from three separate rubber vessels located 37 Nautical Miles NW of Tripoli

AMVER Vessel Recognized for Rescue of 19 Fishermen. *Maritime Executive* [Online].

27 June 2016. Available from: <http://www.maritime-executive.com/article/amver-vessel-recognized-for-rescue-of-19-fishermen> On Monday, representatives from the U.S. Coast Guard and the Automated Mutual Assistance Vessel Rescue System (AMVER) presented an award to the crew of the bulker K. Coral in recognition of her rescue of 19 Chinese and Indonesian fishermen from a burning vessel some 900 miles off Bermuda.

SHIPBUILDING AND SHIPREPAIR

Solar-powered ferry to debut in sunlit Kerala. By Sapna Gopal. *India Climate Dialogue* [Online]. 30 May 2016. Available from: <http://indiaclimatedialogue.net/2016/05/30/solar-powered-ferry-debut-sunlit-kerala/> In the last couple of years, the transportation industry in India has been adopting renewable energy in a big way.

South Korean shipbuilding hub battens down the hatches as orders sink. By Joyce Lee. *Reuters* [Online]. 31 May 2016. Available from: <http://www.reuters.com/article/southkorea-shipbuilding-geoje-idUSL3N18N0F0> South Korean shipbuilders are facing their biggest ever crisis, with mass layoffs expected later this year as finished vessels leave the shipyards and few new orders come in.


LR approval for HMD gas bunkering vessels capable of supplying LNG to 20,000 teu containerships. By Nick Brown. *Lloyd's Register* [Online]. 3 June 2016. Available from: <http://www.lr.org/en/news/news/HMD-AiP.aspx> A design from Hyundai Mipo Dockyard (HMD) for a 6,600 m3 LNG bunker vessel has received Approval in Principle (AiP) from Lloyd's Register (LR).

Destroyers will break down if sent to Middle East, admits Royal Navy. By Richard Norton-Taylor. *The Guardian* [Online]. 7 June 2016. Available from: <https://www.theguardian.com/uk-news/2016/jun/07/destroyers-will-break-down-if-sent-to-middle-east-admits-royal-navy> The Royal Navy's fleet of six £1bn destroyers is breaking down because the ships' engines cannot cope with the warm waters of the Gulf, defence chiefs have admitted.

New President plots course for The Nautical Institute. *Nautical Institute* [Online]. 13 June 2016. Available from: <http://www.nautinst.org/en/Media/press/index.cfm/New-President-2016> The newly elected President of The Nautical Institute, Captain David (Duke) Snider FNI, has pledged to ensure the mariner's voice is heard loud and clear within the maritime industry.

SHIPPING

Saint Lucia Implements an Open Ship Registry. *St.Lucia Star* [Online]. 28 May 2016. Available from: <http://stluciastar.com/saint-lucia-implements-an-open-ship-registry/> The Saint Lucia Air and Sea Ports Authority (SLASPA), after a thorough review of the Shipping Amendment Act, is pleased to announce that Saint Lucia has taken the decision to implement an open ship registry.

IACS recommendations for the operation of shore-based emergency response services. *International Association of Classification Societies (IACS)* [Online]. 27 May 2016. Available from: <http://www.iacs.org.uk/news/article.aspx?newsid=197> These recommendations will be of value to all shipowners, operators and managers when choosing an emergency response service provider by clearly establishing the minimum level of support the service provider can be expected to deliver. [Recommendations](#) 

Greek Shipping – Still Number One! *Clarkson Research Services Limited (CRSL)* [Online]. 27 May 2016. Available from: <https://clarksonresearch.wordpress.com/2016/05/27/greek-shipping-still-number-one/> Despite the many domestic and market challenges facing the Hellenic ship owning community, Greece has continued to strengthen its position as the largest ship owning nation in recent years.

Bulgaria, Greece form task force to build Greek LNG terminal. By Angeliki Koutantou. *Reuters* [Online]. 31 May 2016. Available from: <http://www.reuters.com/article/greece-lng-bulgaria-idUSL8N18S2QS> May 31 Bulgarian state energy holding company BEH and Greek natural gas company Gastrade have set up a joint task force to prepare a proposal to build an off-shore liquefied natural gas (LNG) terminal in northern Greece, Gastrade said on Tuesday.

Solar Storm Risk Raised for *Crystal Serenity*. By Wendy Laursen. *Maritime Executive* [Online]. 31 May 2016. Available from: <http://maritime-executive.com/features/solar-storm-risk-raised-for-crystal-serenity> The risks of space weather to Arctic shipping are generally considered much less than those posed by existing, well-known communications limitations in polar regions.

ICS Elects Esben Poulsson as new Chairman. *International Chamber of Shipping (ICS)* [Online]. 2 June 2016. Available from: <http://www.ics-shipping.org/news/press-releases/2016/06/02/ics-elects-esben-poulsson-as-new-chairman> Meeting in Tokyo today (2 June), the Annual General Meeting of the International Chamber of Shipping (ICS) elected a new Chairman, Mr Esben Poulsson (Singapore).

UK shipping and the EU referendum: in or out? By Gary Peters. *Ship-Technology.Com* [Online]. 1 June 2016. Available from: <http://www.ship-technology.com/features/featureuk-shipping-and-the-eu-referendum-in-or-out-4909031/> Making a prediction on a situation where there is no precedent (no country has ever left the EU before) is a dangerous game.

Reducing Carbon Footprints In The Maritime Industry. By Dr Rajiv Aserkar. *Forbes Middle East* [Online]. 2 June 2016. Available from: <http://www.forbesmiddleeast.com/en/news/read/2016/reducing-carbon-footprints-in-the/articleid/10554> Logistics facilitates global trade, but it also contributes to carbon emissions, leading to global warming and climate change.

Posidonia: 'The shipping hub of the world for the coming week'. *Splash 24/7* [Online]. 2 June 2016. Available from: <http://splash247.com/posidonia-the-shipping-hub-of-the-world-for-the-coming-week/> Shipping might still be in recession but organisers of the world's most famous shipping show, Posidonia, tell Maritime CEO the event, scheduled to kick off this weekend, will be a record one in terms of size.

EU must align Shipping CO2 Rules with International Community, says ICS. *International Chamber of Shipping (ICS)* [Online]. 6 June 2016. Available from: <http://www.ics-shipping.org/news/press-releases/view-article/2016/06/06/eu-must-align-shipping-co2-rules-with-international-community-says-ics> The member national shipowners' associations of the International Chamber of Shipping (ICS) have agreed to commence a co-ordinated campaign aimed at European Union (EU) institutions, including Member States, Parliament and the European Commission.

Shipping must prepare for stricter black carbon emission regulations: Finns improve the reliability of international measurement techniques. *VTT Technical Research Centre of Finland Ltd* [Online]. 6 June 2016. Available from: <http://www.vttresearch.com/media/news/shipping-prepare-for-stricter-black-carbon-emission-regulations> A new global challenge and a compliance monitoring market are emerging, due to tightening environmental regulations.

Is There Often A Rose Between Shipping's Thorns? *Clarkson Research Services Limited (CRSL)* [Online]. 3 June 2016. Available from: <https://clarksonresearch.wordpress.com/2016/06/03/is-there-often-a-rose-between-shippings-thorns/> Historically, a prime characteristic of the shipping industry has been that when one sector is performing weakly there is generally another that is strong, and that even when most of the markets are down there is often one which provides at least some counterbalance by performing more robustly.

ICS lobbying EU to blunt regional MRV regulation. By Gary Howard. *Lloyd's List* [Online]. 6 June 2016. Available from: <https://www.lloydslist.com/ll/sector/regulation/article526902.ece> The International Chamber of Shipping has announced a campaign targeted at persuading European Union institutions to align their regional regulation on the monitoring, reporting and verification of CO2 emissions with those of the International Maritime Organization.

ICS Member Associations Agree on Campaign to Urge EU to Align CO2 Regs with IMO. *Ship & Bunker* [Online]. 7 June 2016. Available from: <http://shipandbunker.com/news/emea/828971-ics-member-associations-agree-on-campaign-to-urge-eu-to-align-co2-regs-with-imo> The International Chamber of Shipping (ICS) Monday announced that its member national shipowners' associations have agreed to launch a campaign to persuade the European Union (EU) that aligning its regulations on CO2 shipping emissions monitoring with that of the International Maritime Organization (IMO) is of "vital necessity."

Tsipras opens Posidonia with a promise to revive Greece's maritime industry. By Holly Birkett. *Splash 24/7* [Online]. 7 June 2016. Available from: <http://splash247.com/tsipras-opens-posidonia-promise-revive-greeces-maritime-industry/> Greek prime minister Alexis Tsipras has opened this year's Posidonia event in Athens by promising to develop his country's ports, shipyards and seafarers and make them forces to be reckoned with in the international market.

Ships get relief from piracy related insurance premium at Indian ports. *The Hindu (India)* [Online]. 6 July 2016. Available from: <http://www.thehindu.com/business/Industry/ships-get-relief-from-piracy-related-insurance-premium-at-indian-ports/article8697418.ece> Ships entering or leaving Indian ports are not required to pay a piracy related additional insurance premium now, a move that would help thousands of the vessels.

Largest ever Posidonia exhibition highlights importance of Greek shipping for global economy. *Hellenic Shipping News* [Online]. 7 June 2016. Available from: <http://www.hellenicshippingnews.com/largest-ever-posidonia-exhibition-highlights-importance-of-greek-shipping-for-global-economy/> Posidonia 2016, the world's most prestigious shipping event, was inaugurated this evening by the Prime Minister of Greece Mr Alexis Tsipras and attended by heads of states,

2016 Cruise Ship Report Card. *Friends of the Earth* [Online]. 9 June 2016. Available from: <http://www.foe.org/cruise-report-card> The 2016 Cruise Ship Report Card lets vacationers decide which cruise to take based on a cruise ship or cruise line's environmental and human health impacts.

Disney Cruise Line regains A grade for pollution transparency. *Friends of the Earth* [Online]. 9 June 2016. Available from: <http://www.foe.org/news/news-releases/2016-06-disney-cruise-line-regains-a-grade-for-pollution-transparency> Friends of the Earth released the 2016 edition of its Cruise Ship Report Card today, documenting the environmental footprint of the cruise industry and grading 17 cruise lines and their 171 ships.

University of Washington Helps ITOPF and NOAA Analyze Emerging Risks in Marine Transportation. By Megan Desillier, Seth Sivinski, and Nicole White.

US Office of Response and Restoration [Online]. 9 June 2016. Available from:

<https://usresponserestoration.wordpress.com/2016/06/09/university-of-washington-helps-itopf-and-noaa-analyze-emerging-risks-in-marine-transportation/>

A warming climate is opening up new shipping routes—and hence, new avenues for trade—through the Arctic Ocean as summer sea ice shrinks and thins.

UK Chamber President calls on government to do more to support maritime sector.

UK Chamber of Shipping [Online]. 9 June 2016. Available from:

<https://www.ukchamberofshipping.com/latest/uk-chamber-president-calls-government-do-more-support-maritime-sector/>

Dr Grahaeme Henderson, President of the UK Chamber of Shipping has called on government, in Scotland and in Whitehall to provide further support to the UK maritime sector to ensure that jobs and businesses are able to face the challenges presented by current market conditions.

DNV GL issues first "Clean Lay-up" declaration. By Simon David Adams. DNV GL

[Online]. 9 June 2016. Available from: <https://www.dnvgl.com/news/dnv-gl-issues-first-clean-lay-up-declaration-66987>

Classification society DNV GL announced at the Posidonia trade fair that it had issued the first "Clean Lay-up" declaration under its newly released classification guideline.

Senior advocate unveils Maritime Law book. By Joseph Onyekwere. Guardian (Nigeria)

[Online]. 7 June 2016. Available from: <http://guardian.ng/features/senior-advocate-unveils-maritime-law-book/>

Leading maritime lawyer, Mr. Chidi Ilogu, (SAN) will this Friday unveil his long-awaited treatise on maritime law with the presentation of his book titled "Foundation of Carriage of Goods by Sea - The Nigerian Perspective."

Study on the use of ethyl and methyl alcohol as alternative fuels in shipping.

By Joanne Ellis and Lim Tanneberger. European Maritime Safety Agency (EMSA) [Online].

6 June 2016. Available from: <http://www.emsa.europa.eu/main/alternative-fuels/download/4142/2657/23.html>

Methyl and ethyl alcohol fuels, also referred to as methanol and ethanol, are good potential alternatives for reducing both the emissions and carbon footprint of ship operations.

SAFETY4SEA releases industry Shipping CSR500 Survey at Posidonia 2016. Safety 4 Sea

[Online]. 6 June 2016. Available from: <http://www.safety4sea.com/safety4sea-releases-industry-shipping-csr500-survey-at-posidonia-2016/>

Based on a survey which was conducted in Q1 2016 involving 500 companies of the industry, operating in more than 30 different countries, the report revealed that industry needs to increase CSR awareness as on average less than 50% fully commits to related activities.

Latest FOE Report Bemoans Cruise Industry's Failing Environmental Efforts, CLIA Calls it "Misleading and Inaccurate". Ship & Bunker [Online]. 13 June 2016. Available from:

<http://shipandbunker.com/news/world/455120-latest-foe-report-bemoans-cruise-industrys-failing-environmental-efforts-clia-calls-it-misleading-and-inaccurate>

Cruise Lines International Association (CLIA) Friday responded to the last Friends of the Earth's (FOE's) Cruise Ship Report Card, which was released Thursday, calling the report "misleading and inaccurate," Maritime Executive reports.

Oman signs deals with 3 ship classification societies. *Times of Oman* [Online].

13 June 2016. Available from:

<http://timesofoman.com/article/85936/Oman/Transport/Oman%27s-Ministry-of-Transport-and-Communications-signs-deals-with-3-ship-classification-societies> On Monday, Oman signed three agreements with ship classification societies for small ships that do not abide by international treaties.

Maritime Minister Mallia delivers a speech during presentation of the new routes by SMS Group. *Malta Independent* [Online]. 12 June 2016. Available from:

<http://www.independent.com.mt/articles/2016-06-12/local-news/Maritime-Minister-Mallia-delivers-a-speech-during-presentation-of-the-new-routes-by-SMS-Group-6736159251>

Minister for Competitiveness and Digital, Maritime and Services Economy Emmanuel Mallia spoke during the official welcome of Tirennia CIN's return to the Maltese market.

The eco guide to cargo ships. By Lucy Siegle. *The Guardian* [Online]. 12 June 2016.

Available from: <https://www.theguardian.com/environment/2016/jun/12/the-eco-guide-to-cargo-ships> A seafaring adage goes: "If the winds are shifting, adjust your sails."

And it's all over - Who said what at Posidonia 2016. By Marcus Hand.

Seatrade Maritime News [Online]. 12 June 2016. Available from: <http://www.seatrade-maritime.com/news/europe/who-said-what-at-posidonia-2016.html>

We take a look back at who said what on Seatrade Maritime News' live coverage of Posidonia 2016 and which were the issues at the top of the agenda

Arctic nations deepen coast guard cooperation. By Levon Sevunts.

Independent Barents Observer (Norway) [Online]. 11 June 2016. Available from:

<http://thebarentsobserver.com/security/2016/06/arctic-nations-deepen-coast-guard-cooperation>

The heads of the coast guards of Canada, Denmark, Finland, Iceland, Norway, Sweden, the Russian Federation and the United States, who were in Boston this week for a meeting of Arctic Coast Guard Forum (ACGF) Principals, signed a new joint statement at a ceremony in Faneuil Hall.


Rizal Ramli envisions Indonesia controlling sea trading lanes. *Antara News (Indonesia)*

[Online]. 13 June 2016. Available from: <http://www.antaranews.com/en/news/105152/rizal-ramli-envisions-indonesia-controlling-sea-trading-lanes>

Coordinating Minister for Maritime Affairs and Natural Resources Rizal Ramli said the Lombok straight and the Makassar strait could take over the role as the main sea trading lane from the Malacca Strait in the world.

ESPO's Road Map to Cut Red Tape in Maritime Transport. *European Sea Ports Organization (ESPO)* [Online]. 13 June 2016. Available from:

<http://www.espo.be/news/espos-road-map-to-cut-red-tape-in-maritime-transpo>

Port authorities being one of the main stakeholders in the ongoing debate on the implementation of the Reporting Formalities Directive (RFD), ESPO and its members have developed a roadmap defining some ambitious but realistic steps towards administrative simplification and trade facilitation. [Roadmap for Maritime Trade Facilitation](#) 

80% of Cruise Ships to Use LNG Propulsion by 2025? *Ship & Bunker* [Online].

16 June 2016. Available from: <http://shipandbunker.com/news/world/674279-80-of-cruise-ships-to-use-lng-propulsion-by-2025>

80 percent of cruise ships will be powered by liquefied natural gas (LNG) by 2025; this was the opinion of one cruise line CEO who was speaking at the recent Seatrade Cruise Global convention in Florida, and one that sparked much debate.

Security advisory-Update on piracy reporting changes in the Gulf of Guinea and closure of MTISC GoG. *Hellenic Shipping News* [Online]. 17 June 2016. Available from: <http://www.hellenicshippingnews.com/security-advisory-update-on-piracy-reporting-changes-in-the-gulf-of-guinea-and-closure-of-mtisc-gog/> Further to the security advisory issued on 7 June 2016 on the possibility of the Maritime Trade and Information Sharing Centre for the Gulf of Guinea (MTISC-GoG) Pilot closure and its transfer to a UK/French operation please see the update below .

Gov implements Cyprus shipping strategy. *in Cyprus* [Online]. 16 June 2016. Available from: <http://in-cyprus.com/gov-implements-cyprus-shipping-strategy/> The Government is implementing a new Cyprus Shipping Strategy to widen the horizons of the country's shipping industry and create new opportunities for expansion into new markets, Minister of Transport, Communications and Works Marios Demetriades said on Thursday, addressing the 5th Mare Forum Cyprus 2016.


EU referendum: The shipping case for remain. *Lloyd's List* [Online]. 17 June 2016. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article528264.ece> There is no obvious correlation between a country's relationship to the European Union and the success or failure of its shipping industry.

IACS Chairman Drives Industry Safety Improvements. *ABS (American Bureau of Shipping)* [Online]. 21 June 2016. Available from: <http://ww2.eagle.org/en/news/press-room/2016/IACS-Chairman-Drives-Industry-Safety-Improvements.html> ABS Chairman, President and CEO Christopher J. Wiernicki concludes his term as Chairman of the International Association of Classification Societies Ltd. (IACS) encouraging the organization to continue setting high standards for performance and raising the bar of excellence.

Gard Alert: Prepare to manage ballast water. *Gard* [Online]. 20 June 2016. Available from: <http://www.gard.no/web/updates/content/21316996/gard-alert-prepare-to-manage-ballast-water> Preparatory work to ensure timely compliance with IMO's Ballast Water Management Convention should not be postponed as it is thought the convention will soon be ratified by a sufficient number of states to pass the entry into force tonnage threshold.

Second Colombo International Maritime Conference kick-starts in September. *Daily Mirror (Sri Lanka)* [Online]. 22 June 2016. Available from: <http://www.dailymirror.lk/111281/Second-Colombo-International-Maritime-Conference-kick-starts-in-September-> For the second consecutive year during the "Sri Lanka Maritime Week" in September, the Colombo International Maritime Conference better known as CIMC will be held from 21st to 23rd September in Colombo.

CO2 emission reduction measures must be global and apply equally to all ships. *European Community Shipowners' Associations (ECSA)* [Online]. 21 June 2016. Available from: <http://www.ecsa.eu/9-latest-news/263-co2-emission-reduction-measures-must-be-global-and-apply-equally-to-all-ships> "We believe that shipping, together with all other industry sectors, must be part of the solution to limit the increase in global temperature, as we clearly are a global contributor to carbon emissions", said ECSA President Niels Smedegaard, addressing a symposium on decarbonisation of shipping held in Antwerp today.

Small rise in shipping confidence. *By Richard Greiner. Moore Stephens* [Online]. 21 June 2016. Available from: <http://www.moorestephens.co.uk/news-views/june-2016/small-rise-in-shipping-confidence> In May 2016, the average confidence level expressed by respondents in the markets in which they operate was 5.1 on a scale of 1 (low) to 10 (high). [Shipping Confidence Survey](#) 

Hong Kong Maritime Hub: Back on the map. *Splash 24/7* [Online]. 21 June 2016.

Available from: <http://splash247.com/hong-kong-maritime-hub-back-on-the-map/>

A new website has just launched covering all things Hong Kong maritime

UK shipping minister warns on Brexit. By Holly Birkett. *Splash 24/7* [Online]. 23 June 2016.

Available from: <http://splash247.com/vote-remain-uks-shipping-minister-tells-splash/>

As Britain heads to the polls today in arguably the most important vote the nation has faced in a generation – whether or not to stay in the European Union – the country's shipping minister has weighed into the issue in an exclusive interview with Splash.

Wan Hai Lines Honored as Best Green Shipping Line. *Hellenic Shipping News* [Online].

22 June 2016. Available from: <http://www.hellenicshippingnews.com/wan-hai-lines-honored-as-best-green-shipping-line/> Wan Hai Lines won the prestigious award "Best Green Shipping Line" by Asia Cargo News at the 2016 Asian Freight Logistics and Supply Chain Awards.

Slowing Shipping Fleet Growth to Ease Officer Shortage. *Drewry Shipping Consultants*

[Online]. 23 June 2016. Available from: <http://www.drewry.co.uk/news.php?id=491>

Slowing growth in the size of the shipping fleet will reduce the shortage of officers over the coming years, according to the latest Manning report published by global shipping consultancy Drewry.

Moody's: Global shipping industry's negative outlook due to fall in EBITDA.

Moody's Investors Service [Online]. 22 June 2016. Available from:

https://www.moody's.com/research/Moodys-Global-shipping-industrys-negative-outlook-due-to-fall-in--PR_350937 Moody's Japan K.K. says that its outlook for the global shipping industry over the next 12-18 months is negative.

Shipping and ports face Brexit fallout. By Anthony Woolich, Partner, Holman Fenwick Willan and Jeremy Kelly, Associate Holman Fenwick. *Lloyd's List* [Online]. 24 June 2016.

Available from: <https://www.lloydslist.com/ll/sector/regulation/article528828.ece>

The consequences of the UK leaving the European Union for those doing business in the UK, with the UK, or under English law will be wide-ranging.

Brexit could see UK face maritime talent exodus. By Dale Wainwright. *TradeWinds*

[Online]. 27 June 2016. Available from: <http://www.tradewindsnews.com/finance/766007/brexit-could-see-uk-face-maritime-talent-exodus> The UK's decision to leave the EU has the potential to drive many of its maritime employees away, a top recruitment firm has warned.

RS rules conform to the IMO goal-based standards. *Russian Maritime Register of Shipping*

(RS) [Online]. 24 June 2016. Available from: <http://www.rs-class.org/en/register/news/detail.php?ID=13793>

The Maritime Safety Committee (MSC) of the International Maritime Organization (IMO), at its 96th session held in London on 11 to 20 May 2016 confirmed that the rules of the Russian Maritime Register of Shipping are in conformity to the IMO goal-based standards (GBS).

Danish ships to be issued with digital certificates. *Danish Maritime Authority* [Online].


24 June 2016. Available from:

<http://www.dma.dk/news/Sider/Danishshipstobeissuedwithdigitalcertificates.aspx> As one of the first countries in the world, Denmark will, as of 24 June 2016, put an end to the 100 years old tradition of certifying ships by means of old-fashioned certificates on paper.

Brexit: The view from the UK. By Michael Grey. *Lloyd's List* [Online]. 24 June 2016.

Available from: <https://www.lloydslist.com/ll/world/europe/article528865.ece> Retrospectives are often misleading, but if I was trying to persuade people to do something, a policy of shouting threats at them from every direction may not be entirely helpful.

Marine Notice 12/2016: Asbestos on Ships. *Australian Maritime Safety Authority (AMSA)* [Online]. June 2016. Available from:

<https://apps.amsa.gov.au/MOREview/Attachment/ShowAttachment/4480>  The purpose of this marine notice is to draw the attention of ship owners and operators to the ongoing prohibition of asbestos on ships, noting that Australian law requires operators to take all reasonable steps to protect the health and safety of employees and contractors while at work.

RESEARCH

Sustained deposition of contaminants from the *Deepwater Horizon* spill.

By B. Yan, U. Passow et al. *Proceedings of the National Academy of Sciences*. [Online]. (2016). Available from: <http://www.pnas.org/content/early/2016/05/26/1513156113.abstract>

Despite numerous publications reporting the accumulation of petroleum hydrocarbons associated with the *Deepwater Horizon* spill on the seafloor, the mechanisms of their delivery to the seafloor remain unclear.

Environmentally relevant concentrations of microplastic particles influence larval fish ecology.

By O. M. Lönnstedt, P. Eklöv. *Science*. [Online]. (2016). Available from: <http://science.sciencemag.org/content/352/6290/1213.abstract>

The billions of tons of plastics that we release into the environment for the most part do not biodegrade.

Overfishing and nutrient pollution interact with temperature to disrupt coral reefs down to microbial scales.

By J. R. Zaneveld, D. E. Burkepille et al. *Nature Communications*. [Online]. (2016). Available from: <http://dx.doi.org/10.1038/ncomms11833>

Losses of corals worldwide emphasize the need to understand what drives reef decline.

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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.